ANALYTICAL REPORT

Job Number: 460-42971-1

Job Description: Rohm and Haas Philly Plant

For:
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CASE NARRATIVE

Client: URS Corporation

Project: Rohm and Haas Philly Plant

Report Number: 460-42971-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 07/31/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.6 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS
Samples 460-42971-1 through 460-42971-3, 460-42971-6 through 460-42971-14 and 460-42971-16 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 08/02/2012.

The matrix spike (MS) recoveries for potassium, magnesium, antimony in batch 122238 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

Copper and Lead exceeded the rpd limit for the duplicate of sample 460-42971-3. Refer to the QC report for details.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Samples 460-42971-1 through 460-42971-3(4X), 460-42971-3(40X), 460-42971-6(10X), 460-42971-6(4X), 460-42971-7(4X), 460-42971-8(100X), 460-42971-8 through 460-42971-13(4X), 460-42971-13(40X), 460-42971-14(4X), 460-42971-14(40X) and 460-42971-16(20X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to the nature of the sample matrix (high Iron and Lead): 20120731FD (460-42971-16). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS
Sample 460-42971-15 was analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 08/03/2012.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Sample 460-42971-15 was analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and

analyzed on 08/02/2012.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples 460-42971-1 through 460-42971-3, 460-42971-6 through 460-42971-14 and 460-42971-16 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 08/02/2012 and 08/09/2012.

The matrix duplicate %RPD for mercury associated with batch 123339 was outside the control limits. Refer to the QC report for details.

Samples 460-42971-6(10X), 460-42971-7(30X), 460-42971-8(2X) and 460-42971-16(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Hg analyses.

All other quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES
Samples 460-42971-1 through 460-42971-3, 460-42971-6 through 460-42971-14 and 460-42971-16 were analyzed for organochlorine pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 08/02/2012 and analyzed on 08/06/2012 and 08/13/2012.

DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for 460-42971-16. Refer to the QC report for details.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 122228 were outside control limits. The laboratory control sample (LCS) for batch 12228 exceeded control limits for the following analytes: Endosulfan Sulfate on primary column,since secondary column in with in limit data are qualified and reported.

Refer to the QC report for details.

Sample 460-42971-16(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES
Sample 460-42971-15 was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 08/02/2012 and analyzed on 08/13/2012.

Tetrachloro-m-xylene failed the surrogate recovery criteria high for 460-42971-15. Tetrachloro-m-xylene failed the surrogate recovery criteria high for LCS 460-122268/2-A. Refer to the QC report for details.

The laboratory control sample (LCS) for batch 122268 exceeded control limits for the following analytes: endrin ketone on the secondary column. Endrin ketone was within control limits on the primary colimn. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. (LCS 460-122268/2-A) Refer to the QC report for details.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-42971-1 through 460-42971-3, 460-42971-6 through 460-42971-14 and 460-42971-16 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 08/01/2012 and analyzed on 08/07/2012, 08/08/2012, 08/09/2012, 08/10/2012 and 08/13/2012.

Methylene Chloride was detected in method blank LB3 460-122188/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-122620/21 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-122620/21 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-122835/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-123008/16 at a level that was above the method detection limit but below the reporting limit. The value should be

considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-123371/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-123371/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-123432/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride and Trichlorofluoromethane were detected in method blank MB 460-123432/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-123838/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride and Trichlorofluoromethane were detected in method blank MB 460-123838/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Bromofluorobenzene Internal standard (ISDT) response and surrogate recovery for the following matrix spike (MS) were outside control limits: 20120731SB-397V0-2MS (460-42971-3 MS). The MS was re-analyzed in the same batch with concurring results. The original set of data has been reported. Refer to the QC report for details.

The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 122835 exceeded control limits for the following analytes: 2-Hexanone. The LCS recoveries were also outside control limits for 4-Methyl-2-pentanone and 2-Butanone. The data has been flagged and reported.

The matrix spike duplicate (MSD) recovey of Chloromethane was outside control limits in batch 123251. The MS/MSD precision for Dichlorodifluoromethane and Vinyl Chloride were also outside control limits. 1,4-Dioxane was not recovered above the MDL in the MS; therefore the MS/MSD precision cannot be calculated for this compound. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries and %RPD for batch 123432 were outside control limits for multiple analytes. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

Refer to the QC report for details.

The following samples were diluted to bring the concentration of target analytes within the calibration range and also due to the abundance of non-target analytes: 20120731FD (460-42971-16), 20120731SB-397V5-6N (460-42971-6). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-42971-15 and 460-42971-17 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/02/2012.

The matrix spike duplicate (MSD) recoveries for batch 122264 were outside control limits for Methylene chloride and 1,2-Dibromo-3-chloropropane. The associated laboratory control sample (LCS) recoveries met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-42971-1 through 460-42971-3, 460-42971-6 through 460-42971-14 and 460-42971-16 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 08/02/2012 and 08/03/2012 and analyzed on 08/03/2012, 08/06/2012, 08/07/2012 and 08/08/2012.

2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-42971-16. Refer to the QC report for details.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 122303 were outside control limits for Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene and/or Hexachloroethane. The laboratory control sample (LCS) and matrix spike/matrix spike duplicate (MS/MSD) for batch 122303 were outside advisory limits for the following analytes: 1,2,4,5-Tetrachlorobenzene and/or 2,3,4,6-Tetrachlorophenol.

The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch 122438 were outside control limits. This is

attributed to: non-homogeneity of the sample matrix.

The following sample(s) contained one acid and/or one base surrogate (2-Fluorophenol and Nitrobenzene-d5) outside acceptance limits: 20120731SB-393V7-8N (460-42971-10). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Refer to the QC report for details.

Samples 460-42971-6(5X), 460-42971-10(2X) and 460-42971-16(20X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-42971-15 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 08/01/2012 and analyzed on 08/02/2012.

No difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-42971-1 through 460-42971-3, 460-42971-6 through 460-42971-14 and 460-42971-16 were analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 08/02/2012.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-42971-1	20120731SB-396V0-2N	Solid	07/31/2012 0910	07/31/2012 1930
460-42971-2	20120731SB-396V6-7N	Solid	07/31/2012 0905	07/31/2012 1930
460-42971-3	20120731SB-397V0-2N	Solid	07/31/2012 0925	07/31/2012 1930
460-42971-3MS	20120731SB-397V0-2N	Solid	07/31/2012 0925	07/31/2012 1930
460-42971-3MSD	20120731SB-397V0-2N	Solid	07/31/2012 0925	07/31/2012 1930
460-42971-3DU	20120731SB-397V0-2N	Solid	07/31/2012 0925	07/31/2012 1930
460-42971-6	20120731SB-397V5-6N	Solid	07/31/2012 0935	07/31/2012 1930
460-42971-7	20120731SB-394V0-2N	Solid	07/31/2012 1005	07/31/2012 1930
460-42971-8	20120731SB-394V7-8N	Solid	07/31/2012 1010	07/31/2012 1930
460-42971-9	20120731SB-393V0-2N	Solid	07/31/2012 1035	07/31/2012 1930
460-42971-10	20120731SB-393V7-8N	Solid	07/31/2012 1040	07/31/2012 1930
460-42971-11	20120731SB-392V0-2N	Solid	07/31/2012 1100	07/31/2012 1930
460-42971-12	20120731SB-392V7-8N	Solid	07/31/2012 1105	07/31/2012 1930
460-42971-13	20120731SB-387V0-2N	Solid	07/31/2012 1230	07/31/2012 1930
460-42971-14	20120731SB-387V3-4N	Solid	07/31/2012 1235	07/31/2012 1930
460-42971-15	20120731EB	Water	07/31/2012 1400	07/31/2012 1930
460-42971-16	20120731FD	Solid	07/31/2012 0000	07/31/2012 1930
460-42971-17	20120731TB	Water	07/31/2012 0000	07/31/2012 1930

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-1	**20120731SB-396V0-2N**					
Methylene Chloride		0.39	J B	1.5	ug/Kg	8260B
Acetone		5.9	J B	15	ug/Kg	8260B
Trichlorofluoromethane		23	B	1.5	ug/Kg	8260B
Methylcyclohexane		0.29	J	1.5	ug/Kg	8260B
Naphthalene		59	J	380	ug/Kg	8270C
2-Methylnaphthalene		48	J	380	ug/Kg	8270C
Acenaphthene		70	J	380	ug/Kg	8270C
Dibenzofuran		63	J	380	ug/Kg	8270C
Fluorene		92	J	380	ug/Kg	8270C
Fluoranthene		1900		380	ug/Kg	8270C
Di-n-butyl phthalate		200	J	380	ug/Kg	8270C
Anthracene		370	J	380	ug/Kg	8270C
Carbazole		90	J	380	ug/Kg	8270C
Phenanthrene		1300		380	ug/Kg	8270C
Pyrene		1700		380	ug/Kg	8270C
Chrysene		1100		380	ug/Kg	8270C
Benzo[k]fluoranthene		440		38	ug/Kg	8270C
Benzo[g,h,i]perylene		590		380	ug/Kg	8270C
Benzo[b]fluoranthene		1100		38	ug/Kg	8270C
Benzo[a]pyrene		930		38	ug/Kg	8270C
Benzo[a]anthracene		1100		38	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		720		38	ug/Kg	8270C
Dibenz(a,h)anthracene		140		38	ug/Kg	8270C
alpha-BHC		2.3	J p	7.6	ug/Kg	8081A
4,4'-DDD		10		7.6	ug/Kg	8081A
4,4'-DDE		37		7.6	ug/Kg	8081A
4,4'-DDT		47		7.6	ug/Kg	8081A
Endrin aldehyde		4.4	J	7.6	ug/Kg	8081A
Heptachlor		9.7		7.6	ug/Kg	8081A
Heptachlor epoxide		3.6	J p	7.6	ug/Kg	8081A
Aluminum		8640		45.1	mg/Kg	6010B
Antimony		2.9		2.3	mg/Kg	6010B
Arsenic		12.0		1.1	mg/Kg	6010B
Barium		106		45.1	mg/Kg	6010B
Beryllium		0.42	J	0.45	mg/Kg	6010B
Cadmium		0.31	J	1.1	mg/Kg	6010B
Calcium		12600		1130	mg/Kg	6010B
Chromium		23.2		2.3	mg/Kg	6010B
Cobalt		5.9	J	11.3	mg/Kg	6010B
Copper		44.7		5.6	mg/Kg	6010B
Iron		18500		33.8	mg/Kg	6010B
Lead		266		1.1	mg/Kg	6010B
Magnesium		1500		1130	mg/Kg	6010B
Manganese		217		3.4	mg/Kg	6010B
Nickel		12.9		9.0	mg/Kg	6010B
Potassium		700	J	1130	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Sodium		773	J	1130	mg/Kg	6010B
Vanadium		16.8		11.3	mg/Kg	6010B
Zinc		134		6.8	mg/Kg	6010B
Mercury		0.89		0.035	mg/Kg	7471A
Percent Moisture		12.1		1.0	%	Moisture
Percent Solids		87.9		1.0	%	Moisture
460-42971-2	**20120731SB-396V6-7N**					
Methylene Chloride		0.76	J B	1.4	ug/Kg	8260B
Acetone		5.3	J	14	ug/Kg	8260B
Trichlorofluoromethane		4.1		1.4	ug/Kg	8260B
Fluoranthene		120	J	480	ug/Kg	8270C
Phenanthrene		77	J	480	ug/Kg	8270C
Pyrene		100	J	480	ug/Kg	8270C
Chrysene		67	J	480	ug/Kg	8270C
Benzo[k]fluoranthene		37	J	48	ug/Kg	8270C
Benzo[b]fluoranthene		63		48	ug/Kg	8270C
Benzo[a]pyrene		57		48	ug/Kg	8270C
Benzo[a]anthracene		67		48	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		29	J	48	ug/Kg	8270C
Aluminum		14000		54.8	mg/Kg	6010B
Arsenic		7.0		1.4	mg/Kg	6010B
Barium		135		54.8	mg/Kg	6010B
Beryllium		0.80		0.55	mg/Kg	6010B
Cadmium		1.9		1.4	mg/Kg	6010B
Calcium		3430		1370	mg/Kg	6010B
Chromium		36.8		2.7	mg/Kg	6010B
Cobalt		9.5	J	13.7	mg/Kg	6010B
Copper		34.1		6.9	mg/Kg	6010B
Iron		23300		41.1	mg/Kg	6010B
Lead		154		1.4	mg/Kg	6010B
Magnesium		4650		1370	mg/Kg	6010B
Manganese		452		4.1	mg/Kg	6010B
Nickel		21.4		11.0	mg/Kg	6010B
Potassium		1540		1370	mg/Kg	6010B
Selenium		2.0	J	2.7	mg/Kg	6010B
Sodium		546	J	1370	mg/Kg	6010B
Vanadium		33.4		13.7	mg/Kg	6010B
Zinc		349		8.2	mg/Kg	6010B
Mercury		0.65		0.047	mg/Kg	7471A
Percent Moisture		31.2		1.0	%	Moisture
Percent Solids		68.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-3	**20120731SB-397V0-2N**					
Methylene Chloride		0.54	J B	1.8	ug/Kg	8260B
Acetone		44	B	18	ug/Kg	8260B
2-Butanone		7.5	J	18	ug/Kg	8260B
Toluene		0.27	J	1.8	ug/Kg	8260B
Phenol		230	J	460	ug/Kg	8270C
Naphthalene		330	J	460	ug/Kg	8270C
2-Methylnaphthalene		180	J	460	ug/Kg	8270C
Diphenyl		88	J	460	ug/Kg	8270C
Acenaphthylene		440	J	460	ug/Kg	8270C
Acenaphthene		200	J	460	ug/Kg	8270C
Dibenzofuran		350	J	460	ug/Kg	8270C
Fluorene		250	J	460	ug/Kg	8270C
Fluoranthene		6000		460	ug/Kg	8270C
Anthracene		1100		460	ug/Kg	8270C
Carbazole		340	J	460	ug/Kg	8270C
Phenanthrene		4100		460	ug/Kg	8270C
Pyrene		4600		460	ug/Kg	8270C
Chrysene		4700		460	ug/Kg	8270C
Benzo[k]fluoranthene		3100		46	ug/Kg	8270C
Benzo[g,h,i]perylene		1300		460	ug/Kg	8270C
Benzo[b]fluoranthene		7200		46	ug/Kg	8270C
Benzo[a]pyrene		4500		46	ug/Kg	8270C
Benzo[a]anthracene		3700		46	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1700		46	ug/Kg	8270C
Dibenz(a,h)anthracene		570		46	ug/Kg	8270C
Endosulfan II		3.9	J p	9.3	ug/Kg	8081A
Endrin ketone		150		9.3	ug/Kg	8081A
Aluminum		8570		55.6	mg/Kg	6010B
Antimony		11.8		2.8	mg/Kg	6010B
Arsenic		48.6		1.4	mg/Kg	6010B
Barium		330		55.6	mg/Kg	6010B
Beryllium		0.53	J	0.56	mg/Kg	6010B
Cadmium		0.78	J	1.4	mg/Kg	6010B
Calcium		3040		1390	mg/Kg	6010B
Chromium		38.3		2.8	mg/Kg	6010B
Cobalt		3.3	J	13.9	mg/Kg	6010B
Copper		323		6.9	mg/Kg	6010B
Iron		17800		41.7	mg/Kg	6010B
Lead		5110		13.9	mg/Kg	6010B
Magnesium		535	J	1390	mg/Kg	6010B
Manganese		42.3		4.2	mg/Kg	6010B
Nickel		11.3		11.1	mg/Kg	6010B
Potassium		885	J	1390	mg/Kg	6010B
Selenium		3.1		2.8	mg/Kg	6010B
Silver		1.9	J	2.8	mg/Kg	6010B
Sodium		349	J	1390	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Vanadium		31.2		13.9	mg/Kg	6010B
Zinc		256		8.3	mg/Kg	6010B
Mercury		0.53		0.046	mg/Kg	7471A
Percent Moisture		28.0		1.0	%	Moisture
Percent Solids		72.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-6	**20120731SB-397V5-6N**					
cis-1,2-Dichloroethene		210	J	300	ug/Kg	8260B
1,2-Dichloroethane		3200		300	ug/Kg	8260B
Benzene		62	J	300	ug/Kg	8260B
m&p-Xylene		180000		590	ug/Kg	8260B
o-Xylene		18000		300	ug/Kg	8260B
Ethylbenzene		14000		300	ug/Kg	8260B
Chlorobenzene		250	J	300	ug/Kg	8260B
Cyclohexane		100	J	300	ug/Kg	8260B
Isopropylbenzene		5900		300	ug/Kg	8260B
Trichloroethene		96	J	300	ug/Kg	8260B
Toluene		3400		300	ug/Kg	8260B
1,2-Dichlorobenzene		370		300	ug/Kg	8260B
1,3-Dichlorobenzene		88	J	300	ug/Kg	8260B
1,4-Dichlorobenzene		340		300	ug/Kg	8260B
1,2,4-Trichlorobenzene		960		300	ug/Kg	8260B
Phenol		340	J	2300	ug/Kg	8270C
Naphthalene		1100	J	2300	ug/Kg	8270C
2-Methylnaphthalene		1200	J	2300	ug/Kg	8270C
Acenaphthene		920	J	2300	ug/Kg	8270C
Dibenzofuran		850	J	2300	ug/Kg	8270C
Fluorene		1300	J	2300	ug/Kg	8270C
Fluoranthene		2300		2300	ug/Kg	8270C
Anthracene		750	J	2300	ug/Kg	8270C
Phenanthrene		4200		2300	ug/Kg	8270C
Pyrene		2000	J	2300	ug/Kg	8270C
Chrysene		1000	J	2300	ug/Kg	8270C
Benzo[k]fluoranthene		280		230	ug/Kg	8270C
Benzo[g,h,i]perylene		450	J	2300	ug/Kg	8270C
Benzo[b]fluoranthene		670		230	ug/Kg	8270C
Benzo[a]pyrene		550		230	ug/Kg	8270C
Benzo[a]anthracene		840		230	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		34000		2300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		480		230	ug/Kg	8270C
Dibenz(a,h)anthracene		130	J	230	ug/Kg	8270C
4,4'-DDE		680	E	9.2	ug/Kg	8081A
Dieldrin		3.5	J p	9.2	ug/Kg	8081A
Endosulfan II		6.7	J p	9.2	ug/Kg	8081A
Endrin		7.1	J p	9.2	ug/Kg	8081A
Endrin ketone		5.4	J p	9.2	ug/Kg	8081A
Aluminum		11400		50.5	mg/Kg	6010B
Antimony		156		2.5	mg/Kg	6010B
Arsenic		1110		1.3	mg/Kg	6010B
Barium		509		50.5	mg/Kg	6010B
Beryllium		0.82		0.50	mg/Kg	6010B
Cadmium		0.72	J	1.3	mg/Kg	6010B
Calcium		8970		1260	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Chromium		21.2		2.5	mg/Kg	6010B
Cobalt		18.2		12.6	mg/Kg	6010B
Copper		367		6.3	mg/Kg	6010B
Iron		85000		94.7	mg/Kg	6010B
Lead		2610		1.3	mg/Kg	6010B
Magnesium		1600		1260	mg/Kg	6010B
Manganese		94.7		3.8	mg/Kg	6010B
Nickel		18.4		10.1	mg/Kg	6010B
Potassium		753	J	1260	mg/Kg	6010B
Selenium		13.4		2.5	mg/Kg	6010B
Silver		6.6		2.5	mg/Kg	6010B
Sodium		453	J	1260	mg/Kg	6010B
Thallium		28.8		2.5	mg/Kg	6010B
Vanadium		17.3		12.6	mg/Kg	6010B
Zinc		375		7.6	mg/Kg	6010B
Mercury		19.4		0.41	mg/Kg	7471A
Percent Moisture		27.3		1.0	%	Moisture
Percent Solids		72.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-7	**20120731SB-394V0-2N**					
Methylene Chloride		0.52	J B	1.5	ug/Kg	8260B
Acetone		13	J	15	ug/Kg	8260B
Carbon disulfide		0.84	J	1.5	ug/Kg	8260B
Benzene		0.49	J	1.5	ug/Kg	8260B
m&p-Xylene		1.1	J	3.0	ug/Kg	8260B
o-Xylene		0.35	J	1.5	ug/Kg	8260B
Ethylbenzene		0.31	J	1.5	ug/Kg	8260B
Toluene		39		1.5	ug/Kg	8260B
Methylcyclohexane		0.31	J	1.5	ug/Kg	8260B
Tetrachloroethene		0.30	J	1.5	ug/Kg	8260B
2-Methylphenol		66	J	380	ug/Kg	8270C
4-Methylphenol		94	J	380	ug/Kg	8270C
Acetophenone		440		380	ug/Kg	8270C
2,4-Dimethylphenol		140	J	380	ug/Kg	8270C
Naphthalene		300	J	380	ug/Kg	8270C
2-Methylnaphthalene		110	J	380	ug/Kg	8270C
Dibenzofuran		52	J	380	ug/Kg	8270C
Fluoranthene		340	J	380	ug/Kg	8270C
Phenanthrene		350	J	380	ug/Kg	8270C
Pyrene		190	J	380	ug/Kg	8270C
Chrysene		210	J	380	ug/Kg	8270C
Benzo[k]fluoranthene		94		38	ug/Kg	8270C
Benzo[g,h,i]perylene		190	J	380	ug/Kg	8270C
Benzo[b]fluoranthene		250		38	ug/Kg	8270C
Benzo[a]pyrene		140		38	ug/Kg	8270C
Benzo[a]anthracene		130		38	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		210		38	ug/Kg	8270C
Dibenz(a,h)anthracene		56		38	ug/Kg	8270C
4,4'-DDE		6.6	J	7.7	ug/Kg	8081A
Aluminum		6150		43.6	mg/Kg	6010B
Antimony		2.5		2.2	mg/Kg	6010B
Arsenic		46.3		1.1	mg/Kg	6010B
Barium		125		43.6	mg/Kg	6010B
Beryllium		0.49		0.44	mg/Kg	6010B
Cadmium		0.43	J	1.1	mg/Kg	6010B
Calcium		8730		1090	mg/Kg	6010B
Chromium		13.4		2.2	mg/Kg	6010B
Cobalt		27.2		10.9	mg/Kg	6010B
Copper		52.1		5.5	mg/Kg	6010B
Iron		21000		32.7	mg/Kg	6010B
Lead		439		1.1	mg/Kg	6010B
Magnesium		1810		1090	mg/Kg	6010B
Manganese		184		3.3	mg/Kg	6010B
Nickel		14.5		8.7	mg/Kg	6010B
Potassium		635	J	1090	mg/Kg	6010B
Sodium		307	J	1090	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Vanadium		16.6		10.9	mg/Kg	6010B
Zinc		150		6.5	mg/Kg	6010B
Mercury		26.4		1.1	mg/Kg	7471A
Percent Moisture		12.7		1.0	%	Moisture
Percent Solids		87.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-8	**20120731SB-394V7-8N**					
Methylene Chloride		0.48	J B	1.7	ug/Kg	8260B
Naphthalene		320	J	450	ug/Kg	8270C
2-Methylnaphthalene		260	J	450	ug/Kg	8270C
Dibenzofuran		110	J	450	ug/Kg	8270C
Fluoranthene		630		450	ug/Kg	8270C
Anthracene		120	J	450	ug/Kg	8270C
Carbazole		58	J	450	ug/Kg	8270C
Phenanthrene		600		450	ug/Kg	8270C
Pyrene		600		450	ug/Kg	8270C
Chrysene		370	J	450	ug/Kg	8270C
Benzo[k]fluoranthene		140		45	ug/Kg	8270C
Benzo[g,h,i]perylene		360	J	450	ug/Kg	8270C
Benzo[b]fluoranthene		420		45	ug/Kg	8270C
Benzo[a]pyrene		260		45	ug/Kg	8270C
Benzo[a]anthracene		310		45	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		3200		450	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		370		45	ug/Kg	8270C
Dibenz(a,h)anthracene		83		45	ug/Kg	8270C
4,4'-DDD		7.1	J	9.2	ug/Kg	8081A
4,4'-DDE		2.2	J	9.2	ug/Kg	8081A
Endrin ketone		8.9	J	9.2	ug/Kg	8081A
Aluminum		16500		50.0	mg/Kg	6010B
Arsenic		18.6		1.3	mg/Kg	6010B
Barium		177		50.0	mg/Kg	6010B
Beryllium		1.6		0.50	mg/Kg	6010B
Cadmium		12.1		1.3	mg/Kg	6010B
Calcium		13600		1250	mg/Kg	6010B
Chromium		24.1		2.5	mg/Kg	6010B
Cobalt		22.2		12.5	mg/Kg	6010B
Copper		79.4		6.3	mg/Kg	6010B
Iron		31000		37.5	mg/Kg	6010B
Lead		337		1.3	mg/Kg	6010B
Magnesium		2620		1250	mg/Kg	6010B
Manganese		1090		3.8	mg/Kg	6010B
Nickel		65.6		10.0	mg/Kg	6010B
Potassium		1890		1250	mg/Kg	6010B
Selenium		3.1		2.5	mg/Kg	6010B
Silver		0.79	J	2.5	mg/Kg	6010B
Sodium		8290		1250	mg/Kg	6010B
Vanadium		22.6		12.5	mg/Kg	6010B
Zinc		3390		188	mg/Kg	6010B
Mercury		2.8		0.089	mg/Kg	7471A
Percent Moisture		27.3		1.0	%	Moisture
Percent Solids		72.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-9	**20120731SB-393V0-2N**					
Methylene Chloride		0.52	J B	1.2	ug/Kg	8260B
Acetone		13		12	ug/Kg	8260B
Benzene		0.76	J	1.2	ug/Kg	8260B
o-Xylene		0.52	J	1.2	ug/Kg	8260B
Cyclohexane		0.72	J	1.2	ug/Kg	8260B
Toluene		1.1	J	1.2	ug/Kg	8260B
Methylcyclohexane		1.4		1.2	ug/Kg	8260B
Naphthalene		110	J	360	ug/Kg	8270C
2-Methylnaphthalene		150	J	360	ug/Kg	8270C
Fluoranthene		120	J	360	ug/Kg	8270C
Phenanthrene		120	J	360	ug/Kg	8270C
Pyrene		110	J	360	ug/Kg	8270C
Chrysene		80	J	360	ug/Kg	8270C
Benzo[k]fluoranthene		34	J	36	ug/Kg	8270C
Benzo[g,h,i]perylene		44	J	360	ug/Kg	8270C
Benzo[b]fluoranthene		77		36	ug/Kg	8270C
Benzo[a]pyrene		63		36	ug/Kg	8270C
Benzo[a]anthracene		73		36	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		45		36	ug/Kg	8270C
Dibenz(a,h)anthracene		10	J	36	ug/Kg	8270C
4,4'-DDD		2.8	J p	7.2	ug/Kg	8081A
4,4'-DDE		38		7.2	ug/Kg	8081A
4,4'-DDT		26		7.2	ug/Kg	8081A
Endrin aldehyde		2.7	J	7.2	ug/Kg	8081A
Endrin ketone		4.9	J p	7.2	ug/Kg	8081A
Aluminum		9540		41.2	mg/Kg	6010B
Arsenic		5.6		1.0	mg/Kg	6010B
Barium		75.9		41.2	mg/Kg	6010B
Beryllium		0.50		0.41	mg/Kg	6010B
Calcium		10800		1030	mg/Kg	6010B
Chromium		19.9		2.1	mg/Kg	6010B
Cobalt		8.5	J	10.3	mg/Kg	6010B
Copper		18.9		5.1	mg/Kg	6010B
Iron		22000		30.9	mg/Kg	6010B
Lead		61.8		1.0	mg/Kg	6010B
Magnesium		4010		1030	mg/Kg	6010B
Manganese		480		3.1	mg/Kg	6010B
Nickel		15.8		8.2	mg/Kg	6010B
Potassium		3140		1030	mg/Kg	6010B
Sodium		378	J	1030	mg/Kg	6010B
Vanadium		21.2		10.3	mg/Kg	6010B
Zinc		76.7		6.2	mg/Kg	6010B
Mercury		0.047		0.033	mg/Kg	7471A
Percent Moisture		7.5		1.0	%	Moisture
Percent Solids		92.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-10	**20120731SB-393V7-8N**					
Methylene Chloride		0.39	J B	1.2	ug/Kg	8260B
Acetone		37		12	ug/Kg	8260B
Toluene		0.28	J	1.2	ug/Kg	8260B
Naphthalene		140	J	780	ug/Kg	8270C
2-Methylnaphthalene		150	J	780	ug/Kg	8270C
Acenaphthene		490	J	780	ug/Kg	8270C
Dibenzofuran		270	J	780	ug/Kg	8270C
Fluorene		590	J	780	ug/Kg	8270C
Fluoranthene		9000		780	ug/Kg	8270C
Anthracene		2000		780	ug/Kg	8270C
Carbazole		300	J	780	ug/Kg	8270C
Phenanthrene		9600		780	ug/Kg	8270C
Pyrene		7700		780	ug/Kg	8270C
Chrysene		4700		780	ug/Kg	8270C
Benzo[k]fluoranthene		1400		78	ug/Kg	8270C
Benzo[g,h,i]perylene		3200		780	ug/Kg	8270C
Benzo[b]fluoranthene		3600		78	ug/Kg	8270C
Benzo[a]pyrene		3900		78	ug/Kg	8270C
Benzo[a]anthracene		4300		78	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		2600		780	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		3300		78	ug/Kg	8270C
Dibenz(a,h)anthracene		900		78	ug/Kg	8270C
Aluminum		7310		42.5	mg/Kg	6010B
Arsenic		23.4		1.1	mg/Kg	6010B
Barium		91.9		42.5	mg/Kg	6010B
Beryllium		0.51		0.42	mg/Kg	6010B
Cadmium		0.79	J	1.1	mg/Kg	6010B
Calcium		5530		1060	mg/Kg	6010B
Chromium		37.8		2.1	mg/Kg	6010B
Cobalt		6.5	J	10.6	mg/Kg	6010B
Copper		92.0		5.3	mg/Kg	6010B
Iron		19800		31.9	mg/Kg	6010B
Lead		386		1.1	mg/Kg	6010B
Magnesium		1630		1060	mg/Kg	6010B
Manganese		366		3.2	mg/Kg	6010B
Nickel		15.2		8.5	mg/Kg	6010B
Potassium		743	J	1060	mg/Kg	6010B
Sodium		466	J	1060	mg/Kg	6010B
Vanadium		18.0		10.6	mg/Kg	6010B
Zinc		288		6.4	mg/Kg	6010B
Mercury		1.3		0.039	mg/Kg	7471A
Percent Moisture		15.9		1.0	%	Moisture
Percent Solids		84.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-11	**20120731SB-392V0-2N**					
Methylene Chloride		2.8	B	1.2	ug/Kg	8260B
Toluene		0.27	J	1.2	ug/Kg	8260B
Naphthalene		120	J	390	ug/Kg	8270C
2-Methylnaphthalene		100	J	390	ug/Kg	8270C
Fluoranthene		80	J	390	ug/Kg	8270C
Phenanthrene		75	J	390	ug/Kg	8270C
Pyrene		73	J	390	ug/Kg	8270C
Chrysene		61	J	390	ug/Kg	8270C
Benzo[k]fluoranthene		30	J	39	ug/Kg	8270C
Benzo[g,h,i]perylene		45	J	390	ug/Kg	8270C
Benzo[b]fluoranthene		69		39	ug/Kg	8270C
Benzo[a]pyrene		51		39	ug/Kg	8270C
Benzo[a]anthracene		56		39	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		45		39	ug/Kg	8270C
Dibenz(a,h)anthracene		10	J	39	ug/Kg	8270C
4,4'-DDE		20		7.9	ug/Kg	8081A
4,4'-DDT		11		7.9	ug/Kg	8081A
Aluminum		6900		45.2	mg/Kg	6010B
Arsenic		15.3		1.1	mg/Kg	6010B
Barium		63.8		45.2	mg/Kg	6010B
Beryllium		0.50		0.45	mg/Kg	6010B
Cadmium		0.46	J	1.1	mg/Kg	6010B
Calcium		2710		1130	mg/Kg	6010B
Chromium		33.2		2.3	mg/Kg	6010B
Cobalt		5.7	J	11.3	mg/Kg	6010B
Copper		84.4		5.7	mg/Kg	6010B
Iron		17300		33.9	mg/Kg	6010B
Lead		110		1.1	mg/Kg	6010B
Magnesium		2220		1130	mg/Kg	6010B
Manganese		293		3.4	mg/Kg	6010B
Nickel		13.2		9.0	mg/Kg	6010B
Potassium		789	J	1130	mg/Kg	6010B
Sodium		512	J	1130	mg/Kg	6010B
Vanadium		15.7		11.3	mg/Kg	6010B
Zinc		102		6.8	mg/Kg	6010B
Mercury		0.18		0.035	mg/Kg	7471A
Percent Moisture		15.8		1.0	%	Moisture
Percent Solids		84.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-12	**20120731SB-392V7-8N**					
Methylene Chloride		2.3	B	1.5	ug/Kg	8260B
Aluminum		13900		55.6	mg/Kg	6010B
Arsenic		8.0		1.4	mg/Kg	6010B
Barium		108		55.6	mg/Kg	6010B
Beryllium		0.64		0.56	mg/Kg	6010B
Calcium		2810		1390	mg/Kg	6010B
Chromium		37.2		2.8	mg/Kg	6010B
Cobalt		8.8	J	13.9	mg/Kg	6010B
Copper		145		7.0	mg/Kg	6010B
Iron		25700		41.7	mg/Kg	6010B
Lead		20.1		1.4	mg/Kg	6010B
Magnesium		5010		1390	mg/Kg	6010B
Manganese		409		4.2	mg/Kg	6010B
Nickel		18.0		11.1	mg/Kg	6010B
Potassium		1580		1390	mg/Kg	6010B
Sodium		321	J	1390	mg/Kg	6010B
Vanadium		30.7		13.9	mg/Kg	6010B
Zinc		127		8.3	mg/Kg	6010B
Mercury		0.073		0.046	mg/Kg	7471A
Percent Moisture		30.2		1.0	%	Moisture
Percent Solids		69.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-13	**20120731SB-387V0-2N**					
Methylene Chloride		0.49	J B	1.3	ug/Kg	8260B
Benzene		0.34	J	1.3	ug/Kg	8260B
o-Xylene		0.28	J	1.3	ug/Kg	8260B
Cyclohexane		1.4		1.3	ug/Kg	8260B
Toluene		0.45	J	1.3	ug/Kg	8260B
Methylcyclohexane		2.4		1.3	ug/Kg	8260B
Tetrachloroethene		1.6		1.3	ug/Kg	8260B
Naphthalene		330	J	370	ug/Kg	8270C
2-Methylnaphthalene		380		370	ug/Kg	8270C
Acenaphthylene		82	J	370	ug/Kg	8270C
Acenaphthene		100	J	370	ug/Kg	8270C
Dibenzofuran		220	J	370	ug/Kg	8270C
Fluorene		260	J	370	ug/Kg	8270C
Fluoranthene		2300		370	ug/Kg	8270C
Anthracene		490		370	ug/Kg	8270C
Carbazole		130	J	370	ug/Kg	8270C
Phenanthrene		2000		370	ug/Kg	8270C
Pyrene		1900		370	ug/Kg	8270C
Chrysene		1000		370	ug/Kg	8270C
Benzo[k]fluoranthene		450		37	ug/Kg	8270C
Benzo[g,h,i]perylene		580		370	ug/Kg	8270C
Benzo[b]fluoranthene		1100		37	ug/Kg	8270C
Benzo[a]pyrene		970		37	ug/Kg	8270C
Benzo[a]anthracene		1000		37	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		690		37	ug/Kg	8270C
Dibenz(a,h)anthracene		110		37	ug/Kg	8270C
4,4'-DDD		4.0	J	7.6	ug/Kg	8081A
Aluminum		10900		41.3	mg/Kg	6010B
Arsenic		41.1		1.0	mg/Kg	6010B
Barium		310		41.3	mg/Kg	6010B
Beryllium		1.0		0.41	mg/Kg	6010B
Cadmium		0.84	J	1.0	mg/Kg	6010B
Calcium		13900		1030	mg/Kg	6010B
Chromium		10.3		2.1	mg/Kg	6010B
Cobalt		5.9	J	10.3	mg/Kg	6010B
Copper		93.8		5.2	mg/Kg	6010B
Iron		51400		310	mg/Kg	6010B
Lead		190		1.0	mg/Kg	6010B
Magnesium		780	J	1030	mg/Kg	6010B
Manganese		117		3.1	mg/Kg	6010B
Nickel		17.9		8.3	mg/Kg	6010B
Potassium		483	J	1030	mg/Kg	6010B
Silver		0.96	J	2.1	mg/Kg	6010B
Sodium		935	J	1030	mg/Kg	6010B
Vanadium		16.3		10.3	mg/Kg	6010B
Zinc		341		6.2	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Mercury		0.28		0.034	mg/Kg	7471A
Percent Moisture		12.0		1.0	%	Moisture
Percent Solids		88.0		1.0	%	Moisture
460-42971-14	**20120731SB-387V3-4N**					
Vinyl chloride		2.3		1.7	ug/Kg	8260B
Methylene Chloride		0.69	J B	1.7	ug/Kg	8260B
Acetone		26		17	ug/Kg	8260B
Carbon disulfide		1.0	J	1.7	ug/Kg	8260B
cis-1,2-Dichloroethene		0.39	J	1.7	ug/Kg	8260B
1,2-Dichloroethane		0.92	J	1.7	ug/Kg	8260B
Benzene		0.48	J	1.7	ug/Kg	8260B
Isopropylbenzene		0.35	J	1.7	ug/Kg	8260B
Methylcyclohexane		0.63	J	1.7	ug/Kg	8260B
Bis(2-chloroethyl)ether		270		39	ug/Kg	8270C
Naphthalene		200	J	390	ug/Kg	8270C
2-Methylnaphthalene		92	J	390	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		130	J	390	ug/Kg	8270C
4,4'-DDD		140		7.8	ug/Kg	8081A
4,4'-DDE		10		7.8	ug/Kg	8081A
4,4'-DDT		9.8		7.8	ug/Kg	8081A
Aluminum		13600		43.7	mg/Kg	6010B
Arsenic		6.3		1.1	mg/Kg	6010B
Barium		254		43.7	mg/Kg	6010B
Beryllium		1.4		0.44	mg/Kg	6010B
Calcium		22700		1090	mg/Kg	6010B
Chromium		9.6		2.2	mg/Kg	6010B
Cobalt		4.1	J	10.9	mg/Kg	6010B
Copper		14.3		5.5	mg/Kg	6010B
Iron		47500		328	mg/Kg	6010B
Lead		6.5		1.1	mg/Kg	6010B
Magnesium		897	J	1090	mg/Kg	6010B
Manganese		169		3.3	mg/Kg	6010B
Nickel		11.6		8.7	mg/Kg	6010B
Potassium		774	J	1090	mg/Kg	6010B
Sodium		1180		1090	mg/Kg	6010B
Vanadium		18.0		10.9	mg/Kg	6010B
Zinc		13.3		6.6	mg/Kg	6010B
Percent Moisture		14.5		1.0	%	Moisture
Percent Solids		85.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42971-16	**20120731FD**					
1,2-Dichloroethane		290		260	ug/Kg	8260B
Benzene		28	J	260	ug/Kg	8260B
m&p-Xylene		72000		530	ug/Kg	8260B
o-Xylene		12000		260	ug/Kg	8260B
Ethylbenzene		4700		260	ug/Kg	8260B
Chlorobenzene		110	J	260	ug/Kg	8260B
Cyclohexane		110	J	260	ug/Kg	8260B
Isopropylbenzene		5800		260	ug/Kg	8260B
Trichloroethene		33	J	260	ug/Kg	8260B
Toluene		660		260	ug/Kg	8260B
1,2-Dichlorobenzene		260		260	ug/Kg	8260B
1,3-Dichlorobenzene		69	J	260	ug/Kg	8260B
1,4-Dichlorobenzene		190	J	260	ug/Kg	8260B
1,2,4-Trichlorobenzene		1100		260	ug/Kg	8260B
Acenaphthene		1500	J D	8900	ug/Kg	8270C
Dibenzofuran		1200	J D	8900	ug/Kg	8270C
Fluorene		1800	J D	8900	ug/Kg	8270C
Fluoranthene		3900	J D	8900	ug/Kg	8270C
Anthracene		1300	J D	8900	ug/Kg	8270C
Phenanthrene		5300	J D	8900	ug/Kg	8270C
Pyrene		3400	J D	8900	ug/Kg	8270C
Chrysene		2100	J D	8900	ug/Kg	8270C
Benzo[k]fluoranthene		770	J D	890	ug/Kg	8270C
Benzo[g,h,i]perylene		1700	J D	8900	ug/Kg	8270C
Benzo[b]fluoranthene		1700	D	890	ug/Kg	8270C
Benzo[a]pyrene		2000	D	890	ug/Kg	8270C
Benzo[a]anthracene		1800	D	890	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		100000	D	8900	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1600	D	890	ug/Kg	8270C
Dibenz(a,h)anthracene		450	J D	890	ug/Kg	8270C
4,4'-DDE		2800		90	ug/Kg	8081A
4,4'-DDT		65	J p	90	ug/Kg	8081A
Heptachlor epoxide		93	p	90	ug/Kg	8081A
Aluminum		2450		244	mg/Kg	6010B
Antimony		396		12.2	mg/Kg	6010B
Arsenic		1530		6.1	mg/Kg	6010B
Barium		361		244	mg/Kg	6010B
Calcium		3660	J	6090	mg/Kg	6010B
Chromium		15.2		12.2	mg/Kg	6010B
Cobalt		33.0	J	60.9	mg/Kg	6010B
Copper		622		30.5	mg/Kg	6010B
Iron		147000		183	mg/Kg	6010B
Lead		11600		6.1	mg/Kg	6010B
Magnesium		531	J	6090	mg/Kg	6010B
Manganese		121		18.3	mg/Kg	6010B
Nickel		30.2	J	48.7	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-42971-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Selenium		19.0		12.2	mg/Kg	6010B
Silver		26.1		12.2	mg/Kg	6010B
Thallium		83.9		12.2	mg/Kg	6010B
Vanadium		13.5	J	60.9	mg/Kg	6010B
Zinc		489		36.6	mg/Kg	6010B
Mercury		10.4		0.44	mg/Kg	7471A
Percent Moisture		25.4		1.0	%	Moisture
Percent Solids		74.6		1.0	%	Moisture

METHOD SUMMARY

Client: URS Corporation

Job Number: 460-42971-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 460-42971-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD
SW846 8260B	Martinez, Eddie	EM
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Shalayda, Monica	MS
SW846 8270C	Zhao, Chunxin	CZ
SW846 8081A	Manlangit, Ferdie	FM
SW846 8081A	Patel, Hemex	HP
SW846 6010B	Huang, Yixin	YH
SW846 7470A	Sheikh, Razia B	RBS
SW846 7471A	Staib, Thomas	TS
EPA Moisture	Chang, Ryan	RC

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V0-2N**

Lab Sample ID: 460-42971-1

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 07/31/2012 0910

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123838	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63354.d
Dilution:	1.0			Initial Weight/Volume:	3.91 g
Analysis Date:	08/13/2012 2146			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1727				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.23	U	0.23	1.5
Bromomethane		0.63	U	0.63	1.5
Vinyl chloride		0.49	U	0.49	1.5
Chloroethane		0.48	U	0.48	1.5
Methylene Chloride		0.39	J B	0.22	1.5
Acetone		5.9	J B	2.5	15
Carbon disulfide		0.22	U	0.22	1.5
Trichlorofluoromethane		23	B	0.23	1.5
1,1-Dichloroethene		0.28	U	0.28	1.5
1,1-Dichloroethane		0.16	U	0.16	1.5
trans-1,2-Dichloroethene		0.19	U	0.19	1.5
cis-1,2-Dichloroethene		0.16	U	0.16	1.5
Chloroform		0.35	U	0.35	1.5
2-Butanone		0.92	U	0.92	15
1,2-Dichloroethane		0.26	U	0.26	1.5
1,1,1-Trichloroethane		0.19	U	0.19	1.5
Carbon tetrachloride		0.22	U	0.22	1.5
Benzene		0.22	U	0.22	1.5
Bromoform		0.25	U	0.25	1.5
Styrene		0.41	U	0.41	1.5
m&p-Xylene		0.86	U	0.86	2.9
o-Xylene		0.28	U	0.28	1.5
Ethylbenzene		0.25	U	0.25	1.5
Chlorobenzene		0.26	U	0.26	1.5
Cyclohexane		0.19	U	0.19	1.5
Isopropylbenzene		0.16	U	0.16	1.5
2-Hexanone		0.19	U	0.19	15
MTBE		0.16	U	0.16	1.5
Freon TF		0.16	U	0.16	1.5
Methyl acetate		0.47	U	0.47	1.5
1,4-Dioxane		18	U	18	73
Trichloroethene		0.17	U	0.17	1.5
Toluene		0.20	U	0.20	1.5
trans-1,3-Dichloropropene		0.15	U	0.15	1.5
4-Methyl-2-pentanone		0.29	U	0.29	15
cis-1,3-Dichloropropene		0.20	U	0.20	1.5
1,2-Dichlorobenzene		0.15	U	0.15	1.5
1,3-Dichlorobenzene		0.23	U	0.23	1.5
1,4-Dichlorobenzene		0.16	U	0.16	1.5
1,2,4-Trichlorobenzene		0.28	U	0.28	1.5
1,2,3-Trichlorobenzene		0.23	U	0.23	1.5
1,2-Dichloropropane		0.22	U	0.22	1.5
Methylcyclohexane		0.29	J	0.15	1.5
Tetrachloroethene		0.17	U	0.17	1.5
1,2-Dibromo-3-Chloropropane		0.64	U	0.64	1.5
1,1,2,2-Tetrachloroethane		0.13	U	0.13	1.5

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V0-2N**

Lab Sample ID: 460-42971-1

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 07/31/2012 0910

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123838	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63354.d
Dilution:	1.0			Initial Weight/Volume:	3.91 g
Analysis Date:	08/13/2012 2146			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1727				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.20	U	0.20	1.5
Dibromochloromethane		0.15	U	0.15	1.5
1,2-Dibromoethane		0.22	U	0.22	1.5
Dichlorodifluoromethane		0.32	U	0.32	1.5
Bromochloromethane		0.16	U	0.16	1.5
Bromodichloromethane		0.47	U	0.47	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	105		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V6-7N**

Lab Sample ID: 460-42971-2

Client Matrix: Solid

% Moisture: 31.2

Date Sampled: 07/31/2012 0905

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-122835	Instrument ID:	VOAMS9
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	k03063.d
Dilution:	1.0			Initial Weight/Volume:	5.05 g
Analysis Date:	08/07/2012 0236			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1728				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.23	U	0.23	1.4
Bromomethane		0.62	U	0.62	1.4
Vinyl chloride		0.49	U	0.49	1.4
Chloroethane		0.47	U	0.47	1.4
Methylene Chloride		0.76	J B	0.22	1.4
Acetone		5.3	J	2.4	14
Carbon disulfide		0.22	U	0.22	1.4
Trichlorofluoromethane		4.1		0.23	1.4
1,1-Dichloroethene		0.27	U	0.27	1.4
1,1-Dichloroethane		0.16	U	0.16	1.4
trans-1,2-Dichloroethene		0.19	U	0.19	1.4
cis-1,2-Dichloroethene		0.16	U	0.16	1.4
Chloroform		0.35	U	0.35	1.4
2-Butanone		0.91	U *	0.91	14
1,2-Dichloroethane		0.26	U	0.26	1.4
1,1,1-Trichloroethane		0.19	U	0.19	1.4
Carbon tetrachloride		0.22	U	0.22	1.4
Benzene		0.22	U	0.22	1.4
Bromoform		0.24	U	0.24	1.4
Styrene		0.40	U	0.40	1.4
m&p-Xylene		0.85	U	0.85	2.9
o-Xylene		0.27	U	0.27	1.4
Ethylbenzene		0.24	U	0.24	1.4
Chlorobenzene		0.26	U	0.26	1.4
Cyclohexane		0.19	U	0.19	1.4
Isopropylbenzene		0.16	U	0.16	1.4
2-Hexanone		0.19	U *	0.19	14
MTBE		0.16	U	0.16	1.4
Freon TF		0.16	U	0.16	1.4
Methyl acetate		0.46	U	0.46	1.4
1,4-Dioxane		18	U	18	72
Trichloroethene		0.17	U	0.17	1.4
Toluene		0.20	U	0.20	1.4
trans-1,3-Dichloropropene		0.14	U	0.14	1.4
4-Methyl-2-pentanone		0.29	U *	0.29	14
cis-1,3-Dichloropropene		0.20	U	0.20	1.4
1,2-Dichlorobenzene		0.14	U	0.14	1.4
1,3-Dichlorobenzene		0.23	U	0.23	1.4
1,4-Dichlorobenzene		0.16	U	0.16	1.4
1,2,4-Trichlorobenzene		0.27	U	0.27	1.4
1,2,3-Trichlorobenzene		0.23	U	0.23	1.4
1,2-Dichloropropane		0.22	U	0.22	1.4
Methylcyclohexane		0.14	U	0.14	1.4
Tetrachloroethene		0.17	U	0.17	1.4
1,2-Dibromo-3-Chloropropane		0.63	U	0.63	1.4
1,1,2,2-Tetrachloroethane		0.13	U	0.13	1.4

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V6-7N**

Lab Sample ID: 460-42971-2

Client Matrix: Solid

% Moisture: 31.2

Date Sampled: 07/31/2012 0905

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-122835	Instrument ID:	VOAMS9
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	k03063.d
Dilution:	1.0			Initial Weight/Volume:	5.05 g
Analysis Date:	08/07/2012 0236			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1728				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.20	U	0.20	1.4
Dibromochloromethane		0.14	U	0.14	1.4
1,2-Dibromoethane		0.22	U	0.22	1.4
Dichlorodifluoromethane		0.32	U	0.32	1.4
Bromochloromethane		0.16	U	0.16	1.4
Bromodichloromethane		0.46	U	0.46	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	104		70 - 130
Bromofluorobenzene	101		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V0-2N**

Lab Sample ID: 460-42971-3

Client Matrix: Solid

% Moisture: 28.0

Date Sampled: 07/31/2012 0925

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63258.d
Dilution:	1.0			Initial Weight/Volume:	3.76 g
Analysis Date:	08/10/2012 0450			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1729				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.30	U	0.30	1.8
Bromomethane		0.79	U	0.79	1.8
Vinyl chloride		0.63	U	0.63	1.8
Chloroethane		0.61	U	0.61	1.8
Methylene Chloride		0.54	J B	0.28	1.8
Acetone		44	B	3.1	18
Carbon disulfide		0.28	U	0.28	1.8
Trichlorofluoromethane		0.30	U	0.30	1.8
1,1-Dichloroethene		0.35	U	0.35	1.8
1,1-Dichloroethane		0.20	U	0.20	1.8
trans-1,2-Dichloroethene		0.24	U	0.24	1.8
cis-1,2-Dichloroethene		0.20	U	0.20	1.8
Chloroform		0.44	U	0.44	1.8
2-Butanone		7.5	J	1.2	18
1,2-Dichloroethane		0.33	U	0.33	1.8
1,1,1-Trichloroethane		0.24	U	0.24	1.8
Carbon tetrachloride		0.28	U	0.28	1.8
Benzene		0.28	U	0.28	1.8
Bromoform		0.31	U	0.31	1.8
Styrene		0.52	U	0.52	1.8
m&p-Xylene		1.1	U	1.1	3.7
o-Xylene		0.35	U	0.35	1.8
Ethylbenzene		0.31	U	0.31	1.8
Chlorobenzene		0.33	U	0.33	1.8
Cyclohexane		0.24	U	0.24	1.8
Isopropylbenzene		0.20	U	0.20	1.8
2-Hexanone		0.24	U	0.24	18
MTBE		0.20	U	0.20	1.8
Freon TF		0.20	U	0.20	1.8
Methyl acetate		0.59	U	0.59	1.8
1,4-Dioxane		23	U	23	92
Trichloroethene		0.22	U	0.22	1.8
Toluene		0.27	J	0.26	1.8
trans-1,3-Dichloropropene		0.18	U	0.18	1.8
4-Methyl-2-pentanone		0.37	U	0.37	18
cis-1,3-Dichloropropene		0.26	U	0.26	1.8
1,2-Dichlorobenzene		0.18	U	0.18	1.8
1,3-Dichlorobenzene		0.30	U	0.30	1.8
1,4-Dichlorobenzene		0.20	U	0.20	1.8
1,2,4-Trichlorobenzene		0.35	U	0.35	1.8
1,2,3-Trichlorobenzene		0.30	U	0.30	1.8
1,2-Dichloropropane		0.28	U	0.28	1.8
Methylcyclohexane		0.18	U	0.18	1.8
Tetrachloroethene		0.22	U	0.22	1.8
1,2-Dibromo-3-Chloropropane		0.81	U	0.81	1.8
1,1,2,2-Tetrachloroethane		0.17	U	0.17	1.8

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V0-2N**

Lab Sample ID: 460-42971-3

Client Matrix: Solid

% Moisture: 28.0

Date Sampled: 07/31/2012 0925

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63258.d
Dilution:	1.0			Initial Weight/Volume:	3.76 g
Analysis Date:	08/10/2012 0450			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1729				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.26	U	0.26	1.8
Dibromochloromethane		0.18	U	0.18	1.8
1,2-Dibromoethane		0.28	U	0.28	1.8
Dichlorodifluoromethane		0.41	U	0.41	1.8
Bromochloromethane		0.20	U	0.20	1.8
Bromodichloromethane		0.59	U	0.59	1.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	106		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V5-6N**

Lab Sample ID: 460-42971-6

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 0935

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-122182	Lab File ID:	d23222.d
Dilution:	100			Initial Weight/Volume:	4.66 g
Analysis Date:	08/09/2012 1508			Final Weight/Volume:	10 mL
Prep Date:	08/01/2012 1644				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		29	U	29	300
Bromomethane		54	U	54	300
Vinyl chloride		43	U	43	300
Chloroethane		50	U	50	300
Methylene Chloride		54	U	54	300
Acetone		790	U	790	1500
Carbon disulfide		37	U	37	300
Trichlorofluoromethane		43	U	43	300
1,1-Dichloroethene		26	U	26	300
1,1-Dichloroethane		38	U	38	300
trans-1,2-Dichloroethene		38	U	38	300
cis-1,2-Dichloroethene		210	J	52	300
Chloroform		23	U	23	300
2-Butanone		680	U	680	1500
1,2-Dichloroethane		3200		56	300
1,1,1-Trichloroethane		18	U	18	300
Carbon tetrachloride		17	U	17	300
Benzene		62	J	24	300
Bromoform		57	U	57	300
Styrene		35	U	35	300
m&p-Xylene		180000		72	590
o-Xylene		18000		38	300
Ethylbenzene		14000		28	300
Chlorobenzene		250	J	33	300
Cyclohexane		100	J	47	300
Isopropylbenzene		5900		23	300
2-Hexanone		150	U	150	1500
MTBE		41	U	41	300
Freon TF		24	U	24	300
Methyl acetate		99	U	99	590
1,4-Dioxane		11000	U	11000	15000
Trichloroethene		96	J	27	300
Toluene		3400		44	300
trans-1,3-Dichloropropene		72	U	72	300
4-Methyl-2-pentanone		290	U	290	1500
cis-1,3-Dichloropropene		54	U	54	300
1,2-Dichlorobenzene		370		61	300
1,3-Dichlorobenzene		88	J	40	300
1,4-Dichlorobenzene		340		69	300
1,2,4-Trichlorobenzene		960		100	300
1,2,3-Trichlorobenzene		150	U	150	300
1,2-Dichloropropane		25	U	25	300
Methylcyclohexane		40	U	40	300
Tetrachloroethene		29	U	29	300
1,2-Dibromo-3-Chloropropane		120	U	120	300
1,1,2,2-Tetrachloroethane		47	U	47	300

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V5-6N**

Lab Sample ID: 460-42971-6

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 0935

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-122182	Lab File ID:	d23222.d
Dilution:	100			Initial Weight/Volume:	4.66 g
Analysis Date:	08/09/2012 1508			Final Weight/Volume:	10 mL
Prep Date:	08/01/2012 1644				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		55	U	55	300
Dibromochloromethane		59	U	59	300
1,2-Dibromoethane		81	U	81	300
Dichlorodifluoromethane		64	U	64	300
Bromochloromethane		81	U	81	300
Bromodichloromethane		37	U	37	300

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		75 - 135
Toluene-d8 (Surr)	111		59 - 150
Bromofluorobenzene	103		72 - 133

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V0-2N**

Lab Sample ID: 460-42971-7

Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 07/31/2012 1005

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63157.d
Dilution:	1.0			Initial Weight/Volume:	3.81 g
Analysis Date:	08/08/2012 0106			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1732				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.24	U	0.24	1.5
Bromomethane		0.65	U	0.65	1.5
Vinyl chloride		0.51	U	0.51	1.5
Chloroethane		0.50	U	0.50	1.5
Methylene Chloride		0.52	J B	0.23	1.5
Acetone		13	J	2.5	15
Carbon disulfide		0.84	J	0.23	1.5
Trichlorofluoromethane		0.24	U	0.24	1.5
1,1-Dichloroethene		0.29	U	0.29	1.5
1,1-Dichloroethane		0.17	U	0.17	1.5
trans-1,2-Dichloroethene		0.20	U	0.20	1.5
cis-1,2-Dichloroethene		0.17	U	0.17	1.5
Chloroform		0.36	U	0.36	1.5
2-Butanone		0.95	U	0.95	15
1,2-Dichloroethane		0.27	U	0.27	1.5
1,1,1-Trichloroethane		0.20	U	0.20	1.5
Carbon tetrachloride		0.23	U	0.23	1.5
Benzene		0.49	J	0.23	1.5
Bromoform		0.26	U	0.26	1.5
Styrene		0.42	U	0.42	1.5
m&p-Xylene		1.1	J	0.89	3.0
o-Xylene		0.35	J	0.29	1.5
Ethylbenzene		0.31	J	0.26	1.5
Chlorobenzene		0.27	U	0.27	1.5
Cyclohexane		0.20	U	0.20	1.5
Isopropylbenzene		0.17	U	0.17	1.5
2-Hexanone		0.20	U	0.20	15
MTBE		0.17	U	0.17	1.5
Freon TF		0.17	U	0.17	1.5
Methyl acetate		0.48	U	0.48	1.5
1,4-Dioxane		19	U	19	75
Trichloroethene		0.18	U	0.18	1.5
Toluene		39		0.21	1.5
trans-1,3-Dichloropropene		0.15	U	0.15	1.5
4-Methyl-2-pentanone		0.30	U	0.30	15
cis-1,3-Dichloropropene		0.21	U	0.21	1.5
1,2-Dichlorobenzene		0.15	U	0.15	1.5
1,3-Dichlorobenzene		0.24	U	0.24	1.5
1,4-Dichlorobenzene		0.17	U	0.17	1.5
1,2,4-Trichlorobenzene		0.29	U	0.29	1.5
1,2,3-Trichlorobenzene		0.24	U	0.24	1.5
1,2-Dichloropropane		0.23	U	0.23	1.5
Methylcyclohexane		0.31	J	0.15	1.5
Tetrachloroethene		0.30	J	0.18	1.5
1,2-Dibromo-3-Chloropropane		0.66	U	0.66	1.5
1,1,2,2-Tetrachloroethane		0.14	U	0.14	1.5

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V0-2N**

Lab Sample ID: 460-42971-7

Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 07/31/2012 1005

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63157.d
Dilution:	1.0			Initial Weight/Volume:	3.81 g
Analysis Date:	08/08/2012 0106			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1732				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.21	U	0.21	1.5
Dibromochloromethane		0.15	U	0.15	1.5
1,2-Dibromoethane		0.23	U	0.23	1.5
Dichlorodifluoromethane		0.33	U	0.33	1.5
Bromochloromethane		0.17	U	0.17	1.5
Bromodichloromethane		0.48	U	0.48	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	103		70 - 130
Bromofluorobenzene	110		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V7-8N**

Lab Sample ID: 460-42971-8

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 1010

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63259.d
Dilution:	1.0			Initial Weight/Volume:	3.97 g
Analysis Date:	08/10/2012 0515			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1733				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.28	U	0.28	1.7
Bromomethane		0.74	U	0.74	1.7
Vinyl chloride		0.59	U	0.59	1.7
Chloroethane		0.57	U	0.57	1.7
Methylene Chloride		0.48	J B	0.26	1.7
Acetone		2.9	U	2.9	17
Carbon disulfide		0.26	U	0.26	1.7
Trichlorofluoromethane		0.28	U	0.28	1.7
1,1-Dichloroethene		0.33	U	0.33	1.7
1,1-Dichloroethane		0.19	U	0.19	1.7
trans-1,2-Dichloroethene		0.23	U	0.23	1.7
cis-1,2-Dichloroethene		0.19	U	0.19	1.7
Chloroform		0.42	U	0.42	1.7
2-Butanone		1.1	U	1.1	17
1,2-Dichloroethane		0.31	U	0.31	1.7
1,1,1-Trichloroethane		0.23	U	0.23	1.7
Carbon tetrachloride		0.26	U	0.26	1.7
Benzene		0.26	U	0.26	1.7
Bromoform		0.29	U	0.29	1.7
Styrene		0.49	U	0.49	1.7
m&p-Xylene		1.0	U	1.0	3.5
o-Xylene		0.33	U	0.33	1.7
Ethylbenzene		0.29	U	0.29	1.7
Chlorobenzene		0.31	U	0.31	1.7
Cyclohexane		0.23	U	0.23	1.7
Isopropylbenzene		0.19	U	0.19	1.7
2-Hexanone		0.23	U	0.23	17
MTBE		0.19	U	0.19	1.7
Freon TF		0.19	U	0.19	1.7
Methyl acetate		0.55	U	0.55	1.7
1,4-Dioxane		22	U	22	87
Trichloroethene		0.21	U	0.21	1.7
Toluene		0.24	U	0.24	1.7
trans-1,3-Dichloropropene		0.17	U	0.17	1.7
4-Methyl-2-pentanone		0.35	U	0.35	17
cis-1,3-Dichloropropene		0.24	U	0.24	1.7
1,2-Dichlorobenzene		0.17	U	0.17	1.7
1,3-Dichlorobenzene		0.28	U	0.28	1.7
1,4-Dichlorobenzene		0.19	U	0.19	1.7
1,2,4-Trichlorobenzene		0.33	U	0.33	1.7
1,2,3-Trichlorobenzene		0.28	U	0.28	1.7
1,2-Dichloropropane		0.26	U	0.26	1.7
Methylcyclohexane		0.17	U	0.17	1.7
Tetrachloroethene		0.21	U	0.21	1.7
1,2-Dibromo-3-Chloropropane		0.76	U	0.76	1.7
1,1,2,2-Tetrachloroethane		0.16	U	0.16	1.7

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V7-8N**

Lab Sample ID: 460-42971-8

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 1010

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63259.d
Dilution:	1.0			Initial Weight/Volume:	3.97 g
Analysis Date:	08/10/2012 0515			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1733				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.24	U	0.24	1.7
Dibromochloromethane		0.17	U	0.17	1.7
1,2-Dibromoethane		0.26	U	0.26	1.7
Dichlorodifluoromethane		0.38	U	0.38	1.7
Bromochloromethane		0.19	U	0.19	1.7
Bromodichloromethane		0.55	U	0.55	1.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	104		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V0-2N**

Lab Sample ID: 460-42971-9

Client Matrix: Solid

% Moisture: 7.5

Date Sampled: 07/31/2012 1035

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63158.d
Dilution:	1.0			Initial Weight/Volume:	4.36 g
Analysis Date:	08/08/2012 0131			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1734				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.53	U	0.53	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.41	U	0.41	1.2
Methylene Chloride		0.52	J B	0.19	1.2
Acetone		13		2.1	12
Carbon disulfide		0.19	U	0.19	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.24	U	0.24	1.2
1,1-Dichloroethane		0.14	U	0.14	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.14	U	0.14	1.2
Chloroform		0.30	U	0.30	1.2
2-Butanone		0.78	U	0.78	12
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.19	U	0.19	1.2
Benzene		0.76	J	0.19	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.35	U	0.35	1.2
m&p-Xylene		0.73	U	0.73	2.5
o-Xylene		0.52	J	0.24	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.72	J	0.16	1.2
Isopropylbenzene		0.14	U	0.14	1.2
2-Hexanone		0.16	U	0.16	12
MTBE		0.14	U	0.14	1.2
Freon TF		0.14	U	0.14	1.2
Methyl acetate		0.40	U	0.40	1.2
1,4-Dioxane		16	U	16	62
Trichloroethene		0.15	U	0.15	1.2
Toluene		1.1	J	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.25	U	0.25	12
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.14	U	0.14	1.2
1,2,4-Trichlorobenzene		0.24	U	0.24	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2-Dichloropropane		0.19	U	0.19	1.2
Methylcyclohexane		1.4		0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
1,2-Dibromo-3-Chloropropane		0.55	U	0.55	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V0-2N**

Lab Sample ID: 460-42971-9

Client Matrix: Solid

% Moisture: 7.5

Date Sampled: 07/31/2012 1035

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63158.d
Dilution:	1.0			Initial Weight/Volume:	4.36 g
Analysis Date:	08/08/2012 0131			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1734				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.17	U	0.17	1.2
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.19	U	0.19	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.14	U	0.14	1.2
Bromodichloromethane		0.40	U	0.40	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	98		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V7-8N**

Lab Sample ID: 460-42971-10

Client Matrix: Solid

% Moisture: 15.9

Date Sampled: 07/31/2012 1040

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63159.d
Dilution:	1.0			Initial Weight/Volume:	4.84 g
Analysis Date:	08/08/2012 0156			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1735				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.53	U	0.53	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.41	U	0.41	1.2
Methylene Chloride		0.39	J B	0.18	1.2
Acetone		37		2.1	12
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.14	U	0.14	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.14	U	0.14	1.2
Chloroform		0.29	U	0.29	1.2
2-Butanone		0.77	U	0.77	12
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.34	U	0.34	1.2
m&p-Xylene		0.72	U	0.72	2.5
o-Xylene		0.23	U	0.23	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.14	U	0.14	1.2
2-Hexanone		0.16	U	0.16	12
MTBE		0.14	U	0.14	1.2
Freon TF		0.14	U	0.14	1.2
Methyl acetate		0.39	U	0.39	1.2
1,4-Dioxane		16	U	16	61
Trichloroethene		0.15	U	0.15	1.2
Toluene		0.28	J	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.25	U	0.25	12
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.14	U	0.14	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
1,2-Dibromo-3-Chloropropane		0.54	U	0.54	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V7-8N**

Lab Sample ID: 460-42971-10

Client Matrix: Solid

% Moisture: 15.9

Date Sampled: 07/31/2012 1040

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63159.d
Dilution:	1.0			Initial Weight/Volume:	4.84 g
Analysis Date:	08/08/2012 0156			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1735				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.17	U	0.17	1.2
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.14	U	0.14	1.2
Bromodichloromethane		0.39	U	0.39	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	105		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V0-2N**

Lab Sample ID: 460-42971-11

Client Matrix: Solid

% Moisture: 15.8

Date Sampled: 07/31/2012 1100

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63160.d
Dilution:	1.0			Initial Weight/Volume:	5.01 g
Analysis Date:	08/08/2012 0221			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1736				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.51	U	0.51	1.2
Vinyl chloride		0.40	U	0.40	1.2
Chloroethane		0.39	U	0.39	1.2
Methylene Chloride		2.8	B	0.18	1.2
Acetone		2.0	U	2.0	12
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
2-Butanone		0.75	U	0.75	12
1,2-Dichloroethane		0.21	U	0.21	1.2
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.20	U	0.20	1.2
Styrene		0.33	U	0.33	1.2
m&p-Xylene		0.70	U	0.70	2.4
o-Xylene		0.23	U	0.23	1.2
Ethylbenzene		0.20	U	0.20	1.2
Chlorobenzene		0.21	U	0.21	1.2
Cyclohexane		0.15	U	0.15	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.15	U	0.15	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.38	U	0.38	1.2
1,4-Dioxane		15	U	15	59
Trichloroethene		0.14	U	0.14	1.2
Toluene		0.27	J	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.24	U	0.24	12
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.14	U	0.14	1.2
1,2-Dibromo-3-Chloropropane		0.52	U	0.52	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V0-2N**

Lab Sample ID: 460-42971-11

Client Matrix: Solid

% Moisture: 15.8

Date Sampled: 07/31/2012 1100

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63160.d
Dilution:	1.0			Initial Weight/Volume:	5.01 g
Analysis Date:	08/08/2012 0221			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1736				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.17	U	0.17	1.2
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.38	U	0.38	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	101		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V7-8N**

Lab Sample ID: 460-42971-12

Client Matrix: Solid

% Moisture: 30.2

Date Sampled: 07/31/2012 1105

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63161.d
Dilution:	1.0			Initial Weight/Volume:	4.66 g
Analysis Date:	08/08/2012 0245			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1737				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.25	U	0.25	1.5
Bromomethane		0.66	U	0.66	1.5
Vinyl chloride		0.52	U	0.52	1.5
Chloroethane		0.51	U	0.51	1.5
Methylene Chloride		2.3	B	0.23	1.5
Acetone		2.6	U	2.6	15
Carbon disulfide		0.23	U	0.23	1.5
Trichlorofluoromethane		0.25	U	0.25	1.5
1,1-Dichloroethene		0.29	U	0.29	1.5
1,1-Dichloroethane		0.17	U	0.17	1.5
trans-1,2-Dichloroethene		0.20	U	0.20	1.5
cis-1,2-Dichloroethene		0.17	U	0.17	1.5
Chloroform		0.37	U	0.37	1.5
2-Butanone		0.97	U	0.97	15
1,2-Dichloroethane		0.28	U	0.28	1.5
1,1,1-Trichloroethane		0.20	U	0.20	1.5
Carbon tetrachloride		0.23	U	0.23	1.5
Benzene		0.23	U	0.23	1.5
Bromoform		0.26	U	0.26	1.5
Styrene		0.43	U	0.43	1.5
m&p-Xylene		0.91	U	0.91	3.1
o-Xylene		0.29	U	0.29	1.5
Ethylbenzene		0.26	U	0.26	1.5
Chlorobenzene		0.28	U	0.28	1.5
Cyclohexane		0.20	U	0.20	1.5
Isopropylbenzene		0.17	U	0.17	1.5
2-Hexanone		0.20	U	0.20	15
MTBE		0.17	U	0.17	1.5
Freon TF		0.17	U	0.17	1.5
Methyl acetate		0.49	U	0.49	1.5
1,4-Dioxane		20	U	20	77
Trichloroethene		0.18	U	0.18	1.5
Toluene		0.22	U	0.22	1.5
trans-1,3-Dichloropropene		0.15	U	0.15	1.5
4-Methyl-2-pentanone		0.31	U	0.31	15
cis-1,3-Dichloropropene		0.22	U	0.22	1.5
1,2-Dichlorobenzene		0.15	U	0.15	1.5
1,3-Dichlorobenzene		0.25	U	0.25	1.5
1,4-Dichlorobenzene		0.17	U	0.17	1.5
1,2,4-Trichlorobenzene		0.29	U	0.29	1.5
1,2,3-Trichlorobenzene		0.25	U	0.25	1.5
1,2-Dichloropropane		0.23	U	0.23	1.5
Methylcyclohexane		0.15	U	0.15	1.5
Tetrachloroethene		0.18	U	0.18	1.5
1,2-Dibromo-3-Chloropropane		0.68	U	0.68	1.5
1,1,2,2-Tetrachloroethane		0.14	U	0.14	1.5

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V7-8N**

Lab Sample ID: 460-42971-12

Client Matrix: Solid

% Moisture: 30.2

Date Sampled: 07/31/2012 1105

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63161.d
Dilution:	1.0			Initial Weight/Volume:	4.66 g
Analysis Date:	08/08/2012 0245			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1737				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.22	U	0.22	1.5
Dibromochloromethane		0.15	U	0.15	1.5
1,2-Dibromoethane		0.23	U	0.23	1.5
Dichlorodifluoromethane		0.34	U	0.34	1.5
Bromochloromethane		0.17	U	0.17	1.5
Bromodichloromethane		0.49	U	0.49	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	102		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V0-2N**

Lab Sample ID: 460-42971-13

Client Matrix: Solid

% Moisture: 12.0

Date Sampled: 07/31/2012 1230

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63162.d
Dilution:	1.0			Initial Weight/Volume:	4.24 g
Analysis Date:	08/08/2012 0310			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1737				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.21	U	0.21	1.3
Bromomethane		0.58	U	0.58	1.3
Vinyl chloride		0.46	U	0.46	1.3
Chloroethane		0.44	U	0.44	1.3
Methylene Chloride		0.49	J B	0.20	1.3
Acetone		2.3	U	2.3	13
Carbon disulfide		0.20	U	0.20	1.3
Trichlorofluoromethane		0.21	U	0.21	1.3
1,1-Dichloroethene		0.25	U	0.25	1.3
1,1-Dichloroethane		0.15	U	0.15	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3
cis-1,2-Dichloroethene		0.15	U	0.15	1.3
Chloroform		0.32	U	0.32	1.3
2-Butanone		0.84	U	0.84	13
1,2-Dichloroethane		0.24	U	0.24	1.3
1,1,1-Trichloroethane		0.17	U	0.17	1.3
Carbon tetrachloride		0.20	U	0.20	1.3
Benzene		0.34	J	0.20	1.3
Bromoform		0.23	U	0.23	1.3
Styrene		0.38	U	0.38	1.3
m&p-Xylene		0.79	U	0.79	2.7
o-Xylene		0.28	J	0.25	1.3
Ethylbenzene		0.23	U	0.23	1.3
Chlorobenzene		0.24	U	0.24	1.3
Cyclohexane		1.4		0.17	1.3
Isopropylbenzene		0.15	U	0.15	1.3
2-Hexanone		0.17	U	0.17	13
MTBE		0.15	U	0.15	1.3
Freon TF		0.15	U	0.15	1.3
Methyl acetate		0.43	U	0.43	1.3
1,4-Dioxane		17	U	17	67
Trichloroethene		0.16	U	0.16	1.3
Toluene		0.45	J	0.19	1.3
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
4-Methyl-2-pentanone		0.27	U	0.27	13
cis-1,3-Dichloropropene		0.19	U	0.19	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,3-Dichlorobenzene		0.21	U	0.21	1.3
1,4-Dichlorobenzene		0.15	U	0.15	1.3
1,2,4-Trichlorobenzene		0.25	U	0.25	1.3
1,2,3-Trichlorobenzene		0.21	U	0.21	1.3
1,2-Dichloropropane		0.20	U	0.20	1.3
Methylcyclohexane		2.4		0.13	1.3
Tetrachloroethene		1.6		0.16	1.3
1,2-Dibromo-3-Chloropropane		0.59	U	0.59	1.3
1,1,2,2-Tetrachloroethane		0.12	U	0.12	1.3

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V0-2N**

Lab Sample ID: 460-42971-13

Client Matrix: Solid

% Moisture: 12.0

Date Sampled: 07/31/2012 1230

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63162.d
Dilution:	1.0			Initial Weight/Volume:	4.24 g
Analysis Date:	08/08/2012 0310			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1737				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.19	U	0.19	1.3
Dibromochloromethane		0.13	U	0.13	1.3
1,2-Dibromoethane		0.20	U	0.20	1.3
Dichlorodifluoromethane		0.29	U	0.29	1.3
Bromochloromethane		0.15	U	0.15	1.3
Bromodichloromethane		0.43	U	0.43	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	103		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V3-4N**

Lab Sample ID: 460-42971-14

Client Matrix: Solid

% Moisture: 14.5

Date Sampled: 07/31/2012 1235

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63163.d
Dilution:	1.0			Initial Weight/Volume:	3.53 g
Analysis Date:	08/08/2012 0335			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1738				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.26	U	0.26	1.7
Bromomethane		0.71	U	0.71	1.7
Vinyl chloride		2.3		0.56	1.7
Chloroethane		0.55	U	0.55	1.7
Methylene Chloride		0.69	J B	0.25	1.7
Acetone		26		2.8	17
Carbon disulfide		1.0	J	0.25	1.7
Trichlorofluoromethane		0.26	U	0.26	1.7
1,1-Dichloroethene		0.31	U	0.31	1.7
1,1-Dichloroethane		0.18	U	0.18	1.7
trans-1,2-Dichloroethene		0.22	U	0.22	1.7
cis-1,2-Dichloroethene		0.39	J	0.18	1.7
Chloroform		0.40	U	0.40	1.7
2-Butanone		1.0	U	1.0	17
1,2-Dichloroethane		0.92	J	0.30	1.7
1,1,1-Trichloroethane		0.22	U	0.22	1.7
Carbon tetrachloride		0.25	U	0.25	1.7
Benzene		0.48	J	0.25	1.7
Bromoform		0.28	U	0.28	1.7
Styrene		0.46	U	0.46	1.7
m&p-Xylene		0.98	U	0.98	3.3
o-Xylene		0.31	U	0.31	1.7
Ethylbenzene		0.28	U	0.28	1.7
Chlorobenzene		0.30	U	0.30	1.7
Cyclohexane		0.22	U	0.22	1.7
Isopropylbenzene		0.35	J	0.18	1.7
2-Hexanone		0.22	U	0.22	17
MTBE		0.18	U	0.18	1.7
Freon TF		0.18	U	0.18	1.7
Methyl acetate		0.53	U	0.53	1.7
1,4-Dioxane		21	U	21	83
Trichloroethene		0.20	U	0.20	1.7
Toluene		0.23	U	0.23	1.7
trans-1,3-Dichloropropene		0.17	U	0.17	1.7
4-Methyl-2-pentanone		0.33	U	0.33	17
cis-1,3-Dichloropropene		0.23	U	0.23	1.7
1,2-Dichlorobenzene		0.17	U	0.17	1.7
1,3-Dichlorobenzene		0.26	U	0.26	1.7
1,4-Dichlorobenzene		0.18	U	0.18	1.7
1,2,4-Trichlorobenzene		0.31	U	0.31	1.7
1,2,3-Trichlorobenzene		0.26	U	0.26	1.7
1,2-Dichloropropane		0.25	U	0.25	1.7
Methylcyclohexane		0.63	J	0.17	1.7
Tetrachloroethene		0.20	U	0.20	1.7
1,2-Dibromo-3-Chloropropane		0.73	U	0.73	1.7
1,1,2,2-Tetrachloroethane		0.15	U	0.15	1.7

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V3-4N**

Lab Sample ID: 460-42971-14

Client Matrix: Solid

% Moisture: 14.5

Date Sampled: 07/31/2012 1235

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-122188	Lab File ID:	o63163.d
Dilution:	1.0			Initial Weight/Volume:	3.53 g
Analysis Date:	08/08/2012 0335			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1738				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.23	U	0.23	1.7
Dibromochloromethane		0.17	U	0.17	1.7
1,2-Dibromoethane		0.25	U	0.25	1.7
Dichlorodifluoromethane		0.36	U	0.36	1.7
Bromochloromethane		0.18	U	0.18	1.7
Bromodichloromethane		0.53	U	0.53	1.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	107		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731EB**

Lab Sample ID: 460-42971-15

Client Matrix: Water

Date Sampled: 07/31/2012 1400

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k02963.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1645			Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1645				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
m&p-Xylene	0.25	U	0.25	2.0
o-Xylene	0.13	U	0.13	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731EB**

Lab Sample ID: 460-42971-15

Client Matrix: Water

Date Sampled: 07/31/2012 1400

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k02963.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1645			Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1645				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	89		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731FD**

Lab Sample ID: 460-42971-16

Client Matrix: Solid

% Moisture: 25.4

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-122182	Lab File ID:	d23223.d
Dilution:	100			Initial Weight/Volume:	5.08 g
Analysis Date:	08/09/2012 1531			Final Weight/Volume:	10 mL
Prep Date:	08/01/2012 1648				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		26	U	26	260
Bromomethane		48	U	48	260
Vinyl chloride		38	U	38	260
Chloroethane		45	U	45	260
Methylene Chloride		48	U	48	260
Acetone		710	U	710	1300
Carbon disulfide		33	U	33	260
Trichlorofluoromethane		39	U	39	260
1,1-Dichloroethene		23	U	23	260
1,1-Dichloroethane		34	U	34	260
trans-1,2-Dichloroethene		34	U	34	260
cis-1,2-Dichloroethene		47	U	47	260
Chloroform		21	U	21	260
2-Butanone		610	U	610	1300
1,2-Dichloroethane		290		50	260
1,1,1-Trichloroethane		16	U	16	260
Carbon tetrachloride		15	U	15	260
Benzene		28	J	22	260
Bromoform		51	U	51	260
Styrene		31	U	31	260
m&p-Xylene		72000		65	530
o-Xylene		12000		34	260
Ethylbenzene		4700		25	260
Chlorobenzene		110	J	29	260
Cyclohexane		110	J	42	260
Isopropylbenzene		5800		20	260
2-Hexanone		130	U	130	1300
MTBE		36	U	36	260
Freon TF		22	U	22	260
Methyl acetate		89	U	89	530
1,4-Dioxane		9500	U	9500	13000
Trichloroethene		33	J	24	260
Toluene		660		39	260
trans-1,3-Dichloropropene		64	U	64	260
4-Methyl-2-pentanone		260	U	260	1300
cis-1,3-Dichloropropene		49	U	49	260
1,2-Dichlorobenzene		260		54	260
1,3-Dichlorobenzene		69	J	36	260
1,4-Dichlorobenzene		190	J	61	260
1,2,4-Trichlorobenzene		1100		90	260
1,2,3-Trichlorobenzene		140	U	140	260
1,2-Dichloropropane		23	U	23	260
Methylcyclohexane		36	U	36	260
Tetrachloroethene		26	U	26	260
1,2-Dibromo-3-Chloropropane		110	U	110	260
1,1,2,2-Tetrachloroethane		42	U	42	260

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731FD**

Lab Sample ID: 460-42971-16

Client Matrix: Solid

% Moisture: 25.4

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-122182	Lab File ID:	d23223.d
Dilution:	100			Initial Weight/Volume:	5.08 g
Analysis Date:	08/09/2012 1531			Final Weight/Volume:	10 mL
Prep Date:	08/01/2012 1648				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		50	U	50	260
Dibromochloromethane		53	U	53	260
1,2-Dibromoethane		73	U	73	260
Dichlorodifluoromethane		57	U	57	260
Bromochloromethane		72	U	72	260
Bromodichloromethane		33	U	33	260

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		75 - 135
Toluene-d8 (Surr)	109		59 - 150
Bromofluorobenzene	103		72 - 133

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731TB**

Lab Sample ID: 460-42971-17

Client Matrix: Water

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k02962.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1621			Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1621				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
m&p-Xylene	0.25	U	0.25	2.0
o-Xylene	0.13	U	0.13	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731TB**

Lab Sample ID: 460-42971-17

Client Matrix: Water

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k02962.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1621			Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1621				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	92		70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V0-2N**

Lab Sample ID: 460-42971-1

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 07/31/2012 0910

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28897.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 0803			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		49	U	49	380
2-Methylphenol		64	U	64	380
4-Methylphenol		74	U	74	380
Benzaldehyde		44	U	44	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.1	U	5.1	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.3	U	5.3	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		93	U	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		59	J	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		48	J	48	380
Hexachlorobenzene		5.1	U	5.1	38
Hexachlorocyclopentadiene		44	U	44	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		50	U	50	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		45	U	45	380
Acenaphthylene		44	U	44	380
3-Nitroaniline		130	U	130	760
Acenaphthene		70	J	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		63	J	44	380
Diethyl phthalate		45	U	45	380
Fluorene		92	J	48	380
Fluoranthene		1900		50	380
Di-n-butyl phthalate		200	J	46	380
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	380

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V0-2N**

Lab Sample ID: 460-42971-1

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 07/31/2012 0910

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28897.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 0803			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	380
Anthracene		370	J	46	380
Carbazole		90	J	44	380
Phenanthrene		1300		48	380
Pentachlorophenol		110	U	110	1100
Pyrene		1700		32	380
Chrysene		1100		44	380
Benzo[k]fluoranthene		440		2.9	38
Benzo[g,h,i]perylene		590		28	380
Benzo[b]fluoranthene		1100		2.4	38
Benzo[a]pyrene		930		2.7	38
Benzo[a]anthracene		1100		2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		34	U	34	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		720		7.0	38
Dibenz(a,h)anthracene		140		4.7	38
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		51	U *	51	380
2,3,4,6-Tetrachlorophenol		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	43		38 - 105
Phenol-d5	58		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	52		10 - 120
2-Fluorophenol	41		37 - 125
2-Fluorobiphenyl	52		40 - 109

Client: URS Corporation | Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V6-7N**

Lab Sample ID: 460-42971-2 | Date Sampled: 07/31/2012 0905
Client Matrix: Solid | % Moisture: 31.2 | Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28888.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	08/03/2012 0423			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		64	U	64	480
2-Chlorophenol		63	U	63	480
2-Methylphenol		82	U	82	480
4-Methylphenol		94	U	94	480
Benzaldehyde		56	U	56	480
Acetophenone		74	U	74	480
Bis(2-chloroethyl)ether		6.5	U	6.5	48
2,2'-oxybis[1-chloropropane]		53	U	53	480
N-Nitrosodi-n-propylamine		8.0	U	8.0	48
Nitrobenzene		6.8	U	6.8	48
Hexachloroethane		5.3	U	5.3	48
Isophorone		58	U	58	480
2-Nitrophenol		53	U	53	480
2,4-Dimethylphenol		120	U	120	480
2,4-Dichlorophenol		70	U	70	480
Bis(2-chloroethoxy)methane		62	U	62	480
Naphthalene		55	U	55	480
4-Chloroaniline		130	U	130	480
Hexachlorobutadiene		12	U	12	97
Caprolactam		110	U	110	480
4-Chloro-3-methylphenol		72	U	72	480
2-Methylnaphthalene		62	U	62	480
Hexachlorobenzene		6.5	U	6.5	48
Hexachlorocyclopentadiene		56	U	56	480
2,4,6-Trichlorophenol		56	U	56	480
2,4,5-Trichlorophenol		62	U	62	480
Diphenyl		64	U	64	480
2-Chloronaphthalene		53	U	53	480
2-Nitroaniline		200	U	200	970
2,6-Dinitrotoluene		14	U	14	97
Dimethyl phthalate		57	U	57	480
Acenaphthylene		57	U	57	480
3-Nitroaniline		170	U	170	970
Acenaphthene		70	U	70	480
4-Nitrophenol		310	U	310	1400
2,4-Dinitrophenol		270	U	270	1400
Dibenzofuran		56	U	56	480
Diethyl phthalate		57	U	57	480
Fluorene		61	U	61	480
Fluoranthene		120	J	64	480
Di-n-butyl phthalate		59	U	59	480
2,4-Dinitrotoluene		16	U	16	97
4-Chlorophenyl phenyl ether		56	U	56	480
4-Nitroaniline		150	U	150	970
4,6-Dinitro-2-methylphenol		130	U	130	1400
4-Bromophenyl phenyl ether		48	U	48	480

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V6-7N**

Lab Sample ID: 460-42971-2

Client Matrix: Solid

% Moisture: 31.2

Date Sampled: 07/31/2012 0905

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28888.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	08/03/2012 0423			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		74	U	74	480
Anthracene		58	U	58	480
Carbazole		57	U	57	480
Phenanthrene		77	J	61	480
Pentachlorophenol		140	U	140	1400
Pyrene		100	J	40	480
Chrysene		67	J	56	480
Benzo[k]fluoranthene		37	J	3.6	48
Benzo[g,h,i]perylene		35	U	35	480
Benzo[b]fluoranthene		63		3.0	48
Benzo[a]pyrene		57		3.4	48
Benzo[a]anthracene		67		3.3	48
N-Nitrosodiphenylamine		47	U	47	480
Butyl benzyl phthalate		44	U	44	480
Bis(2-ethylhexyl) phthalate		160	U	160	480
Di-n-octyl phthalate		31	U	31	480
Indeno[1,2,3-cd]pyrene		29	J	8.9	48
Dibenz(a,h)anthracene		6.0	U	6.0	48
3,3'-Dichlorobenzidine		170	U	170	970
1,2,4,5-Tetrachlorobenzene		64	U *	64	480
2,3,4,6-Tetrachlorophenol		62	U	62	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	39		38 - 105
Phenol-d5	52		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	40		37 - 125
2-Fluorobiphenyl	41		40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V0-2N**

Lab Sample ID: 460-42971-3

Client Matrix: Solid

% Moisture: 28.0

Date Sampled: 07/31/2012 0925

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-122438	Lab File ID:	uu79143.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 2128			Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		230	J	62	460
2-Chlorophenol		60	U	60	460
2-Methylphenol		78	U	78	460
4-Methylphenol		90	U	90	460
Benzaldehyde		54	U	54	460
Acetophenone		71	U	71	460
Bis(2-chloroethyl)ether		6.3	U	6.3	46
2,2'-oxybis[1-chloropropane]		51	U	51	460
N-Nitrosodi-n-propylamine		7.7	U	7.7	46
Nitrobenzene		6.5	U	6.5	46
Hexachloroethane		5.1	U	5.1	46
Isophorone		56	U	56	460
2-Nitrophenol		51	U	51	460
2,4-Dimethylphenol		110	U	110	460
2,4-Dichlorophenol		67	U	67	460
Bis(2-chloroethoxy)methane		59	U	59	460
Naphthalene		330	J	53	460
4-Chloroaniline		120	U	120	460
Hexachlorobutadiene		11	U	11	93
Caprolactam		110	U	110	460
4-Chloro-3-methylphenol		69	U	69	460
2-Methylnaphthalene		180	J	59	460
Hexachlorobenzene		6.3	U	6.3	46
Hexachlorocyclopentadiene		54	U	54	460
2,4,6-Trichlorophenol		54	U	54	460
2,4,5-Trichlorophenol		59	U	59	460
Diphenyl		88	J	62	460
2-Chloronaphthalene		51	U	51	460
2-Nitroaniline		190	U	190	930
2,6-Dinitrotoluene		14	U	14	93
Dimethyl phthalate		54	U	54	460
Acenaphthylene		440	J	54	460
3-Nitroaniline		160	U	160	930
Acenaphthene		200	J	67	460
4-Nitrophenol		300	U	300	1400
2,4-Dinitrophenol		260	U	260	1400
Dibenzofuran		350	J	54	460
Diethyl phthalate		55	U	55	460
Fluorene		250	J	59	460
Fluoranthene		6000		61	460
Di-n-butyl phthalate		57	U	57	460
2,4-Dinitrotoluene		15	U	15	93
4-Chlorophenyl phenyl ether		54	U	54	460
4-Nitroaniline		140	U	140	930
4,6-Dinitro-2-methylphenol		130	U	130	1400
4-Bromophenyl phenyl ether		46	U	46	460

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V0-2N**

Lab Sample ID: 460-42971-3

Client Matrix: Solid

% Moisture: 28.0

Date Sampled: 07/31/2012 0925

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-122438	Lab File ID:	uu79143.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 2128			Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		71	U	71	460
Anthracene		1100		56	460
Carbazole		340	J	54	460
Phenanthrene		4100		58	460
Pentachlorophenol		140	U	140	1400
Pyrene		4600		38	460
Chrysene		4700		54	460
Benzo[k]fluoranthene		3100		3.5	46
Benzo[g,h,i]perylene		1300		34	460
Benzo[b]fluoranthene		7200		2.9	46
Benzo[a]pyrene		4500		3.3	46
Benzo[a]anthracene		3700		3.2	46
N-Nitrosodiphenylamine		45	U	45	460
Butyl benzyl phthalate		42	U	42	460
Bis(2-ethylhexyl) phthalate		150	U	150	460
Di-n-octyl phthalate		29	U	29	460
Indeno[1,2,3-cd]pyrene		1700		8.5	46
Dibenz(a,h)anthracene		570		5.8	46
3,3'-Dichlorobenzidine		160	U	160	930
1,2,4,5-Tetrachlorobenzene		62	U	62	460
2,3,4,6-Tetrachlorophenol		60	U	60	460

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	64		38 - 105
Phenol-d5	61		41 - 118
Terphenyl-d14	53		16 - 151
2,4,6-Tribromophenol	59		10 - 120
2-Fluorophenol	61		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V5-6N**

Lab Sample ID: 460-42971-6

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 0935

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29034.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	08/08/2012 0051			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	J	300	2300
2-Chlorophenol		300	U	300	2300
2-Methylphenol		390	U	390	2300
4-Methylphenol		450	U	450	2300
Benzaldehyde		270	U	270	2300
Acetophenone		350	U	350	2300
Bis(2-chloroethyl)ether		31	U	31	230
2,2'-oxybis[1-chloropropane]		250	U	250	2300
N-Nitrosodi-n-propylamine		38	U	38	230
Nitrobenzene		32	U	32	230
Hexachloroethane		25	U	25	230
Isophorone		280	U	280	2300
2-Nitrophenol		250	U	250	2300
2,4-Dimethylphenol		560	U	560	2300
2,4-Dichlorophenol		330	U	330	2300
Bis(2-chloroethoxy)methane		290	U	290	2300
Naphthalene		1100	J	260	2300
4-Chloroaniline		600	U	600	2300
Hexachlorobutadiene		55	U	55	460
Caprolactam		520	U	520	2300
4-Chloro-3-methylphenol		340	U	340	2300
2-Methylnaphthalene		1200	J	290	2300
Hexachlorobenzene		31	U	31	230
Hexachlorocyclopentadiene		270	U	270	2300
2,4,6-Trichlorophenol		270	U	270	2300
2,4,5-Trichlorophenol		290	U	290	2300
Diphenyl		300	U	300	2300
2-Chloronaphthalene		250	U	250	2300
2-Nitroaniline		950	U	950	4600
2,6-Dinitrotoluene		68	U	68	460
Dimethyl phthalate		270	U	270	2300
Acenaphthylene		270	U	270	2300
3-Nitroaniline		800	U	800	4600
Acenaphthene		920	J	330	2300
4-Nitrophenol		1500	U	1500	6900
2,4-Dinitrophenol		1300	U	1300	6900
Dibenzofuran		850	J	270	2300
Diethyl phthalate		270	U	270	2300
Fluorene		1300	J	290	2300
Fluoranthene		2300		300	2300
Di-n-butyl phthalate		280	U	280	2300
2,4-Dinitrotoluene		75	U	75	460
4-Chlorophenyl phenyl ether		270	U	270	2300
4-Nitroaniline		710	U	710	4600
4,6-Dinitro-2-methylphenol		620	U	620	6900
4-Bromophenyl phenyl ether		230	U	230	2300

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V5-6N**

Lab Sample ID: 460-42971-6

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 0935

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29034.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	08/08/2012 0051			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	350	2300
Anthracene		750	J	280	2300
Carbazole		270	U	270	2300
Phenanthrene		4200		290	2300
Pentachlorophenol		680	U	680	6900
Pyrene		2000	J	190	2300
Chrysene		1000	J	270	2300
Benzo[k]fluoranthene		280		17	230
Benzo[g,h,i]perylene		450	J	170	2300
Benzo[b]fluoranthene		670		14	230
Benzo[a]pyrene		550		16	230
Benzo[a]anthracene		840		16	230
N-Nitrosodiphenylamine		220	U	220	2300
Butyl benzyl phthalate		210	U	210	2300
Bis(2-ethylhexyl) phthalate		34000		760	2300
Di-n-octyl phthalate		140	U	140	2300
Indeno[1,2,3-cd]pyrene		480		42	230
Dibenz(a,h)anthracene		130	J	29	230
3,3'-Dichlorobenzidine		800	U	800	4600
1,2,4,5-Tetrachlorobenzene		310	U *	310	2300
2,3,4,6-Tetrachlorophenol		300	U	300	2300

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	41		38 - 105
Phenol-d5	51		41 - 118
Terphenyl-d14	73		16 - 151
2,4,6-Tribromophenol	38		10 - 120
2-Fluorophenol	38		37 - 125
2-Fluorobiphenyl	57		40 - 109

Client: URS Corporation | Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V0-2N**

Lab Sample ID: 460-42971-7 | Date Sampled: 07/31/2012 1005
Client Matrix: Solid | % Moisture: 12.7 | Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29031.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/07/2012 2345			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		66	J	65	380
4-Methylphenol		94	J	75	380
Benzaldehyde		45	U	45	380
Acetophenone		440		58	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		140	J	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		300	J	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	77
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		110	J	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	770
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		220	U	220	1100
Dibenzofuran		52	J	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		340	J	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		12	U	12	77
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		38	U	38	380

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V0-2N**

Lab Sample ID: 460-42971-7

Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 07/31/2012 1005

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29031.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/07/2012 2345			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		350	J	48	380
Pentachlorophenol		110	U	110	1100
Pyrene		190	J	32	380
Chrysene		210	J	44	380
Benzo[k]fluoranthene		94		2.9	38
Benzo[g,h,i]perylene		190	J	28	380
Benzo[b]fluoranthene		250		2.4	38
Benzo[a]pyrene		140		2.7	38
Benzo[a]anthracene		130		2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		210		7.0	38
Dibenz(a,h)anthracene		56		4.8	38
3,3'-Dichlorobenzidine		130	U	130	770
1,2,4,5-Tetrachlorobenzene		51	U *	51	380
2,3,4,6-Tetrachlorophenol		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	46		38 - 105
Phenol-d5	53		41 - 118
Terphenyl-d14	69		16 - 151
2,4,6-Tribromophenol	64		10 - 120
2-Fluorophenol	40		37 - 125
2-Fluorobiphenyl	65		40 - 109

Client: URS Corporation | Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V7-8N**

Lab Sample ID: 460-42971-8 | Date Sampled: 07/31/2012 1010
Client Matrix: Solid | % Moisture: 27.3 | Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29030.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/07/2012 2323			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		61	U	61	450
2-Chlorophenol		60	U	60	450
2-Methylphenol		78	U	78	450
4-Methylphenol		90	U	90	450
Benzaldehyde		54	U	54	450
Acetophenone		70	U	70	450
Bis(2-chloroethyl)ether		6.2	U	6.2	45
2,2'-oxybis[1-chloropropane]		50	U	50	450
N-Nitrosodi-n-propylamine		7.6	U	7.6	45
Nitrobenzene		6.5	U	6.5	45
Hexachloroethane		5.1	U	5.1	45
Isophorone		55	U	55	450
2-Nitrophenol		51	U	51	450
2,4-Dimethylphenol		110	U	110	450
2,4-Dichlorophenol		67	U	67	450
Bis(2-chloroethoxy)methane		59	U	59	450
Naphthalene		320	J	53	450
4-Chloroaniline		120	U	120	450
Hexachlorobutadiene		11	U	11	92
Caprolactam		100	U	100	450
4-Chloro-3-methylphenol		69	U	69	450
2-Methylnaphthalene		260	J	58	450
Hexachlorobenzene		6.2	U	6.2	45
Hexachlorocyclopentadiene		54	U	54	450
2,4,6-Trichlorophenol		53	U	53	450
2,4,5-Trichlorophenol		59	U	59	450
Diphenyl		61	U	61	450
2-Chloronaphthalene		51	U	51	450
2-Nitroaniline		190	U	190	920
2,6-Dinitrotoluene		14	U	14	92
Dimethyl phthalate		54	U	54	450
Acenaphthylene		54	U	54	450
3-Nitroaniline		160	U	160	920
Acenaphthene		66	U	66	450
4-Nitrophenol		290	U	290	1400
2,4-Dinitrophenol		260	U	260	1400
Dibenzofuran		110	J	53	450
Diethyl phthalate		54	U	54	450
Fluorene		58	U	58	450
Fluoranthene		630		61	450
Di-n-butyl phthalate		56	U	56	450
2,4-Dinitrotoluene		15	U	15	92
4-Chlorophenyl phenyl ether		53	U	53	450
4-Nitroaniline		140	U	140	920
4,6-Dinitro-2-methylphenol		120	U	120	1400
4-Bromophenyl phenyl ether		45	U	45	450

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V7-8N**

Lab Sample ID: 460-42971-8

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 1010

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29030.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/07/2012 2323			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		70	U	70	450
Anthracene		120	J	55	450
Carbazole		58	J	54	450
Phenanthrene		600		58	450
Pentachlorophenol		140	U	140	1400
Pyrene		600		38	450
Chrysene		370	J	53	450
Benzo[k]fluoranthene		140		3.5	45
Benzo[g,h,i]perylene		360	J	34	450
Benzo[b]fluoranthene		420		2.9	45
Benzo[a]pyrene		260		3.2	45
Benzo[a]anthracene		310		3.2	45
N-Nitrosodiphenylamine		45	U	45	450
Butyl benzyl phthalate		42	U	42	450
Bis(2-ethylhexyl) phthalate		3200		150	450
Di-n-octyl phthalate		29	U	29	450
Indeno[1,2,3-cd]pyrene		370		8.5	45
Dibenz(a,h)anthracene		83		5.7	45
3,3'-Dichlorobenzidine		160	U	160	920
1,2,4,5-Tetrachlorobenzene		61	U *	61	450
2,3,4,6-Tetrachlorophenol		59	U	59	450

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	53		38 - 105
Phenol-d5	57		41 - 118
Terphenyl-d14	69		16 - 151
2,4,6-Tribromophenol	36		10 - 120
2-Fluorophenol	50		37 - 125
2-Fluorobiphenyl	63		40 - 109

Client: URS Corporation | Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V0-2N**

Lab Sample ID: 460-42971-9 | Date Sampled: 07/31/2012 1035
Client Matrix: Solid | % Moisture: 7.5 | Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28895.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	08/03/2012 0714			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		70	U	70	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		43	U	43	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		88	U	88	360
2,4-Dichlorophenol		52	U	52	360
Bis(2-chloroethoxy)methane		46	U	46	360
Naphthalene		110	J	41	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.7	U	8.7	72
Caprolactam		82	U	82	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		150	J	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		46	U	46	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	360
Acenaphthylene		42	U	42	360
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		120	J	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	1100
4-Bromophenyl phenyl ether		35	U	35	360

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V0-2N**

Lab Sample ID: 460-42971-9

Client Matrix: Solid

% Moisture: 7.5

Date Sampled: 07/31/2012 1035

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28895.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	08/03/2012 0714			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	360
Anthracene		43	U	43	360
Carbazole		42	U	42	360
Phenanthrene		120	J	45	360
Pentachlorophenol		110	U	110	1100
Pyrene		110	J	30	360
Chrysene		80	J	42	360
Benzo[k]fluoranthene		34	J	2.7	36
Benzo[g,h,i]perylene		44	J	26	360
Benzo[b]fluoranthene		77		2.3	36
Benzo[a]pyrene		63		2.5	36
Benzo[a]anthracene		73		2.5	36
N-Nitrosodiphenylamine		35	U	35	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		45		6.6	36
Dibenz(a,h)anthracene		10	J	4.5	36
3,3'-Dichlorobenzidine		130	U	130	720
1,2,4,5-Tetrachlorobenzene		48	U *	48	360
2,3,4,6-Tetrachlorophenol		46	U	46	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	48		38 - 105
Phenol-d5	65		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	39		10 - 120
2-Fluorophenol	54		37 - 125
2-Fluorobiphenyl	53		40 - 109

Client: URS Corporation | Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V7-8N**

Lab Sample ID: 460-42971-10 | Date Sampled: 07/31/2012 1040
Client Matrix: Solid | % Moisture: 15.9 | Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29036.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	08/08/2012 0136			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		110	U	110	780
2-Chlorophenol		100	U	100	780
2-Methylphenol		130	U	130	780
4-Methylphenol		150	U	150	780
Benzaldehyde		92	U	92	780
Acetophenone		120	U	120	780
Bis(2-chloroethyl)ether		11	U	11	78
2,2'-oxybis[1-chloropropane]		87	U	87	780
N-Nitrosodi-n-propylamine		13	U	13	78
Nitrobenzene		11	U	11	78
Hexachloroethane		8.7	U	8.7	78
Isophorone		95	U	95	780
2-Nitrophenol		88	U	88	780
2,4-Dimethylphenol		190	U	190	780
2,4-Dichlorophenol		110	U	110	780
Bis(2-chloroethoxy)methane		100	U	100	780
Naphthalene		140	J	91	780
4-Chloroaniline		210	U	210	780
Hexachlorobutadiene		19	U	19	160
Caprolactam		180	U	180	780
4-Chloro-3-methylphenol		120	U	120	780
2-Methylnaphthalene		150	J	100	780
Hexachlorobenzene		11	U	11	78
Hexachlorocyclopentadiene		92	U	92	780
2,4,6-Trichlorophenol		92	U	92	780
2,4,5-Trichlorophenol		100	U	100	780
Diphenyl		110	U	110	780
2-Chloronaphthalene		88	U	88	780
2-Nitroaniline		330	U	330	1600
2,6-Dinitrotoluene		24	U	24	160
Dimethyl phthalate		93	U	93	780
Acenaphthylene		93	U	93	780
3-Nitroaniline		280	U	280	1600
Acenaphthene		490	J	110	780
4-Nitrophenol		510	U	510	2400
2,4-Dinitrophenol		450	U	450	2400
Dibenzofuran		270	J	92	780
Diethyl phthalate		94	U	94	780
Fluorene		590	J	100	780
Fluoranthene		9000		100	780
Di-n-butyl phthalate		97	U	97	780
2,4-Dinitrotoluene		26	U	26	160
4-Chlorophenyl phenyl ether		92	U	92	780
4-Nitroaniline		240	U	240	1600
4,6-Dinitro-2-methylphenol		210	U	210	2400
4-Bromophenyl phenyl ether		78	U	78	780

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V7-8N**

Lab Sample ID: 460-42971-10

Client Matrix: Solid

% Moisture: 15.9

Date Sampled: 07/31/2012 1040

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29036.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	08/08/2012 0136			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		120	U	120	780
Anthracene		2000		95	780
Carbazole		300	J	93	780
Phenanthrene		9600		100	780
Pentachlorophenol		230	U	230	2400
Pyrene		7700		66	780
Chrysene		4700		92	780
Benzo[k]fluoranthene		1400		6.0	78
Benzo[g,h,i]perylene		3200		58	780
Benzo[b]fluoranthene		3600		5.0	78
Benzo[a]pyrene		3900		5.6	78
Benzo[a]anthracene		4300		5.5	78
N-Nitrosodiphenylamine		77	U	77	780
Butyl benzyl phthalate		72	U	72	780
Bis(2-ethylhexyl) phthalate		2600		260	780
Di-n-octyl phthalate		50	U	50	780
Indeno[1,2,3-cd]pyrene		3300		15	78
Dibenz(a,h)anthracene		900		9.9	78
3,3'-Dichlorobenzidine		280	U	280	1600
1,2,4,5-Tetrachlorobenzene		110	U *	110	780
2,3,4,6-Tetrachlorophenol		100	U	100	780

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	37	X	38 - 105
Phenol-d5	43		41 - 118
Terphenyl-d14	62		16 - 151
2,4,6-Tribromophenol	50		10 - 120
2-Fluorophenol	34	X	37 - 125
2-Fluorobiphenyl	50		40 - 109

Client: URS Corporation | Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V0-2N**

Lab Sample ID: 460-42971-11 | Date Sampled: 07/31/2012 1100
Client Matrix: Solid | % Moisture: 15.8 | Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28896.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	08/03/2012 0739			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		53	U	53	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		67	U	67	390
4-Methylphenol		77	U	77	390
Benzaldehyde		46	U	46	390
Acetophenone		60	U	60	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.6	U	5.6	39
Hexachloroethane		4.4	U	4.4	39
Isophorone		47	U	47	390
2-Nitrophenol		44	U	44	390
2,4-Dimethylphenol		97	U	97	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		51	U	51	390
Naphthalene		120	J	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.6	U	9.6	79
Caprolactam		90	U	90	390
4-Chloro-3-methylphenol		59	U	59	390
2-Methylnaphthalene		100	J	50	390
Hexachlorobenzene		5.4	U	5.4	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		51	U	51	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		44	U	44	390
2-Nitroaniline		160	U	160	790
2,6-Dinitrotoluene		12	U	12	79
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	790
Acenaphthene		57	U	57	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		47	U	47	390
Fluorene		50	U	50	390
Fluoranthene		80	J	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	79
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	790
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		39	U	39	390

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V0-2N**

Lab Sample ID: 460-42971-11

Client Matrix: Solid

% Moisture: 15.8

Date Sampled: 07/31/2012 1100

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28896.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	08/03/2012 0739			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		48	U	48	390
Carbazole		46	U	46	390
Phenanthrene		75	J	50	390
Pentachlorophenol		120	U	120	1200
Pyrene		73	J	33	390
Chrysene		61	J	46	390
Benzo[k]fluoranthene		30	J	3.0	39
Benzo[g,h,i]perylene		45	J	29	390
Benzo[b]fluoranthene		69		2.5	39
Benzo[a]pyrene		51		2.8	39
Benzo[a]anthracene		56		2.7	39
N-Nitrosodiphenylamine		39	U	39	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		45		7.3	39
Dibenz(a,h)anthracene		10	J	4.9	39
3,3'-Dichlorobenzidine		140	U	140	790
1,2,4,5-Tetrachlorobenzene		53	U *	53	390
2,3,4,6-Tetrachlorophenol		51	U	51	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	39		38 - 105
Phenol-d5	53		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	52		10 - 120
2-Fluorophenol	38		37 - 125
2-Fluorobiphenyl	46		40 - 109

Client: URS Corporation | Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V7-8N**

Lab Sample ID: 460-42971-12 | Date Sampled: 07/31/2012 1105
Client Matrix: Solid | % Moisture: 30.2 | Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28890.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	08/03/2012 0511			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		64	U	64	470
2-Chlorophenol		62	U	62	470
2-Methylphenol		81	U	81	470
4-Methylphenol		93	U	93	470
Benzaldehyde		56	U	56	470
Acetophenone		73	U	73	470
Bis(2-chloroethyl)ether		6.5	U	6.5	47
2,2'-oxybis[1-chloropropane]		52	U	52	470
N-Nitrosodi-n-propylamine		7.9	U	7.9	47
Nitrobenzene		6.7	U	6.7	47
Hexachloroethane		5.3	U	5.3	47
Isophorone		57	U	57	470
2-Nitrophenol		53	U	53	470
2,4-Dimethylphenol		120	U	120	470
2,4-Dichlorophenol		69	U	69	470
Bis(2-chloroethoxy)methane		61	U	61	470
Naphthalene		55	U	55	470
4-Chloroaniline		130	U	130	470
Hexachlorobutadiene		12	U	12	96
Caprolactam		110	U	110	470
4-Chloro-3-methylphenol		71	U	71	470
2-Methylnaphthalene		61	U	61	470
Hexachlorobenzene		6.5	U	6.5	47
Hexachlorocyclopentadiene		56	U	56	470
2,4,6-Trichlorophenol		55	U	55	470
2,4,5-Trichlorophenol		61	U	61	470
Diphenyl		63	U	63	470
2-Chloronaphthalene		53	U	53	470
2-Nitroaniline		200	U	200	960
2,6-Dinitrotoluene		14	U	14	96
Dimethyl phthalate		56	U	56	470
Acenaphthylene		56	U	56	470
3-Nitroaniline		170	U	170	960
Acenaphthene		69	U	69	470
4-Nitrophenol		300	U	300	1400
2,4-Dinitrophenol		270	U	270	1400
Dibenzofuran		55	U	55	470
Diethyl phthalate		56	U	56	470
Fluorene		61	U	61	470
Fluoranthene		63	U	63	470
Di-n-butyl phthalate		58	U	58	470
2,4-Dinitrotoluene		16	U	16	96
4-Chlorophenyl phenyl ether		55	U	55	470
4-Nitroaniline		150	U	150	960
4,6-Dinitro-2-methylphenol		130	U	130	1400
4-Bromophenyl phenyl ether		47	U	47	470

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V7-8N**

Lab Sample ID: 460-42971-12

Client Matrix: Solid

% Moisture: 30.2

Date Sampled: 07/31/2012 1105

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28890.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	08/03/2012 0511			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		73	U	73	470
Anthracene		58	U	58	470
Carbazole		56	U	56	470
Phenanthrene		60	U	60	470
Pentachlorophenol		140	U	140	1400
Pyrene		40	U	40	470
Chrysene		55	U	55	470
Benzo[k]fluoranthene		3.6	U	3.6	47
Benzo[g,h,i]perylene		35	U	35	470
Benzo[b]fluoranthene		3.0	U	3.0	47
Benzo[a]pyrene		3.3	U	3.3	47
Benzo[a]anthracene		3.3	U	3.3	47
N-Nitrosodiphenylamine		47	U	47	470
Butyl benzyl phthalate		43	U	43	470
Bis(2-ethylhexyl) phthalate		160	U	160	470
Di-n-octyl phthalate		30	U	30	470
Indeno[1,2,3-cd]pyrene		8.8	U	8.8	47
Dibenz(a,h)anthracene		6.0	U	6.0	47
3,3'-Dichlorobenzidine		170	U	170	960
1,2,4,5-Tetrachlorobenzene		64	U *	64	470
2,3,4,6-Tetrachlorophenol		62	U	62	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	58		38 - 105
Phenol-d5	70		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	56		37 - 125
2-Fluorobiphenyl	59		40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V0-2N**

Lab Sample ID: 460-42971-13

Client Matrix: Solid

% Moisture: 12.0

Date Sampled: 07/31/2012 1230

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28894.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 0650			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		74	U	74	370
Benzaldehyde		44	U	44	370
Acetophenone		58	U	58	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		42	U	42	370
N-Nitrosodi-n-propylamine		6.3	U	6.3	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		46	U	46	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		93	U	93	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		49	U	49	370
Naphthalene		330	J	44	370
4-Chloroaniline		100	U	100	370
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		87	U	87	370
4-Chloro-3-methylphenol		57	U	57	370
2-Methylnaphthalene		380		48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		49	U	49	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		45	U	45	370
Acenaphthylene		82	J	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		100	J	55	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		220	J	44	370
Diethyl phthalate		45	U	45	370
Fluorene		260	J	48	370
Fluoranthene		2300		50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V0-2N**

Lab Sample ID: 460-42971-13

Client Matrix: Solid

% Moisture: 12.0

Date Sampled: 07/31/2012 1230

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28894.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 0650			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		490		46	370
Carbazole		130	J	44	370
Phenanthrene		2000		48	370
Pentachlorophenol		110	U	110	1100
Pyrene		1900		31	370
Chrysene		1000		44	370
Benzo[k]fluoranthene		450		2.9	37
Benzo[g,h,i]perylene		580		28	370
Benzo[b]fluoranthene		1100		2.4	37
Benzo[a]pyrene		970		2.7	37
Benzo[a]anthracene		1000		2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		690		7.0	37
Dibenz(a,h)anthracene		110		4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		51	U *	51	370
2,3,4,6-Tetrachlorophenol		49	U	49	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	47		38 - 105
Phenol-d5	64		41 - 118
Terphenyl-d14	87		16 - 151
2,4,6-Tribromophenol	58		10 - 120
2-Fluorophenol	45		37 - 125
2-Fluorobiphenyl	55		40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V3-4N**

Lab Sample ID: 460-42971-14

Client Matrix: Solid

% Moisture: 14.5

Date Sampled: 07/31/2012 1235

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28889.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	08/03/2012 0447			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		45	U	45	390
Acetophenone		59	U	59	390
Bis(2-chloroethyl)ether		270		5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.4	U	6.4	39
Nitrobenzene		5.5	U	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		95	U	95	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		200	J	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		58	U	58	390
2-Methylnaphthalene		92	J	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		45	U	45	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Fluorene		49	U	49	390
Fluoranthene		51	U	51	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	390

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V3-4N**

Lab Sample ID: 460-42971-14

Client Matrix: Solid

% Moisture: 14.5

Date Sampled: 07/31/2012 1235

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x28889.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	08/03/2012 0447			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	1200
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		35	U	35	390
Bis(2-ethylhexyl) phthalate		130	J	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	43		38 - 105
Phenol-d5	62		41 - 118
Terphenyl-d14	70		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	40		37 - 125
2-Fluorobiphenyl	60		40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731EB**

Lab Sample ID: 460-42971-15

Client Matrix: Water

Date Sampled: 07/31/2012 1400

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122357	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-122162	Lab File ID:	x28880.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	08/02/2012 2054			Final Weight/Volume:	2 mL
Prep Date:	08/01/2012 1433			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	0.81	U	0.81	10
2-Chlorophenol	2.2	U	2.2	10
2-Methylphenol	1.8	U	1.8	10
4-Methylphenol	1.6	U	1.6	10
Benzaldehyde	2.0	U	2.0	10
Acetophenone	2.7	U	2.7	10
Bis(2-chloroethyl)ether	0.28	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	2.0	U	2.0	10
N-Nitrosodi-n-propylamine	0.25	U	0.25	1.0
Nitrobenzene	0.30	U	0.30	1.0
Hexachloroethane	0.25	U	0.25	1.0
Isophorone	2.7	U	2.7	10
2-Nitrophenol	2.4	U	2.4	10
2,4-Dimethylphenol	3.4	U	3.4	10
2,4-Dichlorophenol	2.6	U	2.6	10
Bis(2-chloroethoxy)methane	2.6	U	2.6	10
Naphthalene	2.7	U	2.7	10
4-Chloroaniline	2.0	U	2.0	10
Hexachlorobutadiene	0.57	U	0.57	2.0
Caprolactam	2.5	U	2.5	10
4-Chloro-3-methylphenol	2.5	U	2.5	10
2-Methylnaphthalene	3.0	U	3.0	10
Hexachlorobenzene	0.29	U	0.29	1.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
2,4,6-Trichlorophenol	2.4	U	2.4	10
2,4,5-Trichlorophenol	2.6	U	2.6	10
Diphenyl	2.8	U	2.8	10
2-Chloronaphthalene	2.7	U	2.7	10
2-Nitroaniline	4.9	U	4.9	20
2,6-Dinitrotoluene	0.61	U	0.61	2.0
Dimethyl phthalate	2.8	U	2.8	10
Acenaphthylene	2.7	U	2.7	10
3-Nitroaniline	5.0	U	5.0	20
Acenaphthene	2.7	U	2.7	10
4-Nitrophenol	6.7	U	6.7	30
2,4-Dinitrophenol	5.4	U	5.4	30
Dibenzofuran	2.8	U	2.8	10
Diethyl phthalate	2.9	U	2.9	10
Fluorene	2.8	U	2.8	10
Fluoranthene	3.2	U	3.2	10
Di-n-butyl phthalate	2.9	U	2.9	10
2,4-Dinitrotoluene	0.47	U	0.47	2.0
4-Chlorophenyl phenyl ether	2.5	U	2.5	10
4-Nitroaniline	5.8	U	5.8	20
4,6-Dinitro-2-methylphenol	4.7	U	4.7	30
4-Bromophenyl phenyl ether	2.5	U	2.5	10

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731EB**

Lab Sample ID: 460-42971-15

Client Matrix: Water

Date Sampled: 07/31/2012 1400

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-122357	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-122162	Lab File ID:	x28880.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	08/02/2012 2054			Final Weight/Volume:	2 mL
Prep Date:	08/01/2012 1433			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	3.0	U	3.0	10
Anthracene	2.8	U	2.8	10
Carbazole	3.2	U	3.2	10
Phenanthrene	3.1	U	3.1	10
Pentachlorophenol	5.3	U	5.3	30
Pyrene	2.9	U	2.9	10
Chrysene	3.1	U	3.1	10
Benzo[k]fluoranthene	0.26	U	0.26	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[b]fluoranthene	0.26	U	0.26	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.27	U	0.27	1.0
N-Nitrosodiphenylamine	2.9	U	2.9	10
Butyl benzyl phthalate	2.5	U	2.5	10
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
3,3'-Dichlorobenzidine	4.9	U	4.9	20
1,2,4,5-Tetrachlorobenzene	2.6	U	2.6	10
2,3,4,6-Tetrachlorophenol	2.5	U	2.5	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	87		56 - 112
Phenol-d5	26		10 - 48
Terphenyl-d14	82		50 - 122
2,4,6-Tribromophenol	70		46 - 122
2-Fluorophenol	40		10 - 65
2-Fluorobiphenyl	88		53 - 108

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731FD**

Lab Sample ID: 460-42971-16

Client Matrix: Solid

% Moisture: 25.4

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29035.d
Dilution:	20			Initial Weight/Volume:	14.98 g
Analysis Date:	08/08/2012 0114	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1200	U	1200	8900
2-Chlorophenol		1200	U	1200	8900
2-Methylphenol		1500	U	1500	8900
4-Methylphenol		1700	U	1700	8900
Benzaldehyde		1000	U	1000	8900
Acetophenone		1400	U	1400	8900
Bis(2-chloroethyl)ether		120	U	120	890
2,2'-oxybis[1-chloropropane]		980	U	980	8900
N-Nitrosodi-n-propylamine		150	U	150	890
Nitrobenzene		130	U	130	890
Hexachloroethane		99	U	99	890
Isophorone		1100	U	1100	8900
2-Nitrophenol		990	U	990	8900
2,4-Dimethylphenol		2200	U	2200	8900
2,4-Dichlorophenol		1300	U	1300	8900
Bis(2-chloroethoxy)methane		1100	U	1100	8900
Naphthalene		1000	U	1000	8900
4-Chloroaniline		2400	U	2400	8900
Hexachlorobutadiene		220	U	220	1800
Caprolactam		2000	U	2000	8900
4-Chloro-3-methylphenol		1300	U	1300	8900
2-Methylnaphthalene		1100	U	1100	8900
Hexachlorobenzene		120	U	120	890
Hexachlorocyclopentadiene		1000	U	1000	8900
2,4,6-Trichlorophenol		1000	U	1000	8900
2,4,5-Trichlorophenol		1100	U	1100	8900
Diphenyl		1200	U	1200	8900
2-Chloronaphthalene		990	U	990	8900
2-Nitroaniline		3700	U	3700	18000
2,6-Dinitrotoluene		270	U	270	1800
Dimethyl phthalate		1100	U	1100	8900
Acenaphthylene		1000	U	1000	8900
3-Nitroaniline		3100	U	3100	18000
Acenaphthene		1500	J D	1300	8900
4-Nitrophenol		5700	U	5700	27000
2,4-Dinitrophenol		5000	U	5000	27000
Dibenzofuran		1200	J D	1000	8900
Diethyl phthalate		1100	U	1100	8900
Fluorene		1800	J D	1100	8900
Fluoranthene		3900	J D	1200	8900
Di-n-butyl phthalate		1100	U	1100	8900
2,4-Dinitrotoluene		290	U	290	1800
4-Chlorophenyl phenyl ether		1000	U	1000	8900
4-Nitroaniline		2800	U	2800	18000
4,6-Dinitro-2-methylphenol		2400	U	2400	27000
4-Bromophenyl phenyl ether		880	U	880	8900

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731FD**

Lab Sample ID: 460-42971-16

Client Matrix: Solid

% Moisture: 25.4

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-123117	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-122303	Lab File ID:	x29035.d
Dilution:	20			Initial Weight/Volume:	14.98 g
Analysis Date:	08/08/2012 0114	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1400	U	1400	8900
Anthracene		1300	J D	1100	8900
Carbazole		1000	U	1000	8900
Phenanthrene		5300	J D	1100	8900
Pentachlorophenol		2600	U	2600	27000
Pyrene		3400	J D	740	8900
Chrysene		2100	J D	1000	8900
Benzo[k]fluoranthene		770	J D	67	890
Benzo[g,h,i]perylene		1700	J D	660	8900
Benzo[b]fluoranthene		1700	D	56	890
Benzo[a]pyrene		2000	D	63	890
Benzo[a]anthracene		1800	D	62	890
N-Nitrosodiphenylamine		880	U	880	8900
Butyl benzyl phthalate		810	U	810	8900
Bis(2-ethylhexyl) phthalate		100000	D	3000	8900
Di-n-octyl phthalate		570	U	570	8900
Indeno[1,2,3-cd]pyrene		1600	D	170	890
Dibenz(a,h)anthracene		450	J D	110	890
3,3'-Dichlorobenzidine		3100	U	3100	18000
1,2,4,5-Tetrachlorobenzene		1200	U *	1200	8900
2,3,4,6-Tetrachlorophenol		1200	U	1200	8900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	0	D	38 - 105
Phenol-d5	0	D	41 - 118
Terphenyl-d14	0	D	16 - 151
2,4,6-Tribromophenol	0	D	10 - 120
2-Fluorophenol	0	D	37 - 125
2-Fluorobiphenyl	0	D	40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V0-2N**

Lab Sample ID: 460-42971-1

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 07/31/2012 0910

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1435			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.6
alpha-BHC		2.3	J p	1.4	7.6
beta-BHC		1.0	U	1.0	7.6
delta-BHC		1.2	U	1.2	7.6
gamma-BHC (Lindane)		0.89	U	0.89	7.6
Chlordane		16	U	16	76
4,4'-DDD		10		0.91	7.6
4,4'-DDE		37		1.5	7.6
4,4'-DDT		47		0.95	7.6
Dieldrin		1.5	U	1.5	7.6
Endosulfan I		1.6	U	1.6	7.6
Endosulfan II		1.1	U	1.1	7.6
Endosulfan sulfate		0.98	U *	0.98	7.6
Endrin		1.1	U	1.1	7.6
Endrin aldehyde		4.4	J	1.9	7.6
Endrin ketone		1.1	U	1.1	7.6
Heptachlor		9.7		1.1	7.6
Heptachlor epoxide		3.6	J p	1.5	7.6
Methoxychlor		0.85	U	0.85	7.6
Toxaphene		16	U	16	76

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	94		40 - 150
DCB Decachlorobiphenyl	111		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V0-2N**

Lab Sample ID: 460-42971-1

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 07/31/2012 0910

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1435			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	90		40 - 150
DCB Decachlorobiphenyl	107		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V6-7N**

Lab Sample ID: 460-42971-2

Client Matrix: Solid

% Moisture: 31.2

Date Sampled: 07/31/2012 0905

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1449			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		2.1	U	2.1	9.7
alpha-BHC		1.8	U	1.8	9.7
beta-BHC		1.3	U	1.3	9.7
delta-BHC		1.5	U	1.5	9.7
gamma-BHC (Lindane)		1.1	U	1.1	9.7
Chlordane		21	U	21	97
4,4'-DDD		1.2	U	1.2	9.7
4,4'-DDE		1.9	U	1.9	9.7
4,4'-DDT		1.2	U	1.2	9.7
Dieldrin		1.9	U	1.9	9.7
Endosulfan I		2.0	U	2.0	9.7
Endosulfan II		1.5	U	1.5	9.7
Endosulfan sulfate		1.2	U *	1.2	9.7
Endrin		1.4	U	1.4	9.7
Endrin aldehyde		2.4	U	2.4	9.7
Endrin ketone		1.4	U	1.4	9.7
Heptachlor		1.4	U	1.4	9.7
Heptachlor epoxide		2.0	U	2.0	9.7
Methoxychlor		1.1	U	1.1	9.7
Toxaphene		20	U	20	97

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	98		40 - 150
DCB Decachlorobiphenyl	106		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V6-7N**

Lab Sample ID: 460-42971-2

Client Matrix: Solid

% Moisture: 31.2

Date Sampled: 07/31/2012 0905

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1449			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	94		40 - 150
DCB Decachlorobiphenyl	97		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V0-2N**

Lab Sample ID: 460-42971-3

Client Matrix: Solid

% Moisture: 28.0

Date Sampled: 07/31/2012 0925

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1503			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		2.0	U	2.0	9.3
alpha-BHC		1.7	U	1.7	9.3
beta-BHC		1.3	U	1.3	9.3
delta-BHC		1.4	U	1.4	9.3
gamma-BHC (Lindane)		1.1	U	1.1	9.3
Chlordane		20	U	20	93
4,4'-DDD		1.1	U	1.1	9.3
4,4'-DDE		1.8	U	1.8	9.3
4,4'-DDT		1.2	U	1.2	9.3
Dieldrin		1.8	U	1.8	9.3
Endosulfan I		2.0	U	2.0	9.3
Endosulfan II		3.9	J p	1.4	9.3
Endosulfan sulfate		1.2	U *	1.2	9.3
Endrin		1.3	U	1.3	9.3
Endrin aldehyde		2.3	U	2.3	9.3
Endrin ketone		150		1.4	9.3
Heptachlor		1.3	U	1.3	9.3
Heptachlor epoxide		1.9	U	1.9	9.3
Methoxychlor		1.0	U	1.0	9.3
Toxaphene		19	U	19	93

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	99		40 - 150
DCB Decachlorobiphenyl	116		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V0-2N**

Lab Sample ID: 460-42971-3

Client Matrix: Solid

% Moisture: 28.0

Date Sampled: 07/31/2012 0925

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1503			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	98		40 - 150
DCB Decachlorobiphenyl	99		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V5-6N**

Lab Sample ID: 460-42971-6

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 0935

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1547			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		2.0	U	2.0	9.2
alpha-BHC		1.7	U	1.7	9.2
beta-BHC		1.3	U	1.3	9.2
delta-BHC		1.4	U	1.4	9.2
gamma-BHC (Lindane)		1.1	U	1.1	9.2
Chlordane		20	U	20	92
4,4'-DDD		1.1	U	1.1	9.2
4,4'-DDE		680	E	1.8	9.2
4,4'-DDT		1.2	U	1.2	9.2
Dieldrin		3.5	J p	1.8	9.2
Endosulfan I		1.9	U	1.9	9.2
Endosulfan II		6.7	J p	1.4	9.2
Endosulfan sulfate		1.2	U *	1.2	9.2
Endrin		7.1	J p	1.3	9.2
Endrin aldehyde		2.3	U	2.3	9.2
Endrin ketone		5.4	J p	1.4	9.2
Heptachlor		1.3	U	1.3	9.2
Heptachlor epoxide		1.9	U	1.9	9.2
Methoxychlor		1.0	U	1.0	9.2
Toxaphene		19	U	19	92

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		40 - 150
DCB Decachlorobiphenyl	99		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V5-6N**

Lab Sample ID: 460-42971-6

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 0935

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1547			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 150
DCB Decachlorobiphenyl	98		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V0-2N**

Lab Sample ID: 460-42971-7

Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 07/31/2012 1005

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1601			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.7
alpha-BHC		1.4	U	1.4	7.7
beta-BHC		1.0	U	1.0	7.7
delta-BHC		1.2	U	1.2	7.7
gamma-BHC (Lindane)		0.89	U	0.89	7.7
Chlordane		17	U	17	77
4,4'-DDD		0.92	U	0.92	7.7
4,4'-DDE		6.6	J	1.5	7.7
4,4'-DDT		0.96	U	0.96	7.7
Dieldrin		1.5	U	1.5	7.7
Endosulfan I		1.6	U	1.6	7.7
Endosulfan II		1.2	U	1.2	7.7
Endosulfan sulfate		0.99	U *	0.99	7.7
Endrin		1.1	U	1.1	7.7
Endrin aldehyde		1.9	U	1.9	7.7
Endrin ketone		1.1	U	1.1	7.7
Heptachlor		1.1	U	1.1	7.7
Heptachlor epoxide		1.5	U	1.5	7.7
Methoxychlor		0.86	U	0.86	7.7
Toxaphene		16	U	16	77

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	97		40 - 150
DCB Decachlorobiphenyl	114		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V0-2N**

Lab Sample ID: 460-42971-7

Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 07/31/2012 1005

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1601			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		40 - 150
DCB Decachlorobiphenyl	100		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V7-8N**

Lab Sample ID: 460-42971-8

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 1010

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1615			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		2.0	U	2.0	9.2
alpha-BHC		1.7	U	1.7	9.2
beta-BHC		1.3	U	1.3	9.2
delta-BHC		1.4	U	1.4	9.2
gamma-BHC (Lindane)		1.1	U	1.1	9.2
Chlordane		20	U	20	92
4,4'-DDD		7.1	J	1.1	9.2
4,4'-DDE		2.2	J	1.8	9.2
4,4'-DDT		1.2	U	1.2	9.2
Dieldrin		1.8	U	1.8	9.2
Endosulfan I		1.9	U	1.9	9.2
Endosulfan II		1.4	U	1.4	9.2
Endosulfan sulfate		1.2	U *	1.2	9.2
Endrin		1.3	U	1.3	9.2
Endrin aldehyde		2.3	U	2.3	9.2
Endrin ketone		8.9	J	1.4	9.2
Heptachlor		1.3	U	1.3	9.2
Heptachlor epoxide		1.9	U	1.9	9.2
Methoxychlor		1.0	U	1.0	9.2
Toxaphene		19	U	19	92

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	97		40 - 150
DCB Decachlorobiphenyl	105		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V7-8N**

Lab Sample ID: 460-42971-8

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 1010

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1615			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	93		40 - 150
DCB Decachlorobiphenyl	99		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V0-2N**

Lab Sample ID: 460-42971-9

Client Matrix: Solid

% Moisture: 7.5

Date Sampled: 07/31/2012 1035

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1629			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.2
alpha-BHC		1.3	U	1.3	7.2
beta-BHC		0.98	U	0.98	7.2
delta-BHC		1.1	U	1.1	7.2
gamma-BHC (Lindane)		0.84	U	0.84	7.2
Chlordane		16	U	16	72
4,4'-DDD		2.8	J p	0.86	7.2
4,4'-DDE		38		1.4	7.2
4,4'-DDT		26		0.91	7.2
Dieldrin		1.4	U	1.4	7.2
Endosulfan I		1.5	U	1.5	7.2
Endosulfan II		1.1	U	1.1	7.2
Endosulfan sulfate		0.93	U *	0.93	7.2
Endrin		1.0	U	1.0	7.2
Endrin aldehyde		2.7	J	1.8	7.2
Endrin ketone		4.9	J p	1.1	7.2
Heptachlor		1.0	U	1.0	7.2
Heptachlor epoxide		1.5	U	1.5	7.2
Methoxychlor		0.81	U	0.81	7.2
Toxaphene		15	U	15	72

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	96		40 - 150
DCB Decachlorobiphenyl	108		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V0-2N**

Lab Sample ID: 460-42971-9

Client Matrix: Solid

% Moisture: 7.5

Date Sampled: 07/31/2012 1035

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1629			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	92		40 - 150
DCB Decachlorobiphenyl	99		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V7-8N**

Lab Sample ID: 460-42971-10

Client Matrix: Solid

% Moisture: 15.9

Date Sampled: 07/31/2012 1040

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1643			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	8.0
alpha-BHC		1.5	U	1.5	8.0
beta-BHC		1.1	U	1.1	8.0
delta-BHC		1.2	U	1.2	8.0
gamma-BHC (Lindane)		0.93	U	0.93	8.0
Chlordane		17	U	17	80
4,4'-DDD		0.95	U	0.95	8.0
4,4'-DDE		1.5	U	1.5	8.0
4,4'-DDT		1.0	U	1.0	8.0
Dieldrin		1.5	U	1.5	8.0
Endosulfan I		1.7	U	1.7	8.0
Endosulfan II		1.2	U	1.2	8.0
Endosulfan sulfate		1.0	U *	1.0	8.0
Endrin		1.1	U	1.1	8.0
Endrin aldehyde		2.0	U	2.0	8.0
Endrin ketone		1.2	U	1.2	8.0
Heptachlor		1.1	U	1.1	8.0
Heptachlor epoxide		1.6	U	1.6	8.0
Methoxychlor		0.89	U	0.89	8.0
Toxaphene		17	U	17	80

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		40 - 150
DCB Decachlorobiphenyl	98		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V7-8N**

Lab Sample ID: 460-42971-10

Client Matrix: Solid

% Moisture: 15.9

Date Sampled: 07/31/2012 1040

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1643			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		40 - 150
DCB Decachlorobiphenyl	98		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V0-2N**

Lab Sample ID: 460-42971-11

Client Matrix: Solid

% Moisture: 15.8

Date Sampled: 07/31/2012 1100

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1657			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.9
alpha-BHC		1.5	U	1.5	7.9
beta-BHC		1.1	U	1.1	7.9
delta-BHC		1.2	U	1.2	7.9
gamma-BHC (Lindane)		0.93	U	0.93	7.9
Chlordane		17	U	17	79
4,4'-DDD		0.95	U	0.95	7.9
4,4'-DDE		20		1.5	7.9
4,4'-DDT		11		1.0	7.9
Dieldrin		1.5	U	1.5	7.9
Endosulfan I		1.7	U	1.7	7.9
Endosulfan II		1.2	U	1.2	7.9
Endosulfan sulfate		1.0	U *	1.0	7.9
Endrin		1.1	U	1.1	7.9
Endrin aldehyde		2.0	U	2.0	7.9
Endrin ketone		1.2	U	1.2	7.9
Heptachlor		1.1	U	1.1	7.9
Heptachlor epoxide		1.6	U	1.6	7.9
Methoxychlor		0.89	U	0.89	7.9
Toxaphene		17	U	17	79

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	99		40 - 150
DCB Decachlorobiphenyl	105		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V0-2N**

Lab Sample ID: 460-42971-11

Client Matrix: Solid

% Moisture: 15.8

Date Sampled: 07/31/2012 1100

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1657			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		40 - 150
DCB Decachlorobiphenyl	98		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V7-8N**

Lab Sample ID: 460-42971-12

Client Matrix: Solid

% Moisture: 30.2

Date Sampled: 07/31/2012 1105

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1710			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		2.1	U	2.1	9.6
alpha-BHC		1.8	U	1.8	9.6
beta-BHC		1.3	U	1.3	9.6
delta-BHC		1.5	U	1.5	9.6
gamma-BHC (Lindane)		1.1	U	1.1	9.6
Chlordane		21	U	21	96
4,4'-DDD		1.1	U	1.1	9.6
4,4'-DDE		1.9	U	1.9	9.6
4,4'-DDT		1.2	U	1.2	9.6
Dieldrin		1.8	U	1.8	9.6
Endosulfan I		2.0	U	2.0	9.6
Endosulfan II		1.4	U	1.4	9.6
Endosulfan sulfate		1.2	U *	1.2	9.6
Endrin		1.3	U	1.3	9.6
Endrin aldehyde		2.4	U	2.4	9.6
Endrin ketone		1.4	U	1.4	9.6
Heptachlor		1.4	U	1.4	9.6
Heptachlor epoxide		1.9	U	1.9	9.6
Methoxychlor		1.1	U	1.1	9.6
Toxaphene		20	U	20	96

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	105		40 - 150
DCB Decachlorobiphenyl	110		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V7-8N**

Lab Sample ID: 460-42971-12

Client Matrix: Solid

% Moisture: 30.2

Date Sampled: 07/31/2012 1105

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1710			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	102		40 - 150
DCB Decachlorobiphenyl	103		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V0-2N**

Lab Sample ID: 460-42971-13

Client Matrix: Solid

% Moisture: 12.0

Date Sampled: 07/31/2012 1230

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1725			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.6
alpha-BHC		1.4	U	1.4	7.6
beta-BHC		1.0	U	1.0	7.6
delta-BHC		1.2	U	1.2	7.6
gamma-BHC (Lindane)		0.89	U	0.89	7.6
Chlordane		16	U	16	76
4,4'-DDD		4.0	J	0.91	7.6
4,4'-DDE		1.5	U	1.5	7.6
4,4'-DDT		0.95	U	0.95	7.6
Dieldrin		1.5	U	1.5	7.6
Endosulfan I		1.6	U	1.6	7.6
Endosulfan II		1.1	U	1.1	7.6
Endosulfan sulfate		0.98	U *	0.98	7.6
Endrin		1.1	U	1.1	7.6
Endrin aldehyde		1.9	U	1.9	7.6
Endrin ketone		1.1	U	1.1	7.6
Heptachlor		1.1	U	1.1	7.6
Heptachlor epoxide		1.5	U	1.5	7.6
Methoxychlor		0.85	U	0.85	7.6
Toxaphene		16	U	16	76

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		40 - 150
DCB Decachlorobiphenyl	109		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V0-2N**

Lab Sample ID: 460-42971-13

Client Matrix: Solid

% Moisture: 12.0

Date Sampled: 07/31/2012 1230

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1725			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		40 - 150
DCB Decachlorobiphenyl	104		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V3-4N**

Lab Sample ID: 460-42971-14

Client Matrix: Solid

% Moisture: 14.5

Date Sampled: 07/31/2012 1235

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1738			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.8
alpha-BHC		1.4	U	1.4	7.8
beta-BHC		1.1	U	1.1	7.8
delta-BHC		1.2	U	1.2	7.8
gamma-BHC (Lindane)		0.91	U	0.91	7.8
Chlordane		17	U	17	78
4,4'-DDD		140		0.93	7.8
4,4'-DDE		10		1.5	7.8
4,4'-DDT		9.8		0.98	7.8
Dieldrin		1.5	U	1.5	7.8
Endosulfan I		1.6	U	1.6	7.8
Endosulfan II		1.2	U	1.2	7.8
Endosulfan sulfate		1.0	U *	1.0	7.8
Endrin		1.1	U	1.1	7.8
Endrin aldehyde		1.9	U	1.9	7.8
Endrin ketone		1.2	U	1.2	7.8
Heptachlor		1.1	U	1.1	7.8
Heptachlor epoxide		1.6	U	1.6	7.8
Methoxychlor		0.87	U	0.87	7.8
Toxaphene		16	U	16	78

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	100		40 - 150
DCB Decachlorobiphenyl	107		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V3-4N**

Lab Sample ID: 460-42971-14

Client Matrix: Solid

% Moisture: 14.5

Date Sampled: 07/31/2012 1235

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/06/2012 1738			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	98		40 - 150
DCB Decachlorobiphenyl	101		53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731EB**

Lab Sample ID: 460-42971-15

Client Matrix: Water

Date Sampled: 07/31/2012 1400

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123919	Instrument ID:	PESTGC1
Prep Method:	3510C	Prep Batch:	460-122268	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1558			Injection Volume:	
Prep Date:	08/02/2012 1003			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.010	U	0.010	0.051
alpha-BHC	0.010	U	0.010	0.051
beta-BHC	0.011	U	0.011	0.051
delta-BHC	0.0091	U	0.0091	0.051
gamma-BHC (Lindane)	0.012	U	0.012	0.051
Chlordane	0.34	U	0.34	0.51
4,4'-DDD	0.011	U	0.011	0.051
4,4'-DDE	0.0091	U	0.0091	0.051
4,4'-DDT	0.010	U	0.010	0.051
Dieldrin	0.0051	U	0.0051	0.051
Endosulfan I	0.0091	U	0.0091	0.051
Endosulfan II	0.010	U	0.010	0.051
Endosulfan sulfate	0.016	U	0.016	0.051
Endrin	0.010	U	0.010	0.051
Endrin aldehyde	0.0091	U	0.0091	0.051
Endrin ketone	0.011	U *	0.011	0.051
Heptachlor	0.010	U	0.010	0.051
Heptachlor epoxide	0.010	U	0.010	0.051
Methoxychlor	0.013	U	0.013	0.051
Toxaphene	0.20	U	0.20	0.51

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	134	X	49 - 132
DCB Decachlorobiphenyl	99		37 - 144

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731EB**

Lab Sample ID: 460-42971-15

Client Matrix: Water

Date Sampled: 07/31/2012 1400

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123919	Instrument ID:	PESTGC1
Prep Method:	3510C	Prep Batch:	460-122268	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1558			Injection Volume:	
Prep Date:	08/02/2012 1003			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	127		49 - 132
DCB Decachlorobiphenyl	85		37 - 144

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731FD**

Lab Sample ID: 460-42971-16

Client Matrix: Solid

% Moisture: 25.4

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123769	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	08/13/2012 0955			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		20	U	20	90
alpha-BHC		17	U	17	90
beta-BHC		12	U	12	90
delta-BHC		14	U	14	90
gamma-BHC (Lindane)		10	U	10	90
Chlordane		190	U	190	900
4,4'-DDD		11	U	11	90
4,4'-DDE		2800		17	90
4,4'-DDT		65	J p	11	90
Dieldrin		17	U	17	90
Endosulfan I		19	U	19	90
Endosulfan II		14	U	14	90
Endosulfan sulfate		12	U *	12	90
Endrin		13	U	13	90
Endrin aldehyde		22	U	22	90
Endrin ketone		13	U	13	90
Heptachlor		13	U	13	90
Heptachlor epoxide		93	p	18	90
Methoxychlor		10	U	10	90
Toxaphene		190	U	190	900

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0	X D	40 - 150
DCB Decachlorobiphenyl	0	X D	53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731FD**

Lab Sample ID: 460-42971-16

Client Matrix: Solid

% Moisture: 25.4

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-123769	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-122228	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	08/13/2012 0955			Injection Volume:	1 uL
Prep Date:	08/02/2012 0713			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0	X D	40 - 150
DCB Decachlorobiphenyl	0	X D	53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V0-2N**

Lab Sample ID: 460-42971-1

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 07/31/2012 0910

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	08/02/2012 1859			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8640		20.5	45.1
Antimony		2.9		1.4	2.3
Arsenic		12.0		1.1	1.1
Barium		106		1.3	45.1
Beryllium		0.42	J	0.16	0.45
Cadmium		0.31	J	0.17	1.1
Calcium		12600		79.8	1130
Chromium		23.2		0.97	2.3
Cobalt		5.9	J	0.96	11.3
Copper		44.7		2.2	5.6
Iron		18500		13.6	33.8
Lead		266		0.97	1.1
Magnesium		1500		81.1	1130
Manganese		217		0.99	3.4
Nickel		12.9		0.99	9.0
Potassium		700	J	121	1130
Selenium		1.5	U	1.5	2.3
Silver		0.23	U	0.23	2.3
Sodium		773	J	178	1130
Thallium		1.3	U	1.3	2.3
Vanadium		16.8		0.87	11.3
Zinc		134		1.2	6.8

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	08/09/2012 1926			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.89		0.023	0.035

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-396V6-7N**

Lab Sample ID: 460-42971-2

Client Matrix: Solid

% Moisture: 31.2

Date Sampled: 07/31/2012 0905

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	08/02/2012 1903			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		14000		24.9	54.8
Antimony		1.7	U	1.7	2.7
Arsenic		7.0		1.3	1.4
Barium		135		1.6	54.8
Beryllium		0.80		0.20	0.55
Cadmium		1.9		0.20	1.4
Calcium		3430		97.0	1370
Chromium		36.8		1.2	2.7
Cobalt		9.5	J	1.2	13.7
Copper		34.1		2.7	6.9
Iron		23300		16.6	41.1
Lead		154		1.2	1.4
Magnesium		4650		98.7	1370
Manganese		452		1.2	4.1
Nickel		21.4		1.2	11.0
Potassium		1540		147	1370
Selenium		2.0	J	1.8	2.7
Silver		0.27	U	0.27	2.7
Sodium		546	J	217	1370
Thallium		1.5	U	1.5	2.7
Vanadium		33.4		1.1	13.7
Zinc		349		1.5	8.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	08/09/2012 1933			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.65		0.031	0.047

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V0-2N**

Lab Sample ID: 460-42971-3

Client Matrix: Solid

% Moisture: 28.0

Date Sampled: 07/31/2012 0925

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.00 g
Analysis Date:	08/02/2012 1906			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8570		25.3	55.6
Antimony		11.8		1.7	2.8
Arsenic		48.6		1.3	1.4
Barium		330		1.6	55.6
Beryllium		0.53	J	0.20	0.56
Cadmium		0.78	J	0.21	1.4
Calcium		3040		98.4	1390
Chromium		38.3		1.2	2.8
Cobalt		3.3	J	1.2	13.9
Copper		323		2.7	6.9
Iron		17800		16.8	41.7
Magnesium		535	J	100	1390
Manganese		42.3		1.2	4.2
Nickel		11.3		1.2	11.1
Potassium		885	J	149	1390
Selenium		3.1		1.8	2.8
Silver		1.9	J	0.28	2.8
Sodium		349	J	220	1390
Thallium		1.6	U	1.6	2.8
Vanadium		31.2		1.1	13.9
Zinc		256		1.5	8.3

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	40			Initial Weight/Volume:	1.00 g
Analysis Date:	08/02/2012 2109			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Lead		5110		11.9	13.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	08/09/2012 1912			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.53		0.031	0.046

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-397V5-6N**

Lab Sample ID: 460-42971-6

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 0935

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.09 g
Analysis Date:	08/02/2012 1924			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		11400		23.0	50.5
Antimony		156		1.6	2.5
Arsenic		1110		1.2	1.3
Barium		509		1.4	50.5
Beryllium		0.82		0.18	0.50
Cadmium		0.72	J	0.19	1.3
Calcium		8970		89.4	1260
Chromium		21.2		1.1	2.5
Cobalt		18.2		1.1	12.6
Copper		367		2.4	6.3
Lead		2610		1.1	1.3
Magnesium		1600		90.9	1260
Manganese		94.7		1.1	3.8
Nickel		18.4		1.1	10.1
Potassium		753	J	135	1260
Selenium		13.4		1.7	2.5
Silver		6.6		0.25	2.5
Sodium		453	J	199	1260
Thallium		28.8		1.4	2.5
Vanadium		17.3		0.97	12.6
Zinc		375		1.4	7.6

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	10			Initial Weight/Volume:	1.09 g
Analysis Date:	08/02/2012 2119			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Iron		85000		38.2	94.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	10			Initial Weight/Volume:	0.66 g
Analysis Date:	08/09/2012 2009			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		19.4		0.28	0.41

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V0-2N**

Lab Sample ID: 460-42971-7

Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 07/31/2012 1005

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	08/02/2012 1928			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6150		19.9	43.6
Antimony		2.5		1.4	2.2
Arsenic		46.3		1.0	1.1
Barium		125		1.2	43.6
Beryllium		0.49		0.16	0.44
Cadmium		0.43	J	0.16	1.1
Calcium		8730		77.2	1090
Chromium		13.4		0.94	2.2
Cobalt		27.2		0.93	10.9
Copper		52.1		2.1	5.5
Iron		21000		13.2	32.7
Lead		439		0.94	1.1
Magnesium		1810		78.6	1090
Manganese		184		0.96	3.3
Nickel		14.5		0.96	8.7
Potassium		635	J	117	1090
Selenium		1.4	U	1.4	2.2
Silver		0.22	U	0.22	2.2
Sodium		307	J	172	1090
Thallium		1.2	U	1.2	2.2
Vanadium		16.6		0.84	10.9
Zinc		150		1.2	6.5

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	30			Initial Weight/Volume:	0.63 g
Analysis Date:	08/09/2012 2011			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		26.4		0.72	1.1

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-394V7-8N**

Lab Sample ID: 460-42971-8

Client Matrix: Solid

% Moisture: 27.3

Date Sampled: 07/31/2012 1010

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.10 g
Analysis Date:	08/02/2012 1931			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		16500		22.8	50.0
Antimony		1.6	U	1.6	2.5
Arsenic		18.6		1.2	1.3
Barium		177		1.4	50.0
Beryllium		1.6		0.18	0.50
Cadmium		12.1		0.19	1.3
Calcium		13600		88.5	1250
Chromium		24.1		1.1	2.5
Cobalt		22.2		1.1	12.5
Copper		79.4		2.4	6.3
Iron		31000		15.1	37.5
Lead		337		1.1	1.3
Magnesium		2620		90.0	1250
Manganese		1090		1.1	3.8
Nickel		65.6		1.1	10.0
Potassium		1890		134	1250
Selenium		3.1		1.7	2.5
Silver		0.79	J	0.25	2.5
Sodium		8290		198	1250
Vanadium		22.6		0.96	12.5

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	100			Initial Weight/Volume:	1.10 g
Analysis Date:	08/02/2012 2137			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		35.3	U	35.3	62.5
Zinc		3390		33.8	188

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	2.0			Initial Weight/Volume:	0.61 g
Analysis Date:	08/09/2012 2013			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		2.8		0.060	0.089

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V0-2N**

Lab Sample ID: 460-42971-9

Client Matrix: Solid

% Moisture: 7.5

Date Sampled: 07/31/2012 1035

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	08/02/2012 1845			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		9540		18.7	41.2
Antimony		1.3	U	1.3	2.1
Arsenic		5.6		0.97	1.0
Barium		75.9		1.2	41.2
Beryllium		0.50		0.15	0.41
Cadmium		0.15	U	0.15	1.0
Calcium		10800		72.9	1030
Chromium		19.9		0.89	2.1
Cobalt		8.5	J	0.88	10.3
Copper		18.9		2.0	5.1
Iron		22000		12.5	30.9
Lead		61.8		0.89	1.0
Magnesium		4010		74.2	1030
Manganese		480		0.91	3.1
Nickel		15.8		0.91	8.2
Potassium		3140		110	1030
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		378	J	163	1030
Thallium		1.2	U	1.2	2.1
Vanadium		21.2		0.79	10.3
Zinc		76.7		1.1	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	08/09/2012 2015			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.047		0.022	0.033

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-393V7-8N**

Lab Sample ID: 460-42971-10

Client Matrix: Solid

% Moisture: 15.9

Date Sampled: 07/31/2012 1040

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	08/02/2012 1935			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7310		19.3	42.5
Antimony		1.3	U	1.3	2.1
Arsenic		23.4		1.0	1.1
Barium		91.9		1.2	42.5
Beryllium		0.51		0.15	0.42
Cadmium		0.79	J	0.16	1.1
Calcium		5530		75.2	1060
Chromium		37.8		0.91	2.1
Cobalt		6.5	J	0.90	10.6
Copper		92.0		2.1	5.3
Iron		19800		12.8	31.9
Lead		386		0.91	1.1
Magnesium		1630		76.5	1060
Manganese		366		0.93	3.2
Nickel		15.2		0.93	8.5
Potassium		743	J	114	1060
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		466	J	168	1060
Thallium		1.2	U	1.2	2.1
Vanadium		18.0		0.82	10.6
Zinc		288		1.1	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	08/09/2012 1944			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.3		0.026	0.039

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V0-2N**

Lab Sample ID: 460-42971-11

Client Matrix: Solid

% Moisture: 15.8

Date Sampled: 07/31/2012 1100

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	08/02/2012 1938			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6900		20.6	45.2
Antimony		1.4	U	1.4	2.3
Arsenic		15.3		1.1	1.1
Barium		63.8		1.3	45.2
Beryllium		0.50		0.16	0.45
Cadmium		0.46	J	0.17	1.1
Calcium		2710		80.1	1130
Chromium		33.2		0.97	2.3
Cobalt		5.7	J	0.96	11.3
Copper		84.4		2.2	5.7
Iron		17300		13.7	33.9
Lead		110		0.97	1.1
Magnesium		2220		81.4	1130
Manganese		293		1.0	3.4
Nickel		13.2		1.0	9.0
Potassium		789	J	121	1130
Selenium		1.5	U	1.5	2.3
Silver		0.23	U	0.23	2.3
Sodium		512	J	179	1130
Thallium		1.3	U	1.3	2.3
Vanadium		15.7		0.87	11.3
Zinc		102		1.2	6.8

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	08/09/2012 1946			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.18		0.023	0.035

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-392V7-8N**

Lab Sample ID: 460-42971-12

Client Matrix: Solid

% Moisture: 30.2

Date Sampled: 07/31/2012 1105

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	08/02/2012 1942			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		13900		25.3	55.6
Antimony		1.7	U	1.7	2.8
Arsenic		8.0		1.3	1.4
Barium		108		1.6	55.6
Beryllium		0.64		0.20	0.56
Cadmium		0.21	U	0.21	1.4
Calcium		2810		98.5	1390
Chromium		37.2		1.2	2.8
Cobalt		8.8	J	1.2	13.9
Copper		145		2.7	7.0
Iron		25700		16.8	41.7
Lead		20.1		1.2	1.4
Magnesium		5010		100	1390
Manganese		409		1.2	4.2
Nickel		18.0		1.2	11.1
Potassium		1580		149	1390
Selenium		1.8	U	1.8	2.8
Silver		0.28	U	0.28	2.8
Sodium		321	J	220	1390
Thallium		1.6	U	1.6	2.8
Vanadium		30.7		1.1	13.9
Zinc		127		1.5	8.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	08/09/2012 1948			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.073		0.031	0.046

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V0-2N**

Lab Sample ID: 460-42971-13

Client Matrix: Solid

% Moisture: 12.0

Date Sampled: 07/31/2012 1230

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.10 g
Analysis Date:	08/02/2012 1946			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10900		18.8	41.3
Antimony		1.3	U	1.3	2.1
Arsenic		41.1		0.97	1.0
Barium		310		1.2	41.3
Beryllium		1.0		0.15	0.41
Cadmium		0.84	J	0.15	1.0
Calcium		13900		73.1	1030
Chromium		10.3		0.89	2.1
Cobalt		5.9	J	0.88	10.3
Copper		93.8		2.0	5.2
Lead		190		0.89	1.0
Magnesium		780	J	74.4	1030
Manganese		117		0.91	3.1
Nickel		17.9		0.91	8.3
Potassium		483	J	111	1030
Selenium		1.4	U	1.4	2.1
Silver		0.96	J	0.21	2.1
Sodium		935	J	163	1030
Thallium		1.2	U	1.2	2.1
Vanadium		16.3		0.79	10.3
Zinc		341		1.1	6.2

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	40			Initial Weight/Volume:	1.10 g
Analysis Date:	08/02/2012 2141			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Iron		51400		125	310

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	08/09/2012 1949			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.28		0.023	0.034

Client: URS Corporation | Job Number: 460-42971-1

Client Sample ID: **20120731SB-387V3-4N**

Lab Sample ID: 460-42971-14 | Date Sampled: 07/31/2012 1235
Client Matrix: Solid | % Moisture: 14.5 | Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	08/02/2012 1949			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		13600		19.9	43.7
Antimony		1.4	U	1.4	2.2
Arsenic		6.3		1.0	1.1
Barium		254		1.2	43.7
Beryllium		1.4		0.16	0.44
Cadmium		0.16	U	0.16	1.1
Calcium		22700		77.4	1090
Chromium		9.6		0.94	2.2
Cobalt		4.1	J	0.93	10.9
Copper		14.3		2.1	5.5
Lead		6.5		0.94	1.1
Magnesium		897	J	78.7	1090
Manganese		169		0.96	3.3
Nickel		11.6		0.96	8.7
Potassium		774	J	117	1090
Selenium		1.4	U	1.4	2.2
Silver		0.22	U	0.22	2.2
Sodium		1180		173	1090
Thallium		1.2	U	1.2	2.2
Vanadium		18.0		0.84	10.9
Zinc		13.3		1.2	6.6

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	40			Initial Weight/Volume:	1.07 g
Analysis Date:	08/02/2012 2145			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Iron		47500		132	328

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	08/09/2012 1951			Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024	U	0.024	0.037

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731EB**

Lab Sample ID: 460-42971-15

Client Matrix: Water

Date Sampled: 07/31/2012 1400

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122544	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1330			Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	72.1	U	72.1	200
Antimony	7.4	U	7.4	10.0
Arsenic	3.7	U	3.7	5.0
Barium	5.9	U	5.9	200
Beryllium	0.78	U	0.78	2.0
Cadmium	0.82	U	0.82	5.0
Calcium	305	U	305	5000
Chromium	4.5	U	4.5	10.0
Cobalt	4.3	U	4.3	50.0
Copper	7.8	U	7.8	25.0
Iron	73.6	U	73.6	150
Lead	4.0	U	4.0	5.0
Magnesium	321	U	321	5000
Manganese	4.3	U	4.3	15.0
Nickel	5.0	U	5.0	40.0
Potassium	525	U	525	5000
Selenium	5.8	U	5.8	10.0
Silver	1.3	U	1.3	10.0
Sodium	821	U	821	5000
Thallium	5.2	U	5.2	10.0
Vanadium	4.0	U	4.0	50.0
Zinc	5.8	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-122366	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-122307	Lab File ID:	122307hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/02/2012 1425			Final Weight/Volume:	30 mL
Prep Date:	08/02/2012 1100				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

Client: URS Corporation

Job Number: 460-42971-1

Client Sample ID: **20120731FD**

Lab Sample ID: 460-42971-16

Client Matrix: Solid

% Moisture: 25.4

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-122452	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	20			Initial Weight/Volume:	1.10 g
Analysis Date:	08/02/2012 2148			Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		2450		111	244
Antimony		396		7.6	12.2
Arsenic		1530		5.7	6.1
Barium		361		6.9	244
Beryllium		0.88	U	0.88	2.4
Cadmium		0.90	U	0.90	6.1
Calcium		3660	J	431	6090
Chromium		15.2		5.2	12.2
Cobalt		33.0	J	5.2	60.9
Copper		622		11.8	30.5
Iron		147000		73.7	183
Lead		11600		5.2	6.1
Magnesium		531	J	439	6090
Manganese		121		5.4	18.3
Nickel		30.2	J	5.4	48.7
Potassium		652	U	652	6090
Selenium		19.0		8.0	12.2
Silver		26.1		1.2	12.2
Sodium		963	U	963	6090
Thallium		83.9		6.9	12.2
Vanadium		13.5	J	4.7	60.9
Zinc		489		6.6	36.6

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-122410	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-122369	Lab File ID:	122359HG1.PRN
Dilution:	10			Initial Weight/Volume:	0.60 g
Analysis Date:	08/02/2012 2252			Final Weight/Volume:	100 mL
Prep Date:	08/02/2012 1730				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		10.4		0.29	0.44

General Chemistry

Client Sample ID: **20120731SB-396V0-2N**

Lab Sample ID: 460-42971-1

Client Matrix: Solid

Date Sampled: 07/31/2012 0910

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122255		Analysis Date: 08/02/2012 0917				DryWt Corrected: N
Percent Solids	87.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122255		Analysis Date: 08/02/2012 0917				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-396V6-7N**

Lab Sample ID: 460-42971-2

Client Matrix: Solid

Date Sampled: 07/31/2012 0905

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	31.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122255		Analysis Date: 08/02/2012 0917				DryWt Corrected: N
Percent Solids	68.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122255		Analysis Date: 08/02/2012 0917				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-397V0-2N**

Lab Sample ID: 460-42971-3

Client Matrix: Solid

Date Sampled: 07/31/2012 0925

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122255		Analysis Date: 08/02/2012 0917				DryWt Corrected: N
Percent Solids	72.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122255		Analysis Date: 08/02/2012 0917				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-397V5-6N**

Lab Sample ID: 460-42971-6

Client Matrix: Solid

Date Sampled: 07/31/2012 0935

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	72.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-394V0-2N**

Lab Sample ID: 460-42971-7

Client Matrix: Solid

Date Sampled: 07/31/2012 1005

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	87.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-394V7-8N**

Lab Sample ID: 460-42971-8

Client Matrix: Solid

Date Sampled: 07/31/2012 1010

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122255		Analysis Date: 08/02/2012 0917				DryWt Corrected: N
Percent Solids	72.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122255		Analysis Date: 08/02/2012 0917				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-393V0-2N**

Lab Sample ID: 460-42971-9

Client Matrix: Solid

Date Sampled: 07/31/2012 1035

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	92.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-393V7-8N**

Lab Sample ID: 460-42971-10

Client Matrix: Solid

Date Sampled: 07/31/2012 1040

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	84.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-392V0-2N**

Lab Sample ID: 460-42971-11

Client Matrix: Solid

Date Sampled: 07/31/2012 1100

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	84.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-392V7-8N**

Lab Sample ID: 460-42971-12

Client Matrix: Solid

Date Sampled: 07/31/2012 1105

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	30.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	69.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-387V0-2N**

Lab Sample ID: 460-42971-13

Client Matrix: Solid

Date Sampled: 07/31/2012 1230

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	88.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731SB-387V3-4N**

Lab Sample ID: 460-42971-14

Client Matrix: Solid

Date Sampled: 07/31/2012 1235

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	85.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

General Chemistry

Client Sample ID: **20120731FD**

Lab Sample ID: 460-42971-16

Client Matrix: Solid

Date Sampled: 07/31/2012 0000

Date Received: 07/31/2012 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	25.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N
Percent Solids	74.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-122271		Analysis Date: 08/02/2012 1030				DryWt Corrected: N

Client: URS Corporation

Job Number: 460-42971-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-42971-1	20120731SB-396V0-2 N	96	97	105
460-42971-2	20120731SB-396V6-7 N	117	104	101
460-42971-3	20120731SB-397V0-2 N	102	101	106
460-42971-7	20120731SB-394V0-2 N	91	103	110
460-42971-8	20120731SB-394V7-8 N	102	101	104
460-42971-9	20120731SB-393V0-2 N	89	98	98
460-42971-10	20120731SB-393V7-8 N	95	106	105
460-42971-11	20120731SB-392V0-2 N	93	100	101
460-42971-12	20120731SB-392V7-8 N	97	101	102
460-42971-13	20120731SB-387V0-2 N	91	100	103
460-42971-14	20120731SB-387V3-4 N	93	101	107
MB 460-122620/21		95	97	100
MB 460-122835/6		119	105	103
MB 460-123008/16		91	100	103
MB 460-123371/5		94	98	105
MB 460-123432/5		97	98	97
MB 460-123838/5		93	96	99
LB3 460-122188/1-A		88	98	99
LCS 460-122620/17		93	100	99
LCS 460-122835/3		114	106	102
LCS 460-123008/3		90	99	103
LCS 460-123371/3		93	101	105
LCS 460-123432/3		98	96	100

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: URS Corporation

Job Number: 460-42971-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
LCS 460-123838/3		94	97	98
LCSD 460-122620/18		93	98	101
LCSD 460-122835/4		106	105	102
LCSD 460-123008/4		92	99	101
LCSD 460-123371/4		92	101	100
LCSD 460-123838/4		107	109	111
460-42971-3 MS	20120731SB-397V0-2 N MS	108	118	150X
460-42971-3 MSD	20120731SB-397V0-2 N MSD	105	105	115

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: URS Corporation

Job Number: 460-42971-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-42971-6	20120731SB-397V5-6 N	111	111	103
460-42971-16	20120731FD	112	109	103
MB 460-123251/4		104	105	103
LCS 460-123251/3		104	107	105
460-42971-B-8-A MS		99	92	85
460-42971-B-8-A MSD		103	97	87

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Client: URS Corporation

Job Number: 460-42971-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-42971-15	20120731EB	111	94	89
460-42971-17	20120731TB	112	96	92
MB 460-122264/4		113	96	95
LCS 460-122264/3		105	99	92
460-42904-B-4 MS		104	98	91
460-42904-B-4 MSD		103	96	90

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: URS Corporation

Job Number: 460-42971-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-42971-1	20120731SB-396V0-2 N	41	58	43	52	52	89
460-42971-2	20120731SB-396V6-7 N	40	52	39	41	71	89
460-42971-3	20120731SB-397V0-2 N	61	61	64	74	59	53
460-42971-6	20120731SB-397V5-6 N	38	51	41	57	38	73
460-42971-7	20120731SB-394V0-2 N	40	53	46	65	64	69
460-42971-8	20120731SB-394V7-8 N	50	57	53	63	36	69
460-42971-9	20120731SB-393V0-2 N	54	65	48	53	39	85
460-42971-10	20120731SB-393V7-8 N	34X	43	37X	50	50	62
460-42971-11	20120731SB-392V0-2 N	38	53	39	46	52	84
460-42971-12	20120731SB-392V7-8 N	56	70	58	59	65	84
460-42971-13	20120731SB-387V0-2 N	45	64	47	55	58	87
460-42971-14	20120731SB-387V3-4 N	40	62	43	60	71	70
460-42971-16 DL	20120731FD DL	0D	0D	0D	0D	0D	0D
MB 460-122303/1-A		78	88	86	83	67	85
MB 460-122438/1-A		74	78	72	66	73	63
LCS 460-122303/2-A		62	66	69	67	65	69
LCS 460-122438/2-A		67	64	66	64	71	65
460-42971-3 MS	20120731SB-397V0-2 N MS	67	64	68	75	62	55
460-43010-F-2-C MS		63	70	68	76	58	79
460-42971-3 MSD	20120731SB-397V0-2 N MSD	67	63	70	78	63	60
460-43010-F-2-D MSD		65	74	70	78	59	81

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Client: URS Corporation

Job Number: 460-42971-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-42971-15	20120731EB	40	26	87	88	70	82
MB 460-122162/1-A		45	30	90	84	77	80
LCS 460-122162/2-A		45	28	90	86	83	86
LCSD 460-122162/3-A		43	28	83	82	80	83

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Client: URS Corporation

Job Number: 460-42971-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-42971-1	20120731SB-396V0-2 N	90	94	111	107
460-42971-2	20120731SB-396V6-7 N	94	98	106	97
460-42971-3	20120731SB-397V0-2 N	98	99	116	99
460-42971-6	20120731SB-397V5-6 N	75	101	99	98
460-42971-7	20120731SB-394V0-2 N	97	95	114	100
460-42971-8	20120731SB-394V7-8 N	93	97	105	99
460-42971-9	20120731SB-393V0-2 N	92	96	108	99
460-42971-10	20120731SB-393V7-8 N	85	85	98	98
460-42971-11	20120731SB-392V0-2 N	95	99	105	98
460-42971-12	20120731SB-392V7-8 N	102	105	110	103
460-42971-13	20120731SB-387V0-2 N	95	95	109	104
460-42971-14	20120731SB-387V3-4 N	98	100	107	101
460-42971-16	20120731FD	0X D	0X D	0X D	0X D
MB 460-122228/1-A		126	128	135	126
LCS 460-122228/2-A		121	121	128	116
460-42971-3 MS	20120731SB-397V0-2 N MS	102	101	106	97
460-42971-3 MSD	20120731SB-397V0-2 N MSD	104	102	107	98

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Client: URS Corporation

Job Number: 460-42971-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-42971-15	20120731EB	134X	127	99	85
MB 460-122268/1-A		123	115	114	103
LCS 460-122268/2-A		138X	113	109	84
LCSD 460-122268/3-A		128	105	94	83

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	49-132
DCB = DCB Decachlorobiphenyl	37-144

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122182

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-42971-B-8-A MS	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-122182	Lab File ID:	d23218.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	3.23 g
Analysis Date:	08/09/2012 1333			Final Weight/Volume:	10 mL
Prep Date:	08/01/2012 1645				
Leach Date:	N/A				

MSD Lab Sample ID:	460-42971-B-8-A MSD	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-122182	Lab File ID:	d23219.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	3.23 g
Analysis Date:	08/09/2012 1357			Final Weight/Volume:	10 mL
Prep Date:	08/01/2012 1645				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	138	150	52 - 144	8	30		F
Bromomethane	135	140	58 - 164	4	30		
Vinyl chloride	122	80	55 - 154	42	30		F
Chloroethane	126	129	66 - 144	2	30		
Methylene Chloride	94	97	78 - 118	3	30		
Acetone	125	123	48 - 177	1	30		
Carbon disulfide	88	83	70 - 120	6	30		
Trichlorofluoromethane	118	115	60 - 148	3	30		
1,1-Dichloroethene	101	104	68 - 138	3	30		
1,1-Dichloroethane	99	110	79 - 119	11	30		
trans-1,2-Dichloroethene	95	101	73 - 119	6	30		
cis-1,2-Dichloroethene	95	101	78 - 118	6	30		
Chloroform	96	101	81 - 122	5	30		
2-Butanone	128	134	70 - 139	5	30		
1,2-Dichloroethane	101	105	81 - 121	4	30		
1,1,1-Trichloroethane	97	100	78 - 118	3	30		
Carbon tetrachloride	95	110	64 - 130	15	30		
Benzene	98	102	71 - 118	4	30		
Bromoform	92	94	76 - 133	3	30		
Styrene	100	108	73 - 126	7	30		
m&p-Xylene	102	106	78 - 127	3	30		
o-Xylene	100	106	77 - 122	6	30		
Ethylbenzene	102	107	78 - 124	5	30		
Chlorobenzene	97	104	69 - 124	7	30		
Cyclohexane	115	114	69 - 128	1	30		
Isopropylbenzene	101	106	80 - 143	5	30		
2-Hexanone	103	118	62 - 123	13	30		
MTBE	102	103	65 - 143	2	30		
Freon TF	80	77	50 - 128	4	30		
Methyl acetate	100	126	72 - 165	23	30		
1,4-Dioxane	0	74	54 - 147	NC	30	U F	
Trichloroethene	98	100	82 - 122	2	30		
Toluene	96	99	79 - 136	4	30		

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122182

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-42971-B-8-A MS	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-122182	Lab File ID:	d23218.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	3.23 g
Analysis Date:	08/09/2012 1333			Final Weight/Volume:	10 mL
Prep Date:	08/01/2012 1645				
Leach Date:	N/A				

MSD Lab Sample ID:	460-42971-B-8-A MSD	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-122182	Lab File ID:	d23219.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	3.23 g
Analysis Date:	08/09/2012 1357			Final Weight/Volume:	10 mL
Prep Date:	08/01/2012 1645				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	95	102	73 - 118	6	30		
4-Methyl-2-pentanone	110	112	69 - 124	2	30		
cis-1,3-Dichloropropene	94	100	75 - 120	6	30		
1,2-Dichlorobenzene	100	107	83 - 123	7	30		
1,3-Dichlorobenzene	102	107	83 - 123	5	30		
1,4-Dichlorobenzene	101	106	84 - 124	5	30		
1,2,4-Trichlorobenzene	101	114	62 - 144	12	30		
1,2,3-Trichlorobenzene	104	120	36 - 207	14	30		
1,2-Dichloropropane	100	108	78 - 118	8	30		
Methylcyclohexane	88	91	80 - 134	2	30		
Tetrachloroethene	100	102	78 - 136	2	30		
1,2-Dibromo-3-Chloropropane	107	113	62 - 127	6	30		
1,1,2,2-Tetrachloroethane	114	116	86 - 145	2	30		
1,1,2-Trichloroethane	100	104	77 - 120	4	30		
Dibromochloromethane	93	93	78 - 118	0	30		
1,2-Dibromoethane	96	103	76 - 120	7	30		
Dichlorodifluoromethane	77	122	41 - 149	45	30		F
Bromochloromethane	96	97	81 - 121	1	30		
Bromodichloromethane	98	104	78 - 118	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	103	75 - 135
Toluene-d8 (Surr)	92	97	59 - 150
Bromofluorobenzene	85	87	72 - 133

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122182

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-42971-B-8-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-42971-B-8-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	08/09/2012 1333			Analysis Date:	08/09/2012 1357
Prep Date:	08/01/2012 1645			Prep Date:	08/01/2012 1645
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	21	U	4260	4260	5880		6400	F
Bromomethane	39	U	4260	4260	5740		5970	
Vinyl chloride	31	U	4260	4260	5210		3420	F
Chloroethane	36	U	4260	4260	5370		5500	
Methylene Chloride	39	U	4260	4260	4010		4110	
Acetone	570	U	4260	4260	5330		5250	
Carbon disulfide	27	U	4260	4260	3730		3520	
Trichlorofluoromethane	31	U	4260	4260	5040		4900	
1,1-Dichloroethene	19	U	4260	4260	4300		4420	
1,1-Dichloroethane	28	U	4260	4260	4220		4690	
trans-1,2-Dichloroethene	27	U	4260	4260	4060		4320	
cis-1,2-Dichloroethene	38	U	4260	4260	4060		4320	
Chloroform	17	U	4260	4260	4090		4300	
2-Butanone	490	U	4260	4260	5430		5700	
1,2-Dichloroethane	40	U	4260	4260	4310		4470	
1,1,1-Trichloroethane	13	U	4260	4260	4130		4260	
Carbon tetrachloride	12	U	4260	4260	4030		4700	
Benzene	18	U	4260	4260	4160		4350	
Bromoform	41	U	4260	4260	3900		4020	
Styrene	25	U	4260	4260	4270		4590	
m&p-Xylene	64	J	8520	8520	8750		9050	
o-Xylene	29	J	4260	4260	4290		4550	
Ethylbenzene	26	J	4260	4260	4380		4590	
Chlorobenzene	23	U	4260	4260	4130		4430	
Cyclohexane	34	U	4260	4260	4910		4840	
Isopropylbenzene	26	J	4260	4260	4340		4550	
2-Hexanone	110	U	4260	4260	4400		5030	
MTBE	29	U	4260	4260	4330		4400	
Freon TF	17	U	4260	4260	3400		3260	
Methyl acetate	71	U	4260	4260	4240		5350	
1,4-Dioxane	7700	U	31900	31900	15000	U F	23800	
Trichloroethene	20	U	4260	4260	4170		4250	
Toluene	300		4260	4260	4370		4530	
trans-1,3-Dichloropropene	52	U	4260	4260	4060		4320	
4-Methyl-2-pentanone	210	U	4260	4260	4660		4760	
cis-1,3-Dichloropropene	39	U	4260	4260	3990		4250	
1,2-Dichlorobenzene	44	U	4260	4260	4270		4560	
1,3-Dichlorobenzene	29	U	4260	4260	4340		4550	
1,4-Dichlorobenzene	120	J	4260	4260	4420		4630	
1,2,4-Trichlorobenzene	73	U	4260	4260	4300		4830	
1,2,3-Trichlorobenzene	110	U	4260	4260	4430		5100	
1,2-Dichloropropane	18	U	4260	4260	4260		4610	
Methylcyclohexane	120	J	4260	4260	3880		3970	

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122182

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-42971-B-8-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-42971-B-8-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	08/09/2012 1333			Analysis Date:	08/09/2012 1357
Prep Date:	08/01/2012 1645			Prep Date:	08/01/2012 1645
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Tetrachloroethene	21	U	4260	4260	4240	4330	
1,2-Dibromo-3-Chloropropane	85	U	4260	4260	4550	4820	
1,1,2,2-Tetrachloroethane	34	U	4260	4260	4840	4920	
1,1,2-Trichloroethane	40	U	4260	4260	4260	4410	
Dibromochloromethane	42	U	4260	4260	3960	3960	
1,2-Dibromoethane	59	U	4260	4260	4100	4390	
Dichlorodifluoromethane	46	U	4260	4260	3280	5200	F
Bromochloromethane	58	U	4260	4260	4080	4130	
Bromodichloromethane	27	U	4260	4260	4160	4420	

Client: URS Corporation

Job Number: 460-42971-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-122188

Method: 8260B
Preparation: 5035

Lab Sample ID:	LB3 460-122188/1-A	Analysis Batch:	460-122620	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-122188	Lab File ID:	o63016.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	08/03/2012 2157	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1726				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.722	J	0.15	1.0
Acetone	1.7	U	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0

Client: URS Corporation

Job Number: 460-42971-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-122188

Method: 8260B
Preparation: 5035

Lab Sample ID:	LB3 460-122188/1-A	Analysis Batch:	460-122620	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-122188	Lab File ID:	o63016.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	08/03/2012 2157	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1726				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	70 - 130
Toluene-d8 (Surr)	98	70 - 130
Bromofluorobenzene	99	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122188

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-42971-3	Analysis Batch:	460-123432	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-122188	Lab File ID:	o63281.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.00 g
Analysis Date:	08/10/2012 1504			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1730				
Leach Date:	N/A				

MSD Lab Sample ID:	460-42971-3	Analysis Batch:	460-123432	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-122188	Lab File ID:	o63280.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	3.74 g
Analysis Date:	08/10/2012 1436			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1730				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	68	82	50 - 151	25	30		
Bromomethane	82	98	54 - 142	24	30		
Vinyl chloride	72	91	67 - 133	30	30		
Chloroethane	84	108	56 - 146	32	30		F
Methylene Chloride	78	91	74 - 137	22	30		
Acetone	64	53	27 - 164	4	30		
Carbon disulfide	46	57	72 - 128	29	30	F	F
Trichlorofluoromethane	70	122	61 - 139	59	30		F
1,1-Dichloroethene	73	89	71 - 126	26	30		
1,1-Dichloroethane	70	82	76 - 125	22	30	F	
trans-1,2-Dichloroethene	60	69	75 - 122	22	30	F	F
cis-1,2-Dichloroethene	62	72	80 - 120	22	30	F	F
Chloroform	62	76	77 - 120	26	30	F	F
2-Butanone	68	57	77 - 117	9	30	F	F
1,2-Dichloroethane	62	73	76 - 118	23	30	F	F
1,1,1-Trichloroethane	60	74	78 - 117	27	30	F	F
Carbon tetrachloride	55	70	79 - 118	30	30	F	F
Benzene	61	66	77 - 117	15	30	F	F
Bromoform	34	34	59 - 125	6	30	F	F
Styrene	40	39	82 - 122	4	30	F	F
m&p-Xylene	52	49	81 - 121	1	30	F	F
o-Xylene	49	45	82 - 122	1	30	F	F
Ethylbenzene	53	51	81 - 121	5	30	F	F
Chlorobenzene	45	43	80 - 120	1	30	F	F
Cyclohexane	48	72	80 - 121	46	30	F	F
Isopropylbenzene	50	50	65 - 129	7	30	F	F
2-Hexanone	88	71	70 - 122	15	30		
MTBE	81	80	78 - 120	5	30		
Freon TF	59	83	73 - 123	41	30	F	F
Methyl acetate	82	121	73 - 137	45	30		F
1,4-Dioxane	110	115	69 - 131	11	30		
Trichloroethene	49	54	79 - 119	16	30	F	F
Toluene	60	66	75 - 115	16	30	F	F

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122188

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-42971-3	Analysis Batch:	460-123432	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-122188	Lab File ID:	o63281.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.00 g
Analysis Date:	08/10/2012 1504			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1730				
Leach Date:	N/A				

MSD Lab Sample ID:	460-42971-3	Analysis Batch:	460-123432	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-122188	Lab File ID:	o63280.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	3.74 g
Analysis Date:	08/10/2012 1436			Final Weight/Volume:	5 mL
Prep Date:	08/01/2012 1730				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	41	41	67 - 121	7	30	F	F
4-Methyl-2-pentanone	73	68	68 - 120	0	30		
cis-1,3-Dichloropropene	48	51	80 - 123	13	30	F	F
1,2-Dichlorobenzene	38	30	80 - 120	19	30	F	F
1,3-Dichlorobenzene	49	37	80 - 120	22	30	F	F
1,4-Dichlorobenzene	44	33	80 - 120	22	30	F	F
1,2,4-Trichlorobenzene	22	17	80 - 120	15	30	F	F
1,2,3-Trichlorobenzene	14	12	75 - 121	7	30	F	F
1,2-Dichloropropane	65	72	82 - 122	16	30	F	F
Methylcyclohexane	44	64	78 - 118	44	30	F	F
Tetrachloroethene	56	57	80 - 120	7	30	F	F
1,2-Dibromo-3-Chloropropane	46	39	74 - 118	11	30	F	F
1,1,2,2-Tetrachloroethane	76	54	79 - 122	27	30	F	F
1,1,2-Trichloroethane	65	61	73 - 118	1	30	F	F
Dibromochloromethane	51	50	68 - 120	4	30	F	F
1,2-Dibromoethane	53	53	75 - 117	7	30	F	F
Dichlorodifluoromethane	57	73	52 - 144	32	30		F
Bromochloromethane	60	76	74 - 125	29	30	F	
Bromodichloromethane	56	62	79 - 119	17	30	F	F

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		105	70 - 130
Toluene-d8 (Surr)	118		105	70 - 130
Bromofluorobenzene	150	X	115	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122188

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-42971-3	Units:	ug/Kg	MSD Lab Sample ID:	460-42971-3
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/10/2012 1504			Analysis Date:	08/10/2012 1436
Prep Date:	08/01/2012 1730			Prep Date:	08/01/2012 1730
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	0.30	U	34.7	37.1	23.5		30.3	
Bromomethane	0.79	U	34.7	37.1	28.6		36.5	
Vinyl chloride	0.63	U	34.7	37.1	24.9		33.7	
Chloroethane	0.61	U	34.7	37.1	29.2		40.3	F
Methylene Chloride	0.54	J	34.7	37.1	27.6		34.5	
Acetone	44		34.7	37.1	65.9		63.6	
Carbon disulfide	0.28	U	34.7	37.1	15.9	F	21.3	F
Trichlorofluoromethane	0.30	U	34.7	37.1	24.5		45.1	F
1,1-Dichloroethene	0.35	U	34.7	37.1	25.3		32.9	
1,1-Dichloroethane	0.20	U	34.7	37.1	24.4	F	30.4	
trans-1,2-Dichloroethene	0.24	U	34.7	37.1	20.7	F	25.7	F
cis-1,2-Dichloroethene	0.20	U	34.7	37.1	21.5	F	26.8	F
Chloroform	0.44	U	34.7	37.1	21.6	F	28.1	F
2-Butanone	7.5	J	34.7	37.1	31.3	F	28.6	F
1,2-Dichloroethane	0.33	U	34.7	37.1	21.5	F	27.2	F
1,1,1-Trichloroethane	0.24	U	34.7	37.1	20.9	F	27.4	F
Carbon tetrachloride	0.28	U	34.7	37.1	19.3	F	26.0	F
Benzene	0.28	U	34.7	37.1	21.1	F	24.6	F
Bromoform	0.31	U	34.7	37.1	11.8	F	12.6	F
Styrene	0.52	U	34.7	37.1	13.9	F	14.4	F
m&p-Xylene	1.1	U	69.5	74.3	36.0	F	36.6	F
o-Xylene	0.35	U	34.7	37.1	16.9	F	16.7	F
Ethylbenzene	0.31	U	34.7	37.1	18.3	F	19.1	F
Chlorobenzene	0.33	U	34.7	37.1	15.7	F	15.8	F
Cyclohexane	0.24	U	34.7	37.1	16.7	F	26.8	F
Isopropylbenzene	0.20	U	34.7	37.1	17.3	F	18.5	F
2-Hexanone	0.24	U	34.7	37.1	30.5		26.3	
MTBE	0.20	U	34.7	37.1	28.2		29.6	
Freon TF	0.20	U	34.7	37.1	20.4	F	30.9	F
Methyl acetate	0.59	U	34.7	37.1	28.4		45.0	F
1,4-Dioxane	23	U	260	279	286		321	
Trichloroethene	0.22	U	34.7	37.1	17.1	F	20.1	F
Toluene	0.27	J	34.7	37.1	21.1	F	24.8	F
trans-1,3-Dichloropropene	0.18	U	34.7	37.1	14.3	F	15.4	F
4-Methyl-2-pentanone	0.37	U	34.7	37.1	25.3		25.2	
cis-1,3-Dichloropropene	0.26	U	34.7	37.1	16.6	F	19.0	F
1,2-Dichlorobenzene	0.18	U	34.7	37.1	13.3	F	11.0	F
1,3-Dichlorobenzene	0.30	U	34.7	37.1	17.1	F	13.7	F
1,4-Dichlorobenzene	0.20	U	34.7	37.1	15.4	F	12.3	F
1,2,4-Trichlorobenzene	0.35	U	34.7	37.1	7.54	F	6.48	F
1,2,3-Trichlorobenzene	0.30	U	34.7	37.1	4.95	F	4.61	F
1,2-Dichloropropane	0.28	U	34.7	37.1	22.6	F	26.7	F
Methylcyclohexane	0.18	U	34.7	37.1	15.3	F	23.9	F

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122188

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-42971-3	Units:	ug/Kg	MSD Lab Sample ID:	460-42971-3
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/10/2012 1504			Analysis Date:	08/10/2012 1436
Prep Date:	08/01/2012 1730			Prep Date:	08/01/2012 1730
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Tetrachloroethene	0.22	U	34.7	37.1	19.6	F	21.1	F
1,2-Dibromo-3-Chloropropane	0.81	U	34.7	37.1	16.1	F	14.4	F
1,1,2,2-Tetrachloroethane	0.17	U	34.7	37.1	26.3	F	20.0	F
1,1,2-Trichloroethane	0.26	U	34.7	37.1	22.5	F	22.7	F
Dibromochloromethane	0.18	U	34.7	37.1	17.7	F	18.4	F
1,2-Dibromoethane	0.28	U	34.7	37.1	18.2	F	19.6	F
Dichlorodifluoromethane	0.41	U	34.7	37.1	19.8		27.2	F
Bromochloromethane	0.20	U	34.7	37.1	20.9	F	28.1	
Bromodichloromethane	0.59	U	34.7	37.1	19.3	F	22.9	F

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122264

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-122264/4	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k02947.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1020	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1020				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
m&p-Xylene	0.25	U	0.25	2.0
o-Xylene	0.13	U	0.13	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122264

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-122264/4	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k02947.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1020	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1020				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	70 - 130
Toluene-d8 (Surr)	96	70 - 130
Bromofluorobenzene	95	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122264

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-122264/3	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k02944.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 0905	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 0905				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	28.7	144	58 - 146	
Bromomethane	20.0	20.2	101	55 - 153	
Vinyl chloride	20.0	25.9	130	61 - 144	
Chloroethane	20.0	25.2	126	69 - 145	
Methylene Chloride	20.0	21.2	106	79 - 119	
Acetone	20.0	24.5	123	45 - 156	
Carbon disulfide	20.0	14.4	72	58 - 139	
Trichlorofluoromethane	20.0	21.7	109	69 - 147	
1,1-Dichloroethene	20.0	16.6	83	56 - 139	
1,1-Dichloroethane	20.0	20.4	102	78 - 122	
trans-1,2-Dichloroethene	20.0	17.6	88	75 - 122	
cis-1,2-Dichloroethene	20.0	18.0	90	80 - 120	
Chloroform	20.0	19.0	95	82 - 123	
2-Butanone	20.0	19.6	98	65 - 114	
1,2-Dichloroethane	20.0	19.1	95	74 - 118	
1,1,1-Trichloroethane	20.0	17.1	85	74 - 128	
Carbon tetrachloride	20.0	17.2	86	73 - 120	
Benzene	20.0	19.4	97	83 - 124	
Bromoform	20.0	17.3	86	73 - 123	
Styrene	20.0	19.1	95	69 - 112	
m&p-Xylene	40.0	36.9	92	76 - 120	
o-Xylene	20.0	18.8	94	78 - 118	
Ethylbenzene	20.0	17.9	89	79 - 126	
Chlorobenzene	20.0	18.5	93	81 - 121	
Cyclohexane	20.0	19.4	97	58 - 133	
Isopropylbenzene	20.0	18.3	91	80 - 125	
2-Hexanone	20.0	21.4	107	53 - 121	
MTBE	20.0	18.5	92	71 - 115	
Freon TF	20.0	17.7	89	47 - 139	
Methyl acetate	20.0	20.7	104	50 - 151	
1,4-Dioxane	150	135	90	52 - 126	
Trichloroethene	20.0	17.4	87	78 - 119	
Toluene	20.0	18.2	91	80 - 120	
trans-1,3-Dichloropropene	20.0	18.9	95	78 - 118	
4-Methyl-2-pentanone	20.0	21.3	107	53 - 120	
cis-1,3-Dichloropropene	20.0	19.5	97	80 - 120	
1,2-Dichlorobenzene	20.0	18.9	94	82 - 122	
1,3-Dichlorobenzene	20.0	19.3	96	81 - 126	
1,4-Dichlorobenzene	20.0	19.0	95	83 - 123	
1,2,4-Trichlorobenzene	20.0	19.6	98	66 - 120	
1,2,3-Trichlorobenzene	20.0	21.2	106	76 - 123	
1,2-Dichloropropane	20.0	20.6	103	80 - 120	
Methylcyclohexane	20.0	19.0	95	61 - 129	
Tetrachloroethene	20.0	16.8	84	68 - 139	
1,2-Dibromo-3-Chloropropane	20.0	23.0	115	70 - 116	
1,1,2,2-Tetrachloroethane	20.0	21.9	109	74 - 126	

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122264

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-122264/3	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k02944.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 0905	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 0905				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	20.0	20.1	101	79 - 119	
Dibromochloromethane	20.0	18.4	92	80 - 120	
1,2-Dibromoethane	20.0	18.8	94	78 - 118	
Dichlorodifluoromethane	20.0	20.4	102	46 - 145	
Bromochloromethane	20.0	17.2	86	80 - 121	
Bromodichloromethane	20.0	18.6	93	79 - 119	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 130
Toluene-d8 (Surr)	99	70 - 130
Bromofluorobenzene	92	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122264

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-42904-B-4 MS	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k02957.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1423			Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1423				
Leach Date:	N/A				

MSD Lab Sample ID:	460-42904-B-4 MSD	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k02958.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1446			Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1446				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	137	139	58 - 146	2	30		
Bromomethane	101	103	55 - 153	3	30		
Vinyl chloride	123	125	61 - 144	2	30		
Chloroethane	124	127	69 - 145	3	30		
Methylene Chloride	117	120	79 - 119	2	30		F
Acetone	126	131	45 - 156	4	30		
Carbon disulfide	125	128	58 - 139	2	30		
Trichlorofluoromethane	104	103	69 - 147	1	30		
1,1-Dichloroethene	106	110	56 - 139	4	30		
1,1-Dichloroethane	110	112	78 - 122	1	30		
trans-1,2-Dichloroethene	101	102	75 - 122	1	30		
cis-1,2-Dichloroethene	117	103	80 - 120	12	30		
Chloroform	99	101	82 - 123	1	30		
2-Butanone	110	110	65 - 114	0	30		
1,2-Dichloroethane	100	99	74 - 118	1	30		
1,1,1-Trichloroethane	91	93	74 - 128	2	30		
Carbon tetrachloride	90	91	73 - 120	1	30		
Benzene	102	104	83 - 124	2	30		
Bromoform	86	87	73 - 123	0	30		
Styrene	94	96	69 - 112	3	30		
m&p-Xylene	92	94	76 - 120	2	30		
o-Xylene	93	97	78 - 118	3	30		
Ethylbenzene	90	92	79 - 126	3	30		
Chlorobenzene	92	94	81 - 121	2	30		
Cyclohexane	116	111	58 - 133	4	30		
Isopropylbenzene	90	92	80 - 125	2	30		
2-Hexanone	120	121	53 - 121	1	30		
MTBE	98	98	71 - 115	0	30		
Freon TF	111	110	47 - 139	1	30		
Methyl acetate	114	116	50 - 151	1	30		
1,4-Dioxane	94	95	52 - 126	1	30		
Trichloroethene	99	95	78 - 119	4	30		
Toluene	93	95	80 - 120	2	30		

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122264

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-42904-B-4 MS	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k02957.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1423			Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1423				
Leach Date:	N/A				

MSD Lab Sample ID:	460-42904-B-4 MSD	Analysis Batch:	460-122264	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k02958.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2012 1446			Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1446				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	93	96	78 - 118	3	30		
4-Methyl-2-pentanone	118	120	53 - 120	1	30		
cis-1,3-Dichloropropene	95	98	80 - 120	3	30		
1,2-Dichlorobenzene	91	97	82 - 122	6	30		
1,3-Dichlorobenzene	95	98	81 - 126	3	30		
1,4-Dichlorobenzene	94	97	83 - 123	3	30		
1,2,4-Trichlorobenzene	88	98	66 - 120	10	30		
1,2,3-Trichlorobenzene	88	104	76 - 123	17	30		
1,2-Dichloropropane	107	107	80 - 120	0	30		
Methylcyclohexane	101	98	61 - 129	3	30		
Tetrachloroethene	103	90	68 - 139	13	30		
1,2-Dibromo-3-Chloropropane	110	121	70 - 116	10	30		F
1,1,2,2-Tetrachloroethane	115	118	74 - 126	2	30		
1,1,2-Trichloroethane	102	107	79 - 119	4	30		
Dibromochloromethane	91	91	80 - 120	0	30		
1,2-Dibromoethane	98	98	78 - 118	1	30		
Dichlorodifluoromethane	100	98	46 - 145	2	30		
Bromochloromethane	91	91	80 - 121	0	30		
Bromodichloromethane	95	97	79 - 119	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	103	70 - 130
Toluene-d8 (Surr)	98	96	70 - 130
Bromofluorobenzene	91	90	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122264

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-42904-B-4 MS	Units:	ug/L	MSD Lab Sample ID:	460-42904-B-4 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	5.0			Dilution:	5.0
Analysis Date:	08/02/2012 1423			Analysis Date:	08/02/2012 1446
Prep Date:	08/02/2012 1423			Prep Date:	08/02/2012 1446
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Chloromethane	0.10	U	100	100	137	139	
Bromomethane	0.18	U	100	100	101	103	
Vinyl chloride	1.9		100	100	125	127	
Chloroethane	0.17	U	100	100	124	127	
Methylene Chloride	0.18	U	100	100	117	120	F
Acetone	2.7	U	100	100	126	131	
Carbon disulfide	0.13	U	100	100	125	128	
Trichlorofluoromethane	0.15	U	100	100	104	103	
1,1-Dichloroethene	0.090	U	100	100	106	110	
1,1-Dichloroethane	1.3		100	100	112	113	
trans-1,2-Dichloroethene	0.13	U	100	100	101	102	
cis-1,2-Dichloroethene	1.1		100	100	118	104	
Chloroform	0.080	U	100	100	99.5	101	
2-Butanone	2.3	U	100	100	110	110	
1,2-Dichloroethane	0.19	J	100	100	100	99.1	
1,1,1-Trichloroethane	0.060	U	100	100	90.9	92.7	
Carbon tetrachloride	0.060	U	100	100	90.3	91.1	
Benzene	6.2		100	100	108	110	
Bromoform	0.19	U	100	100	86.2	86.6	
Styrene	0.12	U	100	100	94.0	96.4	
m&p-Xylene	0.25	U	200	200	184	187	
o-Xylene	0.13	U	100	100	93.4	96.6	
Ethylbenzene	0.13	J	100	100	89.9	92.4	
Chlorobenzene	0.47	J	100	100	92.9	94.5	
Cyclohexane	1.6		100	100	117	113	
Isopropylbenzene	0.15	J	100	100	90.2	92.0	
2-Hexanone	0.50	U	100	100	120	121	
MTBE	1.0		100	100	98.9	99.2	
Freon TF	0.080	U	100	100	111	110	
Methyl acetate	0.34	U	100	100	114	116	
1,4-Dioxane	36	U	750	750	704	712	
Trichloroethene	0.43	J	100	100	99.2	95.7	
Toluene	0.17	J	100	100	92.8	94.9	
trans-1,3-Dichloropropene	0.24	U	100	100	92.8	95.5	
4-Methyl-2-pentanone	0.99	U	100	100	118	120	
cis-1,3-Dichloropropene	0.18	U	100	100	95.0	97.5	
1,2-Dichlorobenzene	0.21	U	100	100	91.3	96.5	
1,3-Dichlorobenzene	0.14	U	100	100	94.9	98.2	
1,4-Dichlorobenzene	0.23	U	100	100	94.3	96.8	
1,2,4-Trichlorobenzene	0.34	U	100	100	88.1	97.6	
1,2,3-Trichlorobenzene	0.51	U	100	100	88.0	104	
1,2-Dichloropropane	0.090	U	100	100	107	107	
Methylcyclohexane	1.2		100	100	102	99.3	

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122264

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-42904-B-4 MS	Units:	ug/L
Client Matrix:	Water		
Dilution:	5.0		
Analysis Date:	08/02/2012 1423		
Prep Date:	08/02/2012 1423		
Leach Date:	N/A		

MSD Lab Sample ID:	460-42904-B-4 MSD
Client Matrix:	Water
Dilution:	5.0
Analysis Date:	08/02/2012 1446
Prep Date:	08/02/2012 1446
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Tetrachloroethene	0.10	U	100	100	103	90.4	
1,2-Dibromo-3-Chloropropane	0.40	U	100	100	110	121	F
1,1,2,2-Tetrachloroethane	0.16	U	100	100	115	118	
1,1,2-Trichloroethane	0.19	U	100	100	102	107	
Dibromochloromethane	0.20	U	100	100	91.2	91.4	
1,2-Dibromoethane	0.28	U	100	100	98.4	97.7	
Dichlorodifluoromethane	0.22	U	100	100	99.9	97.7	
Bromochloromethane	0.27	U	100	100	91.2	90.8	
Bromodichloromethane	0.12	U	100	100	95.4	96.5	

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122620

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-122620/21	Analysis Batch:	460-122620	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63017.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/03/2012 2222	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.571	J	0.15	1.0
Acetone	2.47	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122620

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-122620/21	Analysis Batch:	460-122620	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63017.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/03/2012 2222	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 130
Toluene-d8 (Surr)	97	70 - 130
Bromofluorobenzene	100	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-122620

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-122620/17	Analysis Batch:	460-122620	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63012.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/03/2012 1927	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-122620/18	Analysis Batch:	460-122620	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63013.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/03/2012 1952	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	79	85	50 - 151	7	30		
Bromomethane	100	106	54 - 142	6	30		
Vinyl chloride	91	96	67 - 133	5	30		
Chloroethane	105	114	56 - 146	8	30		
Methylene Chloride	109	116	74 - 137	6	30		
Acetone	92	104	27 - 164	12	30		
Carbon disulfide	98	100	72 - 128	3	30		
Trichlorofluoromethane	103	107	61 - 139	4	30		
1,1-Dichloroethene	114	121	71 - 126	6	30		
1,1-Dichloroethane	97	103	76 - 125	6	30		
trans-1,2-Dichloroethene	100	106	75 - 122	6	30		
cis-1,2-Dichloroethene	99	105	80 - 120	5	30		
Chloroform	99	103	77 - 120	4	30		
2-Butanone	77	93	77 - 117	18	30		
1,2-Dichloroethane	93	100	76 - 118	7	30		
1,1,1-Trichloroethane	100	104	78 - 117	3	30		
Carbon tetrachloride	100	105	79 - 118	5	30		
Benzene	105	107	77 - 117	2	30		
Bromoform	88	88	59 - 125	1	30		
Styrene	103	106	82 - 122	3	30		
m&p-Xylene	104	107	81 - 121	3	30		
o-Xylene	104	106	82 - 122	1	30		
Ethylbenzene	105	105	81 - 121	0	30		
Chlorobenzene	103	103	80 - 120	0	30		
Cyclohexane	99	106	80 - 121	7	30		
Isopropylbenzene	104	106	65 - 129	2	30		
2-Hexanone	102	99	70 - 122	3	30		
MTBE	94	95	78 - 120	2	30		
Freon TF	100	100	73 - 123	1	30		
Methyl acetate	94	89	73 - 137	5	30		
1,4-Dioxane	102	106	69 - 131	4	30		
Trichloroethene	104	105	79 - 119	0	30		
Toluene	103	103	75 - 115	0	30		
trans-1,3-Dichloropropene	87	87	67 - 121	0	30		
4-Methyl-2-pentanone	97	93	68 - 120	4	30		
cis-1,3-Dichloropropene	99	104	80 - 123	5	30		

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-122620

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-122620/17	Analysis Batch:	460-122620	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63012.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/03/2012 1927	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-122620/18	Analysis Batch:	460-122620	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63013.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/03/2012 1952	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dichlorobenzene	102	105	80 - 120	3	30		
1,3-Dichlorobenzene	104	106	80 - 120	2	30		
1,4-Dichlorobenzene	103	106	80 - 120	3	30		
1,2,4-Trichlorobenzene	103	109	80 - 120	6	30		
1,2,3-Trichlorobenzene	104	108	75 - 121	4	30		
1,2-Dichloropropane	104	106	82 - 122	2	30		
Methylcyclohexane	105	106	78 - 118	1	30		
Tetrachloroethene	107	111	80 - 120	3	30		
1,2-Dibromo-3-Chloropropane	95	97	74 - 118	1	30		
1,1,2,2-Tetrachloroethane	95	104	79 - 122	9	30		
1,1,2-Trichloroethane	100	105	73 - 118	4	30		
Dibromochloromethane	102	102	68 - 120	0	30		
1,2-Dibromoethane	100	105	75 - 117	5	30		
Dichlorodifluoromethane	73	80	52 - 144	9	30		
Bromochloromethane	97	101	74 - 125	4	30		
Bromodichloromethane	100	101	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	93	70 - 130
Toluene-d8 (Surr)	100	98	70 - 130
Bromofluorobenzene	99	101	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-122620

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-122620/17	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-122620/18
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/03/2012 1927			Analysis Date:	08/03/2012 1952
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	15.8	17.0
Bromomethane	20.0	20.0	20.0	21.2
Vinyl chloride	20.0	20.0	18.2	19.2
Chloroethane	20.0	20.0	21.1	22.8
Methylene Chloride	20.0	20.0	21.9	23.1
Acetone	20.0	20.0	18.4	20.8
Carbon disulfide	20.0	20.0	19.5	20.1
Trichlorofluoromethane	20.0	20.0	20.6	21.4
1,1-Dichloroethene	20.0	20.0	22.8	24.2
1,1-Dichloroethane	20.0	20.0	19.3	20.6
trans-1,2-Dichloroethene	20.0	20.0	20.0	21.2
cis-1,2-Dichloroethene	20.0	20.0	19.8	20.9
Chloroform	20.0	20.0	19.7	20.5
2-Butanone	20.0	20.0	15.4	18.6
1,2-Dichloroethane	20.0	20.0	18.7	19.9
1,1,1-Trichloroethane	20.0	20.0	20.0	20.7
Carbon tetrachloride	20.0	20.0	20.1	21.1
Benzene	20.0	20.0	21.0	21.3
Bromoform	20.0	20.0	17.6	17.5
Styrene	20.0	20.0	20.6	21.2
m&p-Xylene	40.0	40.0	41.5	42.8
o-Xylene	20.0	20.0	20.9	21.1
Ethylbenzene	20.0	20.0	21.0	20.9
Chlorobenzene	20.0	20.0	20.6	20.6
Cyclohexane	20.0	20.0	19.8	21.2
Isopropylbenzene	20.0	20.0	20.7	21.2
2-Hexanone	20.0	20.0	20.3	19.8
MTBE	20.0	20.0	18.8	19.1
Freon TF	20.0	20.0	19.9	20.1
Methyl acetate	20.0	20.0	18.8	17.9
1,4-Dioxane	150	150	153	159
Trichloroethene	20.0	20.0	20.9	20.9
Toluene	20.0	20.0	20.6	20.6
trans-1,3-Dichloropropene	20.0	20.0	17.4	17.4
4-Methyl-2-pentanone	20.0	20.0	19.3	18.6
cis-1,3-Dichloropropene	20.0	20.0	19.8	20.8
1,2-Dichlorobenzene	20.0	20.0	20.4	21.0
1,3-Dichlorobenzene	20.0	20.0	20.7	21.2
1,4-Dichlorobenzene	20.0	20.0	20.6	21.2

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-122620

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-122620/17	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-122620/18
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/03/2012 1927			Analysis Date:	08/03/2012 1952
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	20.6	21.8
1,2,3-Trichlorobenzene	20.0	20.0	20.7	21.5
1,2-Dichloropropane	20.0	20.0	20.8	21.2
Methylcyclohexane	20.0	20.0	20.9	21.2
Tetrachloroethene	20.0	20.0	21.4	22.1
1,2-Dibromo-3-Chloropropane	20.0	20.0	19.1	19.3
1,1,2,2-Tetrachloroethane	20.0	20.0	19.1	20.8
1,1,2-Trichloroethane	20.0	20.0	20.1	20.9
Dibromochloromethane	20.0	20.0	20.4	20.4
1,2-Dibromoethane	20.0	20.0	20.0	20.9
Dichlorodifluoromethane	20.0	20.0	14.7	16.0
Bromochloromethane	20.0	20.0	19.4	20.3
Bromodichloromethane	20.0	20.0	20.0	20.3

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122835

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-122835/6	Analysis Batch:	460-122835	Instrument ID:	VOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	k03055.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2012 2344	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.899	J	0.15	1.0
Acetone	1.7	U	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122835

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-122835/6	Analysis Batch:	460-122835	Instrument ID:	VOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	k03055.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2012 2344	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	70 - 130
Toluene-d8 (Surr)	105	70 - 130
Bromofluorobenzene	103	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-122835

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-122835/3	Analysis Batch:	460-122835	Instrument ID:	VOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	k03050.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2012 2121	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-122835/4	Analysis Batch:	460-122835	Instrument ID:	VOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	k03051.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2012 2143	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	65	70	50 - 151	6	30		
Bromomethane	86	97	54 - 142	12	30		
Vinyl chloride	73	77	67 - 133	5	30		
Chloroethane	73	79	56 - 146	9	30		
Methylene Chloride	114	114	74 - 137	1	30		
Acetone	104	98	27 - 164	6	30		
Carbon disulfide	80	86	72 - 128	7	30		
Trichlorofluoromethane	77	81	61 - 139	4	30		
1,1-Dichloroethene	91	96	71 - 126	5	30		
1,1-Dichloroethane	99	103	76 - 125	3	30		
trans-1,2-Dichloroethene	88	92	75 - 122	4	30		
cis-1,2-Dichloroethene	92	94	80 - 120	1	30		
Chloroform	97	100	77 - 120	2	30		
2-Butanone	118	100	77 - 117	16	30	*	
1,2-Dichloroethane	103	102	76 - 118	1	30		
1,1,1-Trichloroethane	93	97	78 - 117	4	30		
Carbon tetrachloride	88	93	79 - 118	6	30		
Benzene	94	96	77 - 117	2	30		
Bromoform	93	88	59 - 125	5	30		
Styrene	99	101	82 - 122	2	30		
m&p-Xylene	96	99	81 - 121	4	30		
o-Xylene	98	99	82 - 122	1	30		
Ethylbenzene	95	99	81 - 121	4	30		
Chlorobenzene	95	99	80 - 120	3	30		
Cyclohexane	102	107	80 - 121	5	30		
Isopropylbenzene	97	102	65 - 129	5	30		
2-Hexanone	146	128	70 - 122	13	30	*	*
MTBE	106	100	78 - 120	5	30		
Freon TF	84	88	73 - 123	5	30		
Methyl acetate	100	88	73 - 137	13	30		
1,4-Dioxane	114	88	69 - 131	25	30		
Trichloroethene	87	91	79 - 119	4	30		
Toluene	92	96	75 - 115	4	30		
trans-1,3-Dichloropropene	108	105	67 - 121	4	30		
4-Methyl-2-pentanone	122	105	68 - 120	15	30	*	
cis-1,3-Dichloropropene	98	100	80 - 123	2	30		

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-122835

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-122835/3	Analysis Batch:	460-122835	Instrument ID:	VOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	k03050.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2012 2121	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-122835/4	Analysis Batch:	460-122835	Instrument ID:	VOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	k03051.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2012 2143	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dichlorobenzene	94	95	80 - 120	2	30		
1,3-Dichlorobenzene	93	96	80 - 120	4	30		
1,4-Dichlorobenzene	93	94	80 - 120	1	30		
1,2,4-Trichlorobenzene	91	91	80 - 120	0	30		
1,2,3-Trichlorobenzene	94	92	75 - 121	1	30		
1,2-Dichloropropane	103	103	82 - 122	0	30		
Methylcyclohexane	95	100	78 - 118	5	30		
Tetrachloroethene	87	91	80 - 120	5	30		
1,2-Dibromo-3-Chloropropane	111	95	74 - 118	16	30		
1,1,2,2-Tetrachloroethane	110	103	79 - 122	6	30		
1,1,2-Trichloroethane	104	98	73 - 118	5	30		
Dibromochloromethane	97	94	68 - 120	3	30		
1,2-Dibromoethane	101	96	75 - 117	6	30		
Dichlorodifluoromethane	75	79	52 - 144	6	30		
Bromochloromethane	92	91	74 - 125	1	30		
Bromodichloromethane	99	99	79 - 119	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	106	70 - 130
Toluene-d8 (Surr)	106	105	70 - 130
Bromofluorobenzene	102	102	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-122835

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-122835/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-122835/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/06/2012 2121			Analysis Date:	08/06/2012 2143
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Chloromethane	20.0	20.0	13.1		13.9	
Bromomethane	20.0	20.0	17.1		19.3	
Vinyl chloride	20.0	20.0	14.6		15.4	
Chloroethane	20.0	20.0	14.5		15.9	
Methylene Chloride	20.0	20.0	22.7		22.8	
Acetone	20.0	20.0	20.8		19.6	
Carbon disulfide	20.0	20.0	16.1		17.2	
Trichlorofluoromethane	20.0	20.0	15.5		16.1	
1,1-Dichloroethene	20.0	20.0	18.1		19.2	
1,1-Dichloroethane	20.0	20.0	19.9		20.6	
trans-1,2-Dichloroethene	20.0	20.0	17.6		18.3	
cis-1,2-Dichloroethene	20.0	20.0	18.5		18.7	
Chloroform	20.0	20.0	19.5		20.0	
2-Butanone	20.0	20.0	23.5	*	20.0	
1,2-Dichloroethane	20.0	20.0	20.5		20.3	
1,1,1-Trichloroethane	20.0	20.0	18.6		19.4	
Carbon tetrachloride	20.0	20.0	17.7		18.7	
Benzene	20.0	20.0	18.8		19.2	
Bromoform	20.0	20.0	18.7		17.7	
Styrene	20.0	20.0	19.8		20.3	
m&p-Xylene	40.0	40.0	38.3		39.7	
o-Xylene	20.0	20.0	19.7		19.9	
Ethylbenzene	20.0	20.0	19.1		19.8	
Chlorobenzene	20.0	20.0	19.1		19.7	
Cyclohexane	20.0	20.0	20.3		21.4	
Isopropylbenzene	20.0	20.0	19.4		20.3	
2-Hexanone	20.0	20.0	29.1	*	25.6	*
MTBE	20.0	20.0	21.2		20.1	
Freon TF	20.0	20.0	16.7		17.6	
Methyl acetate	20.0	20.0	20.0		17.6	
1,4-Dioxane	150	150	170		132	
Trichloroethene	20.0	20.0	17.5		18.3	
Toluene	20.0	20.0	18.4		19.1	
trans-1,3-Dichloropropene	20.0	20.0	21.7		20.9	
4-Methyl-2-pentanone	20.0	20.0	24.5	*	21.0	
cis-1,3-Dichloropropene	20.0	20.0	19.6		20.0	
1,2-Dichlorobenzene	20.0	20.0	18.7		19.0	
1,3-Dichlorobenzene	20.0	20.0	18.6		19.2	
1,4-Dichlorobenzene	20.0	20.0	18.5		18.7	

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-122835

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-122835/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-122835/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/06/2012 2121			Analysis Date:	08/06/2012 2143
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	18.3	18.3
1,2,3-Trichlorobenzene	20.0	20.0	18.7	18.5
1,2-Dichloropropane	20.0	20.0	20.6	20.5
Methylcyclohexane	20.0	20.0	19.1	20.0
Tetrachloroethene	20.0	20.0	17.4	18.2
1,2-Dibromo-3-Chloropropane	20.0	20.0	22.3	19.0
1,1,2,2-Tetrachloroethane	20.0	20.0	22.0	20.6
1,1,2-Trichloroethane	20.0	20.0	20.7	19.7
Dibromochloromethane	20.0	20.0	19.4	18.8
1,2-Dibromoethane	20.0	20.0	20.3	19.2
Dichlorodifluoromethane	20.0	20.0	14.9	15.9
Bromochloromethane	20.0	20.0	18.4	18.2
Bromodichloromethane	20.0	20.0	19.8	19.7

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123008

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123008/16	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63148.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2012 2107	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.194	J	0.15	1.0
Acetone	1.7	U	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123008

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123008/16	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63148.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2012 2107	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	103	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-123008

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123008/3	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63144.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2012 1909	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-123008/4	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63145.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2012 1934	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	76	73	50 - 151	3	30		
Bromomethane	86	85	54 - 142	1	30		
Vinyl chloride	83	80	67 - 133	5	30		
Chloroethane	109	99	56 - 146	10	30		
Methylene Chloride	104	107	74 - 137	3	30		
Acetone	120	107	27 - 164	12	30		
Carbon disulfide	88	83	72 - 128	6	30		
Trichlorofluoromethane	89	86	61 - 139	3	30		
1,1-Dichloroethene	89	88	71 - 126	1	30		
1,1-Dichloroethane	96	96	76 - 125	0	30		
trans-1,2-Dichloroethene	93	91	75 - 122	2	30		
cis-1,2-Dichloroethene	100	96	80 - 120	4	30		
Chloroform	94	97	77 - 120	3	30		
2-Butanone	110	100	77 - 117	10	30		
1,2-Dichloroethane	90	90	76 - 118	1	30		
1,1,1-Trichloroethane	96	94	78 - 117	2	30		
Carbon tetrachloride	92	89	79 - 118	4	30		
Benzene	101	100	77 - 117	1	30		
Bromoform	93	91	59 - 125	3	30		
Styrene	105	104	82 - 122	1	30		
m&p-Xylene	103	101	81 - 121	2	30		
o-Xylene	106	100	82 - 122	6	30		
Ethylbenzene	102	99	81 - 121	3	30		
Chlorobenzene	102	99	80 - 120	4	30		
Cyclohexane	96	89	80 - 121	7	30		
Isopropylbenzene	102	99	65 - 129	3	30		
2-Hexanone	121	105	70 - 122	15	30		
MTBE	104	99	78 - 120	5	30		
Freon TF	96	89	73 - 123	7	30		
Methyl acetate	114	99	73 - 137	14	30		
1,4-Dioxane	118	102	69 - 131	15	30		
Trichloroethene	100	101	79 - 119	1	30		
Toluene	101	97	75 - 115	4	30		
trans-1,3-Dichloropropene	93	90	67 - 121	4	30		
4-Methyl-2-pentanone	116	98	68 - 120	17	30		
cis-1,3-Dichloropropene	105	102	80 - 123	2	30		

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-123008

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123008/3	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63144.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2012 1909	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-123008/4	Analysis Batch:	460-123008	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63145.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2012 1934	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dichlorobenzene	104	102	80 - 120	2	30		
1,3-Dichlorobenzene	103	103	80 - 120	1	30		
1,4-Dichlorobenzene	104	103	80 - 120	1	30		
1,2,4-Trichlorobenzene	108	109	80 - 120	1	30		
1,2,3-Trichlorobenzene	106	108	75 - 121	2	30		
1,2-Dichloropropane	100	105	82 - 122	5	30		
Methylcyclohexane	100	96	78 - 118	5	30		
Tetrachloroethene	98	95	80 - 120	4	30		
1,2-Dibromo-3-Chloropropane	118	113	74 - 118	4	30		
1,1,2,2-Tetrachloroethane	111	104	79 - 122	7	30		
1,1,2-Trichloroethane	106	106	73 - 118	0	30		
Dibromochloromethane	103	102	68 - 120	1	30		
1,2-Dibromoethane	105	104	75 - 117	2	30		
Dichlorodifluoromethane	82	80	52 - 144	3	30		
Bromochloromethane	92	96	74 - 125	4	30		
Bromodichloromethane	98	99	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	92	70 - 130
Toluene-d8 (Surr)	99	99	70 - 130
Bromofluorobenzene	103	101	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-123008

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123008/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-123008/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/07/2012 1909			Analysis Date:	08/07/2012 1934
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	15.1	14.6
Bromomethane	20.0	20.0	17.2	17.0
Vinyl chloride	20.0	20.0	16.7	15.9
Chloroethane	20.0	20.0	21.9	19.7
Methylene Chloride	20.0	20.0	20.8	21.3
Acetone	20.0	20.0	24.0	21.4
Carbon disulfide	20.0	20.0	17.7	16.7
Trichlorofluoromethane	20.0	20.0	17.8	17.3
1,1-Dichloroethene	20.0	20.0	17.8	17.7
1,1-Dichloroethane	20.0	20.0	19.2	19.2
trans-1,2-Dichloroethene	20.0	20.0	18.5	18.2
cis-1,2-Dichloroethene	20.0	20.0	20.1	19.2
Chloroform	20.0	20.0	18.8	19.3
2-Butanone	20.0	20.0	22.0	20.0
1,2-Dichloroethane	20.0	20.0	18.1	18.0
1,1,1-Trichloroethane	20.0	20.0	19.2	18.9
Carbon tetrachloride	20.0	20.0	18.5	17.8
Benzene	20.0	20.0	20.2	19.9
Bromoform	20.0	20.0	18.6	18.1
Styrene	20.0	20.0	21.0	20.8
m&p-Xylene	40.0	40.0	41.4	40.5
o-Xylene	20.0	20.0	21.2	19.9
Ethylbenzene	20.0	20.0	20.5	19.8
Chlorobenzene	20.0	20.0	20.5	19.7
Cyclohexane	20.0	20.0	19.1	17.9
Isopropylbenzene	20.0	20.0	20.4	19.8
2-Hexanone	20.0	20.0	24.3	21.0
MTBE	20.0	20.0	20.9	19.8
Freon TF	20.0	20.0	19.2	17.9
Methyl acetate	20.0	20.0	22.8	19.8
1,4-Dioxane	150	150	177	153
Trichloroethene	20.0	20.0	20.0	20.2
Toluene	20.0	20.0	20.1	19.5
trans-1,3-Dichloropropene	20.0	20.0	18.6	18.0
4-Methyl-2-pentanone	20.0	20.0	23.2	19.6
cis-1,3-Dichloropropene	20.0	20.0	21.0	20.5
1,2-Dichlorobenzene	20.0	20.0	20.8	20.3
1,3-Dichlorobenzene	20.0	20.0	20.6	20.5
1,4-Dichlorobenzene	20.0	20.0	20.8	20.7

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-123008

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123008/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-123008/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/07/2012 1909			Analysis Date:	08/07/2012 1934
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	21.6	21.8
1,2,3-Trichlorobenzene	20.0	20.0	21.1	21.6
1,2-Dichloropropane	20.0	20.0	20.1	21.0
Methylcyclohexane	20.0	20.0	20.1	19.1
Tetrachloroethene	20.0	20.0	19.7	18.9
1,2-Dibromo-3-Chloropropane	20.0	20.0	23.5	22.7
1,1,2,2-Tetrachloroethane	20.0	20.0	22.2	20.8
1,1,2-Trichloroethane	20.0	20.0	21.2	21.2
Dibromochloromethane	20.0	20.0	20.6	20.4
1,2-Dibromoethane	20.0	20.0	21.1	20.7
Dichlorodifluoromethane	20.0	20.0	16.4	15.9
Bromochloromethane	20.0	20.0	18.5	19.2
Bromodichloromethane	20.0	20.0	19.5	19.8

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123251

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123251/4	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d23214.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	08/09/2012 1138	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	9.7	U	9.7	100
Bromomethane	18	U	18	100
Vinyl chloride	14	U	14	100
Chloroethane	17	U	17	100
Methylene Chloride	18	U	18	100
Acetone	270	U	270	500
Carbon disulfide	13	U	13	100
Trichlorofluoromethane	15	U	15	100
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
trans-1,2-Dichloroethene	13	U	13	100
cis-1,2-Dichloroethene	18	U	18	100
Chloroform	7.9	U	7.9	100
2-Butanone	230	U	230	500
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
Carbon tetrachloride	5.7	U	5.7	100
Benzene	8.3	U	8.3	100
Bromoform	19	U	19	100
Styrene	12	U	12	100
m&p-Xylene	25	U	25	200
o-Xylene	13	U	13	100
Ethylbenzene	9.6	U	9.6	100
Chlorobenzene	11	U	11	100
Cyclohexane	16	U	16	100
Isopropylbenzene	7.7	U	7.7	100
2-Hexanone	50	U	50	500
MTBE	14	U	14	100
Freon TF	8.2	U	8.2	100
Methyl acetate	34	U	34	200
1,4-Dioxane	3600	U	3600	5000
Trichloroethene	9.2	U	9.2	100
Toluene	15	U	15	100
trans-1,3-Dichloropropene	24	U	24	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
1,2,3-Trichlorobenzene	51	U	51	100
1,2-Dichloropropane	8.6	U	8.6	100
Methylcyclohexane	14	U	14	100
Tetrachloroethene	9.7	U	9.7	100
1,2-Dibromo-3-Chloropropane	40	U	40	100

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123251

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123251/4	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d23214.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	08/09/2012 1138	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	16	U	16	100
1,1,2-Trichloroethane	19	U	19	100
Dibromochloromethane	20	U	20	100
1,2-Dibromoethane	28	U	28	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
Bromodichloromethane	13	U	13	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	75 - 135
Toluene-d8 (Surr)	105	59 - 150
Bromofluorobenzene	103	72 - 133

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-123251

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-123251/3	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d23211.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	08/09/2012 1021	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	2790	139	52 - 144	
Bromomethane	2000	2770	138	58 - 154	
Vinyl chloride	2000	2360	118	55 - 154	
Chloroethane	2000	2860	143	66 - 144	
Methylene Chloride	2000	2140	107	78 - 118	
Acetone	2000	1870	93	48 - 177	
Carbon disulfide	2000	1920	96	70 - 120	
Trichlorofluoromethane	2000	2410	120	60 - 148	
1,1-Dichloroethene	2000	2290	114	68 - 138	
1,1-Dichloroethane	2000	2330	117	79 - 119	
trans-1,2-Dichloroethene	2000	2110	105	73 - 119	
cis-1,2-Dichloroethene	2000	2220	111	78 - 118	
Chloroform	2000	2200	110	81 - 122	
2-Butanone	2000	2670	133	70 - 139	
1,2-Dichloroethane	2000	2220	111	81 - 121	
1,1,1-Trichloroethane	2000	2260	113	78 - 118	
Carbon tetrachloride	2000	2220	111	64 - 130	
Benzene	2000	2360	118	71 - 118	
Bromoform	2000	2040	102	76 - 133	
Styrene	2000	2210	111	73 - 126	
m&p-Xylene	4000	4410	110	78 - 127	
o-Xylene	2000	2290	115	77 - 122	
Ethylbenzene	2000	2240	112	78 - 124	
Chlorobenzene	2000	2160	108	69 - 124	
Cyclohexane	2000	2540	127	69 - 128	
Isopropylbenzene	2000	2310	116	80 - 143	
2-Hexanone	2000	2030	101	62 - 123	
MTBE	2000	2180	109	65 - 143	
Freon TF	2000	1520	76	50 - 128	
Methyl acetate	2000	2290	114	72 - 165	
1,4-Dioxane	15000	11900	79	54 - 147	
Trichloroethene	2000	2190	110	82 - 122	
Toluene	2000	2190	109	79 - 136	
trans-1,3-Dichloropropene	2000	2280	114	73 - 118	
4-Methyl-2-pentanone	2000	2400	120	69 - 124	
cis-1,3-Dichloropropene	2000	2250	113	75 - 120	
1,2-Dichlorobenzene	2000	2150	108	83 - 123	
1,3-Dichlorobenzene	2000	2210	111	83 - 123	
1,4-Dichlorobenzene	2000	2160	108	84 - 124	
1,2,4-Trichlorobenzene	2000	2260	113	62 - 144	
1,2,3-Trichlorobenzene	2000	2500	125	36 - 207	
1,2-Dichloropropane	2000	2310	115	78 - 118	
Methylcyclohexane	2000	1990	99	80 - 134	
Tetrachloroethene	2000	2150	108	78 - 136	
1,2-Dibromo-3-Chloropropane	2000	2260	113	62 - 127	
1,1,2,2-Tetrachloroethane	2000	2370	119	86 - 145	

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-123251

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-123251/3	Analysis Batch:	460-123251	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d23211.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	08/09/2012 1021	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	2000	2240	112	77 - 120	
Dibromochloromethane	2000	2190	110	78 - 118	
1,2-Dibromoethane	2000	2270	114	76 - 120	
Dichlorodifluoromethane	2000	2440	122	41 - 149	
Bromochloromethane	2000	2170	108	81 - 121	
Bromodichloromethane	2000	2220	111	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	75 - 135
Toluene-d8 (Surr)	107	59 - 150
Bromofluorobenzene	105	72 - 133

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123371

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123371/5	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63243.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/09/2012 2224	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.457	J	0.15	1.0
Acetone	2.81	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123371

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123371/5	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63243.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/09/2012 2224	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 130
Toluene-d8 (Surr)	98	70 - 130
Bromofluorobenzene	105	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-123371

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123371/3	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63239.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/09/2012 1958	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-123371/4	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63240.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/09/2012 2023	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	84	90	50 - 151	7	30		
Bromomethane	101	104	54 - 142	3	30		
Vinyl chloride	93	94	67 - 133	2	30		
Chloroethane	105	115	56 - 146	10	30		
Methylene Chloride	102	105	74 - 137	3	30		
Acetone	114	107	27 - 164	7	30		
Carbon disulfide	74	73	72 - 128	1	30		
Trichlorofluoromethane	93	92	61 - 139	1	30		
1,1-Dichloroethene	81	87	71 - 126	8	30		
1,1-Dichloroethane	93	99	76 - 125	6	30		
trans-1,2-Dichloroethene	87	94	75 - 122	8	30		
cis-1,2-Dichloroethene	95	99	80 - 120	4	30		
Chloroform	94	98	77 - 120	4	30		
2-Butanone	107	99	77 - 117	7	30		
1,2-Dichloroethane	93	95	76 - 118	2	30		
1,1,1-Trichloroethane	91	95	78 - 117	4	30		
Carbon tetrachloride	89	96	79 - 118	8	30		
Benzene	98	102	77 - 117	4	30		
Bromoform	96	94	59 - 125	2	30		
Styrene	101	105	82 - 122	4	30		
m&p-Xylene	97	102	81 - 121	6	30		
o-Xylene	97	101	82 - 122	3	30		
Ethylbenzene	95	99	81 - 121	3	30		
Chlorobenzene	98	103	80 - 120	5	30		
Cyclohexane	86	88	80 - 121	2	30		
Isopropylbenzene	97	101	65 - 129	4	30		
2-Hexanone	109	99	70 - 122	9	30		
MTBE	106	101	78 - 120	5	30		
Freon TF	91	92	73 - 123	1	30		
Methyl acetate	113	105	73 - 137	8	30		
1,4-Dioxane	101	101	69 - 131	0	30		
Trichloroethene	95	98	79 - 119	3	30		
Toluene	96	99	75 - 115	3	30		
trans-1,3-Dichloropropene	91	91	67 - 121	0	30		
4-Methyl-2-pentanone	112	101	68 - 120	10	30		
cis-1,3-Dichloropropene	107	109	80 - 123	2	30		

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-123371

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123371/3	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63239.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/09/2012 1958	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-123371/4	Analysis Batch:	460-123371	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63240.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/09/2012 2023	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dichlorobenzene	103	102	80 - 120	1	30		
1,3-Dichlorobenzene	101	101	80 - 120	0	30		
1,4-Dichlorobenzene	102	103	80 - 120	1	30		
1,2,4-Trichlorobenzene	103	104	80 - 120	1	30		
1,2,3-Trichlorobenzene	101	107	75 - 121	6	30		
1,2-Dichloropropane	101	103	82 - 122	2	30		
Methylcyclohexane	93	92	78 - 118	1	30		
Tetrachloroethene	91	93	80 - 120	2	30		
1,2-Dibromo-3-Chloropropane	108	107	74 - 118	1	30		
1,1,2,2-Tetrachloroethane	112	108	79 - 122	3	30		
1,1,2-Trichloroethane	105	108	73 - 118	3	30		
Dibromochloromethane	106	106	68 - 120	0	30		
1,2-Dibromoethane	105	104	75 - 117	1	30		
Dichlorodifluoromethane	81	84	52 - 144	3	30		
Bromochloromethane	95	96	74 - 125	1	30		
Bromodichloromethane	101	106	79 - 119	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	92	70 - 130
Toluene-d8 (Surr)	101	101	70 - 130
Bromofluorobenzene	105	100	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-123371

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123371/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-123371/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/09/2012 1958			Analysis Date:	08/09/2012 2023
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	16.8	17.9
Bromomethane	20.0	20.0	20.2	20.7
Vinyl chloride	20.0	20.0	18.5	18.8
Chloroethane	20.0	20.0	21.0	23.1
Methylene Chloride	20.0	20.0	20.3	21.0
Acetone	20.0	20.0	22.8	21.3
Carbon disulfide	20.0	20.0	14.8	14.7
Trichlorofluoromethane	20.0	20.0	18.7	18.5
1,1-Dichloroethene	20.0	20.0	16.1	17.4
1,1-Dichloroethane	20.0	20.0	18.5	19.7
trans-1,2-Dichloroethene	20.0	20.0	17.4	18.9
cis-1,2-Dichloroethene	20.0	20.0	19.0	19.8
Chloroform	20.0	20.0	18.9	19.7
2-Butanone	20.0	20.0	21.3	19.8
1,2-Dichloroethane	20.0	20.0	18.6	19.0
1,1,1-Trichloroethane	20.0	20.0	18.2	19.0
Carbon tetrachloride	20.0	20.0	17.8	19.3
Benzene	20.0	20.0	19.6	20.4
Bromoform	20.0	20.0	19.2	18.8
Styrene	20.0	20.0	20.2	21.0
m&p-Xylene	40.0	40.0	38.7	40.9
o-Xylene	20.0	20.0	19.5	20.2
Ethylbenzene	20.0	20.0	19.1	19.7
Chlorobenzene	20.0	20.0	19.7	20.7
Cyclohexane	20.0	20.0	17.1	17.5
Isopropylbenzene	20.0	20.0	19.3	20.1
2-Hexanone	20.0	20.0	21.7	19.8
MTBE	20.0	20.0	21.2	20.1
Freon TF	20.0	20.0	18.1	18.4
Methyl acetate	20.0	20.0	22.6	21.0
1,4-Dioxane	150	150	152	152
Trichloroethene	20.0	20.0	19.1	19.7
Toluene	20.0	20.0	19.2	19.9
trans-1,3-Dichloropropene	20.0	20.0	18.1	18.1
4-Methyl-2-pentanone	20.0	20.0	22.3	20.2
cis-1,3-Dichloropropene	20.0	20.0	21.4	21.9
1,2-Dichlorobenzene	20.0	20.0	20.6	20.3
1,3-Dichlorobenzene	20.0	20.0	20.3	20.2
1,4-Dichlorobenzene	20.0	20.0	20.4	20.7

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-123371

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123371/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-123371/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/09/2012 1958			Analysis Date:	08/09/2012 2023
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	20.6	20.8
1,2,3-Trichlorobenzene	20.0	20.0	20.2	21.4
1,2-Dichloropropane	20.0	20.0	20.2	20.6
Methylcyclohexane	20.0	20.0	18.6	18.3
Tetrachloroethene	20.0	20.0	18.2	18.5
1,2-Dibromo-3-Chloropropane	20.0	20.0	21.6	21.4
1,1,2,2-Tetrachloroethane	20.0	20.0	22.4	21.7
1,1,2-Trichloroethane	20.0	20.0	21.0	21.6
Dibromochloromethane	20.0	20.0	21.1	21.2
1,2-Dibromoethane	20.0	20.0	20.9	20.8
Dichlorodifluoromethane	20.0	20.0	16.3	16.8
Bromochloromethane	20.0	20.0	19.0	19.2
Bromodichloromethane	20.0	20.0	20.1	21.1

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123432

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123432/5	Analysis Batch:	460-123432	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63269.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 0947	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.323	J	0.15	1.0
Acetone	2.73	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.350	J	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123432

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123432/5	Analysis Batch:	460-123432	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63269.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 0947	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
Toluene-d8 (Surr)	98	70 - 130
Bromofluorobenzene	97	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-123432

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-123432/3	Analysis Batch:	460-123432	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63266.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 0826	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	17.2	86	50 - 151	
Bromomethane	20.0	21.3	106	54 - 142	
Vinyl chloride	20.0	19.2	96	67 - 133	
Chloroethane	20.0	22.7	114	56 - 146	
Methylene Chloride	20.0	22.4	112	74 - 137	
Acetone	20.0	19.1	96	27 - 164	
Carbon disulfide	20.0	14.4	72	72 - 128	
Trichlorofluoromethane	20.0	20.1	101	61 - 139	
1,1-Dichloroethene	20.0	20.4	102	71 - 126	
1,1-Dichloroethane	20.0	19.4	97	76 - 125	
trans-1,2-Dichloroethene	20.0	18.0	90	75 - 122	
cis-1,2-Dichloroethene	20.0	19.4	97	80 - 120	
Chloroform	20.0	20.1	101	77 - 120	
2-Butanone	20.0	18.8	94	77 - 117	
1,2-Dichloroethane	20.0	19.2	96	76 - 118	
1,1,1-Trichloroethane	20.0	19.3	96	78 - 117	
Carbon tetrachloride	20.0	19.0	95	79 - 118	
Benzene	20.0	19.5	98	77 - 117	
Bromoform	20.0	17.1	85	59 - 125	
Styrene	20.0	19.5	97	82 - 122	
m&p-Xylene	40.0	38.2	95	81 - 121	
o-Xylene	20.0	18.7	93	82 - 122	
Ethylbenzene	20.0	18.6	93	81 - 121	
Chlorobenzene	20.0	18.4	92	80 - 120	
Cyclohexane	20.0	17.2	86	80 - 121	
Isopropylbenzene	20.0	18.8	94	65 - 129	
2-Hexanone	20.0	19.9	100	70 - 122	
MTBE	20.0	18.6	93	78 - 120	
Freon TF	20.0	17.9	89	73 - 123	
Methyl acetate	20.0	17.8	89	73 - 137	
1,4-Dioxane	150	173	115	69 - 131	
Trichloroethene	20.0	18.8	94	79 - 119	
Toluene	20.0	18.1	90	75 - 115	
trans-1,3-Dichloropropene	20.0	15.9	79	67 - 121	
4-Methyl-2-pentanone	20.0	19.4	97	68 - 120	
cis-1,3-Dichloropropene	20.0	19.5	98	80 - 123	
1,2-Dichlorobenzene	20.0	19.5	97	80 - 120	
1,3-Dichlorobenzene	20.0	19.5	98	80 - 120	
1,4-Dichlorobenzene	20.0	19.3	96	80 - 120	
1,2,4-Trichlorobenzene	20.0	20.2	101	80 - 120	
1,2,3-Trichlorobenzene	20.0	20.2	101	75 - 121	
1,2-Dichloropropane	20.0	20.0	100	82 - 122	
Methylcyclohexane	20.0	16.7	84	78 - 118	
Tetrachloroethene	20.0	18.0	90	80 - 120	
1,2-Dibromo-3-Chloropropane	20.0	22.6	113	74 - 118	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	79 - 122	

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-123432

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-123432/3	Analysis Batch:	460-123432	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63266.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 0826	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	20.0	19.2	96	73 - 118	
Dibromochloromethane	20.0	18.9	95	68 - 120	
1,2-Dibromoethane	20.0	18.8	94	75 - 117	
Dichlorodifluoromethane	20.0	16.1	81	52 - 144	
Bromochloromethane	20.0	18.9	95	74 - 125	
Bromodichloromethane	20.0	20.4	102	79 - 119	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 130
Toluene-d8 (Surr)	96	70 - 130
Bromofluorobenzene	100	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123838

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123838/5	Analysis Batch:	460-123838	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63353.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 2114	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.456	J	0.15	1.0
Acetone	2.23	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.427	J	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123838

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-123838/5	Analysis Batch:	460-123838	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63353.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 2114	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 130
Toluene-d8 (Surr)	96	70 - 130
Bromofluorobenzene	99	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-123838

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123838/3	Analysis Batch:	460-123838	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63349.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1846	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-123838/4	Analysis Batch:	460-123838	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63350.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1911	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	91	88	50 - 151	4	30		
Bromomethane	111	92	54 - 142	19	30		
Vinyl chloride	98	95	67 - 133	4	30		
Chloroethane	129	114	56 - 146	12	30		
Methylene Chloride	121	115	74 - 137	5	30		
Acetone	122	113	27 - 164	7	30		
Carbon disulfide	114	107	72 - 128	7	30		
Trichlorofluoromethane	103	94	61 - 139	8	30		
1,1-Dichloroethene	98	94	71 - 126	4	30		
1,1-Dichloroethane	109	106	76 - 125	3	30		
trans-1,2-Dichloroethene	105	101	75 - 122	4	30		
cis-1,2-Dichloroethene	112	107	80 - 120	4	30		
Chloroform	108	107	77 - 120	0	30		
2-Butanone	87	107	77 - 117	20	30		
1,2-Dichloroethane	102	101	76 - 118	1	30		
1,1,1-Trichloroethane	105	100	78 - 117	5	30		
Carbon tetrachloride	100	98	79 - 118	2	30		
Benzene	109	106	77 - 117	2	30		
Bromoform	90	91	59 - 125	2	30		
Styrene	109	105	82 - 122	4	30		
m&p-Xylene	106	103	81 - 121	3	30		
o-Xylene	103	102	82 - 122	1	30		
Ethylbenzene	103	101	81 - 121	2	30		
Chlorobenzene	102	100	80 - 120	2	30		
Cyclohexane	109	102	80 - 121	6	30		
Isopropylbenzene	104	98	65 - 129	6	30		
2-Hexanone	98	99	70 - 122	1	30		
MTBE	106	102	78 - 120	4	30		
Freon TF	106	99	73 - 123	7	30		
Methyl acetate	109	102	73 - 137	7	30		
1,4-Dioxane	108	114	69 - 131	6	30		
Trichloroethene	103	99	79 - 119	4	30		
Toluene	101	99	75 - 115	2	30		
trans-1,3-Dichloropropene	88	89	67 - 121	1	30		
4-Methyl-2-pentanone	103	106	68 - 120	2	30		
cis-1,3-Dichloropropene	111	109	80 - 123	2	30		

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-123838

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123838/3	Analysis Batch:	460-123838	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63349.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1846	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-123838/4	Analysis Batch:	460-123838	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o63350.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1911	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dichlorobenzene	100	102	80 - 120	1	30		
1,3-Dichlorobenzene	101	101	80 - 120	0	30		
1,4-Dichlorobenzene	101	101	80 - 120	0	30		
1,2,4-Trichlorobenzene	104	105	80 - 120	1	30		
1,2,3-Trichlorobenzene	103	104	75 - 121	2	30		
1,2-Dichloropropane	111	105	82 - 122	5	30		
Methylcyclohexane	108	102	78 - 118	6	30		
Tetrachloroethene	96	93	80 - 120	3	30		
1,2-Dibromo-3-Chloropropane	113	115	74 - 118	1	30		
1,1,2,2-Tetrachloroethane	102	107	79 - 122	5	30		
1,1,2-Trichloroethane	105	105	73 - 118	0	30		
Dibromochloromethane	100	104	68 - 120	4	30		
1,2-Dibromoethane	101	102	75 - 117	1	30		
Dichlorodifluoromethane	87	82	52 - 144	6	30		
Bromochloromethane	104	106	74 - 125	1	30		
Bromodichloromethane	108	107	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	107	70 - 130
Toluene-d8 (Surr)	97	109	70 - 130
Bromofluorobenzene	98	111	70 - 130

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-123838

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123838/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-123838/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/13/2012 1846			Analysis Date:	08/13/2012 1911
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	18.2	17.6
Bromomethane	20.0	20.0	22.2	18.4
Vinyl chloride	20.0	20.0	19.7	18.9
Chloroethane	20.0	20.0	25.8	22.8
Methylene Chloride	20.0	20.0	24.2	23.1
Acetone	20.0	20.0	24.5	22.7
Carbon disulfide	20.0	20.0	22.8	21.4
Trichlorofluoromethane	20.0	20.0	20.5	18.9
1,1-Dichloroethene	20.0	20.0	19.6	18.7
1,1-Dichloroethane	20.0	20.0	21.7	21.2
trans-1,2-Dichloroethene	20.0	20.0	20.9	20.1
cis-1,2-Dichloroethene	20.0	20.0	22.4	21.4
Chloroform	20.0	20.0	21.6	21.5
2-Butanone	20.0	20.0	17.5	21.3
1,2-Dichloroethane	20.0	20.0	20.4	20.3
1,1,1-Trichloroethane	20.0	20.0	21.0	20.0
Carbon tetrachloride	20.0	20.0	19.9	19.6
Benzene	20.0	20.0	21.7	21.3
Bromoform	20.0	20.0	18.0	18.3
Styrene	20.0	20.0	21.7	21.0
m&p-Xylene	40.0	40.0	42.4	41.1
o-Xylene	20.0	20.0	20.7	20.4
Ethylbenzene	20.0	20.0	20.7	20.2
Chlorobenzene	20.0	20.0	20.4	19.9
Cyclohexane	20.0	20.0	21.7	20.4
Isopropylbenzene	20.0	20.0	20.8	19.6
2-Hexanone	20.0	20.0	19.5	19.8
MTBE	20.0	20.0	21.2	20.4
Freon TF	20.0	20.0	21.2	19.7
Methyl acetate	20.0	20.0	21.8	20.3
1,4-Dioxane	150	150	162	172
Trichloroethene	20.0	20.0	20.6	19.9
Toluene	20.0	20.0	20.3	19.8
trans-1,3-Dichloropropene	20.0	20.0	17.6	17.9
4-Methyl-2-pentanone	20.0	20.0	20.7	21.2
cis-1,3-Dichloropropene	20.0	20.0	22.3	21.8
1,2-Dichlorobenzene	20.0	20.0	20.0	20.3
1,3-Dichlorobenzene	20.0	20.0	20.3	20.2
1,4-Dichlorobenzene	20.0	20.0	20.1	20.2

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-123838

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-123838/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-123838/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/13/2012 1846			Analysis Date:	08/13/2012 1911
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	20.7	20.9
1,2,3-Trichlorobenzene	20.0	20.0	20.5	20.9
1,2-Dichloropropane	20.0	20.0	22.1	21.0
Methylcyclohexane	20.0	20.0	21.6	20.3
Tetrachloroethene	20.0	20.0	19.2	18.5
1,2-Dibromo-3-Chloropropane	20.0	20.0	22.7	23.0
1,1,2,2-Tetrachloroethane	20.0	20.0	20.4	21.5
1,1,2-Trichloroethane	20.0	20.0	21.0	20.9
Dibromochloromethane	20.0	20.0	19.9	20.7
1,2-Dibromoethane	20.0	20.0	20.3	20.4
Dichlorodifluoromethane	20.0	20.0	17.4	16.4
Bromochloromethane	20.0	20.0	20.8	21.1
Bromodichloromethane	20.0	20.0	21.7	21.4

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122162

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-122162/1-A	Analysis Batch:	460-122318	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-122162	Lab File ID:	x28841.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/02/2012 0342	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	08/01/2012 1433			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	0.81	U	0.81	10
2-Chlorophenol	2.2	U	2.2	10
2-Methylphenol	1.8	U	1.8	10
4-Methylphenol	1.6	U	1.6	10
Benzaldehyde	2.0	U	2.0	10
Acetophenone	2.7	U	2.7	10
Bis(2-chloroethyl)ether	0.28	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	2.0	U	2.0	10
N-Nitrosodi-n-propylamine	0.25	U	0.25	1.0
Nitrobenzene	0.30	U	0.30	1.0
Hexachloroethane	0.25	U	0.25	1.0
Isophorone	2.7	U	2.7	10
2-Nitrophenol	2.4	U	2.4	10
2,4-Dimethylphenol	3.4	U	3.4	10
2,4-Dichlorophenol	2.6	U	2.6	10
Bis(2-chloroethoxy)methane	2.6	U	2.6	10
Naphthalene	2.7	U	2.7	10
4-Chloroaniline	2.0	U	2.0	10
Hexachlorobutadiene	0.57	U	0.57	2.0
Caprolactam	2.5	U	2.5	10
4-Chloro-3-methylphenol	2.5	U	2.5	10
2-Methylnaphthalene	3.0	U	3.0	10
Hexachlorobenzene	0.29	U	0.29	1.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
2,4,6-Trichlorophenol	2.4	U	2.4	10
2,4,5-Trichlorophenol	2.6	U	2.6	10
Diphenyl	2.8	U	2.8	10
2-Chloronaphthalene	2.7	U	2.7	10
2-Nitroaniline	4.9	U	4.9	20
2,6-Dinitrotoluene	0.61	U	0.61	2.0
Dimethyl phthalate	2.8	U	2.8	10
Acenaphthylene	2.7	U	2.7	10
3-Nitroaniline	5.0	U	5.0	20
Acenaphthene	2.7	U	2.7	10
4-Nitrophenol	6.7	U	6.7	30
2,4-Dinitrophenol	5.4	U	5.4	30
Dibenzofuran	2.8	U	2.8	10
Diethyl phthalate	2.9	U	2.9	10
Fluorene	2.8	U	2.8	10
Fluoranthene	3.2	U	3.2	10
Di-n-butyl phthalate	2.9	U	2.9	10
2,4-Dinitrotoluene	0.47	U	0.47	2.0
4-Chlorophenyl phenyl ether	2.5	U	2.5	10
4-Nitroaniline	5.8	U	5.8	20
4,6-Dinitro-2-methylphenol	4.7	U	4.7	30

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122162

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-122162/1-A	Analysis Batch:	460-122318	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-122162	Lab File ID:	x28841.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/02/2012 0342	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	08/01/2012 1433			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	2.5	U	2.5	10
Atrazine	3.0	U	3.0	10
Anthracene	2.8	U	2.8	10
Carbazole	3.2	U	3.2	10
Phenanthrene	3.1	U	3.1	10
Pentachlorophenol	5.3	U	5.3	30
Pyrene	2.9	U	2.9	10
Chrysene	3.1	U	3.1	10
Benzo[k]fluoranthene	0.26	U	0.26	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[b]fluoranthene	0.26	U	0.26	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.27	U	0.27	1.0
N-Nitrosodiphenylamine	2.9	U	2.9	10
Butyl benzyl phthalate	2.5	U	2.5	10
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
3,3'-Dichlorobenzidine	4.9	U	4.9	20
1,2,4,5-Tetrachlorobenzene	2.6	U	2.6	10
2,3,4,6-Tetrachlorophenol	2.5	U	2.5	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	90	56 - 112
Phenol-d5	30	10 - 48
Terphenyl-d14	80	50 - 122
2,4,6-Tribromophenol	77	46 - 122
2-Fluorophenol	45	10 - 65
2-Fluorobiphenyl	84	53 - 108

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-122162

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-122162/2-A	Analysis Batch:	460-122318	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-122162	Lab File ID:	x28839.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/02/2012 0253	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	08/01/2012 1433			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-122162/3-A	Analysis Batch:	460-122318	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-122162	Lab File ID:	x28840.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/02/2012 0318	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	08/01/2012 1433			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	33	32	12 - 44	4	30		
2-Chlorophenol	86	80	53 - 101	7	30		
2-Methylphenol	72	68	40 - 90	5	30		
4-Methylphenol	68	63	30 - 75	8	30		
Benzaldehyde	150	141	52 - 150	6	30		
Acetophenone	93	88	68 - 109	6	30		
Bis(2-chloroethyl)ether	98	92	62 - 108	6	30		
2,2'-oxybis[1-chloropropane]	91	82	68 - 107	10	30		
N-Nitrosodi-n-propylamine	94	88	70 - 109	7	30		
Nitrobenzene	88	82	66 - 106	7	30		
Hexachloroethane	88	81	50 - 99	9	30		
Isophorone	89	83	68 - 108	7	30		
2-Nitrophenol	90	83	65 - 107	8	30		
2,4-Dimethylphenol	86	80	55 - 100	7	30		
2,4-Dichlorophenol	93	87	64 - 107	7	30		
Bis(2-chloroethoxy)methane	91	85	69 - 108	7	30		
Naphthalene	88	82	63 - 101	7	30		
4-Chloroaniline	87	80	58 - 105	8	30		
Hexachlorobutadiene	85	78	52 - 99	8	30		
Caprolactam	18	18	10 - 30	1	30		
4-Chloro-3-methylphenol	86	82	57 - 106	5	30		
2-Methylnaphthalene	86	80	66 - 102	7	30		
Hexachlorobenzene	89	83	65 - 107	7	30		
Hexachlorocyclopentadiene	79	76	40 - 105	4	30		
2,4,6-Trichlorophenol	91	85	67 - 111	6	30		
2,4,5-Trichlorophenol	91	87	67 - 114	5	30		
Diphenyl	91	85	66 - 112	7	30		
2-Chloronaphthalene	87	82	65 - 107	6	30		
2-Nitroaniline	95	93	73 - 116	3	30		
2,6-Dinitrotoluene	89	86	68 - 114	4	30		
Dimethyl phthalate	91	86	69 - 111	5	30		
Acenaphthylene	87	83	67 - 107	5	30		
3-Nitroaniline	89	85	59 - 108	6	30		
Acenaphthene	91	86	66 - 108	6	30		
4-Nitrophenol	24	24	10 - 44	1	30	J	J
2,4-Dinitrophenol	67	65	19 - 113	3	30		

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-122162

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-122162/2-A	Analysis Batch:	460-122318	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-122162	Lab File ID:	x28839.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/02/2012 0253	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	08/01/2012 1433			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-122162/3-A	Analysis Batch:	460-122318	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-122162	Lab File ID:	x28840.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/02/2012 0318	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	08/01/2012 1433			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenzofuran	87	82	68 - 105	7	30		
Diethyl phthalate	90	84	66 - 109	7	30		
Fluorene	89	85	68 - 105	5	30		
Fluoranthene	87	83	68 - 108	5	30		
Di-n-butyl phthalate	90	86	68 - 111	4	30		
2,4-Dinitrotoluene	87	82	65 - 113	5	30		
4-Chlorophenyl phenyl ether	87	82	68 - 105	5	30		
4-Nitroaniline	86	79	49 - 119	8	30		
4,6-Dinitro-2-methylphenol	87	85	58 - 115	2	30		
4-Bromophenyl phenyl ether	91	85	66 - 110	7	30		
Atrazine	85	81	56 - 116	5	30		
Anthracene	89	84	68 - 108	5	30		
Carbazole	90	85	67 - 110	5	30		
Phenanthrene	90	85	68 - 110	5	30		
Pentachlorophenol	84	79	55 - 116	6	30		
Pyrene	92	87	61 - 110	5	30		
Chrysene	91	87	68 - 112	4	30		
Benzo[k]fluoranthene	94	89	66 - 114	5	30		
Benzo[g,h,i]perylene	103	95	65 - 134	8	30		
Benzo[b]fluoranthene	80	79	65 - 111	2	30		
Benzo[a]pyrene	91	87	58 - 101	5	30		
Benzo[a]anthracene	86	82	65 - 106	5	30		
N-Nitrosodiphenylamine	96	92	71 - 121	5	30		
Butyl benzyl phthalate	97	91	66 - 115	6	30		
Bis(2-ethylhexyl) phthalate	95	90	66 - 114	6	30		
Di-n-octyl phthalate	88	86	51 - 115	3	30		
Indeno[1,2,3-cd]pyrene	88	84	68 - 121	5	30		
Dibenz(a,h)anthracene	98	93	67 - 124	6	30		
3,3'-Dichlorobenzidine	110	95	69 - 129	14	30		
1,2,4,5-Tetrachlorobenzene	81	75	70 - 130	7	30		
2,3,4,6-Tetrachlorophenol	85	79	70 - 130	6	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	90	83	56 - 112
Phenol-d5	28	28	10 - 48
Terphenyl-d14	86	83	50 - 122

Client: URS Corporation

Job Number: 460-42971-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	83	80	46 - 122
2-Fluorophenol	45	43	10 - 65
2-Fluorobiphenyl	86	82	53 - 108

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-122162

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-122162/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-122162/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/02/2012 0253			Analysis Date:	08/02/2012 0318
Prep Date:	08/01/2012 1433			Prep Date:	08/01/2012 1433
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Phenol	100	100	32.8		31.5	
2-Chlorophenol	100	100	85.8		79.9	
2-Methylphenol	100	100	71.9		68.2	
4-Methylphenol	100	100	67.8		62.7	
Benzaldehyde	100	100	150		141	
Acetophenone	100	100	92.8		87.6	
Bis(2-chloroethyl)ether	100	100	98.4		92.2	
2,2'-oxybis[1-chloropropane]	100	100	90.6		82.1	
N-Nitrosodi-n-propylamine	100	100	94.1		88.0	
Nitrobenzene	100	100	88.4		82.2	
Hexachloroethane	100	100	88.2		80.6	
Isophorone	100	100	89.1		83.4	
2-Nitrophenol	100	100	89.6		83.0	
2,4-Dimethylphenol	100	100	86.5		80.2	
2,4-Dichlorophenol	100	100	92.8		86.6	
Bis(2-chloroethoxy)methane	100	100	90.8		84.9	
Naphthalene	100	100	88.1		82.4	
4-Chloroaniline	100	100	87.2		80.5	
Hexachlorobutadiene	100	100	85.1		78.4	
Caprolactam	100	100	18.5		18.4	
4-Chloro-3-methylphenol	100	100	86.3		82.1	
2-Methylnaphthalene	100	100	85.6		79.6	
Hexachlorobenzene	100	100	88.6		82.5	
Hexachlorocyclopentadiene	100	100	78.9		75.5	
2,4,6-Trichlorophenol	100	100	90.8		85.2	
2,4,5-Trichlorophenol	100	100	91.5		87.1	
Diphenyl	100	100	90.6		84.7	
2-Chloronaphthalene	100	100	86.5		81.6	
2-Nitroaniline	100	100	95.4		92.7	
2,6-Dinitrotoluene	100	100	88.8		85.7	
Dimethyl phthalate	100	100	90.8		86.3	
Acenaphthylene	100	100	87.0		82.5	
3-Nitroaniline	100	100	89.3		84.5	
Acenaphthene	100	100	91.1		85.8	
4-Nitrophenol	100	100	24.1	J	24.4	J
2,4-Dinitrophenol	100	100	66.8		64.6	
Dibenzofuran	100	100	87.3		81.7	
Diethyl phthalate	100	100	89.8		83.6	
Fluorene	100	100	89.1		85.0	

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-122162

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-122162/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-122162/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/02/2012 0253			Analysis Date:	08/02/2012 0318
Prep Date:	08/01/2012 1433			Prep Date:	08/01/2012 1433
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Fluoranthene	100	100	86.9	82.8
Di-n-butyl phthalate	100	100	90.1	86.3
2,4-Dinitrotoluene	100	100	86.6	82.0
4-Chlorophenyl phenyl ether	100	100	86.5	81.9
4-Nitroaniline	100	100	86.0	79.1
4,6-Dinitro-2-methylphenol	100	100	87.2	85.4
4-Bromophenyl phenyl ether	100	100	90.7	84.9
Atrazine	100	100	84.6	80.8
Anthracene	100	100	88.5	84.0
Carbazole	100	100	90.1	85.3
Phenanthrene	100	100	90.1	85.3
Pentachlorophenol	100	100	84.4	79.5
Pyrene	100	100	92.3	87.4
Chrysene	100	100	91.1	87.4
Benzo[k]fluoranthene	100	100	93.8	89.1
Benzo[g,h,i]perylene	100	100	103	94.6
Benzo[b]fluoranthene	100	100	80.5	79.1
Benzo[a]pyrene	100	100	91.0	86.6
Benzo[a]anthracene	100	100	85.9	82.0
N-Nitrosodiphenylamine	100	100	96.4	91.8
Butyl benzyl phthalate	100	100	96.7	91.2
Bis(2-ethylhexyl) phthalate	100	100	94.7	89.6
Di-n-octyl phthalate	100	100	88.2	85.5
Indeno[1,2,3-cd]pyrene	100	100	87.9	83.7
Dibenz(a,h)anthracene	100	100	98.2	92.8
3,3'-Dichlorobenzidine	100	100	110	95.1
1,2,4,5-Tetrachlorobenzene	100	100	80.7	75.3
2,3,4,6-Tetrachlorophenol	100	100	84.8	79.4

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122303

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-122303/1-A	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28887.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	08/03/2012 0358	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	43	U	43	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	42	U	42	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122303

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-122303/1-A	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28887.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	08/03/2012 0358	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	24	U	24	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.1	U	6.1	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	44	U	44	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	86	38 - 105
Phenol-d5	88	41 - 118
Terphenyl-d14	85	16 - 151
2,4,6-Tribromophenol	67	10 - 120
2-Fluorophenol	78	37 - 125
2-Fluorobiphenyl	83	40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122303

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-122303/2-A	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28886.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 0334	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6670	4340	65	54 - 115	
2-Chlorophenol	6670	4530	68	56 - 110	
2-Methylphenol	6670	4710	71	54 - 117	
4-Methylphenol	6670	4740	71	47 - 103	
Benzaldehyde	3330	1420	43	10 - 160	
Acetophenone	3330	2380	72	40 - 95	
Bis(2-chloroethyl)ether	3330	2680	81	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2310	69	45 - 102	
N-Nitrosodi-n-propylamine	3330	2410	72	42 - 107	
Nitrobenzene	3330	2390	72	42 - 106	
Hexachloroethane	3330	2260	68	45 - 90	
Isophorone	3330	1980	59	48 - 97	
2-Nitrophenol	6670	4600	69	55 - 101	
2,4-Dimethylphenol	6670	4740	71	56 - 112	
2,4-Dichlorophenol	6670	4670	70	58 - 115	
Bis(2-chloroethoxy)methane	3330	2500	75	51 - 100	
Naphthalene	3330	2380	72	53 - 94	
4-Chloroaniline	3330	1900	57	10 - 96	
Hexachlorobutadiene	3330	2340	70	45 - 98	
Caprolactam	3330	1600	48	10 - 127	
4-Chloro-3-methylphenol	6670	5040	76	55 - 117	
2-Methylnaphthalene	3330	2420	73	51 - 98	
Hexachlorobenzene	3330	2530	76	43 - 104	
Hexachlorocyclopentadiene	3330	2250	67	24 - 98	
2,4,6-Trichlorophenol	6670	4870	73	53 - 118	
2,4,5-Trichlorophenol	6670	4520	68	50 - 115	
Diphenyl	3330	2470	74	50 - 105	
2-Chloronaphthalene	3330	2350	71	51 - 102	
2-Nitroaniline	3330	2520	76	51 - 109	
2,6-Dinitrotoluene	3330	2510	75	51 - 115	
Dimethyl phthalate	3330	2510	75	52 - 112	
Acenaphthylene	3330	2380	71	51 - 103	
3-Nitroaniline	3330	2060	62	32 - 104	
Acenaphthene	3330	2520	76	46 - 100	
4-Nitrophenol	6670	5500	83	45 - 114	
2,4-Dinitrophenol	6670	1940	29	10 - 129	
Dibenzofuran	3330	2440	73	52 - 106	
Diethyl phthalate	3330	2560	77	52 - 114	
Fluorene	3330	2490	75	51 - 108	
Fluoranthene	3330	2530	76	49 - 108	
Di-n-butyl phthalate	3330	2620	79	50 - 108	
2,4-Dinitrotoluene	3330	2560	77	53 - 110	
4-Chlorophenyl phenyl ether	3330	2440	73	50 - 106	
4-Nitroaniline	3330	2130	64	45 - 106	
4,6-Dinitro-2-methylphenol	6670	3090	46	10 - 110	
4-Bromophenyl phenyl ether	3330	2580	77	44 - 102	

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122303

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-122303/2-A	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28886.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 0334	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1750	52	30 - 100	
Anthracene	3330	2520	75	50 - 107	
Carbazole	3330	2590	78	49 - 104	
Phenanthrene	3330	2550	77	48 - 108	
Pentachlorophenol	6670	4970	75	19 - 113	
Pyrene	3330	2550	76	49 - 116	
Chrysene	3330	2540	76	45 - 114	
Benzo[k]fluoranthene	3330	2470	74	35 - 115	
Benzo[g,h,i]perylene	3330	2890	87	43 - 106	
Benzo[b]fluoranthene	3330	2330	70	33 - 96	
Benzo[a]pyrene	3330	2560	77	36 - 89	
Benzo[a]anthracene	3330	2490	75	46 - 112	
N-Nitrosodiphenylamine	3330	2790	84	49 - 106	
Butyl benzyl phthalate	3330	2600	78	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2570	77	49 - 119	
Di-n-octyl phthalate	3330	2320	70	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2670	80	43 - 109	
Dibenz(a,h)anthracene	3330	2910	87	43 - 107	
3,3'-Dichlorobenzidine	3330	2450	73	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2220	67	70 - 130	*
2,3,4,6-Tetrachlorophenol	3330	2420	73	70 - 130	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	69	38 - 105
Phenol-d5	66	41 - 118
Terphenyl-d14	69	16 - 151
2,4,6-Tribromophenol	65	10 - 120
2-Fluorophenol	62	37 - 125
2-Fluorobiphenyl	67	40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122303

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-43010-F-2-C MS	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28903.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	08/03/2012 1038			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-43010-F-2-D MSD	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28904.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 1103			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	66	70	54 - 115	5	30		
2-Chlorophenol	66	68	56 - 110	3	30		
2-Methylphenol	72	75	54 - 117	4	30		
4-Methylphenol	74	76	47 - 103	3	30		
Benzaldehyde	55	57	10 - 160	4	30		
Acetophenone	69	72	40 - 95	4	30		
Bis(2-chloroethyl)ether	71	74	44 - 101	5	30		
2,2'-oxybis[1-chloropropane]	64	66	45 - 102	3	30		
N-Nitrosodi-n-propylamine	82	86	42 - 107	5	30		
Nitrobenzene	66	67	42 - 106	2	30		
Hexachloroethane	44	46	45 - 90	5	30	F	
Isophorone	75	77	48 - 97	3	30		
2-Nitrophenol	56	59	55 - 101	4	30		
2,4-Dimethylphenol	74	77	56 - 112	3	30		
2,4-Dichlorophenol	69	71	58 - 115	4	30		
Bis(2-chloroethoxy)methane	75	78	51 - 100	4	30		
Naphthalene	63	65	53 - 94	3	30		
4-Chloroaniline	52	53	10 - 96	2	30		
Hexachlorobutadiene	55	56	45 - 98	2	30		
Caprolactam	79	80	10 - 127	1	30		
4-Chloro-3-methylphenol	78	78	55 - 117	1	30		
2-Methylnaphthalene	67	69	51 - 98	3	30		
Hexachlorobenzene	88	94	43 - 104	7	30		
Hexachlorocyclopentadiene	26	25	24 - 98	3	30		
2,4,6-Trichlorophenol	70	71	53 - 118	3	30		
2,4,5-Trichlorophenol	69	71	50 - 115	3	30		
Diphenyl	81	83	50 - 105	2	30		
2-Chloronaphthalene	75	77	51 - 102	2	30		
2-Nitroaniline	87	86	51 - 109	1	30		
2,6-Dinitrotoluene	86	88	51 - 115	3	30		
Dimethyl phthalate	95	96	52 - 112	2	30		
Acenaphthylene	78	80	51 - 103	2	30		
3-Nitroaniline	73	75	32 - 104	3	30		

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122303

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-43010-F-2-C MS	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28903.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	08/03/2012 1038			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-43010-F-2-D MSD	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28904.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 1103			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	83	85	46 - 100	3	30		
4-Nitrophenol	81	82	45 - 114	1	30		
2,4-Dinitrophenol	15	15	10 - 129	1	30		
Dibenzofuran	80	82	52 - 106	2	30		
Diethyl phthalate	95	97	52 - 114	2	30		
Fluorene	83	85	51 - 108	3	30		
Fluoranthene	80	85	49 - 108	6	30		
Di-n-butyl phthalate	99	106	50 - 108	6	30		
2,4-Dinitrotoluene	89	90	53 - 110	2	30		
4-Chlorophenyl phenyl ether	83	85	50 - 106	3	30		
4-Nitroaniline	80	72	45 - 106	9	30		
4,6-Dinitro-2-methylphenol	28	31	10 - 110	9	30		
4-Bromophenyl phenyl ether	90	95	44 - 102	6	30		
Atrazine	64	67	30 - 100	6	30		
Anthracene	83	89	50 - 107	7	30		
Carbazole	86	89	49 - 104	4	30		
Phenanthrene	85	92	48 - 108	7	30		
Pentachlorophenol	34	35	19 - 113	2	30		
Pyrene	80	82	49 - 116	2	30		
Chrysene	87	90	45 - 114	3	30		
Benzo[k]fluoranthene	76	79	35 - 115	4	30		
Benzo[g,h,i]perylene	129	132	43 - 106	3	30	F	F
Benzo[b]fluoranthene	77	78	33 - 96	2	30		
Benzo[a]pyrene	88	87	36 - 89	1	30		
Benzo[a]anthracene	84	87	46 - 112	3	30		
N-Nitrosodiphenylamine	98	103	49 - 106	5	30		
Butyl benzyl phthalate	97	99	49 - 117	3	30		
Bis(2-ethylhexyl) phthalate	101	101	49 - 119	1	30		
Di-n-octyl phthalate	72	72	40 - 106	0	30		
Indeno[1,2,3-cd]pyrene	121	119	43 - 109	2	30	F	F
Dibenz(a,h)anthracene	122	126	43 - 107	3	30	F	F
3,3'-Dichlorobenzidine	73	80	24 - 105	8	30		
1,2,4,5-Tetrachlorobenzene	67	69	70 - 130	4	30	F	F

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122303

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-43010-F-2-C MS	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28903.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	08/03/2012 1038			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-43010-F-2-D MSD	Analysis Batch:	460-122476	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-122303	Lab File ID:	x28904.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/03/2012 1103			Final Weight/Volume:	1 mL
Prep Date:	08/02/2012 1250			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	51	52	70 - 130	2	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	68	70	38 - 105
Phenol-d5	70	74	41 - 118
Terphenyl-d14	79	81	16 - 151
2,4,6-Tribromophenol	58	59	10 - 120
2-Fluorophenol	63	65	37 - 125
2-Fluorobiphenyl	76	78	40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122303

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-43010-F-2-C MS	Units:	ug/Kg	MSD Lab Sample ID:	460-43010-F-2-D MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/03/2012 1038			Analysis Date:	08/03/2012 1103
Prep Date:	08/02/2012 1250			Prep Date:	08/02/2012 1250
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Phenol	59	U	8830	8840	5870		6180
2-Chlorophenol	58	U	8830	8840	5790		6000
2-Methylphenol	75	U	8830	8840	6360		6590
4-Methylphenol	86	U	8830	8840	6560		6730
Benzaldehyde	52	U	4420	4420	2420		2530
Acetophenone	67	U	4420	4420	3040		3170
Bis(2-chloroethyl)ether	6.0	U	4420	4420	3130		3270
2,2'-oxybis[1-chloropropane]	49	U	4420	4420	2810		2910
N-Nitrosodi-n-propylamine	7.3	U	4420	4420	3630		3810
Nitrobenzene	6.2	U	4420	4420	2920		2970
Hexachloroethane	4.9	U	4420	4420	1940	F	2040
Isophorone	53	U	4420	4420	3320		3420
2-Nitrophenol	49	U	8830	8840	4990		5170
2,4-Dimethylphenol	110	U	8830	8840	6580		6800
2,4-Dichlorophenol	64	U	8830	8840	6050		6300
Bis(2-chloroethoxy)methane	57	U	4420	4420	3320		3440
Naphthalene	51	U	4420	4420	2760		2860
4-Chloroaniline	120	U	4420	4420	2310		2350
Hexachlorobutadiene	11	U	4420	4420	2440		2490
Caprolactam	100	U	4420	4420	3510		3540
4-Chloro-3-methylphenol	66	U	8830	8840	6880		6940
2-Methylnaphthalene	56	U	4420	4420	2950		3040
Hexachlorobenzene	6.0	U	4420	4420	3890		4180
Hexachlorocyclopentadiene	52	U	4420	4420	1130		1100
2,4,6-Trichlorophenol	51	U	8830	8840	6150		6310
2,4,5-Trichlorophenol	57	U	8830	8840	6130		6300
Diphenyl	59	U	4420	4420	3590		3680
2-Chloronaphthalene	49	U	4420	4420	3320		3400
2-Nitroaniline	180	U	4420	4420	3830		3810
2,6-Dinitrotoluene	13	U	4420	4420	3800		3900
Dimethyl phthalate	52	U	4420	4420	4180		4260
Acenaphthylene	52	U	4420	4420	3450		3530
3-Nitroaniline	160	U	4420	4420	3220		3330
Acenaphthene	64	U	4420	4420	3660		3770
4-Nitrophenol	280	U	8830	8840	7130		7240
2,4-Dinitrophenol	250	U	8830	8840	1360		1360
Dibenzofuran	52	U	4420	4420	3520		3610
Diethyl phthalate	52	U	4420	4420	4200		4300
Fluorene	56	U	4420	4420	3670		3770
Fluoranthene	450		4420	4420	4000		4230
Di-n-butyl phthalate	54	U	4420	4420	4390		4680
2,4-Dinitrotoluene	14	U	4420	4420	3940		4000
4-Chlorophenyl phenyl ether	52	U	4420	4420	3680		3770

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122303

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-43010-F-2-C MS	Units:	ug/Kg	MSD Lab Sample ID:	460-43010-F-2-D MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/03/2012 1038			Analysis Date:	08/03/2012 1103
Prep Date:	08/02/2012 1250			Prep Date:	08/02/2012 1250
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	140	U	4420	4420	3520		3200	
4,6-Dinitro-2-methylphenol	120	U	8830	8840	2500		2730	
4-Bromophenyl phenyl ether	44	U	4420	4420	3960		4190	
Atrazine	68	U	4420	4420	2810		2980	
Anthracene	55	J	4420	4420	3710		3980	
Carbazole	52	U	4420	4420	3810		3950	
Phenanthrene	250	J	4420	4420	4020		4310	
Pentachlorophenol	130	U	8830	8840	3000		3070	
Pyrene	380	J	4420	4420	3930		4010	
Chrysene	240	J	4420	4420	4070		4210	
Benzo[k]fluoranthene	99		4420	4420	3430		3570	
Benzo[g,h,i]perylene	190	J	4420	4420	5880	F	6040	F
Benzo[b]fluoranthene	260		4420	4420	3640		3700	
Benzo[a]pyrene	230		4420	4420	4100		4070	
Benzo[a]anthracene	200		4420	4420	3930		4060	
N-Nitrosodiphenylamine	43	U	4420	4420	4330		4550	
Butyl benzyl phthalate	40	U	4420	4420	4270		4390	
Bis(2-ethylhexyl) phthalate	150	U	4420	4420	4440		4470	
Di-n-octyl phthalate	28	U	4420	4420	3180		3170	
Indeno[1,2,3-cd]pyrene	220		4420	4420	5580	F	5460	F
Dibenz(a,h)anthracene	49		4420	4420	5450	F	5600	F
3,3'-Dichlorobenzidine	150	U	4420	4420	3240		3520	
1,2,4,5-Tetrachlorobenzene	59	U	4420	4420	2960	F	3070	F
2,3,4,6-Tetrachlorophenol	57	U	4420	4420	2240	F	2290	F

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122438

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-122438/1-A	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79122.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 1425	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122438

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-122438/1-A	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79122.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 1425	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	72	38 - 105
Phenol-d5	78	41 - 118
Terphenyl-d14	63	16 - 151
2,4,6-Tribromophenol	73	10 - 120
2-Fluorophenol	74	37 - 125
2-Fluorobiphenyl	66	40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122438

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-122438/2-A	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79123.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 1446	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6670	5050	76	54 - 115	
2-Chlorophenol	6670	5320	80	56 - 110	
2-Methylphenol	6670	5060	76	54 - 117	
4-Methylphenol	6670	5130	77	47 - 103	
Benzaldehyde	3330	1200	36	10 - 160	
Acetophenone	3330	2630	79	40 - 95	
Bis(2-chloroethyl)ether	3330	2470	74	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2520	76	45 - 102	
N-Nitrosodi-n-propylamine	3330	2130	64	42 - 107	
Nitrobenzene	3330	2610	78	42 - 106	
Hexachloroethane	3330	2450	74	45 - 90	
Isophorone	3330	2430	73	48 - 97	
2-Nitrophenol	6670	5220	78	55 - 101	
2,4-Dimethylphenol	6670	5340	80	56 - 112	
2,4-Dichlorophenol	6670	5280	79	58 - 115	
Bis(2-chloroethoxy)methane	3330	2710	81	51 - 100	
Naphthalene	3330	2610	78	53 - 94	
4-Chloroaniline	3330	2100	63	10 - 96	
Hexachlorobutadiene	3330	2510	75	45 - 98	
Caprolactam	3330	2030	61	10 - 127	
4-Chloro-3-methylphenol	6670	5630	84	55 - 117	
2-Methylnaphthalene	3330	2670	80	51 - 98	
Hexachlorobenzene	3330	2740	82	43 - 104	
Hexachlorocyclopentadiene	3330	1880	56	24 - 98	
2,4,6-Trichlorophenol	6670	5240	79	53 - 118	
2,4,5-Trichlorophenol	6670	5130	77	50 - 115	
Diphenyl	3330	2590	78	50 - 105	
2-Chloronaphthalene	3330	2630	79	51 - 102	
2-Nitroaniline	3330	3010	90	51 - 109	
2,6-Dinitrotoluene	3330	2950	88	51 - 115	
Dimethyl phthalate	3330	2870	86	52 - 112	
Acenaphthylene	3330	2650	79	51 - 103	
3-Nitroaniline	3330	2270	68	32 - 104	
Acenaphthene	3330	3030	91	46 - 100	
4-Nitrophenol	6670	6340	95	45 - 114	
2,4-Dinitrophenol	6670	1800	27	10 - 129	
Dibenzofuran	3330	2650	79	52 - 106	
Diethyl phthalate	3330	2920	88	52 - 114	
Fluorene	3330	2770	83	51 - 108	
Fluoranthene	3330	2690	81	49 - 108	
Di-n-butyl phthalate	3330	2810	84	50 - 108	
2,4-Dinitrotoluene	3330	2980	89	53 - 110	
4-Chlorophenyl phenyl ether	3330	2810	84	50 - 106	
4-Nitroaniline	3330	2970	89	45 - 106	
4,6-Dinitro-2-methylphenol	6670	2940	44	10 - 110	
4-Bromophenyl phenyl ether	3330	2820	85	44 - 102	

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122438

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-122438/2-A	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79123.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 1446	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1890	57	30 - 100	
Anthracene	3330	2510	75	50 - 107	
Carbazole	3330	2750	82	49 - 104	
Phenanthrene	3330	2650	79	48 - 108	
Pentachlorophenol	6670	4900	73	19 - 113	
Pyrene	3330	2650	79	49 - 116	
Chrysene	3330	2480	74	45 - 114	
Benzo[k]fluoranthene	3330	3000	90	35 - 115	
Benzo[g,h,i]perylene	3330	2510	75	43 - 106	
Benzo[b]fluoranthene	3330	3160	95	33 - 96	
Benzo[a]pyrene	3330	2970	89	36 - 89	
Benzo[a]anthracene	3330	2630	79	46 - 112	
N-Nitrosodiphenylamine	3330	2810	84	49 - 106	
Butyl benzyl phthalate	3330	2710	81	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2550	76	49 - 119	
Di-n-octyl phthalate	3330	3130	94	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2560	77	43 - 109	
Dibenz(a,h)anthracene	3330	2730	82	43 - 107	
3,3'-Dichlorobenzidine	3330	2220	67	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2480	74	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2870	86	70 - 130	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	66	38 - 105
Phenol-d5	64	41 - 118
Terphenyl-d14	65	16 - 151
2,4,6-Tribromophenol	71	10 - 120
2-Fluorophenol	67	37 - 125
2-Fluorobiphenyl	64	40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122438

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79144.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	08/06/2012 2148			Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-42971-3	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79145.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	08/06/2012 2208			Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	76	73	54 - 115	4	30		
2-Chlorophenol	77	74	56 - 110	4	30		
2-Methylphenol	74	72	54 - 117	2	30		
4-Methylphenol	74	74	47 - 103	0	30		
Benzaldehyde	83	88	10 - 160	5	30		
Acetophenone	82	81	40 - 95	1	30		
Bis(2-chloroethyl)ether	80	80	44 - 101	1	30		
2,2'-oxybis[1-chloropropane]	77	76	45 - 102	2	30		
N-Nitrosodi-n-propylamine	80	83	42 - 107	4	30		
Nitrobenzene	85	84	42 - 106	1	30		
Hexachloroethane	64	60	45 - 90	7	30		
Isophorone	76	75	48 - 97	0	30		
2-Nitrophenol	68	66	55 - 101	4	30		
2,4-Dimethylphenol	80	77	56 - 112	3	30		
2,4-Dichlorophenol	71	72	58 - 115	1	30		
Bis(2-chloroethoxy)methane	84	84	51 - 100	0	30		
Naphthalene	78	78	53 - 94	0	30		
4-Chloroaniline	25	26	10 - 96	3	30		
Hexachlorobutadiene	80	85	45 - 98	5	30		
Caprolactam	3	3	10 - 127	2	30	J F	J F
4-Chloro-3-methylphenol	70	69	55 - 117	2	30		
2-Methylnaphthalene	73	75	51 - 98	3	30		
Hexachlorobenzene	92	91	43 - 104	1	30		
Hexachlorocyclopentadiene	2	2	24 - 98	4	30	J F	J F
2,4,6-Trichlorophenol	81	82	53 - 118	2	30		
2,4,5-Trichlorophenol	75	82	50 - 115	10	30		
Diphenyl	91	100	50 - 105	9	30		
2-Chloronaphthalene	90	93	51 - 102	3	30		
2-Nitroaniline	78	86	51 - 109	10	30		
2,6-Dinitrotoluene	81	89	51 - 115	10	30		
Dimethyl phthalate	89	97	52 - 112	9	30		
Acenaphthylene	80	88	51 - 103	9	30		
3-Nitroaniline	50	51	32 - 104	2	30		

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122438

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79144.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	08/06/2012 2148			Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-42971-3	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79145.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	08/06/2012 2208			Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	93	101	46 - 100	8	30		F
4-Nitrophenol	76	80	45 - 114	5	30		
2,4-Dinitrophenol	4	0	10 - 129	NC	30	J F	U F
Dibenzofuran	84	89	52 - 106	6	30		
Diethyl phthalate	86	94	52 - 114	9	30		
Fluorene	88	87	51 - 108	1	30		
Fluoranthene	87	148	49 - 108	25	30		E F
Di-n-butyl phthalate	91	93	50 - 108	1	30		
2,4-Dinitrotoluene	76	80	53 - 110	4	30		
4-Chlorophenyl phenyl ether	94	89	50 - 106	6	30		
4-Nitroaniline	38	39	45 - 106	4	30	F	F
4,6-Dinitro-2-methylphenol	8	5	10 - 110	50	30	J F	J F
4-Bromophenyl phenyl ether	90	95	44 - 102	5	30		
Atrazine	54	51	30 - 100	5	30		
Anthracene	84	96	50 - 107	11	30		
Carbazole	80	82	49 - 104	2	30		
Phenanthrene	87	135	48 - 108	24	30		F
Pentachlorophenol	67	58	19 - 113	15	30		
Pyrene	75	133	49 - 116	29	30		F
Chrysene	79	126	45 - 114	23	30		F
Benzo[k]fluoranthene	198	268	35 - 115	23	30	E F	E F
Benzo[g,h,i]perylene	38	47	43 - 106	12	30	F	
Benzo[b]fluoranthene	124	-156	33 - 96	199	30	E F	J F
Benzo[a]pyrene	-19	154	36 - 89	105	30	F	E F
Benzo[a]anthracene	86	134	46 - 112	25	30		F
N-Nitrosodiphenylamine	92	94	49 - 106	1	30		
Butyl benzyl phthalate	77	83	49 - 117	8	30		
Bis(2-ethylhexyl) phthalate	75	78	49 - 119	4	30		
Di-n-octyl phthalate	121	149	40 - 106	21	30	F	F
Indeno[1,2,3-cd]pyrene	50	-36	43 - 109	191	30		F
Dibenz(a,h)anthracene	44	-10	43 - 107	183	30		F
3,3'-Dichlorobenzidine	0	0	24 - 105	NC	30	U F	U F
1,2,4,5-Tetrachlorobenzene	88	97	70 - 130	9	30		

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122438

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79144.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	08/06/2012 2148			Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-42971-3	Analysis Batch:	460-122921	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-122438	Lab File ID:	uu79145.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	08/06/2012 2208			Final Weight/Volume:	1 mL
Prep Date:	08/03/2012 0849			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	75	76	70 - 130	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	68	70	38 - 105
Phenol-d5	64	63	41 - 118
Terphenyl-d14	55	60	16 - 151
2,4,6-Tribromophenol	62	63	10 - 120
2-Fluorophenol	67	67	37 - 125
2-Fluorobiphenyl	75	78	40 - 109

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122438

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Units:	ug/Kg	MSD Lab Sample ID:	460-42971-3
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/06/2012 2148			Analysis Date:	08/06/2012 2208
Prep Date:	08/03/2012 0849			Prep Date:	08/03/2012 0849
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	230	J	9260	9250	7230		6940	
2-Chlorophenol	60	U	9260	9250	7100		6800	
2-Methylphenol	78	U	9260	9250	6860		6690	
4-Methylphenol	90	U	9260	9250	6830		6830	
Benzaldehyde	54	U	4630	4620	3860		4050	
Acetophenone	71	U	4630	4620	3790		3750	
Bis(2-chloroethyl)ether	6.3	U	4630	4620	3720		3690	
2,2'-oxybis[1-chloropropane]	51	U	4630	4620	3560		3510	
N-Nitrosodi-n-propylamine	7.7	U	4630	4620	3700		3850	
Nitrobenzene	6.5	U	4630	4620	3930		3900	
Hexachloroethane	5.1	U	4630	4620	2980		2780	
Isophorone	56	U	4630	4620	3510		3490	
2-Nitrophenol	51	U	9260	9250	6330		6070	
2,4-Dimethylphenol	110	U	9260	9250	7370		7150	
2,4-Dichlorophenol	67	U	9260	9250	6600		6670	
Bis(2-chloroethoxy)methane	59	U	4630	4620	3880		3860	
Naphthalene	330	J	4630	4620	3940		3950	
4-Chloroaniline	120	U	4630	4620	1140		1180	
Hexachlorobutadiene	11	U	4630	4620	3710		3910	
Caprolactam	110	U	4630	4620	120	J F	122	J F
4-Chloro-3-methylphenol	69	U	9260	9250	6490		6390	
2-Methylnaphthalene	180	J	4630	4620	3550		3640	
Hexachlorobenzene	6.3	U	4630	4620	4250		4210	
Hexachlorocyclopentadiene	54	U	4630	4620	96.1	J F	92.3	J F
2,4,6-Trichlorophenol	54	U	9260	9250	7460		7620	
2,4,5-Trichlorophenol	59	U	9260	9250	6900		7620	
Diphenyl	88	J	4630	4620	4320		4710	
2-Chloronaphthalene	51	U	4630	4620	4180		4320	
2-Nitroaniline	190	U	4630	4620	3600		3990	
2,6-Dinitrotoluene	14	U	4630	4620	3760		4130	
Dimethyl phthalate	54	U	4630	4620	4130		4510	
Acenaphthylene	440	J	4630	4620	4130		4500	
3-Nitroaniline	160	U	4630	4620	2300		2350	
Acenaphthene	200	J	4630	4620	4490		4860	F
4-Nitrophenol	300	U	9260	9250	7050		7410	
2,4-Dinitrophenol	260	U	9260	9250	346	J F	260	U F
Dibenzofuran	350	J	4630	4620	4220		4460	
Diethyl phthalate	55	U	4630	4620	3970		4370	
Fluorene	250	J	4630	4620	4310		4280	
Fluoranthene	6000		4630	4620	10000		12900	E F
Di-n-butyl phthalate	57	U	4630	4620	4230		4290	
2,4-Dinitrotoluene	15	U	4630	4620	3530		3690	
4-Chlorophenyl phenyl ether	54	U	4630	4620	4360		4100	

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122438

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Units:	ug/Kg	MSD Lab Sample ID:	460-42971-3
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/06/2012 2148			Analysis Date:	08/06/2012 2208
Prep Date:	08/03/2012 0849			Prep Date:	08/03/2012 0849
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	140	U	4630	4620	1750	F	1820	F
4,6-Dinitro-2-methylphenol	130	U	9260	9250	757	J F	452	J F
4-Bromophenyl phenyl ether	46	U	4630	4620	4160		4390	
Atrazine	71	U	4630	4620	2480		2350	
Anthracene	1100		4630	4620	4990		5540	
Carbazole	340	J	4630	4620	4040		4130	
Phenanthrene	4100		4630	4620	8120		10400	F
Pentachlorophenol	140	U	9260	9250	6220		5380	
Pyrene	4600		4630	4620	8040		10700	F
Chrysene	4700		4630	4620	8340		10500	F
Benzo[k]fluoranthene	3100		4630	4620	12300	E F	15600	E F
Benzo[g,h,i]perylene	1300		4630	4620	3060	F	3470	
Benzo[b]fluoranthene	7200		4630	4620	13000	E F	34.4	J F
Benzo[a]pyrene	4500		4630	4620	3640	F	11700	E F
Benzo[a]anthracene	3700		4630	4620	7650		9860	F
N-Nitrosodiphenylamine	45	U	4630	4620	4270		4330	
Butyl benzyl phthalate	42	U	4630	4620	3560		3850	
Bis(2-ethylhexyl) phthalate	150	U	4630	4620	3460		3590	
Di-n-octyl phthalate	29	U	4630	4620	5600	F	6890	F
Indeno[1,2,3-cd]pyrene	1700		4630	4620	4050		97.1	F
Dibenz(a,h)anthracene	570		4630	4620	2620		114	F
3,3'-Dichlorobenzidine	160	U	4630	4620	160	U F	160	U F
1,2,4,5-Tetrachlorobenzene	62	U	4630	4620	4070		4470	
2,3,4,6-Tetrachlorophenol	60	U	4630	4620	3460		3520	

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122228

Method: 8081A
Preparation: 3541

Lab Sample ID:	MB 460-122228/1-A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-122228	Lab File ID:	WR705171.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 1806	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/02/2012 0713			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	1.5	U	1.5	6.7
alpha-BHC	1.2	U	1.2	6.7
beta-BHC	0.91	U	0.91	6.7
delta-BHC	1.0	U	1.0	6.7
gamma-BHC (Lindane)	0.78	U	0.78	6.7
Chlordane	15	U	15	67
4,4'-DDD	0.80	U	0.80	6.7
4,4'-DDE	1.3	U	1.3	6.7
4,4'-DDT	0.84	U	0.84	6.7
Dieldrin	1.3	U	1.3	6.7
Endosulfan I	1.4	U	1.4	6.7
Endosulfan II	1.0	U	1.0	6.7
Endosulfan sulfate	0.86	U	0.86	6.7
Endrin	0.94	U	0.94	6.7
Endrin aldehyde	1.7	U	1.7	6.7
Endrin ketone	0.99	U	0.99	6.7
Heptachlor	0.96	U	0.96	6.7
Heptachlor epoxide	1.4	U	1.4	6.7
Methoxychlor	0.75	U	0.75	6.7
Toxaphene	14	U	14	67

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	128	40 - 150
DCB Decachlorobiphenyl	135	53 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	126	40 - 150
DCB Decachlorobiphenyl	126	53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122228

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-122228/2-A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-122228	Lab File ID:	WF705149.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 1258	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/02/2012 0713			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	143	108	58 - 143	
alpha-BHC	133	142	106	58 - 138	
beta-BHC	133	145	108	60 - 139	
delta-BHC	133	134	100	60 - 141	
gamma-BHC (Lindane)	133	139	104	58 - 136	
4,4'-DDD	133	146	109	63 - 150	
4,4'-DDE	133	147	110	58 - 150	
4,4'-DDT	133	147	110	57 - 150	
Dieldrin	133	130	97	55 - 128	
Endosulfan I	133	143	107	60 - 138	
Endosulfan II	133	132	99	59 - 133	
Endosulfan sulfate	133	125	93	56 - 133	
Endrin	133	150	112	61 - 150	
Endrin aldehyde	133	132	99	55 - 122	
Endrin ketone	133	157	118	62 - 139	
Heptachlor	133	147	110	58 - 137	
Heptachlor epoxide	133	140	105	59 - 136	
Methoxychlor	133	155	116	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	121	40 - 150
DCB Decachlorobiphenyl	128	53 - 150

Lab Control Sample - Batch: 460-122228

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-122228/2-A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-122228	Lab File ID:	WR705149.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 1258	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/02/2012 0713			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	142	107	58 - 143	
alpha-BHC	133	135	101	58 - 138	
beta-BHC	133	140	105	60 - 139	
delta-BHC	133	129	97	60 - 141	
gamma-BHC (Lindane)	133	138	103	58 - 136	
4,4'-DDD	133	145	109	63 - 150	
4,4'-DDE	133	142	106	58 - 150	
4,4'-DDT	133	139	104	57 - 150	
Dieldrin	133	128	96	55 - 128	
Endosulfan I	133	138	103	60 - 138	

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122228

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-122228/2-A	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-122228	Lab File ID:	WR705149.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/06/2012 1258	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/02/2012 0713			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endosulfan II	133	127	95	59 - 133	
Endosulfan sulfate	133	55.6	42	56 - 133	*
Endrin	133	145	109	61 - 150	
Endrin aldehyde	133	124	93	55 - 122	
Endrin ketone	133	131	98	62 - 139	
Heptachlor	133	147	110	58 - 137	
Heptachlor epoxide	133	136	102	59 - 136	
Methoxychlor	133	150	113	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	121	40 - 150
DCB Decachlorobiphenyl	116	53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122228

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-122228	Lab File ID:	WR705150.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	08/06/2012 1312			Final Weight/Volume:	10 mL
Prep Date:	08/02/2012 0713			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-42971-3	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-122228	Lab File ID:	WR705151.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	08/06/2012 1326			Final Weight/Volume:	10 mL
Prep Date:	08/02/2012 0713			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	88	96	58 - 143	9	30		
alpha-BHC	88	96	58 - 138	8	30		
beta-BHC	87	94	60 - 139	8	30		
delta-BHC	83	90	60 - 141	9	30		
gamma-BHC (Lindane)	86	94	58 - 136	9	30		
4,4'-DDD	91	99	63 - 150	9	30		
4,4'-DDE	92	100	58 - 150	8	30		
4,4'-DDT	94	103	57 - 150	9	30		
Dieldrin	79	87	55 - 128	9	30		
Endosulfan I	88	96	60 - 138	9	30		
Endosulfan II	80	88	59 - 133	9	30		
Endosulfan sulfate	79	87	56 - 133	9	30		
Endrin	91	100	61 - 150	10	30		
Endrin aldehyde	86	93	55 - 122	8	30		
Endrin ketone	5	14	62 - 139	10	30	F	F
Heptachlor	91	99	58 - 137	9	30		
Heptachlor epoxide	88	96	59 - 136	9	30		
Methoxychlor	98	108	42 - 150	9	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	102	104	40 - 150
DCB Decachlorobiphenyl	106	107	53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122228

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-122228	Lab File ID:	WF705150.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	08/06/2012 1312			Final Weight/Volume:	10 mL
Prep Date:	08/02/2012 0713			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-42971-3	Analysis Batch:	460-123327	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-122228	Lab File ID:	WF705151.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	08/06/2012 1326			Final Weight/Volume:	10 mL
Prep Date:	08/02/2012 0713			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	87	95	58 - 143	9	30		
alpha-BHC	84	92	58 - 138	9	30		
beta-BHC	84	92	60 - 139	9	30		
delta-BHC	82	89	60 - 141	9	30		
gamma-BHC (Lindane)	86	94	58 - 136	9	30		
4,4'-DDD	90	97	63 - 150	8	30		
4,4'-DDE	89	97	58 - 150	9	30		
4,4'-DDT	90	99	57 - 150	10	30		
Dieldrin	79	86	55 - 128	9	30		
Endosulfan I	86	94	60 - 138	9	30		
Endosulfan II	77	84	59 - 133	8	30		
Endosulfan sulfate	79	86	56 - 133	9	30		
Endrin	90	98	61 - 150	9	30		
Endrin aldehyde	83	91	55 - 122	9	30		
Endrin ketone	19	26	62 - 139	8	30	F	F
Heptachlor	91	98	58 - 137	8	30		
Heptachlor epoxide	85	93	59 - 136	9	30		
Methoxychlor	94	102	42 - 150	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	101	102	40 - 150
DCB Decachlorobiphenyl	97	98	53 - 150

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122228

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Units:	ug/Kg	MSD Lab Sample ID:	460-42971-3
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/06/2012 1312			Analysis Date:	08/06/2012 1326
Prep Date:	08/02/2012 0713			Prep Date:	08/02/2012 0713
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aldrin	2.0	U	185	185	162		177	
alpha-BHC	1.7	U	185	185	163		177	
beta-BHC	1.3	U	185	185	160		174	
delta-BHC	1.4	U	185	185	153		167	
gamma-BHC (Lindane)	1.1	U	185	185	159		174	
4,4'-DDD	1.1	U	185	185	167		183	
4,4'-DDE	1.8	U	185	185	169		184	
4,4'-DDT	1.2	U	185	185	174		190	
Dieldrin	1.8	U	185	185	147		160	
Endosulfan I	2.0	U	185	185	162		178	
Endosulfan II	3.9	J	185	185	153		167	
Endosulfan sulfate	1.2	U	185	185	146		160	
Endrin	1.3	U	185	185	168		185	
Endrin aldehyde	2.3	U	185	185	159		173	
Endrin ketone	150		185	185	163	F	180	F
Heptachlor	1.3	U	185	185	168		183	
Heptachlor epoxide	1.9	U	185	185	162		177	
Methoxychlor	1.0	U	185	185	181		199	

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-122228

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-42971-3	Units:	ug/Kg	MSD Lab Sample ID:	460-42971-3
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/06/2012 1312			Analysis Date:	08/06/2012 1326
Prep Date:	08/02/2012 0713			Prep Date:	08/02/2012 0713
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aldrin	2.0	U	185	185	161		176	
alpha-BHC	1.7	U	185	185	156		171	
beta-BHC	1.3	U	185	185	155		169	
delta-BHC	1.4	U	185	185	151		165	
gamma-BHC (Lindane)	1.1	U	185	185	159		173	
4,4'-DDD	1.1	U	185	185	166		179	
4,4'-DDE	1.8	U	185	185	164		179	
4,4'-DDT	1.2	U	185	185	166		182	
Dieldrin	1.8	U	185	185	145		159	
Endosulfan I	2.0	U	185	185	159		174	
Endosulfan II	6.0	J	185	185	148		160	
Endosulfan sulfate	1.2	U	185	185	146		160	
Endrin	1.3	U	185	185	166		181	
Endrin aldehyde	2.3	U	185	185	153		167	
Endrin ketone	120		185	185	153	F	167	F
Heptachlor	1.3	U	185	185	168		182	
Heptachlor epoxide	1.9	U	185	185	157		172	
Methoxychlor	1.0	U	185	185	173		188	

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122268

Method: 8081A
Preparation: 3510C

Lab Sample ID:	MB 460-122268/1-A	Analysis Batch:	460-123919	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-122268	Lab File ID:	xr137552.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/13/2012 1802	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1003			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	0.010	U	0.010	0.050
alpha-BHC	0.010	U	0.010	0.050
beta-BHC	0.011	U	0.011	0.050
delta-BHC	0.0090	U	0.0090	0.050
gamma-BHC (Lindane)	0.012	U	0.012	0.050
Chlordane	0.33	U	0.33	0.50
4,4'-DDD	0.011	U	0.011	0.050
4,4'-DDE	0.0090	U	0.0090	0.050
4,4'-DDT	0.010	U	0.010	0.050
Dieldrin	0.0050	U	0.0050	0.050
Endosulfan I	0.0090	U	0.0090	0.050
Endosulfan II	0.010	U	0.010	0.050
Endosulfan sulfate	0.016	U	0.016	0.050
Endrin	0.010	U	0.010	0.050
Endrin aldehyde	0.0090	U	0.0090	0.050
Endrin ketone	0.011	U	0.011	0.050
Heptachlor	0.010	U	0.010	0.050
Heptachlor epoxide	0.010	U	0.010	0.050
Methoxychlor	0.013	U	0.013	0.050
Toxaphene	0.20	U	0.20	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	123	49 - 132
DCB Decachlorobiphenyl	114	37 - 144

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	115	49 - 132
DCB Decachlorobiphenyl	103	37 - 144

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-122268

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-122268/2-A	Analysis Batch:	460-123919	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-122268	Lab File ID:	xf137541.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/13/2012 1529	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1003			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-122268/3-A	Analysis Batch:	460-123919	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-122268	Lab File ID:	xf137542.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/13/2012 1543	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1003			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	107	105	61 - 122	2	30		
alpha-BHC	114	111	63 - 122	3	30		
beta-BHC	113	113	64 - 119	1	30		
delta-BHC	118	115	62 - 124	2	30		
gamma-BHC (Lindane)	113	109	59 - 121	3	30		
4,4'-DDD	123	122	68 - 136	1	30		
4,4'-DDE	109	110	66 - 132	1	30		
4,4'-DDT	111	114	66 - 132	3	30		
Dieldrin	108	108	62 - 112	1	30		
Endosulfan I	120	116	64 - 123	3	30		
Endosulfan II	116	111	63 - 116	5	30		
Endosulfan sulfate	110	111	56 - 121	1	30		
Endrin	116	115	42 - 138	0	30		
Endrin aldehyde	108	110	56 - 119	2	30		
Endrin ketone	177	116	62 - 125	41	30	E *	*
Heptachlor	111	108	61 - 118	3	30		
Heptachlor epoxide	113	111	64 - 120	2	30		
Methoxychlor	115	116	56 - 125	1	30		

Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	138	X	128	49 - 132
DCB Decachlorobiphenyl	109		94	37 - 144

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-122268

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-122268/2-A	Analysis Batch:	460-123919	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-122268	Lab File ID:	xr137541.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/13/2012 1529	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1003			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-122268/3-A	Analysis Batch:	460-123919	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-122268	Lab File ID:	xr137542.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	08/13/2012 1543	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2012 1003			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	100	104	61 - 122	4	30		
alpha-BHC	114	108	63 - 122	6	30		
beta-BHC	109	107	64 - 119	2	30		
delta-BHC	106	104	62 - 124	2	30		
gamma-BHC (Lindane)	106	106	59 - 121	0	30		
4,4'-DDD	114	112	68 - 136	2	30		
4,4'-DDE	105	107	66 - 132	2	30		
4,4'-DDT	109	107	66 - 132	2	30		
Dieldrin	103	101	62 - 112	2	30		
Endosulfan I	113	110	64 - 123	2	30		
Endosulfan II	109	106	63 - 116	3	30		
Endosulfan sulfate	109	107	56 - 121	1	30		
Endrin	112	111	42 - 138	1	30		
Endrin aldehyde	103	101	56 - 119	1	30		
Endrin ketone	122	115	62 - 125	6	30		
Heptachlor	99	101	61 - 118	2	30		
Heptachlor epoxide	112	111	64 - 120	1	30		
Methoxychlor	101	111	56 - 125	9	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	113	105	49 - 132
DCB Decachlorobiphenyl	84	83	37 - 144

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-122268

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-122268/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-122268/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/13/2012 1529			Analysis Date:	08/13/2012 1543
Prep Date:	08/02/2012 1003			Prep Date:	08/02/2012 1003
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Aldrin	2.00	2.00	2.14		2.10	
alpha-BHC	2.00	2.00	2.29		2.22	
beta-BHC	2.00	2.00	2.27		2.25	
delta-BHC	2.00	2.00	2.35		2.31	
gamma-BHC (Lindane)	2.00	2.00	2.25		2.18	
4,4'-DDD	2.00	2.00	2.46		2.45	
4,4'-DDE	2.00	2.00	2.18		2.21	
4,4'-DDT	2.00	2.00	2.21		2.29	
Dieldrin	2.00	2.00	2.17		2.15	
Endosulfan I	2.00	2.00	2.40		2.32	
Endosulfan II	2.00	2.00	2.33		2.21	
Endosulfan sulfate	2.00	2.00	2.19		2.21	
Endrin	2.00	2.00	2.31		2.30	
Endrin aldehyde	2.00	2.00	2.17		2.21	
Endrin ketone	2.00	2.00	3.54	E *	2.33	*
Heptachlor	2.00	2.00	2.22		2.17	
Heptachlor epoxide	2.00	2.00	2.26		2.22	
Methoxychlor	2.00	2.00	2.29		2.32	

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-122268

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-122268/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-122268/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/13/2012 1529			Analysis Date:	08/13/2012 1543
Prep Date:	08/02/2012 1003			Prep Date:	08/02/2012 1003
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	2.00	2.00	2.00	2.08
alpha-BHC	2.00	2.00	2.28	2.15
beta-BHC	2.00	2.00	2.17	2.13
delta-BHC	2.00	2.00	2.12	2.09
gamma-BHC (Lindane)	2.00	2.00	2.13	2.12
4,4'-DDD	2.00	2.00	2.29	2.24
4,4'-DDE	2.00	2.00	2.10	2.14
4,4'-DDT	2.00	2.00	2.18	2.13
Dieldrin	2.00	2.00	2.05	2.02
Endosulfan I	2.00	2.00	2.26	2.21
Endosulfan II	2.00	2.00	2.18	2.11
Endosulfan sulfate	2.00	2.00	2.17	2.15
Endrin	2.00	2.00	2.24	2.23
Endrin aldehyde	2.00	2.00	2.05	2.02
Endrin ketone	2.00	2.00	2.44	2.30
Heptachlor	2.00	2.00	1.98	2.02
Heptachlor epoxide	2.00	2.00	2.24	2.21
Methoxychlor	2.00	2.00	2.02	2.22

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-122238/1-A ^2	Analysis Batch:	460-122452	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	08/02/2012 1827	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	9.1	U	9.1	20.0
Antimony	0.62	U	0.62	1.0
Arsenic	0.47	U	0.47	0.50
Barium	0.57	U	0.57	20.0
Beryllium	0.072	U	0.072	0.20
Cadmium	0.074	U	0.074	0.50
Calcium	35.4	U	35.4	500
Chromium	0.43	U	0.43	1.0
Cobalt	0.43	U	0.43	5.0
Copper	0.97	U	0.97	2.5
Iron	6.1	U	6.1	15.0
Lead	0.43	U	0.43	0.50
Magnesium	36.0	U	36.0	500
Manganese	0.44	U	0.44	1.5
Nickel	0.44	U	0.44	4.0
Potassium	53.5	U	53.5	500
Selenium	0.66	U	0.66	1.0
Silver	0.10	U	0.10	1.0
Sodium	79.0	U	79.0	500
Thallium	0.57	U	0.57	1.0
Vanadium	0.38	U	0.38	5.0
Zinc	0.54	U	0.54	3.0

Client: URS Corporation

Job Number: 460-42971-1

LCS-Certified Reference Material - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-122452	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	08/02/2012 1838	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	8950	6531	73.0	43.3 - 156.8	
Antimony	115	198.3	171.8	20.8 - 252.5	
Arsenic	162	157.8	97.7	70.8 - 129.8	
Barium	205	200.4	97.8	73.2 - 126.8	
Beryllium	106	105.4	99.6	75.1 - 125.5	
Cadmium	99.0	101.3	102.3	73.0 - 126.2	
Calcium	6610	6942	105.1	74.4 - 125.8	
Chromium	114	120.1	105.0	69.7 - 129.4	
Cobalt	126	132.8	105.4	74.4 - 125.2	
Copper	113	115.0	101.3	74.6 - 124.6	
Iron	12500	12780	102.3	32.2 - 167.7	
Lead	73.9	77.42	104.7	68.7 - 131.3	
Magnesium	2670	2504	93.7	65.1 - 135.3	
Manganese	325	350.0	107.7	75.4 - 125.1	
Nickel	67.3	71.69	106.5	70.9 - 129.0	
Potassium	3010	2644	87.9	62.9 - 136.7	
Selenium	121	119.2	98.4	66.7 - 134.1	
Silver	40.7	40.62	99.9	66.2 - 134.0	
Sodium	337	313.8	93.3	42.9 - 156.9	J
Thallium	200	217.9	108.9	69.2 - 130.8	
Vanadium	83.8	85.50	102.1	63.1 - 136.6	
Zinc	265	270.4	101.9	71.4 - 128.6	

Client: URS Corporation

Job Number: 460-42971-1

Post Digestion Spike - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-9	Analysis Batch:	460-122452	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/02/2012 1856	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9350		412	9759	NC	75 - 125	
Antimony	1.3	U	103	89.52	87	75 - 125	
Arsenic	5.9		412	392.8	94	75 - 125	
Barium	74.8		412	475.0	97	75 - 125	
Beryllium	0.46		10.3	10.49	97	75 - 125	
Cadmium	0.29	U	10.3	10.20	99	75 - 125	
Calcium	10500		4120	14670	93	75 - 125	
Chromium	19.0		41.2	61.22	100	75 - 125	
Cobalt	8.3	J	103	108.7	97	75 - 125	
Copper	19.4		51.5	68.53	96	75 - 125	
Iron	21100		206	21690	NC	75 - 125	
Lead	60.0		103	163.2	98	75 - 125	
Magnesium	3770		4120	7934	95	75 - 125	
Manganese	467		103	571.0	88	75 - 125	
Nickel	15.3		103	117.3	99	75 - 125	
Potassium	3080		4120	6997	94	75 - 125	
Selenium	1.4	U	412	379.4	92	75 - 125	
Silver	0.21	U	10.3	7.91	77	75 - 125	
Sodium	386	J	4120	4445	99	75 - 125	
Thallium	1.2	U	412	416.9	101	75 - 125	
Vanadium	19.9		103	122.2	98	75 - 125	
Zinc	73.4		103	174.9	95	75 - 125	

Matrix Spike - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-9	Analysis Batch:	460-122616	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122424.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	08/04/2012 0354	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9350		210	9447	45	75 - 125	4
Antimony	1.3	U	52.5	25.16	48	75 - 125	F
Arsenic	5.9		210	194.6	90	75 - 125	
Barium	74.8		210	263.7	90	75 - 125	
Beryllium	0.46		5.25	5.49	96	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-9	Analysis Batch:	460-122616	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122424.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	08/04/2012 0354	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.29	J	5.25	5.31	96	75 - 125	
Calcium	10500		2100	11140	30	75 - 125	4
Chromium	19.0		21.0	38.26	92	75 - 125	
Cobalt	8.3	J	52.5	56.80	92	75 - 125	
Copper	19.4		26.2	44.41	95	75 - 125	
Iron	21100		105	20460	-582	75 - 125	4
Lead	60.0		52.5	125.0	124	75 - 125	
Magnesium	3770		2100	5264	71	75 - 125	F
Manganese	467		52.5	379.0	-167	75 - 125	4
Nickel	15.3		52.5	65.11	95	75 - 125	
Potassium	3080		2100	4557	70	75 - 125	F
Selenium	1.4	U	210	185.3	88	75 - 125	
Silver	0.21	U	5.25	4.68	89	75 - 125	
Sodium	386	J	2100	2350	93	75 - 125	
Thallium	1.2	U	210	203.9	97	75 - 125	
Vanadium	19.9		52.5	67.63	91	75 - 125	
Zinc	73.4		52.5	122.5	94	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Duplicate - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-9	Analysis Batch:	460-122452	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	08/02/2012 1842	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	9350		9478	0.6	20	
Antimony	1.3	U	1.3	NC	20	U
Arsenic	5.9		5.70	1	20	
Barium	74.8		75.25	0.9	20	
Beryllium	0.46		0.528	5	20	
Cadmium	0.29	U	0.15	NC	20	U
Calcium	10500		10770	0.5	20	
Chromium	19.0		19.71	1	20	
Cobalt	8.3	J	8.41	0.6	20	J
Copper	19.4		19.06	1	20	
Iron	21100		21850	0.9	20	
Lead	60.0		61.11	1	20	
Magnesium	3770		3975	0.9	20	
Manganese	467		477.9	0.5	20	
Nickel	15.3		15.65	0.7	20	
Potassium	3080		3126	0.3	20	
Selenium	1.4	U	1.3	NC	20	U
Silver	0.21	U	0.20	NC	20	U
Sodium	386	J	381.1	0.7	20	J
Thallium	1.2	U	1.2	NC	20	U
Vanadium	19.9		21.00	0.9	20	
Zinc	73.4		76.09	0.8	20	

Serial Dilution - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-9	Analysis Batch:	460-122452	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/02/2012 1849	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	9540		9667	1.4	10	
Antimony	1.3	U	6.4	NC	10	U
Arsenic	5.6		5.39	NC	10	
Barium	75.9		76.68	1.0	10	J
Beryllium	0.50		0.74	NC	10	U
Cadmium	0.15	U	0.76	NC	10	U
Calcium	10800		11010	1.7	10	

Client: URS Corporation

Job Number: 460-42971-1

Serial Dilution - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-9	Analysis Batch:	460-122452	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122238.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/02/2012 1849	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	19.9		20.23	NC	10	
Cobalt	8.5	J	8.57	NC	10	J
Copper	18.9		22.09	NC	10	J
Iron	22000		22500	2.1	10	
Lead	61.8		62.48	1.1	10	
Magnesium	4010		4122	2.8	10	J
Manganese	480		488.5	1.7	10	
Nickel	15.8		16.52	NC	10	J
Potassium	3140		3103	NC	10	J
Selenium	1.4	U	6.8	NC	10	U
Silver	0.21	U	1.0	NC	10	U
Sodium	378	J	814	NC	10	U
Thallium	1.2	U	5.8	NC	10	U
Vanadium	21.2		21.22	NC	10	J

Serial Dilution - Batch: 460-122238

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-9	Analysis Batch:	460-122616	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-122238	Lab File ID:	122424.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/04/2012 0351	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/02/2012 0806				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Zinc	73.4	73.13	0.38	10	

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 460-122427/1-A	Analysis Batch:	460-122544	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1213	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	72.1	U	72.1	200
Antimony	7.4	U	7.4	10.0
Arsenic	3.7	U	3.7	5.0
Barium	5.9	U	5.9	200
Beryllium	0.78	U	0.78	2.0
Cadmium	0.82	U	0.82	5.0
Calcium	305	U	305	5000
Chromium	4.5	U	4.5	10.0
Cobalt	4.3	U	4.3	50.0
Copper	7.8	U	7.8	25.0
Iron	73.6	U	73.6	150
Lead	4.0	U	4.0	5.0
Magnesium	321	U	321	5000
Manganese	4.3	U	4.3	15.0
Nickel	5.0	U	5.0	40.0
Potassium	525	U	525	5000
Selenium	5.8	U	5.8	10.0
Silver	1.3	U	1.3	10.0
Sodium	821	U	821	5000
Thallium	5.2	U	5.2	10.0
Vanadium	4.0	U	4.0	50.0
Zinc	5.8	U	5.8	30.0

Client: URS Corporation

Job Number: 460-42971-1

Lab Control Sample - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 460-122427/2-A	Analysis Batch:	460-122544	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1217	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2042	102	80 - 120	
Antimony	500	498.3	100	80 - 120	
Arsenic	2000	1989	99	80 - 120	
Barium	2000	2077	104	80 - 120	
Beryllium	50.0	50.71	101	80 - 120	
Cadmium	50.0	52.54	105	80 - 120	
Calcium	20000	21700	109	80 - 120	
Chromium	200	212.3	106	80 - 120	
Cobalt	500	523.9	105	80 - 120	
Copper	250	255.9	102	80 - 120	
Iron	1000	1067	107	80 - 120	
Lead	500	541.0	108	80 - 120	
Magnesium	20000	20610	103	80 - 120	
Manganese	500	538.6	108	80 - 120	
Nickel	500	533.3	107	80 - 120	
Potassium	20000	20260	101	80 - 120	
Selenium	2000	1968	98	80 - 120	
Silver	50.0	49.30	99	80 - 120	
Sodium	20000	20830	104	80 - 120	
Thallium	2000	2255	113	80 - 120	
Vanadium	500	515.6	103	80 - 120	
Zinc	500	519.1	104	80 - 120	

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-42969-K-3-C MS	Analysis Batch:	460-122544	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1231	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	190	J	2000	2197	100	75 - 125	
Antimony	7.4	U	500	495.4	99	75 - 125	
Arsenic	4.7	J	2000	2030	101	75 - 125	
Barium	303		2000	2332	101	75 - 125	
Beryllium	0.78	U	50.0	50.73	101	75 - 125	
Cadmium	0.82	U	50.0	52.22	104	75 - 125	
Calcium	25500		20000	46460	105	75 - 125	
Chromium	4.5	U	200	214.4	107	75 - 125	
Cobalt	4.3	U	500	512.1	102	75 - 125	
Copper	7.8	U	250	255.7	102	75 - 125	
Iron	304		1000	1365	106	75 - 125	
Lead	4.0	U	500	519.2	104	75 - 125	
Magnesium	6570		20000	26640	100	75 - 125	
Manganese	3110		500	3630	103	75 - 125	4
Nickel	5.0	U	500	519.8	104	75 - 125	
Potassium	4120	J	20000	24220	100	75 - 125	
Selenium	5.8	U	2000	1994	100	75 - 125	
Silver	1.3	U	50.0	51.51	103	75 - 125	
Thallium	5.2	U	2000	2069	103	75 - 125	
Vanadium	4.0	U	500	522.8	105	75 - 125	
Zinc	5.8	U	500	523.6	105	75 - 125	

Post Digestion Spike - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-42969-K-3-A PDS	Analysis Batch:	460-122544	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1235	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	190	J	2000	1967	89	75 - 125	
Antimony	7.4	U	500	445.7	89	75 - 125	
Arsenic	4.7	J	2000	1820	91	75 - 125	
Barium	303		2000	2113	90	75 - 125	
Beryllium	0.78	U	50.0	45.32	91	75 - 125	
Cadmium	0.82	U	50.0	46.69	93	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Post Digestion Spike - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-42969-K-3-A PDS	Analysis Batch:	460-122544	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1235	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Calcium	25500		20000	43540	90	75 - 125	
Chromium	4.5	U	200	192.1	96	75 - 125	
Cobalt	4.3	U	500	458.5	92	75 - 125	
Copper	7.8	U	250	230.3	92	75 - 125	
Iron	304		1000	1243	94	75 - 125	
Lead	4.0	U	500	467.9	94	75 - 125	
Magnesium	6570		20000	24410	89	75 - 125	
Manganese	3110		500	3509	79	75 - 125	
Nickel	5.0	U	500	464.9	93	75 - 125	
Potassium	4120	J	20000	21960	89	75 - 125	
Selenium	5.8	U	2000	1783	89	75 - 125	
Thallium	5.2	U	2000	1869	93	75 - 125	
Vanadium	4.0	U	500	469.0	94	75 - 125	
Zinc	5.8	U	500	470.5	94	75 - 125	

Post Digestion Spike - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-42969-K-3-A PDS	Analysis Batch:	460-124774	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	08202012.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/20/2012 1218	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	1.3	U	50.0	49.16	98	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Duplicate - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-42969-K-3-B DU	Analysis Batch:	460-122544	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1220	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	190	J	183.5	3	20	J
Antimony	7.4	U	7.4	NC	20	U
Arsenic	4.7	J	4.05	15	20	J
Barium	303		303.2	0.03	20	
Beryllium	0.78	U	0.78	NC	20	U
Cadmium	0.82	U	0.82	NC	20	U
Calcium	25500		25280	0.9	20	
Chromium	4.5	U	4.5	NC	20	U
Cobalt	4.3	U	4.3	NC	20	U
Copper	7.8	U	7.8	NC	20	U
Iron	304		312.5	3	20	
Lead	4.0	U	4.0	NC	20	U
Magnesium	6570		6579	0.09	20	
Manganese	3110		3101	0.4	20	
Nickel	5.0	U	5.0	NC	20	U
Potassium	4120	J	4117	0.1	20	J
Selenium	5.8	U	5.8	NC	20	U
Silver	1.3	U	1.3	NC	20	U
Thallium	5.2	U	5.2	NC	20	U
Vanadium	4.0	U	4.0	NC	20	U
Zinc	5.8	U	5.8	NC	20	U

Serial Dilution - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-42969-K-3-A SD ^5	Analysis Batch:	460-122544	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1227	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	361	J	361	NC	10	U
Antimony	36.8	U	36.8	NC	10	U
Arsenic	18.6	J	18.6	NC	10	U
Barium	302		299.0	1.4	10	J
Beryllium	3.9	U	3.9	NC	10	U
Cadmium	4.1	U	4.1	NC	10	U
Calcium	24700		24620	3.5	10	J
Chromium	22.3	U	22.3	NC	10	U

Client: URS Corporation

Job Number: 460-42971-1

Serial Dilution - Batch: 460-122427

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-42969-K-3-A SD ^5	Analysis Batch:	460-122544	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-122427	Lab File ID:	122427.asc
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/03/2012 1227	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/03/2012 0752				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Cobalt	21.4	U	21.4	NC	10	U
Copper	39.2	U	39.2	NC	10	U
Iron	368		368	NC	10	U
Lead	20.1	U	20.1	NC	10	U
Magnesium	6570		6400	NC	10	J
Manganese	3050		3002	3.6	10	
Nickel	24.9	U	24.9	NC	10	U
Potassium	4010	J	3968	NC	10	J
Selenium	28.8	U	28.8	NC	10	U
Silver	6.7	U	6.7	NC	10	U
Thallium	26.2	U	26.2	NC	10	U
Vanadium	20.2	U	20.2	NC	10	U
Zinc	29.2	U	29.2	NC	10	U

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-123228/1-A ^2	Analysis Batch:	460-123407	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08092012A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	08/09/2012 2015	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	9.1	U	9.1	20.0
Antimony	0.62	U	0.62	1.0
Arsenic	0.47	U	0.47	0.50
Barium	0.57	U	0.57	20.0
Beryllium	0.072	U	0.072	0.20
Cadmium	0.074	U	0.074	0.50
Calcium	35.4	U	35.4	500
Chromium	0.43	U	0.43	1.0
Cobalt	0.43	U	0.43	5.0
Copper	0.97	U	0.97	2.5
Iron	6.1	U	6.1	15.0
Lead	0.43	U	0.43	0.50
Magnesium	36.0	U	36.0	500
Manganese	0.44	U	0.44	1.5
Nickel	0.44	U	0.44	4.0
Potassium	53.5	U	53.5	500
Selenium	0.66	U	0.66	1.0
Silver	0.10	U	0.10	1.0
Sodium	79.0	U	79.0	500
Thallium	0.57	U	0.57	1.0
Vanadium	0.38	U	0.38	5.0
Zinc	0.54	U	0.54	3.0

Client: URS Corporation

Job Number: 460-42971-1

LCS-Certified Reference Material - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-123407	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08092012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	08/09/2012 2004	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	8950	5788	64.7	43.3 - 156.8	
Antimony	115	205.4	178.0	20.8 - 252.5	
Arsenic	162	154.4	95.6	70.8 - 129.8	
Barium	205	199.2	97.3	73.2 - 126.8	
Beryllium	106	111.4	105.3	75.1 - 125.5	
Cadmium	99.0	107.6	108.6	73.0 - 126.2	
Calcium	6610	7521	113.9	74.4 - 125.8	
Chromium	114	120.0	104.9	69.7 - 129.4	
Cobalt	126	141.7	112.5	74.4 - 125.2	
Copper	113	122.0	107.5	74.6 - 124.6	
Iron	12500	10670	85.4	32.2 - 167.7	
Lead	73.9	77.10	104.3	68.7 - 131.3	
Magnesium	2670	2285	85.5	65.1 - 135.3	
Manganese	325	352.5	108.5	75.4 - 125.1	
Nickel	67.3	76.29	113.3	70.9 - 129.0	
Potassium	3010	2577	85.6	62.9 - 136.7	
Selenium	121	119.0	98.2	66.7 - 134.1	
Silver	40.7	40.02	98.4	66.2 - 134.0	
Sodium	337	330.2	98.1	42.9 - 156.9	J
Thallium	200	217.3	108.7	69.2 - 130.8	
Vanadium	83.8	82.65	98.7	63.1 - 136.6	
Zinc	265	278.8	105.1	71.4 - 128.6	

Client: URS Corporation

Job Number: 460-42971-1

Matrix Spike - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123407	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08092012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	08/09/2012 2029	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10600		267	12220	593	75 - 125	4
Antimony	16.8		66.8	57.68	61	75 - 125	F
Arsenic	48.4		267	283.7	88	75 - 125	
Barium	364		267	563.2	75	75 - 125	
Beryllium	0.64		6.68	7.06	96	75 - 125	
Cadmium	0.65	J	6.68	6.91	94	75 - 125	
Calcium	4190		2670	6415	83	75 - 125	
Chromium	39.8		26.7	65.75	97	75 - 125	
Cobalt	4.3	J	66.8	68.13	96	75 - 125	
Copper	470		33.4	366.8	-308	75 - 125	4
Iron	20700		134	22280	1157	75 - 125	4
Magnesium	896	J	2670	3193	86	75 - 125	
Manganese	62.4		66.8	124.7	93	75 - 125	
Nickel	14.9		66.8	79.22	96	75 - 125	
Potassium	1280	J	2670	3425	80	75 - 125	
Selenium	2.6		267	234.8	87	75 - 125	
Silver	2.9		6.68	7.72	72	75 - 125	F
Sodium	406	J	2670	2939	95	75 - 125	
Thallium	1.5	U	267	258.4	97	75 - 125	
Vanadium	31.2		66.8	95.89	97	75 - 125	
Zinc	301		66.8	364.2	95	75 - 125	4

Post Digestion Spike - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123407	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08092012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/09/2012 2033	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10600		529	11040	NC	75 - 125	
Antimony	16.8		132	136.7	91	75 - 125	
Arsenic	48.4		529	533.5	92	75 - 125	
Barium	364		529	867.2	95	75 - 125	
Beryllium	0.64		13.2	13.56	98	75 - 125	
Cadmium	0.65	J	13.2	13.24	95	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Post Digestion Spike - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123407	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08092012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/09/2012 2033	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Calcium	4190		5290	9458	99	75 - 125	
Chromium	39.8		52.9	90.37	96	75 - 125	
Cobalt	4.3	J	132	131.9	96	75 - 125	
Copper	470		66.2	528.5	89	75 - 125	
Iron	20700		265	20780	NC	75 - 125	
Magnesium	896	J	5290	5777	92	75 - 125	
Manganese	62.4		132	193.4	99	75 - 125	
Nickel	14.9		132	143.5	97	75 - 125	
Potassium	1280	J	5290	6304	95	75 - 125	
Selenium	2.6		529	477.7	90	75 - 125	
Silver	2.9		13.2	14.87	91	75 - 125	
Sodium	406	J	5290	5565	97	75 - 125	
Thallium	1.5	U	529	523.2	99	75 - 125	
Vanadium	31.2		132	155.2	94	75 - 125	
Zinc	301		132	422.4	92	75 - 125	

Matrix Spike - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123507	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08102012.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	08/10/2012 1225	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Lead	10100	66.8	4876	-7840	75 - 125	4

Client: URS Corporation

Job Number: 460-42971-1

Post Digestion Spike - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123507	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08102012.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/10/2012 1229	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Lead	10100	662	10830	NC	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Duplicate - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123407	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08092012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.07 g
Analysis Date:	08/09/2012 2018	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	10600		9764	9	20	
Antimony	16.8		18.38	9	20	
Arsenic	48.4		55.36	13	20	
Barium	364		338.6	7	20	
Beryllium	0.64		0.633	1	20	
Cadmium	0.65	J	0.786	19	20	J
Calcium	4190		4259	2	20	
Chromium	39.8		41.16	3	20	
Cobalt	4.3	J	4.58	7	20	J
Copper	470		375.8	22	20	F
Iron	20700		23840	14	20	
Magnesium	896	J	768.7	15	20	J
Manganese	62.4		69.02	10	20	
Nickel	14.9		14.40	4	20	
Potassium	1280	J	1018	23	20	J
Selenium	2.6		3.71	36	20	
Silver	2.9		1.97	38	20	J
Sodium	406	J	383.3	6	20	J
Thallium	1.5	U	1.5	NC	20	U
Vanadium	31.2		34.59	10	20	
Zinc	301		328.5	9	20	

Serial Dilution - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123407	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08092012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/09/2012 2026	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	10600		11150	4.9	10	
Antimony	16.8		16.78	NC	10	
Arsenic	48.4		46.67	NC	10	
Barium	364		379.2	4.3	10	
Beryllium	0.64		0.95	NC	10	U
Cadmium	0.65	J	0.98	NC	10	U
Calcium	4190		4329	NC	10	J
Chromium	39.8		41.14	NC	10	

Client: URS Corporation

Job Number: 460-42971-1

Serial Dilution - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123407	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08092012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/09/2012 2026	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Cobalt	4.3	J	5.6	NC	10	U
Copper	470		493.7	5.1	10	
Iron	20700		21780	5.0	10	
Magnesium	896	J	951.7	NC	10	J
Manganese	62.4		65.14	4.4	10	
Nickel	14.9		15.75	NC	10	J
Potassium	1280	J	1268	NC	10	J
Selenium	2.6		8.7	NC	10	U
Silver	2.9		2.95	NC	10	J
Sodium	406	J	1050	NC	10	U
Thallium	1.5	U	7.5	NC	10	U
Vanadium	31.2		31.72	NC	10	J
Zinc	301		312.3	3.8	10	

Duplicate - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123507	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08102012.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.07 g
Analysis Date:	08/10/2012 1207	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Lead	10100	5472	60	20	F

Serial Dilution - Batch: 460-123228

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123507	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-123228	Lab File ID:	08102012.asc
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	08/10/2012 1214	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/09/2012 0813				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Lead	10100	10090	0.24	10	

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122307

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-122307/1-A	Analysis Batch:	460-122366	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-122307	Lab File ID:	122307hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	08/02/2012 1357	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	08/02/2012 1100				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.16	U	0.16	0.20

Lab Control Sample - Batch: 460-122307

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-122307/2-A	Analysis Batch:	460-122366	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-122307	Lab File ID:	122307hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	08/02/2012 1359	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	08/02/2012 1100				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.00	100	80 - 120	

Matrix Spike - Batch: 460-122307

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-42963-F-4-B MS	Analysis Batch:	460-122366	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-122307	Lab File ID:	122307hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	08/02/2012 1405	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	08/02/2012 1100				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.16	U	1.00	1.07	107	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Duplicate - Batch: 460-122307

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-42963-B-4-B DU	Analysis Batch:	460-122366	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-122307	Lab File ID:	122307hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	08/02/2012 1403	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	08/02/2012 1100				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.16	U	0.16	NC	20	U

Serial Dilution - Batch: 460-122307

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-42963-G-4-B SD ^5	Analysis Batch:	460-122366	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-122307	Lab File ID:	122307hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	08/02/2012 1449	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	08/02/2012 1100				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.16	U	0.80	NC	10	U

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-122369

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-122369/10-A	Analysis Batch:	460-122410	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-122369	Lab File ID:	122359HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/02/2012 2155	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/02/2012 1730				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-122369

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-122410	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-122369	Lab File ID:	122359HG1.PRN
Dilution:	40	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/02/2012 2158	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/02/2012 1730				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	25.1	25.07	99.9	51.4 - 148.2	

Matrix Spike - Batch: 460-122369

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-42964-E-40-F MS	Analysis Batch:	460-122410	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-122369	Lab File ID:	122359HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/02/2012 2203	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/02/2012 1730				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.024	U	0.183	0.174	95	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Duplicate - Batch: 460-122369

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-42964-E-40-E DU	Analysis Batch:	460-122410	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-122369	Lab File ID:	122359HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/02/2012 2201	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/02/2012 1730				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.024	U	0.024	NC	20	U

Serial Dilution - Batch: 460-122369

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-42964-E-40-D SD	Analysis Batch:	460-122410	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-122369	Lab File ID:	122359HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/02/2012 2256	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/02/2012 1730				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.024	U	0.12	NC		U

Client: URS Corporation

Job Number: 460-42971-1

Method Blank - Batch: 460-123339

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-123339/10-A	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/09/2012 1908	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-123339

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	40	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/09/2012 1910	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	25.1	25.60	102.0	51.4 - 148.2	

Matrix Spike - Batch: 460-123339

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/09/2012 1915	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.53	0.232	0.778	107	75 - 125	

Client: URS Corporation

Job Number: 460-42971-1

Duplicate - Batch: 460-123339

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/09/2012 1913	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.53	1.37	88	20	F

Serial Dilution - Batch: 460-123339

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-42971-3	Analysis Batch:	460-123377	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-123339	Lab File ID:	123339.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/09/2012 2017	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/09/2012 1628				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.53	0.712	NC		

Client: URS Corporation

Job Number: 460-42971-1

Duplicate - Batch: 460-122255

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-42910-E-3 DU	Analysis Batch:	460-122255	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	08/02/2012 0917	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	17.7	17.5	1	20	
Percent Solids	82.3	82.5	0.3	20	

Client: URS Corporation

Job Number: 460-42971-1

Duplicate - Batch: 460-122271

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-42968-A-22 DU	Analysis Batch:	460-122271	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	08/02/2012 1030	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	13.2	12.0	10	20	
Percent Solids	86.8	88.0	1	20	

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 460-42971-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 460-42971-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-122182					
460-42971-6	20120731SB-397V5-6N	T	Solid	5035	
460-42971-B-8-A MSMS	Matrix Spike	T	Solid	5035	
460-42971-B-8-A MSDMSD	Matrix Spike Duplicate	T	Solid	5035	
460-42971-16	20120731FD	T	Solid	5035	
Prep Batch: 460-122188					
LB3 460-122188/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-42971-1	20120731SB-396V0-2N	T	Solid	5035	
460-42971-2	20120731SB-396V6-7N	T	Solid	5035	
460-42971-3	20120731SB-397V0-2N	T	Solid	5035	
460-42971-3MS	Matrix Spike	T	Solid	5035	
460-42971-3MSD	Matrix Spike Duplicate	T	Solid	5035	
460-42971-7	20120731SB-394V0-2N	T	Solid	5035	
460-42971-8	20120731SB-394V7-8N	T	Solid	5035	
460-42971-9	20120731SB-393V0-2N	T	Solid	5035	
460-42971-10	20120731SB-393V7-8N	T	Solid	5035	
460-42971-11	20120731SB-392V0-2N	T	Solid	5035	
460-42971-12	20120731SB-392V7-8N	T	Solid	5035	
460-42971-13	20120731SB-387V0-2N	T	Solid	5035	
460-42971-14	20120731SB-387V3-4N	T	Solid	5035	
Analysis Batch:460-122264					
LCS 460-122264/3	Lab Control Sample	T	Water	8260B	
MB 460-122264/4	Method Blank	T	Water	8260B	
460-42904-B-4 MS	Matrix Spike	T	Water	8260B	
460-42904-B-4 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-42971-15	20120731EB	T	Water	8260B	
460-42971-17	20120731TB	T	Water	8260B	
Analysis Batch:460-122620					
LCS 460-122620/17	Lab Control Sample	T	Solid	8260B	
LCSD 460-122620/18	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-122620/21	Method Blank	T	Solid	8260B	
LB3 460-122188/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-122188
Analysis Batch:460-122835					
LCS 460-122835/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-122835/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-122835/6	Method Blank	T	Solid	8260B	
460-42971-2	20120731SB-396V6-7N	T	Solid	8260B	460-122188

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-123008					
LCS 460-123008/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-123008/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-123008/16	Method Blank	T	Solid	8260B	
460-42971-7	20120731SB-394V0-2N	T	Solid	8260B	460-122188
460-42971-9	20120731SB-393V0-2N	T	Solid	8260B	460-122188
460-42971-10	20120731SB-393V7-8N	T	Solid	8260B	460-122188
460-42971-11	20120731SB-392V0-2N	T	Solid	8260B	460-122188
460-42971-12	20120731SB-392V7-8N	T	Solid	8260B	460-122188
460-42971-13	20120731SB-387V0-2N	T	Solid	8260B	460-122188
460-42971-14	20120731SB-387V3-4N	T	Solid	8260B	460-122188
Analysis Batch:460-123251					
LCS 460-123251/3	Lab Control Sample	T	Solid	8260B	
MB 460-123251/4	Method Blank	T	Solid	8260B	
460-42971-6	20120731SB-397V5-6N	T	Solid	8260B	460-122182
460-42971-B-8-A MSMS	Matrix Spike	T	Solid	8260B	460-122182
460-42971-B-8-A MSDMSD	Matrix Spike Duplicate	T	Solid	8260B	460-122182
460-42971-16	20120731FD	T	Solid	8260B	460-122182
Analysis Batch:460-123371					
LCS 460-123371/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-123371/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-123371/5	Method Blank	T	Solid	8260B	
460-42971-3	20120731SB-397V0-2N	T	Solid	8260B	460-122188
460-42971-8	20120731SB-394V7-8N	T	Solid	8260B	460-122188
Analysis Batch:460-123432					
LCS 460-123432/3	Lab Control Sample	T	Solid	8260B	
MB 460-123432/5	Method Blank	T	Solid	8260B	
460-42971-3MS	Matrix Spike	T	Solid	8260B	460-122188
460-42971-3MSD	Matrix Spike Duplicate	T	Solid	8260B	460-122188
Analysis Batch:460-123838					
LCS 460-123838/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-123838/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-123838/5	Method Blank	T	Solid	8260B	
460-42971-1	20120731SB-396V0-2N	T	Solid	8260B	460-122188

Report Basis

T = Total

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-122162					
LCS 460-122162/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-122162/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-122162/1-A	Method Blank	T	Water	3510C	
460-42971-15	20120731EB	T	Water	3510C	
Prep Batch: 460-122303					
LCS 460-122303/2-A	Lab Control Sample	T	Solid	3541	
MB 460-122303/1-A	Method Blank	T	Solid	3541	
460-42971-1	20120731SB-396V0-2N	T	Solid	3541	
460-42971-2	20120731SB-396V6-7N	T	Solid	3541	
460-42971-6	20120731SB-397V5-6N	T	Solid	3541	
460-42971-7	20120731SB-394V0-2N	T	Solid	3541	
460-42971-8	20120731SB-394V7-8N	T	Solid	3541	
460-42971-9	20120731SB-393V0-2N	T	Solid	3541	
460-42971-10	20120731SB-393V7-8N	T	Solid	3541	
460-42971-11	20120731SB-392V0-2N	T	Solid	3541	
460-42971-12	20120731SB-392V7-8N	T	Solid	3541	
460-42971-13	20120731SB-387V0-2N	T	Solid	3541	
460-42971-14	20120731SB-387V3-4N	T	Solid	3541	
460-42971-16DL	20120731FD	T	Solid	3541	
460-43010-F-2-C MS	Matrix Spike	T	Solid	3541	
460-43010-F-2-D MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-122318					
LCS 460-122162/2-A	Lab Control Sample	T	Water	8270C	460-122162
LCSD 460-122162/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-122162
MB 460-122162/1-A	Method Blank	T	Water	8270C	460-122162
Analysis Batch:460-122357					
460-42971-15	20120731EB	T	Water	8270C	460-122162
Prep Batch: 460-122438					
LCS 460-122438/2-A	Lab Control Sample	T	Solid	3541	
MB 460-122438/1-A	Method Blank	T	Solid	3541	
460-42971-3	20120731SB-397V0-2N	T	Solid	3541	
460-42971-3MS	Matrix Spike	T	Solid	3541	
460-42971-3MSD	Matrix Spike Duplicate	T	Solid	3541	

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-122476					
LCS 460-122303/2-A	Lab Control Sample	T	Solid	8270C	460-122303
MB 460-122303/1-A	Method Blank	T	Solid	8270C	460-122303
460-42971-1	20120731SB-396V0-2N	T	Solid	8270C	460-122303
460-42971-2	20120731SB-396V6-7N	T	Solid	8270C	460-122303
460-42971-9	20120731SB-393V0-2N	T	Solid	8270C	460-122303
460-42971-11	20120731SB-392V0-2N	T	Solid	8270C	460-122303
460-42971-12	20120731SB-392V7-8N	T	Solid	8270C	460-122303
460-42971-13	20120731SB-387V0-2N	T	Solid	8270C	460-122303
460-42971-14	20120731SB-387V3-4N	T	Solid	8270C	460-122303
460-43010-F-2-C MS	Matrix Spike	T	Solid	8270C	460-122303
460-43010-F-2-D MSD	Matrix Spike Duplicate	T	Solid	8270C	460-122303
Analysis Batch:460-122921					
LCS 460-122438/2-A	Lab Control Sample	T	Solid	8270C	460-122438
MB 460-122438/1-A	Method Blank	T	Solid	8270C	460-122438
460-42971-3	20120731SB-397V0-2N	T	Solid	8270C	460-122438
460-42971-3MS	Matrix Spike	T	Solid	8270C	460-122438
460-42971-3MSD	Matrix Spike Duplicate	T	Solid	8270C	460-122438
Analysis Batch:460-123117					
460-42971-6	20120731SB-397V5-6N	T	Solid	8270C	460-122303
460-42971-7	20120731SB-394V0-2N	T	Solid	8270C	460-122303
460-42971-8	20120731SB-394V7-8N	T	Solid	8270C	460-122303
460-42971-10	20120731SB-393V7-8N	T	Solid	8270C	460-122303
460-42971-16DL	20120731FD	T	Solid	8270C	460-122303

Report Basis

T = Total

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-122228					
LCS 460-122228/2-A	Lab Control Sample	T	Solid	3541	
MB 460-122228/1-A	Method Blank	T	Solid	3541	
460-42971-1	20120731SB-396V0-2N	T	Solid	3541	
460-42971-2	20120731SB-396V6-7N	T	Solid	3541	
460-42971-3	20120731SB-397V0-2N	T	Solid	3541	
460-42971-3MS	Matrix Spike	T	Solid	3541	
460-42971-3MSD	Matrix Spike Duplicate	T	Solid	3541	
460-42971-6	20120731SB-397V5-6N	T	Solid	3541	
460-42971-7	20120731SB-394V0-2N	T	Solid	3541	
460-42971-8	20120731SB-394V7-8N	T	Solid	3541	
460-42971-9	20120731SB-393V0-2N	T	Solid	3541	
460-42971-10	20120731SB-393V7-8N	T	Solid	3541	
460-42971-11	20120731SB-392V0-2N	T	Solid	3541	
460-42971-12	20120731SB-392V7-8N	T	Solid	3541	
460-42971-13	20120731SB-387V0-2N	T	Solid	3541	
460-42971-14	20120731SB-387V3-4N	T	Solid	3541	
460-42971-16	20120731FD	T	Solid	3541	
Prep Batch: 460-122268					
LCS 460-122268/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-122268/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-122268/1-A	Method Blank	T	Water	3510C	
460-42971-15	20120731EB	T	Water	3510C	
Analysis Batch:460-123327					
LCS 460-122228/2-A	Lab Control Sample	T	Solid	8081A	460-122228
MB 460-122228/1-A	Method Blank	T	Solid	8081A	460-122228
460-42971-1	20120731SB-396V0-2N	T	Solid	8081A	460-122228
460-42971-2	20120731SB-396V6-7N	T	Solid	8081A	460-122228
460-42971-3	20120731SB-397V0-2N	T	Solid	8081A	460-122228
460-42971-3MS	Matrix Spike	T	Solid	8081A	460-122228
460-42971-3MSD	Matrix Spike Duplicate	T	Solid	8081A	460-122228
460-42971-6	20120731SB-397V5-6N	T	Solid	8081A	460-122228
460-42971-7	20120731SB-394V0-2N	T	Solid	8081A	460-122228
460-42971-8	20120731SB-394V7-8N	T	Solid	8081A	460-122228
460-42971-9	20120731SB-393V0-2N	T	Solid	8081A	460-122228
460-42971-10	20120731SB-393V7-8N	T	Solid	8081A	460-122228
460-42971-11	20120731SB-392V0-2N	T	Solid	8081A	460-122228
460-42971-12	20120731SB-392V7-8N	T	Solid	8081A	460-122228
460-42971-13	20120731SB-387V0-2N	T	Solid	8081A	460-122228
460-42971-14	20120731SB-387V3-4N	T	Solid	8081A	460-122228
Analysis Batch:460-123769					
460-42971-16	20120731FD	T	Solid	8081A	460-122228

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-123919					
LCS 460-122268/2-A	Lab Control Sample	T	Water	8081A	460-122268
LCSD 460-122268/3-A	Lab Control Sample Duplicate	T	Water	8081A	460-122268
MB 460-122268/1-A	Method Blank	T	Water	8081A	460-122268
460-42971-15	20120731EB	T	Water	8081A	460-122268

Report Basis

T = Total

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-122238					
LCSSRM 460-122238/2-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-122238/1-A ^2	Method Blank	T	Solid	3050B	
460-42971-1	20120731SB-396V0-2N	T	Solid	3050B	
460-42971-2	20120731SB-396V6-7N	T	Solid	3050B	
460-42971-3	20120731SB-397V0-2N	T	Solid	3050B	
460-42971-6	20120731SB-397V5-6N	T	Solid	3050B	
460-42971-7	20120731SB-394V0-2N	T	Solid	3050B	
460-42971-8	20120731SB-394V7-8N	T	Solid	3050B	
460-42971-9	20120731SB-393V0-2N	T	Solid	3050B	
460-42971-9DU	Duplicate	T	Solid	3050B	
460-42971-9MS	Matrix Spike	T	Solid	3050B	
460-42971-10	20120731SB-393V7-8N	T	Solid	3050B	
460-42971-11	20120731SB-392V0-2N	T	Solid	3050B	
460-42971-12	20120731SB-392V7-8N	T	Solid	3050B	
460-42971-13	20120731SB-387V0-2N	T	Solid	3050B	
460-42971-14	20120731SB-387V3-4N	T	Solid	3050B	
460-42971-16	20120731FD	T	Solid	3050B	
Prep Batch: 460-122307					
LCS 460-122307/2-A	Lab Control Sample	T	Water	7470A	
MB 460-122307/1-A	Method Blank	T	Water	7470A	
460-42963-B-4-B DU	Duplicate	T	Water	7470A	
460-42963-F-4-B MS	Matrix Spike	T	Water	7470A	
460-42971-15	20120731EB	T	Water	7470A	
Analysis Batch:460-122366					
LCS 460-122307/2-A	Lab Control Sample	T	Water	7470A	460-122307
MB 460-122307/1-A	Method Blank	T	Water	7470A	460-122307
460-42963-B-4-B DU	Duplicate	T	Water	7470A	460-122307
460-42963-F-4-B MS	Matrix Spike	T	Water	7470A	460-122307
460-42971-15	20120731EB	T	Water	7470A	460-122307
Prep Batch: 460-122369					
LCSSRM 460-122369/11-A	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-122369/10-A	Method Blank	T	Solid	7471A	
460-42964-E-40-E DU	Duplicate	T	Solid	7471A	
460-42964-E-40-F MS	Matrix Spike	T	Solid	7471A	
460-42971-16	20120731FD	T	Solid	7471A	
Analysis Batch:460-122410					
LCSSRM 460-122369/11-A	LCS-Certified Reference Material	T	Solid	7471A	460-122369
MB 460-122369/10-A	Method Blank	T	Solid	7471A	460-122369
460-42964-E-40-E DU	Duplicate	T	Solid	7471A	460-122369
460-42964-E-40-F MS	Matrix Spike	T	Solid	7471A	460-122369
460-42971-16	20120731FD	T	Solid	7471A	460-122369

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-122427					
LCS 460-122427/2-A	Lab Control Sample	T	Water	3010A	
MB 460-122427/1-A	Method Blank	T	Water	3010A	
460-42969-K-3-B DU	Duplicate	T	Water	3010A	
460-42969-K-3-C MS	Matrix Spike	T	Water	3010A	
460-42971-15	20120731EB	T	Water	3010A	
Analysis Batch:460-122452					
LCSSRM 460-122238/2-A	LCS-Certified Reference Material	T	Solid	6010B	460-122238
MB 460-122238/1-A ^2	Method Blank	T	Solid	6010B	460-122238
460-42971-1	20120731SB-396V0-2N	T	Solid	6010B	460-122238
460-42971-2	20120731SB-396V6-7N	T	Solid	6010B	460-122238
460-42971-3	20120731SB-397V0-2N	T	Solid	6010B	460-122238
460-42971-6	20120731SB-397V5-6N	T	Solid	6010B	460-122238
460-42971-7	20120731SB-394V0-2N	T	Solid	6010B	460-122238
460-42971-8	20120731SB-394V7-8N	T	Solid	6010B	460-122238
460-42971-9	20120731SB-393V0-2N	T	Solid	6010B	460-122238
460-42971-9DU	Duplicate	T	Solid	6010B	460-122238
460-42971-9MS	Matrix Spike	T	Solid	6010B	460-122238
460-42971-10	20120731SB-393V7-8N	T	Solid	6010B	460-122238
460-42971-11	20120731SB-392V0-2N	T	Solid	6010B	460-122238
460-42971-12	20120731SB-392V7-8N	T	Solid	6010B	460-122238
460-42971-13	20120731SB-387V0-2N	T	Solid	6010B	460-122238
460-42971-14	20120731SB-387V3-4N	T	Solid	6010B	460-122238
460-42971-16	20120731FD	T	Solid	6010B	460-122238
Analysis Batch:460-122544					
LCS 460-122427/2-A	Lab Control Sample	T	Water	6010B	460-122427
MB 460-122427/1-A	Method Blank	T	Water	6010B	460-122427
460-42969-K-3-B DU	Duplicate	T	Water	6010B	460-122427
460-42969-K-3-C MS	Matrix Spike	T	Water	6010B	460-122427
460-42971-15	20120731EB	T	Water	6010B	460-122427
Analysis Batch:460-122616					
460-42971-9	20120731SB-393V0-2N	T	Solid	6010B	460-122238
460-42971-9MS	Matrix Spike	T	Solid	6010B	460-122238
Prep Batch: 460-123228					
LCSSRM 460-123228/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-123228/1-A ^2	Method Blank	T	Solid	3050B	
460-42971-3	20120731SB-397V0-2N	T	Solid	3050B	
460-42971-3DU	Duplicate	T	Solid	3050B	
460-42971-3MS	Matrix Spike	T	Solid	3050B	

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-123339					
LCSSRM 460-123339/11-A	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-123339/10-A	Method Blank	T	Solid	7471A	
460-42971-1	20120731SB-396V0-2N	T	Solid	7471A	
460-42971-2	20120731SB-396V6-7N	T	Solid	7471A	
460-42971-3	20120731SB-397V0-2N	T	Solid	7471A	
460-42971-3DU	Duplicate	T	Solid	7471A	
460-42971-3MS	Matrix Spike	T	Solid	7471A	
460-42971-6	20120731SB-397V5-6N	T	Solid	7471A	
460-42971-7	20120731SB-394V0-2N	T	Solid	7471A	
460-42971-8	20120731SB-394V7-8N	T	Solid	7471A	
460-42971-9	20120731SB-393V0-2N	T	Solid	7471A	
460-42971-10	20120731SB-393V7-8N	T	Solid	7471A	
460-42971-11	20120731SB-392V0-2N	T	Solid	7471A	
460-42971-12	20120731SB-392V7-8N	T	Solid	7471A	
460-42971-13	20120731SB-387V0-2N	T	Solid	7471A	
460-42971-14	20120731SB-387V3-4N	T	Solid	7471A	
Analysis Batch:460-123377					
LCSSRM 460-123339/11-A	LCS-Certified Reference Material	T	Solid	7471A	460-123339
MB 460-123339/10-A	Method Blank	T	Solid	7471A	460-123339
460-42971-1	20120731SB-396V0-2N	T	Solid	7471A	460-123339
460-42971-2	20120731SB-396V6-7N	T	Solid	7471A	460-123339
460-42971-3	20120731SB-397V0-2N	T	Solid	7471A	460-123339
460-42971-3DU	Duplicate	T	Solid	7471A	460-123339
460-42971-3MS	Matrix Spike	T	Solid	7471A	460-123339
460-42971-6	20120731SB-397V5-6N	T	Solid	7471A	460-123339
460-42971-7	20120731SB-394V0-2N	T	Solid	7471A	460-123339
460-42971-8	20120731SB-394V7-8N	T	Solid	7471A	460-123339
460-42971-9	20120731SB-393V0-2N	T	Solid	7471A	460-123339
460-42971-10	20120731SB-393V7-8N	T	Solid	7471A	460-123339
460-42971-11	20120731SB-392V0-2N	T	Solid	7471A	460-123339
460-42971-12	20120731SB-392V7-8N	T	Solid	7471A	460-123339
460-42971-13	20120731SB-387V0-2N	T	Solid	7471A	460-123339
460-42971-14	20120731SB-387V3-4N	T	Solid	7471A	460-123339
Analysis Batch:460-123407					
LCSSRM 460-123228/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-123228
MB 460-123228/1-A ^2	Method Blank	T	Solid	6010B	460-123228
460-42971-3	20120731SB-397V0-2N	T	Solid	6010B	460-123228
460-42971-3DU	Duplicate	T	Solid	6010B	460-123228
460-42971-3MS	Matrix Spike	T	Solid	6010B	460-123228

Client: URS Corporation

Job Number: 460-42971-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-123507					
460-42971-3	20120731SB-397V0-2N	T	Solid	6010B	460-123228
460-42971-3DU	Duplicate	T	Solid	6010B	460-123228
460-42971-3MS	Matrix Spike	T	Solid	6010B	460-123228

Report Basis
T = Total

General Chemistry					
Analysis Batch:460-122255					
460-42910-E-3 DU	Duplicate	T	Solid	Moisture	
460-42971-1	20120731SB-396V0-2N	T	Solid	Moisture	
460-42971-2	20120731SB-396V6-7N	T	Solid	Moisture	
460-42971-3	20120731SB-397V0-2N	T	Solid	Moisture	
460-42971-8	20120731SB-394V7-8N	T	Solid	Moisture	
Analysis Batch:460-122271					
460-42968-A-22 DU	Duplicate	T	Solid	Moisture	
460-42971-6	20120731SB-397V5-6N	T	Solid	Moisture	
460-42971-7	20120731SB-394V0-2N	T	Solid	Moisture	
460-42971-9	20120731SB-393V0-2N	T	Solid	Moisture	
460-42971-10	20120731SB-393V7-8N	T	Solid	Moisture	
460-42971-11	20120731SB-392V0-2N	T	Solid	Moisture	
460-42971-12	20120731SB-392V7-8N	T	Solid	Moisture	
460-42971-13	20120731SB-387V0-2N	T	Solid	Moisture	
460-42971-14	20120731SB-387V3-4N	T	Solid	Moisture	
460-42971-16	20120731FD	T	Solid	Moisture	

Report Basis
T = Total

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Chronicle

Lab ID: **460-42971-1** **Client ID:** **20120731SB-396V0-2N**

Sample Date/Time: 07/31/2012 09:10 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-1-A		460-123838	460-122188	08/01/2012 17:27	1	TAL EDI	FJ
A:8260B	460-42971-D-1-A		460-123838	460-122188	08/13/2012 21:46	1	TAL EDI	EM
P:3541	460-42971-E-1-C		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-1-C		460-122476	460-122303	08/03/2012 08:03	1	TAL EDI	MC
P:3541	460-42971-E-1-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-1-A		460-123327	460-122228	08/06/2012 14:35	1	TAL EDI	HP
P:3050B	460-42971-E-1-B ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-1-B ^4		460-122452	460-122238	08/02/2012 18:59	4	TAL EDI	YH
P:7471A	460-42971-E-1-D		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-1-D		460-123377	460-123339	08/09/2012 19:26	1	TAL EDI	TS
A:Moisture	460-42971-A-1		460-122255		08/02/2012 09:17	1	TAL EDI	RC

Lab ID: **460-42971-2** **Client ID:** **20120731SB-396V6-7N**

Sample Date/Time: 07/31/2012 09:05 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-C-2-A		460-122835	460-122188	08/01/2012 17:28	1	TAL EDI	FJ
A:8260B	460-42971-C-2-A		460-122835	460-122188	08/07/2012 02:36	1	TAL EDI	KB
P:3541	460-42971-E-2-C		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-2-C		460-122476	460-122303	08/03/2012 04:23	1	TAL EDI	MC
P:3541	460-42971-E-2-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-2-A		460-123327	460-122228	08/06/2012 14:49	1	TAL EDI	HP
P:3050B	460-42971-E-2-B ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-2-B ^4		460-122452	460-122238	08/02/2012 19:03	4	TAL EDI	YH
P:7471A	460-42971-E-2-D		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-2-D		460-123377	460-123339	08/09/2012 19:33	1	TAL EDI	TS
A:Moisture	460-42971-A-2		460-122255		08/02/2012 09:17	1	TAL EDI	RC

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Chronicle

Lab ID: **460-42971-3** **Client ID:** **20120731SB-397V0-2N**

Sample Date/Time: 07/31/2012 09:25 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-C-3-A		460-123371	460-122188	08/01/2012 17:29	1	TAL EDI	FJ
A:8260B	460-42971-C-3-A		460-123371	460-122188	08/10/2012 04:50	1	TAL EDI	EM
P:3541	460-42971-E-3-F		460-122921	460-122438	08/03/2012 08:49	1	TAL EDI	hp
A:8270C	460-42971-E-3-F		460-122921	460-122438	08/06/2012 21:28	1	TAL EDI	AAA
P:3541	460-42971-E-3-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-3-A		460-123327	460-122228	08/06/2012 15:03	1	TAL EDI	HP
P:3050B	460-42971-E-3-B ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-3-B ^4		460-122452	460-122238	08/02/2012 19:06	4	TAL EDI	YH
P:3050B	460-42971-E-3-B ^40		460-122452	460-122238	08/02/2012 08:06	40	TAL EDI	MC
A:6010B	460-42971-E-3-B ^40		460-122452	460-122238	08/02/2012 21:09	40	TAL EDI	YH
P:7471A	460-42971-E-3-L		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-3-L		460-123377	460-123339	08/09/2012 19:12	1	TAL EDI	TS
A:Moisture	460-42971-A-3		460-122255		08/02/2012 09:17	1	TAL EDI	RC

Lab ID: **460-42971-3** **Client ID:** **20120731SB-397V0-2N**

Sample Date/Time: 07/31/2012 09:25 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-3-C MS		460-123432	460-122188	08/01/2012 17:30	1	TAL EDI	FJ
A:8260B	460-42971-D-3-C MS		460-123432	460-122188	08/10/2012 15:04	1	TAL EDI	SD
P:3541	460-42971-E-3-D MS		460-122921	460-122438	08/03/2012 08:49	1	TAL EDI	hp
A:8270C	460-42971-E-3-D MS		460-122921	460-122438	08/06/2012 21:48	1	TAL EDI	AAA
P:3541	460-42971-E-3-G MS		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-3-G MS		460-123327	460-122228	08/06/2012 13:12	1	TAL EDI	HP
P:3050B	460-42971-E-3-K MS ^4		460-123407	460-123228	08/09/2012 08:13	4	TAL EDI	MC
A:6010B	460-42971-E-3-K MS ^4		460-123407	460-123228	08/09/2012 20:29	4	TAL EDI	CDC
P:3050B	460-42971-E-3-K MS ^20		460-123507	460-123228	08/09/2012 08:13	20	TAL EDI	MC
A:6010B	460-42971-E-3-K MS ^20		460-123507	460-123228	08/10/2012 12:25	20	TAL EDI	CDC
P:7471A	460-42971-D-3-B MS		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-D-3-B MS		460-123377	460-123339	08/09/2012 19:15	1	TAL EDI	TS

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Chronicle

Lab ID: **460-42971-3** **Client ID:** **20120731SB-397V0-2N**

Sample Date/Time: 07/31/2012 09:25 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-C-3-C MSD		460-123432	460-122188	08/01/2012 17:30	1	TAL EDI	FJ
A:8260B	460-42971-C-3-C MSD		460-123432	460-122188	08/10/2012 14:36	1	TAL EDI	SD
P:3541	460-42971-E-3-E MSD		460-122921	460-122438	08/03/2012 08:49	1	TAL EDI	hp
A:8270C	460-42971-E-3-E MSD		460-122921	460-122438	08/06/2012 22:08	1	TAL EDI	AAA
P:3541	460-42971-E-3-H MSD		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-3-H MSD		460-123327	460-122228	08/06/2012 13:26	1	TAL EDI	HP

Lab ID: **460-42971-3** **Client ID:** **20120731SB-397V0-2N**

Sample Date/Time: 07/31/2012 09:25 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-42971-E-3-J DU ^4		460-123407	460-123228	08/09/2012 08:13	4	TAL EDI	MC
A:6010B	460-42971-E-3-J DU ^4		460-123407	460-123228	08/09/2012 20:18	4	TAL EDI	CDC
P:3050B	460-42971-E-3-J DU ^20		460-123507	460-123228	08/09/2012 08:13	20	TAL EDI	MC
A:6010B	460-42971-E-3-J DU ^20		460-123507	460-123228	08/10/2012 12:07	20	TAL EDI	CDC
P:7471A	460-42971-A-3-A DU		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-A-3-A DU		460-123377	460-123339	08/09/2012 19:13	1	TAL EDI	TS

Client: URS Corporation

Job Number: 460-42971-1

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Lab ID: **460-42971-3 SD** **Client ID:** **20120731SB-397V0-2N**

Sample Date/Time: 07/31/2012 09:25 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-42971-E-3-I SD ^20		460-123407	460-123228	08/09/2012 08:13	20	TAL EDI	MC
A:6010B	460-42971-E-3-I SD ^20		460-123407	460-123228	08/09/2012 20:26	20	TAL EDI	CDC
P:3050B	460-42971-E-3-I PDS ^4		460-123407	460-123228	08/09/2012 08:13	4	TAL EDI	MC
A:6010B	460-42971-E-3-I PDS ^4		460-123407	460-123228	08/09/2012 20:33	4	TAL EDI	CDC
P:3050B	460-42971-E-3-I SD ^100		460-123507	460-123228	08/09/2012 08:13	100	TAL EDI	MC
A:6010B	460-42971-E-3-I SD ^100		460-123507	460-123228	08/10/2012 12:14	100	TAL EDI	CDC
P:3050B	460-42971-E-3-I PDS ^20		460-123507	460-123228	08/09/2012 08:13	20	TAL EDI	MC
A:6010B	460-42971-E-3-I PDS ^20		460-123507	460-123228	08/10/2012 12:29	20	TAL EDI	CDC
P:7471A	460-42971-E-3-L SD ^5		460-123377	460-123339	08/09/2012 16:28	5	TAL EDI	TS
A:7471A	460-42971-E-3-L SD ^5		460-123377	460-123339	08/09/2012 20:17	5	TAL EDI	TS

Lab ID: **460-42971-6** **Client ID:** **20120731SB-397V5-6N**

Sample Date/Time: 07/31/2012 09:35 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-B-6-A		460-123251	460-122182	08/01/2012 16:44	100	TAL EDI	FJ
A:8260B	460-42971-B-6-A		460-123251	460-122182	08/09/2012 15:08	100	TAL EDI	SD
P:3541	460-42971-E-6-C		460-123117	460-122303	08/02/2012 12:50	5	TAL EDI	cm
A:8270C	460-42971-E-6-C		460-123117	460-122303	08/08/2012 00:51	5	TAL EDI	CZ
P:3541	460-42971-E-6-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-6-A		460-123327	460-122228	08/06/2012 15:47	1	TAL EDI	HP
P:3050B	460-42971-E-6-B ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-6-B ^4		460-122452	460-122238	08/02/2012 19:24	4	TAL EDI	YH
P:3050B	460-42971-E-6-B ^10		460-122452	460-122238	08/02/2012 08:06	10	TAL EDI	MC
A:6010B	460-42971-E-6-B ^10		460-122452	460-122238	08/02/2012 21:19	10	TAL EDI	YH
P:7471A	460-42971-E-6-D ^10		460-123377	460-123339	08/09/2012 16:28	10	TAL EDI	TS
A:7471A	460-42971-E-6-D ^10		460-123377	460-123339	08/09/2012 20:09	10	TAL EDI	TS
A:Moisture	460-42971-A-6		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Client: URS Corporation

Job Number: 460-42971-1

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Lab ID: **460-42971-7** **Client ID:** **20120731SB-394V0-2N**

Sample Date/Time: 07/31/2012 10:05 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-7-A		460-123008	460-122188	08/01/2012 17:32	1	TAL EDI	FJ
A:8260B	460-42971-D-7-A		460-123008	460-122188	08/08/2012 01:06	1	TAL EDI	EM
P:3541	460-42971-E-7-C		460-123117	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-7-C		460-123117	460-122303	08/07/2012 23:45	1	TAL EDI	CZ
P:3541	460-42971-E-7-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-7-A		460-123327	460-122228	08/06/2012 16:01	1	TAL EDI	HP
P:3050B	460-42971-E-7-B ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-7-B ^4		460-122452	460-122238	08/02/2012 19:28	4	TAL EDI	YH
P:7471A	460-42971-E-7-D ^30		460-123377	460-123339	08/09/2012 16:28	30	TAL EDI	TS
A:7471A	460-42971-E-7-D ^30		460-123377	460-123339	08/09/2012 20:11	30	TAL EDI	TS
A:Moisture	460-42971-A-7		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Lab ID: **460-42971-8** **Client ID:** **20120731SB-394V7-8N**

Sample Date/Time: 07/31/2012 10:10 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-C-8-A		460-123371	460-122188	08/01/2012 17:33	1	TAL EDI	FJ
A:8260B	460-42971-C-8-A		460-123371	460-122188	08/10/2012 05:15	1	TAL EDI	EM
P:3541	460-42971-E-8-C		460-123117	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-8-C		460-123117	460-122303	08/07/2012 23:23	1	TAL EDI	CZ
P:3541	460-42971-E-8-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-8-A		460-123327	460-122228	08/06/2012 16:15	1	TAL EDI	HP
P:3050B	460-42971-E-8-B ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-8-B ^4		460-122452	460-122238	08/02/2012 19:31	4	TAL EDI	YH
P:3050B	460-42971-E-8-B ^100		460-122452	460-122238	08/02/2012 08:06	100	TAL EDI	MC
A:6010B	460-42971-E-8-B ^100		460-122452	460-122238	08/02/2012 21:37	100	TAL EDI	YH
P:7471A	460-42971-E-8-D ^2		460-123377	460-123339	08/09/2012 16:28	2	TAL EDI	TS
A:7471A	460-42971-E-8-D ^2		460-123377	460-123339	08/09/2012 20:13	2	TAL EDI	TS
A:Moisture	460-42971-A-8		460-122255		08/02/2012 09:17	1	TAL EDI	RC

Lab ID: **460-42971-B-8-A MS MS** **Client ID:**

Sample Date/Time: 07/31/2012 10:10 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-B-8-A MS		460-123251	460-122182	08/01/2012 16:45	100	TAL EDI	FJ
A:8260B	460-42971-B-8-A MS		460-123251	460-122182	08/09/2012 13:33	100	TAL EDI	SD

Client: URS Corporation

Job Number: 460-42971-1

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Lab ID: **460-42971-B-8-A MSD** **Client ID:**

Sample Date/Time: 07/31/2012 10:10 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-B-8-A MSD		460-123251	460-122182	08/01/2012 16:45	100	TAL EDI	FJ
A:8260B	460-42971-B-8-A MSD		460-123251	460-122182	08/09/2012 13:57	100	TAL EDI	SD

Lab ID: **460-42971-9** **Client ID:** **20120731SB-393V0-2N**

Sample Date/Time: 07/31/2012 10:35 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-9-A		460-123008	460-122188	08/01/2012 17:34	1	TAL EDI	FJ
A:8260B	460-42971-D-9-A		460-123008	460-122188	08/08/2012 01:31	1	TAL EDI	EM
P:3541	460-42971-E-9-F		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-9-F		460-122476	460-122303	08/03/2012 07:14	1	TAL EDI	MC
P:3541	460-42971-E-9-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-9-A		460-123327	460-122228	08/06/2012 16:29	1	TAL EDI	HP
P:3050B	460-42971-E-9-C ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-9-C ^4		460-122452	460-122238	08/02/2012 18:45	4	TAL EDI	YH
P:7471A	460-42971-E-9-G		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-9-G		460-123377	460-123339	08/09/2012 20:15	1	TAL EDI	TS
A:Moisture	460-42971-A-9		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Lab ID: **460-42971-9 MS** **Client ID:** **20120731SB-393V0-2N**

Sample Date/Time: 07/31/2012 10:35 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-42971-E-9-E MS		460-122616	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-9-E MS		460-122616	460-122238	08/04/2012 03:54	4	TAL EDI	YH

Lab ID: **460-42971-9 DU** **Client ID:** **20120731SB-393V0-2N**

Sample Date/Time: 07/31/2012 10:35 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-42971-E-9-D DU ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-9-D DU ^4		460-122452	460-122238	08/02/2012 18:42	4	TAL EDI	YH

Client: URS Corporation

Job Number: 460-42971-1

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Lab ID: **460-42971-9 SD** **Client ID:** **20120731SB-393V0-2N**

Sample Date/Time: 07/31/2012 10:35 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-42971-E-9-C SD ^2		460-122452	460-122238	08/02/2012 08:06	20	TAL EDI	MC
A:6010B	460-42971-E-9-C SD ^2		460-122452	460-122238	08/02/2012 18:49	20	TAL EDI	YH
P:3050B	460-42971-E-9-C PDS		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-9-C PDS		460-122452	460-122238	08/02/2012 18:56	4	TAL EDI	YH
P:3050B	460-42971-E-9-C SD ^2		460-122616	460-122238	08/02/2012 08:06	20	TAL EDI	MC
A:6010B	460-42971-E-9-C SD ^2		460-122616	460-122238	08/04/2012 03:51	20	TAL EDI	YH

Lab ID: **460-42971-10** **Client ID:** **20120731SB-393V7-8N**

Sample Date/Time: 07/31/2012 10:40 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-10-A		460-123008	460-122188	08/01/2012 17:35	1	TAL EDI	FJ
A:8260B	460-42971-D-10-A		460-123008	460-122188	08/08/2012 01:56	1	TAL EDI	EM
P:3541	460-42971-E-10-D		460-123117	460-122303	08/02/2012 12:50	2	TAL EDI	cm
A:8270C	460-42971-E-10-D		460-123117	460-122303	08/08/2012 01:36	2	TAL EDI	CZ
P:3541	460-42971-E-10-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-10-A		460-123327	460-122228	08/06/2012 16:43	1	TAL EDI	HP
P:3050B	460-42971-E-10-C ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-10-C ^4		460-122452	460-122238	08/02/2012 19:35	4	TAL EDI	YH
P:7471A	460-42971-E-10-E		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-10-E		460-123377	460-123339	08/09/2012 19:44	1	TAL EDI	TS
A:Moisture	460-42971-A-10		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Lab ID: **460-42971-11** **Client ID:** **20120731SB-392V0-2N**

Sample Date/Time: 07/31/2012 11:00 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-11-A		460-123008	460-122188	08/01/2012 17:36	1	TAL EDI	FJ
A:8260B	460-42971-D-11-A		460-123008	460-122188	08/08/2012 02:21	1	TAL EDI	EM
P:3541	460-42971-E-11-D		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-11-D		460-122476	460-122303	08/03/2012 07:39	1	TAL EDI	MC
P:3541	460-42971-E-11-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-11-A		460-123327	460-122228	08/06/2012 16:57	1	TAL EDI	HP
P:3050B	460-42971-E-11-C ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-11-C ^4		460-122452	460-122238	08/02/2012 19:38	4	TAL EDI	YH
P:7471A	460-42971-E-11-E		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-11-E		460-123377	460-123339	08/09/2012 19:46	1	TAL EDI	TS
A:Moisture	460-42971-A-11		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Client: URS Corporation

Job Number: 460-42971-1

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Lab ID: **460-42971-12** **Client ID:** **20120731SB-392V7-8N**

Sample Date/Time: 07/31/2012 11:05 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-12-A		460-123008	460-122188	08/01/2012 17:37	1	TAL EDI	FJ
A:8260B	460-42971-D-12-A		460-123008	460-122188	08/08/2012 02:45	1	TAL EDI	EM
P:3541	460-42971-E-12-D		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-12-D		460-122476	460-122303	08/03/2012 05:11	1	TAL EDI	MC
P:3541	460-42971-E-12-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-12-A		460-123327	460-122228	08/06/2012 17:10	1	TAL EDI	HP
P:3050B	460-42971-E-12-C ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-12-C ^4		460-122452	460-122238	08/02/2012 19:42	4	TAL EDI	YH
P:7471A	460-42971-E-12-E		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-12-E		460-123377	460-123339	08/09/2012 19:48	1	TAL EDI	TS
A:Moisture	460-42971-A-12		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Lab ID: **460-42971-13** **Client ID:** **20120731SB-387V0-2N**

Sample Date/Time: 07/31/2012 12:30 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-13-A		460-123008	460-122188	08/01/2012 17:37	1	TAL EDI	FJ
A:8260B	460-42971-D-13-A		460-123008	460-122188	08/08/2012 03:10	1	TAL EDI	EM
P:3541	460-42971-E-13-D		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-13-D		460-122476	460-122303	08/03/2012 06:50	1	TAL EDI	MC
P:3541	460-42971-E-13-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-13-A		460-123327	460-122228	08/06/2012 17:25	1	TAL EDI	HP
P:3050B	460-42971-E-13-C ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-13-C ^4		460-122452	460-122238	08/02/2012 19:46	4	TAL EDI	YH
P:3050B	460-42971-E-13-C ^40		460-122452	460-122238	08/02/2012 08:06	40	TAL EDI	MC
A:6010B	460-42971-E-13-C ^40		460-122452	460-122238	08/02/2012 21:41	40	TAL EDI	YH
P:7471A	460-42971-E-13-E		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-13-E		460-123377	460-123339	08/09/2012 19:49	1	TAL EDI	TS
A:Moisture	460-42971-A-13		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Client: URS Corporation

Job Number: 460-42971-1

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Lab ID: **460-42971-14** **Client ID:** **20120731SB-387V3-4N**

Sample Date/Time: 07/31/2012 12:35 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-D-14-A		460-123008	460-122188	08/01/2012 17:38	1	TAL EDI	FJ
A:8260B	460-42971-D-14-A		460-123008	460-122188	08/08/2012 03:35	1	TAL EDI	EM
P:3541	460-42971-E-14-D		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-42971-E-14-D		460-122476	460-122303	08/03/2012 04:47	1	TAL EDI	MC
P:3541	460-42971-E-14-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	460-42971-E-14-A		460-123327	460-122228	08/06/2012 17:38	1	TAL EDI	HP
P:3050B	460-42971-E-14-C ^4		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	460-42971-E-14-C ^4		460-122452	460-122238	08/02/2012 19:49	4	TAL EDI	YH
P:3050B	460-42971-E-14-C ^40		460-122452	460-122238	08/02/2012 08:06	40	TAL EDI	MC
A:6010B	460-42971-E-14-C ^40		460-122452	460-122238	08/02/2012 21:45	40	TAL EDI	YH
P:7471A	460-42971-E-14-E		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	460-42971-E-14-E		460-123377	460-123339	08/09/2012 19:51	1	TAL EDI	TS
A:Moisture	460-42971-A-14		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Lab ID: **460-42971-15** **Client ID:** **20120731EB**

Sample Date/Time: 07/31/2012 14:00 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-42971-A-15		460-122264		08/02/2012 16:45	1	TAL EDI	SD
A:8260B	460-42971-A-15		460-122264		08/02/2012 16:45	1	TAL EDI	SD
P:3510C	460-42971-G-15-A		460-122357	460-122162	08/01/2012 14:33	1	TAL EDI	KVR
A:8270C	460-42971-G-15-A		460-122357	460-122162	08/02/2012 20:54	1	TAL EDI	MS
P:3510C	460-42971-F-15-A		460-123919	460-122268	08/02/2012 10:03	1	TAL EDI	HW
A:8081A	460-42971-F-15-A		460-123919	460-122268	08/13/2012 15:58	1	TAL EDI	FM
P:3010A	460-42971-C-15-D		460-122544	460-122427	08/03/2012 07:52	1	TAL EDI	QY
A:6010B	460-42971-C-15-D		460-122544	460-122427	08/03/2012 13:30	1	TAL EDI	YH
P:7470A	460-42971-C-15-B		460-122366	460-122307	08/02/2012 11:00	1	TAL EDI	RBS
A:7470A	460-42971-C-15-B		460-122366	460-122307	08/02/2012 14:25	1	TAL EDI	RBS

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Chronicle

Lab ID: **460-42971-16** **Client ID:** **20120731FD**

Sample Date/Time: 07/31/2012 00:00 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-42971-B-16-A		460-123251	460-122182	08/01/2012 16:48	100	TAL EDI	FJ
A:8260B	460-42971-B-16-A		460-123251	460-122182	08/09/2012 15:31	100	TAL EDI	SD
P:3541	460-42971-E-16-D	DL	460-123117	460-122303	08/02/2012 12:50	20	TAL EDI	cm
A:8270C	460-42971-E-16-D	DL	460-123117	460-122303	08/08/2012 01:14	20	TAL EDI	CZ
P:3541	460-42971-E-16-A		460-123769	460-122228	08/02/2012 07:13	10	TAL EDI	ARA
A:8081A	460-42971-E-16-A		460-123769	460-122228	08/13/2012 09:55	10	TAL EDI	FM
P:3050B	460-42971-E-16-C ^20		460-122452	460-122238	08/02/2012 08:06	20	TAL EDI	MC
A:6010B	460-42971-E-16-C ^20		460-122452	460-122238	08/02/2012 21:48	20	TAL EDI	YH
P:7471A	460-42971-A-16-A ^10		460-122410	460-122369	08/02/2012 17:30	10	TAL EDI	TS
A:7471A	460-42971-A-16-A ^10		460-122410	460-122369	08/02/2012 22:52	10	TAL EDI	TS
A:Moisture	460-42971-A-16		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Lab ID: **460-42971-17** **Client ID:** **20120731TB**

Sample Date/Time: 07/31/2012 00:00 Received Date/Time: 07/31/2012 19:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-42971-A-17		460-122264		08/02/2012 16:21	1	TAL EDI	SD
A:8260B	460-42971-A-17		460-122264		08/02/2012 16:21	1	TAL EDI	SD

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Chronicle

Lab ID: **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-122264/4		460-122264		08/02/2012 10:20	1	TAL EDI	SD
A:8260B	MB 460-122264/4		460-122264		08/02/2012 10:20	1	TAL EDI	SD
A:8260B	MB 460-122620/21		460-122620		08/03/2012 22:22	1	TAL EDI	AT
A:8260B	MB 460-122835/6		460-122835		08/06/2012 23:44	1	TAL EDI	KB
A:8260B	MB 460-123008/16		460-123008		08/07/2012 21:07	1	TAL EDI	EM
A:8260B	MB 460-123251/4		460-123251		08/09/2012 11:38	50	TAL EDI	SD
A:8260B	MB 460-123371/5		460-123371		08/09/2012 22:24	1	TAL EDI	EM
A:8260B	MB 460-123432/5		460-123432		08/10/2012 09:47	1	TAL EDI	SD
A:8260B	MB 460-123838/5		460-123838		08/13/2012 21:14	1	TAL EDI	EM
P:3510C	MB 460-122162/1-A		460-122318	460-122162	08/01/2012 14:33	1	TAL EDI	KVR
A:8270C	MB 460-122162/1-A		460-122318	460-122162	08/02/2012 03:42	1	TAL EDI	MS
P:3541	MB 460-122303/1-A		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	MB 460-122303/1-A		460-122476	460-122303	08/03/2012 03:58	1	TAL EDI	MC
P:3541	MB 460-122438/1-A		460-122921	460-122438	08/03/2012 08:49	1	TAL EDI	hp
A:8270C	MB 460-122438/1-A		460-122921	460-122438	08/06/2012 14:25	1	TAL EDI	AAA
P:3541	MB 460-122228/1-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	MB 460-122228/1-A		460-123327	460-122228	08/06/2012 18:06	1	TAL EDI	HP
P:3510C	MB 460-122268/1-A		460-123919	460-122268	08/02/2012 10:03	1	TAL EDI	HW
A:8081A	MB 460-122268/1-A		460-123919	460-122268	08/13/2012 18:02	1	TAL EDI	FM
P:3050B	MB 460-122238/1-A ^2		460-122452	460-122238	08/02/2012 08:06	2	TAL EDI	MC
A:6010B	MB 460-122238/1-A ^2		460-122452	460-122238	08/02/2012 18:27	2	TAL EDI	YH
P:3010A	MB 460-122427/1-A		460-122544	460-122427	08/03/2012 07:52	1	TAL EDI	QY
A:6010B	MB 460-122427/1-A		460-122544	460-122427	08/03/2012 12:13	1	TAL EDI	YH
P:3050B	MB 460-123228/1-A ^2		460-123407	460-123228	08/09/2012 08:13	2	TAL EDI	MC
A:6010B	MB 460-123228/1-A ^2		460-123407	460-123228	08/09/2012 20:15	2	TAL EDI	CDC
P:7470A	MB 460-122307/1-A		460-122366	460-122307	08/02/2012 11:00	1	TAL EDI	RBS
A:7470A	MB 460-122307/1-A		460-122366	460-122307	08/02/2012 13:57	1	TAL EDI	RBS
P:7471A	MB 460-122369/10-A		460-122410	460-122369	08/02/2012 17:30	1	TAL EDI	TS
A:7471A	MB 460-122369/10-A		460-122410	460-122369	08/02/2012 21:55	1	TAL EDI	TS
P:7471A	MB 460-123339/10-A		460-123377	460-123339	08/09/2012 16:28	1	TAL EDI	TS
A:7471A	MB 460-123339/10-A		460-123377	460-123339	08/09/2012 19:08	1	TAL EDI	TS

Lab ID: **LB3** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	LB3 460-122188/1-A		460-122620	460-122188	08/01/2012 17:26	1	TAL EDI	FJ
A:8260B	LB3 460-122188/1-A		460-122620	460-122188	08/03/2012 21:57	1	TAL EDI	AT

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Chronicle

Lab ID: **LCS** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-122264/3		460-122264		08/02/2012 09:05	1	TAL EDI	SD
A:8260B	LCS 460-122264/3		460-122264		08/02/2012 09:05	1	TAL EDI	SD
A:8260B	LCS 460-122620/17		460-122620		08/03/2012 19:27	1	TAL EDI	AT
A:8260B	LCS 460-122835/3		460-122835		08/06/2012 21:21	1	TAL EDI	KB
A:8260B	LCS 460-123008/3		460-123008		08/07/2012 19:09	1	TAL EDI	EM
A:8260B	LCS 460-123251/3		460-123251		08/09/2012 10:21	50	TAL EDI	SD
A:8260B	LCS 460-123371/3		460-123371		08/09/2012 19:58	1	TAL EDI	EM
A:8260B	LCS 460-123432/3		460-123432		08/10/2012 08:26	1	TAL EDI	SD
A:8260B	LCS 460-123838/3		460-123838		08/13/2012 18:46	1	TAL EDI	EM
P:3510C	LCS 460-122162/2-A		460-122318	460-122162	08/01/2012 14:33	1	TAL EDI	KVR
A:8270C	LCS 460-122162/2-A		460-122318	460-122162	08/02/2012 02:53	1	TAL EDI	MS
P:3541	LCS 460-122303/2-A		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	LCS 460-122303/2-A		460-122476	460-122303	08/03/2012 03:34	1	TAL EDI	MC
P:3541	LCS 460-122438/2-A		460-122921	460-122438	08/03/2012 08:49	1	TAL EDI	hp
A:8270C	LCS 460-122438/2-A		460-122921	460-122438	08/06/2012 14:46	1	TAL EDI	AAA
P:3541	LCS 460-122228/2-A		460-123327	460-122228	08/02/2012 07:13	1	TAL EDI	ARA
A:8081A	LCS 460-122228/2-A		460-123327	460-122228	08/06/2012 12:58	1	TAL EDI	HP
P:3510C	LCS 460-122268/2-A		460-123919	460-122268	08/02/2012 10:03	1	TAL EDI	HW
A:8081A	LCS 460-122268/2-A		460-123919	460-122268	08/13/2012 15:29	1	TAL EDI	FM
P:3010A	LCS 460-122427/2-A		460-122544	460-122427	08/03/2012 07:52	1	TAL EDI	QY
A:6010B	LCS 460-122427/2-A		460-122544	460-122427	08/03/2012 12:17	1	TAL EDI	YH
P:7470A	LCS 460-122307/2-A		460-122366	460-122307	08/02/2012 11:00	1	TAL EDI	RBS
A:7470A	LCS 460-122307/2-A		460-122366	460-122307	08/02/2012 13:59	1	TAL EDI	RBS

Lab ID: **LCSD** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-122620/18		460-122620		08/03/2012 19:52	1	TAL EDI	AT
A:8260B	LCSD 460-122835/4		460-122835		08/06/2012 21:43	1	TAL EDI	KB
A:8260B	LCSD 460-123008/4		460-123008		08/07/2012 19:34	1	TAL EDI	EM
A:8260B	LCSD 460-123371/4		460-123371		08/09/2012 20:23	1	TAL EDI	EM
A:8260B	LCSD 460-123838/4		460-123838		08/13/2012 19:11	1	TAL EDI	EM
P:3510C	LCSD 460-122162/3-A		460-122318	460-122162	08/01/2012 14:33	1	TAL EDI	KVR
A:8270C	LCSD 460-122162/3-A		460-122318	460-122162	08/02/2012 03:18	1	TAL EDI	MS
P:3510C	LCSD 460-122268/3-A		460-123919	460-122268	08/02/2012 10:03	1	TAL EDI	HW
A:8081A	LCSD 460-122268/3-A		460-123919	460-122268	08/13/2012 15:43	1	TAL EDI	FM

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Chronicle

Lab ID: **LCSSRM** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSSRM 460-122238/2-A		460-122452	460-122238	08/02/2012 08:06	4	TAL EDI	MC
A:6010B	LCSSRM 460-122238/2-A		460-122452	460-122238	08/02/2012 18:38	4	TAL EDI	YH
P:3050B	LCSSRM 460-123228/2-A ^4		460-123407	460-123228	08/09/2012 08:13	4	TAL EDI	MC
A:6010B	LCSSRM 460-123228/2-A ^4		460-123407	460-123228	08/09/2012 20:04	4	TAL EDI	CDC
P:7471A	LCSSRM 460-122369/11-A ^40		460-122410	460-122369	08/02/2012 17:30	40	TAL EDI	TS
A:7471A	LCSSRM 460-122369/11-A ^40		460-122410	460-122369	08/02/2012 21:58	40	TAL EDI	TS
P:7471A	LCSSRM 460-123339/11-A ^40		460-123377	460-123339	08/09/2012 16:28	40	TAL EDI	TS
A:7471A	LCSSRM 460-123339/11-A ^40		460-123377	460-123339	08/09/2012 19:10	40	TAL EDI	TS

Lab ID: **MS** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-42904-B-4 MS		460-122264		08/02/2012 14:23	5	TAL EDI	SD
A:8260B	460-42904-B-4 MS		460-122264		08/02/2012 14:23	5	TAL EDI	SD
P:3541	460-43010-F-2-C MS		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-43010-F-2-C MS		460-122476	460-122303	08/03/2012 10:38	1	TAL EDI	MC
P:3010A	460-42969-K-3-C MS		460-122544	460-122427	08/03/2012 07:52	1	TAL EDI	QY
A:6010B	460-42969-K-3-C MS		460-122544	460-122427	08/03/2012 12:31	1	TAL EDI	YH
P:7470A	460-42963-F-4-B MS		460-122366	460-122307	08/02/2012 11:00	1	TAL EDI	RBS
A:7470A	460-42963-F-4-B MS		460-122366	460-122307	08/02/2012 14:05	1	TAL EDI	RBS
P:7471A	460-42964-E-40-F MS		460-122410	460-122369	08/02/2012 17:30	1	TAL EDI	TS
A:7471A	460-42964-E-40-F MS		460-122410	460-122369	08/02/2012 22:03	1	TAL EDI	TS

Lab ID: **MSD** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-42904-B-4 MSD		460-122264		08/02/2012 14:46	5	TAL EDI	SD
A:8260B	460-42904-B-4 MSD		460-122264		08/02/2012 14:46	5	TAL EDI	SD
P:3541	460-43010-F-2-D MSD		460-122476	460-122303	08/02/2012 12:50	1	TAL EDI	cm
A:8270C	460-43010-F-2-D MSD		460-122476	460-122303	08/03/2012 11:03	1	TAL EDI	MC

Client: URS Corporation

Job Number: 460-42971-1

Laboratory Chronicle

Lab ID: **DU** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-42969-K-3-B DU		460-122544	460-122427	08/03/2012 07:52	1	TAL EDI	QY
A:6010B	460-42969-K-3-B DU		460-122544	460-122427	08/03/2012 12:20	1	TAL EDI	YH
P:7470A	460-42963-B-4-B DU		460-122366	460-122307	08/02/2012 11:00	1	TAL EDI	RBS
A:7470A	460-42963-B-4-B DU		460-122366	460-122307	08/02/2012 14:03	1	TAL EDI	RBS
P:7471A	460-42964-E-40-E DU		460-122410	460-122369	08/02/2012 17:30	1	TAL EDI	TS
A:7471A	460-42964-E-40-E DU		460-122410	460-122369	08/02/2012 22:01	1	TAL EDI	TS
A:Moisture	460-42910-E-3 DU		460-122255		08/02/2012 09:17	1	TAL EDI	RC
A:Moisture	460-42968-A-22 DU		460-122271		08/02/2012 10:30	1	TAL EDI	RC

Lab ID: **SD** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-42969-K-3-A SD ^5		460-122544	460-122427	08/03/2012 07:52	5	TAL EDI	QY
A:6010B	460-42969-K-3-A SD ^5		460-122544	460-122427	08/03/2012 12:27	5	TAL EDI	YH
P:3010A	460-42969-K-3-A PDS		460-122544	460-122427	08/03/2012 07:52	1	TAL EDI	QY
A:6010B	460-42969-K-3-A PDS		460-122544	460-122427	08/03/2012 12:35	1	TAL EDI	YH
P:3010A	460-42969-K-3-A PDS		460-124774	460-122427	08/03/2012 07:52	1	TAL EDI	QY
A:6010B	460-42969-K-3-A PDS		460-124774	460-122427	08/20/2012 12:18	1	TAL EDI	CDC
P:7470A	460-42963-G-4-B SD ^5		460-122366	460-122307	08/02/2012 11:00	5	TAL EDI	RBS
A:7470A	460-42963-G-4-B SD ^5		460-122366	460-122307	08/02/2012 14:49	5	TAL EDI	RBS
P:7471A	460-42964-E-40-D SD		460-122410	460-122369	08/02/2012 17:30	5	TAL EDI	TS
A:7471A	460-42964-E-40-D SD		460-122410	460-122369	08/02/2012 22:56	5	TAL EDI	TS

Lab References:

TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
20120731SB-396V0-2 N	460-42971-1	96	97	105
20120731SB-396V6-7 N	460-42971-2	117	104	101
20120731SB-397V0-2 N	460-42971-3	102	101	106
20120731SB-394V0-2 N	460-42971-7	91	103	110
20120731SB-394V7-8 N	460-42971-8	102	101	104
20120731SB-393V0-2 N	460-42971-9	89	98	98
20120731SB-393V7-8 N	460-42971-10	95	106	105
20120731SB-392V0-2 N	460-42971-11	93	100	101
20120731SB-392V7-8 N	460-42971-12	97	101	102
20120731SB-387V0-2 N	460-42971-13	91	100	103
20120731SB-387V3-4 N	460-42971-14	93	101	107
	MB 460-122620/21	95	97	100
	MB 460-122835/6	119	105	103
	MB 460-123008/16	91	100	103
	MB 460-123371/5	94	98	105
	MB 460-123432/5	97	98	97
	MB 460-123838/5	93	96	99
	LB3 460-122188/1-A	88	98	99
	LCS 460-122620/17	93	100	99
	LCS 460-122835/3	114	106	102
	LCS 460-123008/3	90	99	103
	LCS 460-123371/3	93	101	105
	LCS 460-123432/3	98	96	100
	LCS 460-123838/3	94	97	98
	LCSD 460-122620/18	93	98	101
	LCSD 460-122835/4	106	105	102
	LCSD 460-123008/4	92	99	101

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
	LCSD 460-123371/4	92	101	100
	LCSD 460-123838/4	107	109	111
20120731SB-397V0-2 N MS	460-42971-3 MS	108	118	150 X
20120731SB-397V0-2 N MSD	460-42971-3 MSD	105	105	115

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
20120731SB-397V5-6 N	460-42971-6	111	111	103
20120731FD	460-42971-16	112	109	103
	MB 460-123251/4	104	105	103
	LCS 460-123251/3	104	107	105
	460-42971-B-8-A MS	99	92	85
	460-42971-B-8-A MSD	103	97	87

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
20120731EB	460-42971-15	111	94	89
20120731TB	460-42971-17	112	96	92
	MB 460-122264/4	113	96	95
	LCS 460-122264/3	105	99	92
	460-42904-B-4 MS	104	98	91
	460-42904-B-4 MSD	103	96	90

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k02944.d

Lab ID: LCS 460-122264/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	28.7	144	58-146	
Bromomethane	20.0	20.2	101	55-153	
Vinyl chloride	20.0	25.9	130	61-144	
Chloroethane	20.0	25.2	126	69-145	
Methylene Chloride	20.0	21.2	106	79-119	
Acetone	20.0	24.5	123	45-156	
Carbon disulfide	20.0	14.4	72	58-139	
Trichlorofluoromethane	20.0	21.7	109	69-147	
1,1-Dichloroethene	20.0	16.6	83	56-139	
1,1-Dichloroethane	20.0	20.4	102	78-122	
trans-1,2-Dichloroethene	20.0	17.6	88	75-122	
cis-1,2-Dichloroethene	20.0	18.0	90	80-120	
Chloroform	20.0	19.0	95	82-123	
2-Butanone	20.0	19.6	98	65-114	
1,2-Dichloroethane	20.0	19.1	95	74-118	
1,1,1-Trichloroethane	20.0	17.1	85	74-128	
Carbon tetrachloride	20.0	17.2	86	73-120	
Benzene	20.0	19.4	97	83-124	
Bromoform	20.0	17.3	86	73-123	
Styrene	20.0	19.1	95	69-112	
m&p-Xylene	40.0	36.9	92	76-120	
o-Xylene	20.0	18.8	94	78-118	
Ethylbenzene	20.0	17.9	89	79-126	
Chlorobenzene	20.0	18.5	93	81-121	
Cyclohexane	20.0	19.4	97	58-133	
Isopropylbenzene	20.0	18.3	91	80-125	
2-Hexanone	20.0	21.4	107	53-121	
MTBE	20.0	18.5	92	71-115	
Freon TF	20.0	17.7	89	47-139	
Methyl acetate	20.0	20.7	104	50-151	
1,4-Dioxane	150	135	90	52-126	
Trichloroethene	20.0	17.4	87	78-119	
Toluene	20.0	18.2	91	80-120	
trans-1,3-Dichloropropene	20.0	18.9	95	78-118	
4-Methyl-2-pentanone	20.0	21.3	107	53-120	
cis-1,3-Dichloropropene	20.0	19.5	97	80-120	
1,2-Dichlorobenzene	20.0	18.9	94	82-122	
1,3-Dichlorobenzene	20.0	19.3	96	81-126	
1,4-Dichlorobenzene	20.0	19.0	95	83-123	
1,2,4-Trichlorobenzene	20.0	19.6	98	66-120	
1,2,3-Trichlorobenzene	20.0	21.2	106	76-123	
1,2-Dichloropropane	20.0	20.6	103	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k02944.d

Lab ID: LCS 460-122264/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	19.0	95	61-129	
Tetrachloroethene	20.0	16.8	84	68-139	
1,2-Dibromo-3-Chloropropane	20.0	23.0	115	70-116	
1,1,2,2-Tetrachloroethane	20.0	21.9	109	74-126	
1,1,2-Trichloroethane	20.0	20.1	101	79-119	
Dibromochloromethane	20.0	18.4	92	80-120	
1,2-Dibromoethane	20.0	18.8	94	78-118	
Dichlorodifluoromethane	20.0	20.4	102	46-145	
Bromochloromethane	20.0	17.2	86	80-121	
Bromodichloromethane	20.0	18.6	93	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63012.d

Lab ID: LCS 460-122620/17 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.8	79	50-151	
Bromomethane	20.0	20.0	100	54-142	
Vinyl chloride	20.0	18.2	91	67-133	
Chloroethane	20.0	21.1	105	56-146	
Methylene Chloride	20.0	21.9	109	74-137	
Acetone	20.0	18.4	92	27-164	
Carbon disulfide	20.0	19.5	98	72-128	
Trichlorofluoromethane	20.0	20.6	103	61-139	
1,1-Dichloroethene	20.0	22.8	114	71-126	
1,1-Dichloroethane	20.0	19.3	97	76-125	
trans-1,2-Dichloroethene	20.0	20.0	100	75-122	
cis-1,2-Dichloroethene	20.0	19.8	99	80-120	
Chloroform	20.0	19.7	99	77-120	
2-Butanone	20.0	15.4	77	77-117	
1,2-Dichloroethane	20.0	18.7	93	76-118	
1,1,1-Trichloroethane	20.0	20.0	100	78-117	
Carbon tetrachloride	20.0	20.1	100	79-118	
Benzene	20.0	21.0	105	77-117	
Bromoform	20.0	17.6	88	59-125	
Styrene	20.0	20.6	103	82-122	
m&p-Xylene	40.0	41.5	104	81-121	
o-Xylene	20.0	20.9	104	82-122	
Ethylbenzene	20.0	21.0	105	81-121	
Chlorobenzene	20.0	20.6	103	80-120	
Cyclohexane	20.0	19.8	99	80-121	
Isopropylbenzene	20.0	20.7	104	65-129	
2-Hexanone	20.0	20.3	102	70-122	
MTBE	20.0	18.8	94	78-120	
Freon TF	20.0	19.9	100	73-123	
Methyl acetate	20.0	18.8	94	73-137	
1,4-Dioxane	150	153	102	69-131	
Trichloroethene	20.0	20.9	104	79-119	
Toluene	20.0	20.6	103	75-115	
trans-1,3-Dichloropropene	20.0	17.4	87	67-121	
4-Methyl-2-pentanone	20.0	19.3	97	68-120	
cis-1,3-Dichloropropene	20.0	19.8	99	80-123	
1,2-Dichlorobenzene	20.0	20.4	102	80-120	
1,3-Dichlorobenzene	20.0	20.7	104	80-120	
1,4-Dichlorobenzene	20.0	20.6	103	80-120	
1,2,4-Trichlorobenzene	20.0	20.6	103	80-120	
1,2,3-Trichlorobenzene	20.0	20.7	104	75-121	
1,2-Dichloropropane	20.0	20.8	104	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63012.d

Lab ID: LCS 460-122620/17 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	20.9	105	78-118	
Tetrachloroethene	20.0	21.4	107	80-120	
1,2-Dibromo-3-Chloropropane	20.0	19.1	95	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.1	95	79-122	
1,1,2-Trichloroethane	20.0	20.1	100	73-118	
Dibromochloromethane	20.0	20.4	102	68-120	
1,2-Dibromoethane	20.0	20.0	100	75-117	
Dichlorodifluoromethane	20.0	14.7	73	52-144	
Bromochloromethane	20.0	19.4	97	74-125	
Bromodichloromethane	20.0	20.0	100	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: k03050.d

Lab ID: LCS 460-122835/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	13.1	65	50-151	
Bromomethane	20.0	17.1	86	54-142	
Vinyl chloride	20.0	14.6	73	67-133	
Chloroethane	20.0	14.5	73	56-146	
Methylene Chloride	20.0	22.7	114	74-137	
Acetone	20.0	20.8	104	27-164	
Carbon disulfide	20.0	16.1	80	72-128	
Trichlorofluoromethane	20.0	15.5	77	61-139	
1,1-Dichloroethene	20.0	18.1	91	71-126	
1,1-Dichloroethane	20.0	19.9	99	76-125	
trans-1,2-Dichloroethene	20.0	17.6	88	75-122	
cis-1,2-Dichloroethene	20.0	18.5	92	80-120	
Chloroform	20.0	19.5	97	77-120	
2-Butanone	20.0	23.5	118	77-117	*
1,2-Dichloroethane	20.0	20.5	103	76-118	
1,1,1-Trichloroethane	20.0	18.6	93	78-117	
Carbon tetrachloride	20.0	17.7	88	79-118	
Benzene	20.0	18.8	94	77-117	
Bromoform	20.0	18.7	93	59-125	
Styrene	20.0	19.8	99	82-122	
m&p-Xylene	40.0	38.3	96	81-121	
o-Xylene	20.0	19.7	98	82-122	
Ethylbenzene	20.0	19.1	95	81-121	
Chlorobenzene	20.0	19.1	95	80-120	
Cyclohexane	20.0	20.3	102	80-121	
Isopropylbenzene	20.0	19.4	97	65-129	
2-Hexanone	20.0	29.1	146	70-122	*
MTBE	20.0	21.2	106	78-120	
Freon TF	20.0	16.7	84	73-123	
Methyl acetate	20.0	20.0	100	73-137	
1,4-Dioxane	150	170	114	69-131	
Trichloroethene	20.0	17.5	87	79-119	
Toluene	20.0	18.4	92	75-115	
trans-1,3-Dichloropropene	20.0	21.7	108	67-121	
4-Methyl-2-pentanone	20.0	24.5	122	68-120	*
cis-1,3-Dichloropropene	20.0	19.6	98	80-123	
1,2-Dichlorobenzene	20.0	18.7	94	80-120	
1,3-Dichlorobenzene	20.0	18.6	93	80-120	
1,4-Dichlorobenzene	20.0	18.5	93	80-120	
1,2,4-Trichlorobenzene	20.0	18.3	91	80-120	
1,2,3-Trichlorobenzene	20.0	18.7	94	75-121	
1,2-Dichloropropane	20.0	20.6	103	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: k03050.d

Lab ID: LCS 460-122835/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	19.1	95	78-118	
Tetrachloroethene	20.0	17.4	87	80-120	
1,2-Dibromo-3-Chloropropane	20.0	22.3	111	74-118	
1,1,2,2-Tetrachloroethane	20.0	22.0	110	79-122	
1,1,2-Trichloroethane	20.0	20.7	104	73-118	
Dibromochloromethane	20.0	19.4	97	68-120	
1,2-Dibromoethane	20.0	20.3	101	75-117	
Dichlorodifluoromethane	20.0	14.9	75	52-144	
Bromochloromethane	20.0	18.4	92	74-125	
Bromodichloromethane	20.0	19.8	99	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63144.d

Lab ID: LCS 460-123008/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.1	76	50-151	
Bromomethane	20.0	17.2	86	54-142	
Vinyl chloride	20.0	16.7	83	67-133	
Chloroethane	20.0	21.9	109	56-146	
Methylene Chloride	20.0	20.8	104	74-137	
Acetone	20.0	24.0	120	27-164	
Carbon disulfide	20.0	17.7	88	72-128	
Trichlorofluoromethane	20.0	17.8	89	61-139	
1,1-Dichloroethene	20.0	17.8	89	71-126	
1,1-Dichloroethane	20.0	19.2	96	76-125	
trans-1,2-Dichloroethene	20.0	18.5	93	75-122	
cis-1,2-Dichloroethene	20.0	20.1	100	80-120	
Chloroform	20.0	18.8	94	77-120	
2-Butanone	20.0	22.0	110	77-117	
1,2-Dichloroethane	20.0	18.1	90	76-118	
1,1,1-Trichloroethane	20.0	19.2	96	78-117	
Carbon tetrachloride	20.0	18.5	92	79-118	
Benzene	20.0	20.2	101	77-117	
Bromoform	20.0	18.6	93	59-125	
Styrene	20.0	21.0	105	82-122	
m&p-Xylene	40.0	41.4	103	81-121	
o-Xylene	20.0	21.2	106	82-122	
Ethylbenzene	20.0	20.5	102	81-121	
Chlorobenzene	20.0	20.5	102	80-120	
Cyclohexane	20.0	19.1	96	80-121	
Isopropylbenzene	20.0	20.4	102	65-129	
2-Hexanone	20.0	24.3	121	70-122	
MTBE	20.0	20.9	104	78-120	
Freon TF	20.0	19.2	96	73-123	
Methyl acetate	20.0	22.8	114	73-137	
1,4-Dioxane	150	177	118	69-131	
Trichloroethene	20.0	20.0	100	79-119	
Toluene	20.0	20.1	101	75-115	
trans-1,3-Dichloropropene	20.0	18.6	93	67-121	
4-Methyl-2-pentanone	20.0	23.2	116	68-120	
cis-1,3-Dichloropropene	20.0	21.0	105	80-123	
1,2-Dichlorobenzene	20.0	20.8	104	80-120	
1,3-Dichlorobenzene	20.0	20.6	103	80-120	
1,4-Dichlorobenzene	20.0	20.8	104	80-120	
1,2,4-Trichlorobenzene	20.0	21.6	108	80-120	
1,2,3-Trichlorobenzene	20.0	21.1	106	75-121	
1,2-Dichloropropane	20.0	20.1	100	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63144.d

Lab ID: LCS 460-123008/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	20.1	100	78-118	
Tetrachloroethene	20.0	19.7	98	80-120	
1,2-Dibromo-3-Chloropropane	20.0	23.5	118	74-118	
1,1,2,2-Tetrachloroethane	20.0	22.2	111	79-122	
1,1,2-Trichloroethane	20.0	21.2	106	73-118	
Dibromochloromethane	20.0	20.6	103	68-120	
1,2-Dibromoethane	20.0	21.1	105	75-117	
Dichlorodifluoromethane	20.0	16.4	82	52-144	
Bromochloromethane	20.0	18.5	92	74-125	
Bromodichloromethane	20.0	19.5	98	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d23211.d

Lab ID: LCS 460-123251/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	2790	139	52-144	
Bromomethane	2000	2770	138	58-154	
Vinyl chloride	2000	2360	118	55-154	
Chloroethane	2000	2860	143	66-144	
Methylene Chloride	2000	2140	107	78-118	
Acetone	2000	1870	93	48-177	
Carbon disulfide	2000	1920	96	70-120	
Trichlorofluoromethane	2000	2410	120	60-148	
1,1-Dichloroethene	2000	2290	114	68-138	
1,1-Dichloroethane	2000	2330	117	79-119	
trans-1,2-Dichloroethene	2000	2110	105	73-119	
cis-1,2-Dichloroethene	2000	2220	111	78-118	
Chloroform	2000	2200	110	81-122	
2-Butanone	2000	2670	133	70-139	
1,2-Dichloroethane	2000	2220	111	81-121	
1,1,1-Trichloroethane	2000	2260	113	78-118	
Carbon tetrachloride	2000	2220	111	64-130	
Benzene	2000	2360	118	71-118	
Bromoform	2000	2040	102	76-133	
Styrene	2000	2210	111	73-126	
m&p-Xylene	4000	4410	110	78-127	
o-Xylene	2000	2290	115	77-122	
Ethylbenzene	2000	2240	112	78-124	
Chlorobenzene	2000	2160	108	69-124	
Cyclohexane	2000	2540	127	69-128	
Isopropylbenzene	2000	2310	116	80-143	
2-Hexanone	2000	2030	101	62-123	
MTBE	2000	2180	109	65-143	
Freon TF	2000	1520	76	50-128	
Methyl acetate	2000	2290	114	72-165	
1,4-Dioxane	15000	11900	79	54-147	
Trichloroethene	2000	2190	110	82-122	
Toluene	2000	2190	109	79-136	
trans-1,3-Dichloropropene	2000	2280	114	73-118	
4-Methyl-2-pentanone	2000	2400	120	69-124	
cis-1,3-Dichloropropene	2000	2250	113	75-120	
1,2-Dichlorobenzene	2000	2150	108	83-123	
1,3-Dichlorobenzene	2000	2210	111	83-123	
1,4-Dichlorobenzene	2000	2160	108	84-124	
1,2,4-Trichlorobenzene	2000	2260	113	62-144	
1,2,3-Trichlorobenzene	2000	2500	125	36-207	
1,2-Dichloropropane	2000	2310	115	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d23211.d

Lab ID: LCS 460-123251/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	2000	1990	99	80-134	
Tetrachloroethene	2000	2150	108	78-136	
1,2-Dibromo-3-Chloropropane	2000	2260	113	62-127	
1,1,2,2-Tetrachloroethane	2000	2370	119	86-145	
1,1,2-Trichloroethane	2000	2240	112	77-120	
Dibromochloromethane	2000	2190	110	78-118	
1,2-Dibromoethane	2000	2270	114	76-120	
Dichlorodifluoromethane	2000	2440	122	41-149	
Bromochloromethane	2000	2170	108	81-121	
Bromodichloromethane	2000	2220	111	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63239.d

Lab ID: LCS 460-123371/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.8	84	50-151	
Bromomethane	20.0	20.2	101	54-142	
Vinyl chloride	20.0	18.5	93	67-133	
Chloroethane	20.0	21.0	105	56-146	
Methylene Chloride	20.0	20.3	102	74-137	
Acetone	20.0	22.8	114	27-164	
Carbon disulfide	20.0	14.8	74	72-128	
Trichlorofluoromethane	20.0	18.7	93	61-139	
1,1-Dichloroethene	20.0	16.1	81	71-126	
1,1-Dichloroethane	20.0	18.5	93	76-125	
trans-1,2-Dichloroethene	20.0	17.4	87	75-122	
cis-1,2-Dichloroethene	20.0	19.0	95	80-120	
Chloroform	20.0	18.9	94	77-120	
2-Butanone	20.0	21.3	107	77-117	
1,2-Dichloroethane	20.0	18.6	93	76-118	
1,1,1-Trichloroethane	20.0	18.2	91	78-117	
Carbon tetrachloride	20.0	17.8	89	79-118	
Benzene	20.0	19.6	98	77-117	
Bromoform	20.0	19.2	96	59-125	
Styrene	20.0	20.2	101	82-122	
m&p-Xylene	40.0	38.7	97	81-121	
o-Xylene	20.0	19.5	97	82-122	
Ethylbenzene	20.0	19.1	95	81-121	
Chlorobenzene	20.0	19.7	98	80-120	
Cyclohexane	20.0	17.1	86	80-121	
Isopropylbenzene	20.0	19.3	97	65-129	
2-Hexanone	20.0	21.7	109	70-122	
MTBE	20.0	21.2	106	78-120	
Freon TF	20.0	18.1	91	73-123	
Methyl acetate	20.0	22.6	113	73-137	
1,4-Dioxane	150	152	101	69-131	
Trichloroethene	20.0	19.1	95	79-119	
Toluene	20.0	19.2	96	75-115	
trans-1,3-Dichloropropene	20.0	18.1	91	67-121	
4-Methyl-2-pentanone	20.0	22.3	112	68-120	
cis-1,3-Dichloropropene	20.0	21.4	107	80-123	
1,2-Dichlorobenzene	20.0	20.6	103	80-120	
1,3-Dichlorobenzene	20.0	20.3	101	80-120	
1,4-Dichlorobenzene	20.0	20.4	102	80-120	
1,2,4-Trichlorobenzene	20.0	20.6	103	80-120	
1,2,3-Trichlorobenzene	20.0	20.2	101	75-121	
1,2-Dichloropropane	20.0	20.2	101	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63239.d

Lab ID: LCS 460-123371/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	18.6	93	78-118	
Tetrachloroethene	20.0	18.2	91	80-120	
1,2-Dibromo-3-Chloropropane	20.0	21.6	108	74-118	
1,1,2,2-Tetrachloroethane	20.0	22.4	112	79-122	
1,1,2-Trichloroethane	20.0	21.0	105	73-118	
Dibromochloromethane	20.0	21.1	106	68-120	
1,2-Dibromoethane	20.0	20.9	105	75-117	
Dichlorodifluoromethane	20.0	16.3	81	52-144	
Bromochloromethane	20.0	19.0	95	74-125	
Bromodichloromethane	20.0	20.1	101	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63266.d

Lab ID: LCS 460-123432/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.2	86	50-151	
Bromomethane	20.0	21.3	106	54-142	
Vinyl chloride	20.0	19.2	96	67-133	
Chloroethane	20.0	22.7	114	56-146	
Methylene Chloride	20.0	22.4	112	74-137	
Acetone	20.0	19.1	96	27-164	
Carbon disulfide	20.0	14.4	72	72-128	
Trichlorofluoromethane	20.0	20.1	101	61-139	
1,1-Dichloroethene	20.0	20.4	102	71-126	
1,1-Dichloroethane	20.0	19.4	97	76-125	
trans-1,2-Dichloroethene	20.0	18.0	90	75-122	
cis-1,2-Dichloroethene	20.0	19.4	97	80-120	
Chloroform	20.0	20.1	101	77-120	
2-Butanone	20.0	18.8	94	77-117	
1,2-Dichloroethane	20.0	19.2	96	76-118	
1,1,1-Trichloroethane	20.0	19.3	96	78-117	
Carbon tetrachloride	20.0	19.0	95	79-118	
Benzene	20.0	19.5	98	77-117	
Bromoform	20.0	17.1	85	59-125	
Styrene	20.0	19.5	97	82-122	
m&p-Xylene	40.0	38.2	95	81-121	
o-Xylene	20.0	18.7	93	82-122	
Ethylbenzene	20.0	18.6	93	81-121	
Chlorobenzene	20.0	18.4	92	80-120	
Cyclohexane	20.0	17.2	86	80-121	
Isopropylbenzene	20.0	18.8	94	65-129	
2-Hexanone	20.0	19.9	100	70-122	
MTBE	20.0	18.6	93	78-120	
Freon TF	20.0	17.9	89	73-123	
Methyl acetate	20.0	17.8	89	73-137	
1,4-Dioxane	150	173	115	69-131	
Trichloroethene	20.0	18.8	94	79-119	
Toluene	20.0	18.1	90	75-115	
trans-1,3-Dichloropropene	20.0	15.9	79	67-121	
4-Methyl-2-pentanone	20.0	19.4	97	68-120	
cis-1,3-Dichloropropene	20.0	19.5	98	80-123	
1,2-Dichlorobenzene	20.0	19.5	97	80-120	
1,3-Dichlorobenzene	20.0	19.5	98	80-120	
1,4-Dichlorobenzene	20.0	19.3	96	80-120	
1,2,4-Trichlorobenzene	20.0	20.2	101	80-120	
1,2,3-Trichlorobenzene	20.0	20.2	101	75-121	
1,2-Dichloropropane	20.0	20.0	100	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63266.d

Lab ID: LCS 460-123432/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	16.7	84	78-118	
Tetrachloroethene	20.0	18.0	90	80-120	
1,2-Dibromo-3-Chloropropane	20.0	22.6	113	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	79-122	
1,1,2-Trichloroethane	20.0	19.2	96	73-118	
Dibromochloromethane	20.0	18.9	95	68-120	
1,2-Dibromoethane	20.0	18.8	94	75-117	
Dichlorodifluoromethane	20.0	16.1	81	52-144	
Bromochloromethane	20.0	18.9	95	74-125	
Bromodichloromethane	20.0	20.4	102	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63349.d

Lab ID: LCS 460-123838/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	18.2	91	50-151	
Bromomethane	20.0	22.2	111	54-142	
Vinyl chloride	20.0	19.7	98	67-133	
Chloroethane	20.0	25.8	129	56-146	
Methylene Chloride	20.0	24.2	121	74-137	
Acetone	20.0	24.5	122	27-164	
Carbon disulfide	20.0	22.8	114	72-128	
Trichlorofluoromethane	20.0	20.5	103	61-139	
1,1-Dichloroethene	20.0	19.6	98	71-126	
1,1-Dichloroethane	20.0	21.7	109	76-125	
trans-1,2-Dichloroethene	20.0	20.9	105	75-122	
cis-1,2-Dichloroethene	20.0	22.4	112	80-120	
Chloroform	20.0	21.6	108	77-120	
2-Butanone	20.0	17.5	87	77-117	
1,2-Dichloroethane	20.0	20.4	102	76-118	
1,1,1-Trichloroethane	20.0	21.0	105	78-117	
Carbon tetrachloride	20.0	19.9	100	79-118	
Benzene	20.0	21.7	109	77-117	
Bromoform	20.0	18.0	90	59-125	
Styrene	20.0	21.7	109	82-122	
m&p-Xylene	40.0	42.4	106	81-121	
o-Xylene	20.0	20.7	103	82-122	
Ethylbenzene	20.0	20.7	103	81-121	
Chlorobenzene	20.0	20.4	102	80-120	
Cyclohexane	20.0	21.7	109	80-121	
Isopropylbenzene	20.0	20.8	104	65-129	
2-Hexanone	20.0	19.5	98	70-122	
MTBE	20.0	21.2	106	78-120	
Freon TF	20.0	21.2	106	73-123	
Methyl acetate	20.0	21.8	109	73-137	
1,4-Dioxane	150	162	108	69-131	
Trichloroethene	20.0	20.6	103	79-119	
Toluene	20.0	20.3	101	75-115	
trans-1,3-Dichloropropene	20.0	17.6	88	67-121	
4-Methyl-2-pentanone	20.0	20.7	103	68-120	
cis-1,3-Dichloropropene	20.0	22.3	111	80-123	
1,2-Dichlorobenzene	20.0	20.0	100	80-120	
1,3-Dichlorobenzene	20.0	20.3	101	80-120	
1,4-Dichlorobenzene	20.0	20.1	101	80-120	
1,2,4-Trichlorobenzene	20.0	20.7	104	80-120	
1,2,3-Trichlorobenzene	20.0	20.5	103	75-121	
1,2-Dichloropropane	20.0	22.1	111	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63349.d

Lab ID: LCS 460-123838/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	21.6	108	78-118	
Tetrachloroethene	20.0	19.2	96	80-120	
1,2-Dibromo-3-Chloropropane	20.0	22.7	113	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.4	102	79-122	
1,1,2-Trichloroethane	20.0	21.0	105	73-118	
Dibromochloromethane	20.0	19.9	100	68-120	
1,2-Dibromoethane	20.0	20.3	101	75-117	
Dichlorodifluoromethane	20.0	17.4	87	52-144	
Bromochloromethane	20.0	20.8	104	74-125	
Bromodichloromethane	20.0	21.7	108	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63013.d

Lab ID: LCSD 460-122620/18 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	17.0	85	7	30	50-151	
Bromomethane	20.0	21.2	106	6	30	54-142	
Vinyl chloride	20.0	19.2	96	5	30	67-133	
Chloroethane	20.0	22.8	114	8	30	56-146	
Methylene Chloride	20.0	23.1	116	6	30	74-137	
Acetone	20.0	20.8	104	12	30	27-164	
Carbon disulfide	20.0	20.1	100	3	30	72-128	
Trichlorofluoromethane	20.0	21.4	107	4	30	61-139	
1,1-Dichloroethene	20.0	24.2	121	6	30	71-126	
1,1-Dichloroethane	20.0	20.6	103	6	30	76-125	
trans-1,2-Dichloroethene	20.0	21.2	106	6	30	75-122	
cis-1,2-Dichloroethene	20.0	20.9	105	5	30	80-120	
Chloroform	20.0	20.5	103	4	30	77-120	
2-Butanone	20.0	18.6	93	18	30	77-117	
1,2-Dichloroethane	20.0	19.9	100	7	30	76-118	
1,1,1-Trichloroethane	20.0	20.7	104	3	30	78-117	
Carbon tetrachloride	20.0	21.1	105	5	30	79-118	
Benzene	20.0	21.3	107	2	30	77-117	
Bromoform	20.0	17.5	88	1	30	59-125	
Styrene	20.0	21.2	106	3	30	82-122	
m&p-Xylene	40.0	42.8	107	3	30	81-121	
o-Xylene	20.0	21.1	106	1	30	82-122	
Ethylbenzene	20.0	20.9	105	0	30	81-121	
Chlorobenzene	20.0	20.6	103	0	30	80-120	
Cyclohexane	20.0	21.2	106	7	30	80-121	
Isopropylbenzene	20.0	21.2	106	2	30	65-129	
2-Hexanone	20.0	19.8	99	3	30	70-122	
MTBE	20.0	19.1	95	2	30	78-120	
Freon TF	20.0	20.1	100	1	30	73-123	
Methyl acetate	20.0	17.9	89	5	30	73-137	
1,4-Dioxane	150	159	106	4	30	69-131	
Trichloroethene	20.0	20.9	105	0	30	79-119	
Toluene	20.0	20.6	103	0	30	75-115	
trans-1,3-Dichloropropene	20.0	17.4	87	0	30	67-121	
4-Methyl-2-pentanone	20.0	18.6	93	4	30	68-120	
cis-1,3-Dichloropropene	20.0	20.8	104	5	30	80-123	
1,2-Dichlorobenzene	20.0	21.0	105	3	30	80-120	
1,3-Dichlorobenzene	20.0	21.2	106	2	30	80-120	
1,4-Dichlorobenzene	20.0	21.2	106	3	30	80-120	
1,2,4-Trichlorobenzene	20.0	21.8	109	6	30	80-120	
1,2,3-Trichlorobenzene	20.0	21.5	108	4	30	75-121	
1,2-Dichloropropane	20.0	21.2	106	2	30	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63013.d

Lab ID: LCSD 460-122620/18 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	21.2	106	1	30	78-118	
Tetrachloroethene	20.0	22.1	111	3	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	19.3	97	1	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.8	104	9	30	79-122	
1,1,2-Trichloroethane	20.0	20.9	105	4	30	73-118	
Dibromochloromethane	20.0	20.4	102	0	30	68-120	
1,2-Dibromoethane	20.0	20.9	105	5	30	75-117	
Dichlorodifluoromethane	20.0	16.0	80	9	30	52-144	
Bromochloromethane	20.0	20.3	101	4	30	74-125	
Bromodichloromethane	20.0	20.3	101	1	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: k03051.d

Lab ID: LCSD 460-122835/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	13.9	70	6	30	50-151	
Bromomethane	20.0	19.3	97	12	30	54-142	
Vinyl chloride	20.0	15.4	77	5	30	67-133	
Chloroethane	20.0	15.9	79	9	30	56-146	
Methylene Chloride	20.0	22.8	114	1	30	74-137	
Acetone	20.0	19.6	98	6	30	27-164	
Carbon disulfide	20.0	17.2	86	7	30	72-128	
Trichlorofluoromethane	20.0	16.1	81	4	30	61-139	
1,1-Dichloroethene	20.0	19.2	96	5	30	71-126	
1,1-Dichloroethane	20.0	20.6	103	3	30	76-125	
trans-1,2-Dichloroethene	20.0	18.3	92	4	30	75-122	
cis-1,2-Dichloroethene	20.0	18.7	94	1	30	80-120	
Chloroform	20.0	20.0	100	2	30	77-120	
2-Butanone	20.0	20.0	100	16	30	77-117	
1,2-Dichloroethane	20.0	20.3	102	1	30	76-118	
1,1,1-Trichloroethane	20.0	19.4	97	4	30	78-117	
Carbon tetrachloride	20.0	18.7	93	6	30	79-118	
Benzene	20.0	19.2	96	2	30	77-117	
Bromoform	20.0	17.7	88	5	30	59-125	
Styrene	20.0	20.3	101	2	30	82-122	
m&p-Xylene	40.0	39.7	99	4	30	81-121	
o-Xylene	20.0	19.9	99	1	30	82-122	
Ethylbenzene	20.0	19.8	99	4	30	81-121	
Chlorobenzene	20.0	19.7	99	3	30	80-120	
Cyclohexane	20.0	21.4	107	5	30	80-121	
Isopropylbenzene	20.0	20.3	102	5	30	65-129	
2-Hexanone	20.0	25.6	128	13	30	70-122	*
MTBE	20.0	20.1	100	5	30	78-120	
Freon TF	20.0	17.6	88	5	30	73-123	
Methyl acetate	20.0	17.6	88	13	30	73-137	
1,4-Dioxane	150	132	88	25	30	69-131	
Trichloroethene	20.0	18.3	91	4	30	79-119	
Toluene	20.0	19.1	96	4	30	75-115	
trans-1,3-Dichloropropene	20.0	20.9	105	4	30	67-121	
4-Methyl-2-pentanone	20.0	21.0	105	15	30	68-120	
cis-1,3-Dichloropropene	20.0	20.0	100	2	30	80-123	
1,2-Dichlorobenzene	20.0	19.0	95	2	30	80-120	
1,3-Dichlorobenzene	20.0	19.2	96	4	30	80-120	
1,4-Dichlorobenzene	20.0	18.7	94	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	18.3	91	0	30	80-120	
1,2,3-Trichlorobenzene	20.0	18.5	92	1	30	75-121	
1,2-Dichloropropane	20.0	20.5	103	0	30	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: k03051.d

Lab ID: LCSD 460-122835/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	20.0	100	5	30	78-118	
Tetrachloroethene	20.0	18.2	91	5	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	19.0	95	16	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.6	103	6	30	79-122	
1,1,2-Trichloroethane	20.0	19.7	98	5	30	73-118	
Dibromochloromethane	20.0	18.8	94	3	30	68-120	
1,2-Dibromoethane	20.0	19.2	96	6	30	75-117	
Dichlorodifluoromethane	20.0	15.9	79	6	30	52-144	
Bromochloromethane	20.0	18.2	91	1	30	74-125	
Bromodichloromethane	20.0	19.7	99	0	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63145.d

Lab ID: LCSD 460-123008/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	14.6	73	3	30	50-151	
Bromomethane	20.0	17.0	85	1	30	54-142	
Vinyl chloride	20.0	15.9	80	5	30	67-133	
Chloroethane	20.0	19.7	99	10	30	56-146	
Methylene Chloride	20.0	21.3	107	3	30	74-137	
Acetone	20.0	21.4	107	12	30	27-164	
Carbon disulfide	20.0	16.7	83	6	30	72-128	
Trichlorofluoromethane	20.0	17.3	86	3	30	61-139	
1,1-Dichloroethene	20.0	17.7	88	1	30	71-126	
1,1-Dichloroethane	20.0	19.2	96	0	30	76-125	
trans-1,2-Dichloroethene	20.0	18.2	91	2	30	75-122	
cis-1,2-Dichloroethene	20.0	19.2	96	4	30	80-120	
Chloroform	20.0	19.3	97	3	30	77-120	
2-Butanone	20.0	20.0	100	10	30	77-117	
1,2-Dichloroethane	20.0	18.0	90	1	30	76-118	
1,1,1-Trichloroethane	20.0	18.9	94	2	30	78-117	
Carbon tetrachloride	20.0	17.8	89	4	30	79-118	
Benzene	20.0	19.9	100	1	30	77-117	
Bromoform	20.0	18.1	91	3	30	59-125	
Styrene	20.0	20.8	104	1	30	82-122	
m&p-Xylene	40.0	40.5	101	2	30	81-121	
o-Xylene	20.0	19.9	100	6	30	82-122	
Ethylbenzene	20.0	19.8	99	3	30	81-121	
Chlorobenzene	20.0	19.7	99	4	30	80-120	
Cyclohexane	20.0	17.9	89	7	30	80-121	
Isopropylbenzene	20.0	19.8	99	3	30	65-129	
2-Hexanone	20.0	21.0	105	15	30	70-122	
MTBE	20.0	19.8	99	5	30	78-120	
Freon TF	20.0	17.9	89	7	30	73-123	
Methyl acetate	20.0	19.8	99	14	30	73-137	
1,4-Dioxane	150	153	102	15	30	69-131	
Trichloroethene	20.0	20.2	101	1	30	79-119	
Toluene	20.0	19.5	97	4	30	75-115	
trans-1,3-Dichloropropene	20.0	18.0	90	4	30	67-121	
4-Methyl-2-pentanone	20.0	19.6	98	17	30	68-120	
cis-1,3-Dichloropropene	20.0	20.5	102	2	30	80-123	
1,2-Dichlorobenzene	20.0	20.3	102	2	30	80-120	
1,3-Dichlorobenzene	20.0	20.5	103	1	30	80-120	
1,4-Dichlorobenzene	20.0	20.7	103	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	21.8	109	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	21.6	108	2	30	75-121	
1,2-Dichloropropane	20.0	21.0	105	5	30	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63145.d

Lab ID: LCSD 460-123008/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	19.1	96	5	30	78-118	
Tetrachloroethene	20.0	18.9	95	4	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	22.7	113	4	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.8	104	7	30	79-122	
1,1,2-Trichloroethane	20.0	21.2	106	0	30	73-118	
Dibromochloromethane	20.0	20.4	102	1	30	68-120	
1,2-Dibromoethane	20.0	20.7	104	2	30	75-117	
Dichlorodifluoromethane	20.0	15.9	80	3	30	52-144	
Bromochloromethane	20.0	19.2	96	4	30	74-125	
Bromodichloromethane	20.0	19.8	99	1	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63240.d

Lab ID: LCSD 460-123371/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	17.9	90	7	30	50-151	
Bromomethane	20.0	20.7	104	3	30	54-142	
Vinyl chloride	20.0	18.8	94	2	30	67-133	
Chloroethane	20.0	23.1	115	10	30	56-146	
Methylene Chloride	20.0	21.0	105	3	30	74-137	
Acetone	20.0	21.3	107	7	30	27-164	
Carbon disulfide	20.0	14.7	73	1	30	72-128	
Trichlorofluoromethane	20.0	18.5	92	1	30	61-139	
1,1-Dichloroethene	20.0	17.4	87	8	30	71-126	
1,1-Dichloroethane	20.0	19.7	99	6	30	76-125	
trans-1,2-Dichloroethene	20.0	18.9	94	8	30	75-122	
cis-1,2-Dichloroethene	20.0	19.8	99	4	30	80-120	
Chloroform	20.0	19.7	98	4	30	77-120	
2-Butanone	20.0	19.8	99	7	30	77-117	
1,2-Dichloroethane	20.0	19.0	95	2	30	76-118	
1,1,1-Trichloroethane	20.0	19.0	95	4	30	78-117	
Carbon tetrachloride	20.0	19.3	96	8	30	79-118	
Benzene	20.0	20.4	102	4	30	77-117	
Bromoform	20.0	18.8	94	2	30	59-125	
Styrene	20.0	21.0	105	4	30	82-122	
m&p-Xylene	40.0	40.9	102	6	30	81-121	
o-Xylene	20.0	20.2	101	3	30	82-122	
Ethylbenzene	20.0	19.7	99	3	30	81-121	
Chlorobenzene	20.0	20.7	103	5	30	80-120	
Cyclohexane	20.0	17.5	88	2	30	80-121	
Isopropylbenzene	20.0	20.1	101	4	30	65-129	
2-Hexanone	20.0	19.8	99	9	30	70-122	
MTBE	20.0	20.1	101	5	30	78-120	
Freon TF	20.0	18.4	92	1	30	73-123	
Methyl acetate	20.0	21.0	105	8	30	73-137	
1,4-Dioxane	150	152	101	0	30	69-131	
Trichloroethene	20.0	19.7	98	3	30	79-119	
Toluene	20.0	19.9	99	3	30	75-115	
trans-1,3-Dichloropropene	20.0	18.1	91	0	30	67-121	
4-Methyl-2-pentanone	20.0	20.2	101	10	30	68-120	
cis-1,3-Dichloropropene	20.0	21.9	109	2	30	80-123	
1,2-Dichlorobenzene	20.0	20.3	102	1	30	80-120	
1,3-Dichlorobenzene	20.0	20.2	101	0	30	80-120	
1,4-Dichlorobenzene	20.0	20.7	103	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.8	104	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	21.4	107	6	30	75-121	
1,2-Dichloropropane	20.0	20.6	103	2	30	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63240.d

Lab ID: LCSD 460-123371/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	18.3	92	1	30	78-118	
Tetrachloroethene	20.0	18.5	93	2	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	21.4	107	1	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	21.7	108	3	30	79-122	
1,1,2-Trichloroethane	20.0	21.6	108	3	30	73-118	
Dibromochloromethane	20.0	21.2	106	0	30	68-120	
1,2-Dibromoethane	20.0	20.8	104	1	30	75-117	
Dichlorodifluoromethane	20.0	16.8	84	3	30	52-144	
Bromochloromethane	20.0	19.2	96	1	30	74-125	
Bromodichloromethane	20.0	21.1	106	5	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63350.d

Lab ID: LCSD 460-123838/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	17.6	88	4	30	50-151	
Bromomethane	20.0	18.4	92	19	30	54-142	
Vinyl chloride	20.0	18.9	95	4	30	67-133	
Chloroethane	20.0	22.8	114	12	30	56-146	
Methylene Chloride	20.0	23.1	115	5	30	74-137	
Acetone	20.0	22.7	113	7	30	27-164	
Carbon disulfide	20.0	21.4	107	7	30	72-128	
Trichlorofluoromethane	20.0	18.9	94	8	30	61-139	
1,1-Dichloroethene	20.0	18.7	94	4	30	71-126	
1,1-Dichloroethane	20.0	21.2	106	3	30	76-125	
trans-1,2-Dichloroethene	20.0	20.1	101	4	30	75-122	
cis-1,2-Dichloroethene	20.0	21.4	107	4	30	80-120	
Chloroform	20.0	21.5	107	0	30	77-120	
2-Butanone	20.0	21.3	107	20	30	77-117	
1,2-Dichloroethane	20.0	20.3	101	1	30	76-118	
1,1,1-Trichloroethane	20.0	20.0	100	5	30	78-117	
Carbon tetrachloride	20.0	19.6	98	2	30	79-118	
Benzene	20.0	21.3	106	2	30	77-117	
Bromoform	20.0	18.3	91	2	30	59-125	
Styrene	20.0	21.0	105	4	30	82-122	
m&p-Xylene	40.0	41.1	103	3	30	81-121	
o-Xylene	20.0	20.4	102	1	30	82-122	
Ethylbenzene	20.0	20.2	101	2	30	81-121	
Chlorobenzene	20.0	19.9	100	2	30	80-120	
Cyclohexane	20.0	20.4	102	6	30	80-121	
Isopropylbenzene	20.0	19.6	98	6	30	65-129	
2-Hexanone	20.0	19.8	99	1	30	70-122	
MTBE	20.0	20.4	102	4	30	78-120	
Freon TF	20.0	19.7	99	7	30	73-123	
Methyl acetate	20.0	20.3	102	7	30	73-137	
1,4-Dioxane	150	172	114	6	30	69-131	
Trichloroethene	20.0	19.9	99	4	30	79-119	
Toluene	20.0	19.8	99	2	30	75-115	
trans-1,3-Dichloropropene	20.0	17.9	89	1	30	67-121	
4-Methyl-2-pentanone	20.0	21.2	106	2	30	68-120	
cis-1,3-Dichloropropene	20.0	21.8	109	2	30	80-123	
1,2-Dichlorobenzene	20.0	20.3	102	1	30	80-120	
1,3-Dichlorobenzene	20.0	20.2	101	0	30	80-120	
1,4-Dichlorobenzene	20.0	20.2	101	0	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.9	105	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	20.9	104	2	30	75-121	
1,2-Dichloropropane	20.0	21.0	105	5	30	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63350.d

Lab ID: LCSD 460-123838/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	20.3	102	6	30	78-118	
Tetrachloroethene	20.0	18.5	93	3	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	23.0	115	1	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	21.5	107	5	30	79-122	
1,1,2-Trichloroethane	20.0	20.9	105	0	30	73-118	
Dibromochloromethane	20.0	20.7	104	4	30	68-120	
1,2-Dibromoethane	20.0	20.4	102	1	30	75-117	
Dichlorodifluoromethane	20.0	16.4	82	6	30	52-144	
Bromochloromethane	20.0	21.1	106	1	30	74-125	
Bromodichloromethane	20.0	21.4	107	1	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63281.d

Lab ID: 460-42971-3 MS Client ID: 20120731SB-397V0-2N MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	34.7	0.30 U	23.5	68	50-151	
Bromomethane	34.7	0.79 U	28.6	82	54-142	
Vinyl chloride	34.7	0.63 U	24.9	72	67-133	
Chloroethane	34.7	0.61 U	29.2	84	56-146	
Methylene Chloride	34.7	0.54 J	27.6	78	74-137	
Acetone	34.7	44	65.9	64	27-164	
Carbon disulfide	34.7	0.28 U	15.9	46	72-128	F
Trichlorofluoromethane	34.7	0.30 U	24.5	70	61-139	
1,1-Dichloroethene	34.7	0.35 U	25.3	73	71-126	
1,1-Dichloroethane	34.7	0.20 U	24.4	70	76-125	F
trans-1,2-Dichloroethene	34.7	0.24 U	20.7	60	75-122	F
cis-1,2-Dichloroethene	34.7	0.20 U	21.5	62	80-120	F
Chloroform	34.7	0.44 U	21.6	62	77-120	F
2-Butanone	34.7	7.5 J	31.3	68	77-117	F
1,2-Dichloroethane	34.7	0.33 U	21.5	62	76-118	F
1,1,1-Trichloroethane	34.7	0.24 U	20.9	60	78-117	F
Carbon tetrachloride	34.7	0.28 U	19.3	55	79-118	F
Benzene	34.7	0.28 U	21.1	61	77-117	F
Bromoform	34.7	0.31 U	11.8	34	59-125	F
Styrene	34.7	0.52 U	13.9	40	82-122	F
m&p-Xylene	69.5	1.1 U	36.0	52	81-121	F
o-Xylene	34.7	0.35 U	16.9	49	82-122	F
Ethylbenzene	34.7	0.31 U	18.3	53	81-121	F
Chlorobenzene	34.7	0.33 U	15.7	45	80-120	F
Cyclohexane	34.7	0.24 U	16.7	48	80-121	F
Isopropylbenzene	34.7	0.20 U	17.3	50	65-129	F
2-Hexanone	34.7	0.24 U	30.5	88	70-122	
MTBE	34.7	0.20 U	28.2	81	78-120	
Freon TF	34.7	0.20 U	20.4	59	73-123	F
Methyl acetate	34.7	0.59 U	28.4	82	73-137	
1,4-Dioxane	260	23 U	286	110	69-131	
Trichloroethene	34.7	0.22 U	17.1	49	79-119	F
Toluene	34.7	0.27 J	21.1	60	75-115	F
trans-1,3-Dichloropropene	34.7	0.18 U	14.3	41	67-121	F
4-Methyl-2-pentanone	34.7	0.37 U	25.3	73	68-120	
cis-1,3-Dichloropropene	34.7	0.26 U	16.6	48	80-123	F
1,2-Dichlorobenzene	34.7	0.18 U	13.3	38	80-120	F
1,3-Dichlorobenzene	34.7	0.30 U	17.1	49	80-120	F
1,4-Dichlorobenzene	34.7	0.20 U	15.4	44	80-120	F
1,2,4-Trichlorobenzene	34.7	0.35 U	7.54	22	80-120	F
1,2,3-Trichlorobenzene	34.7	0.30 U	4.95	14	75-121	F
1,2-Dichloropropane	34.7	0.28 U	22.6	65	82-122	F

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63281.d

Lab ID: 460-42971-3 MS Client ID: 20120731SB-397V0-2N MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	34.7	0.18 U	15.3	44	78-118	F
Tetrachloroethene	34.7	0.22 U	19.6	56	80-120	F
1,2-Dibromo-3-Chloropropane	34.7	0.81 U	16.1	46	74-118	F
1,1,2,2-Tetrachloroethane	34.7	0.17 U	26.3	76	79-122	F
1,1,2-Trichloroethane	34.7	0.26 U	22.5	65	73-118	F
Dibromochloromethane	34.7	0.18 U	17.7	51	68-120	F
1,2-Dibromoethane	34.7	0.28 U	18.2	53	75-117	F
Dichlorodifluoromethane	34.7	0.41 U	19.8	57	52-144	
Bromochloromethane	34.7	0.20 U	20.9	60	74-125	F
Bromodichloromethane	34.7	0.59 U	19.3	56	79-119	F

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d23218.d

Lab ID: 460-42971-B-8-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	4260	21 U	5880	138	52-144	
Bromomethane	4260	39 U	5740	135	58-164	
Vinyl chloride	4260	31 U	5210	122	55-154	
Chloroethane	4260	36 U	5370	126	66-144	
Methylene Chloride	4260	39 U	4010	94	78-118	
Acetone	4260	570 U	5330	125	48-177	
Carbon disulfide	4260	27 U	3730	88	70-120	
Trichlorofluoromethane	4260	31 U	5040	118	60-148	
1,1-Dichloroethene	4260	19 U	4300	101	68-138	
1,1-Dichloroethane	4260	28 U	4220	99	79-119	
trans-1,2-Dichloroethene	4260	27 U	4060	95	73-119	
cis-1,2-Dichloroethene	4260	38 U	4060	95	78-118	
Chloroform	4260	17 U	4090	96	81-122	
2-Butanone	4260	490 U	5430	128	70-139	
1,2-Dichloroethane	4260	40 U	4310	101	81-121	
1,1,1-Trichloroethane	4260	13 U	4130	97	78-118	
Carbon tetrachloride	4260	12 U	4030	95	64-130	
Benzene	4260	18 U	4160	98	71-118	
Bromoform	4260	41 U	3900	92	76-133	
Styrene	4260	25 U	4270	100	73-126	
m&p-Xylene	8520	64 J	8750	102	78-127	
o-Xylene	4260	29 J	4290	100	77-122	
Ethylbenzene	4260	26 J	4380	102	78-124	
Chlorobenzene	4260	23 U	4130	97	69-124	
Cyclohexane	4260	34 U	4910	115	69-128	
Isopropylbenzene	4260	26 J	4340	101	80-143	
2-Hexanone	4260	110 U	4400	103	62-123	
MTBE	4260	29 U	4330	102	65-143	
Freon TF	4260	17 U	3400	80	50-128	
Methyl acetate	4260	71 U	4240	100	72-165	
1,4-Dioxane	31900	7700 U	15000 U	0	54-147	F
Trichloroethene	4260	20 U	4170	98	82-122	
Toluene	4260	300	4370	96	79-136	
trans-1,3-Dichloropropene	4260	52 U	4060	95	73-118	
4-Methyl-2-pentanone	4260	210 U	4660	110	69-124	
cis-1,3-Dichloropropene	4260	39 U	3990	94	75-120	
1,2-Dichlorobenzene	4260	44 U	4270	100	83-123	
1,3-Dichlorobenzene	4260	29 U	4340	102	83-123	
1,4-Dichlorobenzene	4260	120 J	4420	101	84-124	
1,2,4-Trichlorobenzene	4260	73 U	4300	101	62-144	
1,2,3-Trichlorobenzene	4260	110 U	4430	104	36-207	
1,2-Dichloropropane	4260	18 U	4260	100	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d23218.d

Lab ID: 460-42971-B-8-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	4260	120 J	3880	88	80-134	
Tetrachloroethene	4260	21 U	4240	100	78-136	
1,2-Dibromo-3-Chloropropane	4260	85 U	4550	107	62-127	
1,1,2,2-Tetrachloroethane	4260	34 U	4840	114	86-145	
1,1,2-Trichloroethane	4260	40 U	4260	100	77-120	
Dibromochloromethane	4260	42 U	3960	93	78-118	
1,2-Dibromoethane	4260	59 U	4100	96	76-120	
Dichlorodifluoromethane	4260	46 U	3280	77	41-149	
Bromochloromethane	4260	58 U	4080	96	81-121	
Bromodichloromethane	4260	27 U	4160	98	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k02957.d

Lab ID: 460-42904-B-4 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	100	0.10 U	137	137	58-146	
Bromomethane	100	0.18 U	101	101	55-153	
Vinyl chloride	100	1.9	125	123	61-144	
Chloroethane	100	0.17 U	124	124	69-145	
Methylene Chloride	100	0.18 U	117	117	79-119	
Acetone	100	2.7 U	126	126	45-156	
Carbon disulfide	100	0.13 U	125	125	58-139	
Trichlorofluoromethane	100	0.15 U	104	104	69-147	
1,1-Dichloroethene	100	0.090 U	106	106	56-139	
1,1-Dichloroethane	100	1.3	112	110	78-122	
trans-1,2-Dichloroethene	100	0.13 U	101	101	75-122	
cis-1,2-Dichloroethene	100	1.1	118	117	80-120	
Chloroform	100	0.080 U	99.5	99	82-123	
2-Butanone	100	2.3 U	110	110	65-114	
1,2-Dichloroethane	100	0.19 J	100	100	74-118	
1,1,1-Trichloroethane	100	0.060 U	90.9	91	74-128	
Carbon tetrachloride	100	0.060 U	90.3	90	73-120	
Benzene	100	6.2	108	102	83-124	
Bromoform	100	0.19 U	86.2	86	73-123	
Styrene	100	0.12 U	94.0	94	69-112	
m&p-Xylene	200	0.25 U	184	92	76-120	
o-Xylene	100	0.13 U	93.4	93	78-118	
Ethylbenzene	100	0.13 J	89.9	90	79-126	
Chlorobenzene	100	0.47 J	92.9	92	81-121	
Cyclohexane	100	1.6	117	116	58-133	
Isopropylbenzene	100	0.15 J	90.2	90	80-125	
2-Hexanone	100	0.50 U	120	120	53-121	
MTBE	100	1.0	98.9	98	71-115	
Freon TF	100	0.080 U	111	111	47-139	
Methyl acetate	100	0.34 U	114	114	50-151	
1,4-Dioxane	750	36 U	704	94	52-126	
Trichloroethene	100	0.43 J	99.2	99	78-119	
Toluene	100	0.17 J	92.8	93	80-120	
trans-1,3-Dichloropropene	100	0.24 U	92.8	93	78-118	
4-Methyl-2-pentanone	100	0.99 U	118	118	53-120	
cis-1,3-Dichloropropene	100	0.18 U	95.0	95	80-120	
1,2-Dichlorobenzene	100	0.21 U	91.3	91	82-122	
1,3-Dichlorobenzene	100	0.14 U	94.9	95	81-126	
1,4-Dichlorobenzene	100	0.23 U	94.3	94	83-123	
1,2,4-Trichlorobenzene	100	0.34 U	88.1	88	66-120	
1,2,3-Trichlorobenzene	100	0.51 U	88.0	88	76-123	
1,2-Dichloropropane	100	0.090 U	107	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k02957.d

Lab ID: 460-42904-B-4 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	100	1.2	102	101	61-129	
Tetrachloroethene	100	0.10 U	103	103	68-139	
1,2-Dibromo-3-Chloropropane	100	0.40 U	110	110	70-116	
1,1,2,2-Tetrachloroethane	100	0.16 U	115	115	74-126	
1,1,2-Trichloroethane	100	0.19 U	102	102	79-119	
Dibromochloromethane	100	0.20 U	91.2	91	80-120	
1,2-Dibromoethane	100	0.28 U	98.4	98	78-118	
Dichlorodifluoromethane	100	0.22 U	99.9	100	46-145	
Bromochloromethane	100	0.27 U	91.2	91	80-121	
Bromodichloromethane	100	0.12 U	95.4	95	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63280.d

Lab ID: 460-42971-3 MSD Client ID: 20120731SB-397V0-2N MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	37.1	30.3	82	25	30	50-151	
Bromomethane	37.1	36.5	98	24	30	54-142	
Vinyl chloride	37.1	33.7	91	30	30	67-133	
Chloroethane	37.1	40.3	108	32	30	56-146	F
Methylene Chloride	37.1	34.5	91	22	30	74-137	
Acetone	37.1	63.6	53	4	30	27-164	
Carbon disulfide	37.1	21.3	57	29	30	72-128	F
Trichlorofluoromethane	37.1	45.1	122	59	30	61-139	F
1,1-Dichloroethene	37.1	32.9	89	26	30	71-126	
1,1-Dichloroethane	37.1	30.4	82	22	30	76-125	
trans-1,2-Dichloroethene	37.1	25.7	69	22	30	75-122	F
cis-1,2-Dichloroethene	37.1	26.8	72	22	30	80-120	F
Chloroform	37.1	28.1	76	26	30	77-120	F
2-Butanone	37.1	28.6	57	9	30	77-117	F
1,2-Dichloroethane	37.1	27.2	73	23	30	76-118	F
1,1,1-Trichloroethane	37.1	27.4	74	27	30	78-117	F
Carbon tetrachloride	37.1	26.0	70	30	30	79-118	F
Benzene	37.1	24.6	66	15	30	77-117	F
Bromoform	37.1	12.6	34	6	30	59-125	F
Styrene	37.1	14.4	39	4	30	82-122	F
m&p-Xylene	74.3	36.6	49	1	30	81-121	F
o-Xylene	37.1	16.7	45	1	30	82-122	F
Ethylbenzene	37.1	19.1	51	5	30	81-121	F
Chlorobenzene	37.1	15.8	43	1	30	80-120	F
Cyclohexane	37.1	26.8	72	46	30	80-121	F
Isopropylbenzene	37.1	18.5	50	7	30	65-129	F
2-Hexanone	37.1	26.3	71	15	30	70-122	
MTBE	37.1	29.6	80	5	30	78-120	
Freon TF	37.1	30.9	83	41	30	73-123	F
Methyl acetate	37.1	45.0	121	45	30	73-137	F
1,4-Dioxane	279	321	115	11	30	69-131	
Trichloroethene	37.1	20.1	54	16	30	79-119	F
Toluene	37.1	24.8	66	16	30	75-115	F
trans-1,3-Dichloropropene	37.1	15.4	41	7	30	67-121	F
4-Methyl-2-pentanone	37.1	25.2	68	0	30	68-120	
cis-1,3-Dichloropropene	37.1	19.0	51	13	30	80-123	F
1,2-Dichlorobenzene	37.1	11.0	30	19	30	80-120	F
1,3-Dichlorobenzene	37.1	13.7	37	22	30	80-120	F
1,4-Dichlorobenzene	37.1	12.3	33	22	30	80-120	F
1,2,4-Trichlorobenzene	37.1	6.48	17	15	30	80-120	F
1,2,3-Trichlorobenzene	37.1	4.61	12	7	30	75-121	F
1,2-Dichloropropane	37.1	26.7	72	16	30	82-122	F

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o63280.d

Lab ID: 460-42971-3 MSD Client ID: 20120731SB-397V0-2N MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	37.1	23.9	64	44	30	78-118	F
Tetrachloroethene	37.1	21.1	57	7	30	80-120	F
1,2-Dibromo-3-Chloropropane	37.1	14.4	39	11	30	74-118	F
1,1,2,2-Tetrachloroethane	37.1	20.0	54	27	30	79-122	F
1,1,2-Trichloroethane	37.1	22.7	61	1	30	73-118	F
Dibromochloromethane	37.1	18.4	50	4	30	68-120	F
1,2-Dibromoethane	37.1	19.6	53	7	30	75-117	F
Dichlorodifluoromethane	37.1	27.2	73	32	30	52-144	F
Bromochloromethane	37.1	28.1	76	29	30	74-125	
Bromodichloromethane	37.1	22.9	62	17	30	79-119	F

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d23219.d

Lab ID: 460-42971-B-8-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	4260	6400	150	8	30	52-144	F
Bromomethane	4260	5970	140	4	30	58-164	
Vinyl chloride	4260	3420	80	42	30	55-154	F
Chloroethane	4260	5500	129	2	30	66-144	
Methylene Chloride	4260	4110	97	3	30	78-118	
Acetone	4260	5250	123	1	30	48-177	
Carbon disulfide	4260	3520	83	6	30	70-120	
Trichlorofluoromethane	4260	4900	115	3	30	60-148	
1,1-Dichloroethene	4260	4420	104	3	30	68-138	
1,1-Dichloroethane	4260	4690	110	11	30	79-119	
trans-1,2-Dichloroethene	4260	4320	101	6	30	73-119	
cis-1,2-Dichloroethene	4260	4320	101	6	30	78-118	
Chloroform	4260	4300	101	5	30	81-122	
2-Butanone	4260	5700	134	5	30	70-139	
1,2-Dichloroethane	4260	4470	105	4	30	81-121	
1,1,1-Trichloroethane	4260	4260	100	3	30	78-118	
Carbon tetrachloride	4260	4700	110	15	30	64-130	
Benzene	4260	4350	102	4	30	71-118	
Bromoform	4260	4020	94	3	30	76-133	
Styrene	4260	4590	108	7	30	73-126	
m&p-Xylene	8520	9050	106	3	30	78-127	
o-Xylene	4260	4550	106	6	30	77-122	
Ethylbenzene	4260	4590	107	5	30	78-124	
Chlorobenzene	4260	4430	104	7	30	69-124	
Cyclohexane	4260	4840	114	1	30	69-128	
Isopropylbenzene	4260	4550	106	5	30	80-143	
2-Hexanone	4260	5030	118	13	30	62-123	
MTBE	4260	4400	103	2	30	65-143	
Freon TF	4260	3260	77	4	30	50-128	
Methyl acetate	4260	5350	126	23	30	72-165	
1,4-Dioxane	31900	23800	74	NC	30	54-147	
Trichloroethene	4260	4250	100	2	30	82-122	
Toluene	4260	4530	99	4	30	79-136	
trans-1,3-Dichloropropene	4260	4320	102	6	30	73-118	
4-Methyl-2-pentanone	4260	4760	112	2	30	69-124	
cis-1,3-Dichloropropene	4260	4250	100	6	30	75-120	
1,2-Dichlorobenzene	4260	4560	107	7	30	83-123	
1,3-Dichlorobenzene	4260	4550	107	5	30	83-123	
1,4-Dichlorobenzene	4260	4630	106	5	30	84-124	
1,2,4-Trichlorobenzene	4260	4830	114	12	30	62-144	
1,2,3-Trichlorobenzene	4260	5100	120	14	30	36-207	
1,2-Dichloropropane	4260	4610	108	8	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d23219.d

Lab ID: 460-42971-B-8-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	4260	3970	91	2	30	80-134	
Tetrachloroethene	4260	4330	102	2	30	78-136	
1,2-Dibromo-3-Chloropropane	4260	4820	113	6	30	62-127	
1,1,2,2-Tetrachloroethane	4260	4920	116	2	30	86-145	
1,1,2-Trichloroethane	4260	4410	104	4	30	77-120	
Dibromochloromethane	4260	3960	93	0	30	78-118	
1,2-Dibromoethane	4260	4390	103	7	30	76-120	
Dichlorodifluoromethane	4260	5200	122	45	30	41-149	F
Bromochloromethane	4260	4130	97	1	30	81-121	
Bromodichloromethane	4260	4420	104	6	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k02958.d

Lab ID: 460-42904-B-4 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	100	139	139	2	30	58-146	
Bromomethane	100	103	103	3	30	55-153	
Vinyl chloride	100	127	125	2	30	61-144	
Chloroethane	100	127	127	3	30	69-145	
Methylene Chloride	100	120	120	2	30	79-119	F
Acetone	100	131	131	4	30	45-156	
Carbon disulfide	100	128	128	2	30	58-139	
Trichlorofluoromethane	100	103	103	1	30	69-147	
1,1-Dichloroethene	100	110	110	4	30	56-139	
1,1-Dichloroethane	100	113	112	1	30	78-122	
trans-1,2-Dichloroethene	100	102	102	1	30	75-122	
cis-1,2-Dichloroethene	100	104	103	12	30	80-120	
Chloroform	100	101	101	1	30	82-123	
2-Butanone	100	110	110	0	30	65-114	
1,2-Dichloroethane	100	99.1	99	1	30	74-118	
1,1,1-Trichloroethane	100	92.7	93	2	30	74-128	
Carbon tetrachloride	100	91.1	91	1	30	73-120	
Benzene	100	110	104	2	30	83-124	
Bromoform	100	86.6	87	0	30	73-123	
Styrene	100	96.4	96	3	30	69-112	
m&p-Xylene	200	187	94	2	30	76-120	
o-Xylene	100	96.6	97	3	30	78-118	
Ethylbenzene	100	92.4	92	3	30	79-126	
Chlorobenzene	100	94.5	94	2	30	81-121	
Cyclohexane	100	113	111	4	30	58-133	
Isopropylbenzene	100	92.0	92	2	30	80-125	
2-Hexanone	100	121	121	1	30	53-121	
MTBE	100	99.2	98	0	30	71-115	
Freon TF	100	110	110	1	30	47-139	
Methyl acetate	100	116	116	1	30	50-151	
1,4-Dioxane	750	712	95	1	30	52-126	
Trichloroethene	100	95.7	95	4	30	78-119	
Toluene	100	94.9	95	2	30	80-120	
trans-1,3-Dichloropropene	100	95.5	96	3	30	78-118	
4-Methyl-2-pentanone	100	120	120	1	30	53-120	
cis-1,3-Dichloropropene	100	97.5	98	3	30	80-120	
1,2-Dichlorobenzene	100	96.5	97	6	30	82-122	
1,3-Dichlorobenzene	100	98.2	98	3	30	81-126	
1,4-Dichlorobenzene	100	96.8	97	3	30	83-123	
1,2,4-Trichlorobenzene	100	97.6	98	10	30	66-120	
1,2,3-Trichlorobenzene	100	104	104	17	30	76-123	
1,2-Dichloropropane	100	107	107	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k02958.d

Lab ID: 460-42904-B-4 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	100	99.3	98	3	30	61-129	
Tetrachloroethene	100	90.4	90	13	30	68-139	
1,2-Dibromo-3-Chloropropane	100	121	121	10	30	70-116	F
1,1,2,2-Tetrachloroethane	100	118	118	2	30	74-126	
1,1,2-Trichloroethane	100	107	107	4	30	79-119	
Dibromochloromethane	100	91.4	91	0	30	80-120	
1,2-Dibromoethane	100	97.7	98	1	30	78-118	
Dichlorodifluoromethane	100	97.7	98	2	30	46-145	
Bromochloromethane	100	90.8	91	0	30	80-121	
Bromodichloromethane	100	96.5	97	1	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63017.d Lab Sample ID: MB 460-122620/21

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 08/03/2012 22:22

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-122620/17	o63012.d	08/03/2012 19:27
	LCSD 460-122620/18	o63013.d	08/03/2012 19:52
	LB3 460-122188/1-A	o63016.d	08/03/2012 21:57

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63148.d Lab Sample ID: MB 460-123008/16

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 08/07/2012 21:07

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-123008/3	o63144.d	08/07/2012 19:09
	LCSD 460-123008/4	o63145.d	08/07/2012 19:34
20120731SB-394V0-2N	460-42971-7	o63157.d	08/08/2012 01:06
20120731SB-393V0-2N	460-42971-9	o63158.d	08/08/2012 01:31
20120731SB-393V7-8N	460-42971-10	o63159.d	08/08/2012 01:56
20120731SB-392V0-2N	460-42971-11	o63160.d	08/08/2012 02:21
20120731SB-392V7-8N	460-42971-12	o63161.d	08/08/2012 02:45
20120731SB-387V0-2N	460-42971-13	o63162.d	08/08/2012 03:10
20120731SB-387V3-4N	460-42971-14	o63163.d	08/08/2012 03:35

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63243.d Lab Sample ID: MB 460-123371/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 08/09/2012 22:24

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-123371/3	o63239.d	08/09/2012 19:58
	LCSD 460-123371/4	o63240.d	08/09/2012 20:23
20120731SB-397V0-2N	460-42971-3	o63258.d	08/10/2012 04:50
20120731SB-394V7-8N	460-42971-8	o63259.d	08/10/2012 05:15

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63269.d Lab Sample ID: MB 460-123432/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 08/10/2012 09:47

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-123432/3	o63266.d	08/10/2012 08:26
20120731SB-397V0-2N MSD	460-42971-3 MSD	o63280.d	08/10/2012 14:36
20120731SB-397V0-2N MS	460-42971-3 MS	o63281.d	08/10/2012 15:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63353.d Lab Sample ID: MB 460-123838/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 08/13/2012 21:14

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-123838/3	o63349.d	08/13/2012 18:46
	LCSD 460-123838/4	o63350.d	08/13/2012 19:11
20120731SB-396V0-2N	460-42971-1	o63354.d	08/13/2012 21:46

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: d23214.d Lab Sample ID: MB 460-123251/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 08/09/2012 11:38

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-123251/3	d23211.d	08/09/2012 10:21
	460-42971-B-8-A MS	d23218.d	08/09/2012 13:33
	460-42971-B-8-A MSD	d23219.d	08/09/2012 13:57
20120731SB-397V5-6N	460-42971-6	d23222.d	08/09/2012 15:08
20120731FD	460-42971-16	d23223.d	08/09/2012 15:31

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: k03055.d Lab Sample ID: MB 460-122835/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS9 Date Analyzed: 08/06/2012 23:44

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-122835/3	k03050.d	08/06/2012 21:21
	LCSD 460-122835/4	k03051.d	08/06/2012 21:43
20120731SB-396V6-7N	460-42971-2	k03063.d	08/07/2012 02:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: k02947.d Lab Sample ID: MB 460-122264/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS9 Date Analyzed: 08/02/2012 10:20

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-122264/3	k02944.d	08/02/2012 09:05
	460-42904-B-4 MS	k02957.d	08/02/2012 14:23
	460-42904-B-4 MSD	k02958.d	08/02/2012 14:46
20120731TB	460-42971-17	k02962.d	08/02/2012 16:21
20120731EB	460-42971-15	k02963.d	08/02/2012 16:45

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o62497.d BFB Injection Date: 07/20/2012

Instrument ID: VOAMS12 BFB Injection Time: 22:55

Analysis Batch No.: 121151

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	47.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.9	(0.9)1
174	50.0 - 120.00 % of mass 95	96.6	
175	5.0 - 9.0 % of mass 174	7.2	(7.5)1
176	95.0 - 101.0 % of mass 174	97.3	(100.8)1
177	5.0 - 9.0 % of mass 176	5.7	(5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-121151/2	o62499.d	07/21/2012	00:10
	IC 460-121151/3	o62501.d	07/21/2012	01:00
	ICIS 460-121151/4	o62502.d	07/21/2012	01:25
	IC 460-121151/5	o62503.d	07/21/2012	01:50
	IC 460-121151/6	o62504.d	07/21/2012	02:15
	IC 460-121151/7	o62505.d	07/21/2012	02:40

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63010.d BFB Injection Date: 08/03/2012

Instrument ID: VOAMS12 BFB Injection Time: 18:21

Analysis Batch No.: 122620

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.4	
75	30.0 - 60.0 % of mass 95	44.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	92.9	
175	5.0 - 9.0 % of mass 174	7.2	(7.7)1
176	95.0 - 101.0 % of mass 174	88.9	(95.7)1
177	5.0 - 9.0 % of mass 176	5.8	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-122620/16	o63011.d	08/03/2012	18:50
	LCS 460-122620/17	o63012.d	08/03/2012	19:27
	LCSD 460-122620/18	o63013.d	08/03/2012	19:52
	LB3 460-122188/1-A	o63016.d	08/03/2012	21:57
	MB 460-122620/21	o63017.d	08/03/2012	22:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63142.d BFB Injection Date: 08/07/2012

Instrument ID: VOAMS12 BFB Injection Time: 18:21

Analysis Batch No.: 123008

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.7	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.4	(0.4)1
174	50.0 - 120.00 % of mass 95	93.8	
175	5.0 - 9.0 % of mass 174	7.8	(8.4)1
176	95.0 - 101.0 % of mass 174	94.5	(100.7)1
177	5.0 - 9.0 % of mass 176	6.1	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-123008/2	o63143.d	08/07/2012	18:44
	LCS 460-123008/3	o63144.d	08/07/2012	19:09
	LCSD 460-123008/4	o63145.d	08/07/2012	19:34
	MB 460-123008/16	o63148.d	08/07/2012	21:07
20120731SB-394V0-2N	460-42971-7	o63157.d	08/08/2012	01:06
20120731SB-393V0-2N	460-42971-9	o63158.d	08/08/2012	01:31
20120731SB-393V7-8N	460-42971-10	o63159.d	08/08/2012	01:56
20120731SB-392V0-2N	460-42971-11	o63160.d	08/08/2012	02:21
20120731SB-392V7-8N	460-42971-12	o63161.d	08/08/2012	02:45
20120731SB-387V0-2N	460-42971-13	o63162.d	08/08/2012	03:10
20120731SB-387V3-4N	460-42971-14	o63163.d	08/08/2012	03:35

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63237.d BFB Injection Date: 08/09/2012

Instrument ID: VOAMS12 BFB Injection Time: 19:07

Analysis Batch No.: 123371

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	46.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	90.3	
175	5.0 - 9.0 % of mass 174	7.6	(8.4)1
176	95.0 - 101.0 % of mass 174	86.7	(96.0)1
177	5.0 - 9.0 % of mass 176	5.8	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-123371/2	o63238.d	08/09/2012	19:33
	LCS 460-123371/3	o63239.d	08/09/2012	19:58
	LCSD 460-123371/4	o63240.d	08/09/2012	20:23
	MB 460-123371/5	o63243.d	08/09/2012	22:24
20120731SB-397V0-2N	460-42971-3	o63258.d	08/10/2012	04:50
20120731SB-394V7-8N	460-42971-8	o63259.d	08/10/2012	05:15

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63263.d BFB Injection Date: 08/10/2012

Instrument ID: VOAMS12 BFB Injection Time: 07:14

Analysis Batch No.: 123432

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	89.6	
175	5.0 - 9.0 % of mass 174	7.2	(8.1)1
176	95.0 - 101.0 % of mass 174	87.2	(97.4)1
177	5.0 - 9.0 % of mass 176	5.5	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-123432/2	o63264.d	08/10/2012	07:36
	LCS 460-123432/3	o63266.d	08/10/2012	08:26
	MB 460-123432/5	o63269.d	08/10/2012	09:47
20120731SB-397V0-2N MSD	460-42971-3 MSD	o63280.d	08/10/2012	14:36
20120731SB-397V0-2N MS	460-42971-3 MS	o63281.d	08/10/2012	15:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: o63347.d BFB Injection Date: 08/13/2012

Instrument ID: VOAMS12 BFB Injection Time: 17:49

Analysis Batch No.: 123838

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	46.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	90.2	
175	5.0 - 9.0 % of mass 174	7.5	(8.3)1
176	95.0 - 101.0 % of mass 174	89.1	(98.8)1
177	5.0 - 9.0 % of mass 176	5.5	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-123838/2	o63348.d	08/13/2012	18:21
	LCS 460-123838/3	o63349.d	08/13/2012	18:46
	LCSD 460-123838/4	o63350.d	08/13/2012	19:11
	MB 460-123838/5	o63353.d	08/13/2012	21:14
20120731SB-396V0-2N	460-42971-1	o63354.d	08/13/2012	21:46

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: d23147.d BFB Injection Date: 08/07/2012

Instrument ID: VOAMS4 BFB Injection Time: 20:14

Analysis Batch No.: 123076

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.9	
75	30.0 - 60.0 % of mass 95	43.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	87.9	
175	5.0 - 9.0 % of mass 174	7.0	(8.0)1
176	95.0 - 101.0 % of mass 174	86.2	(98.0)1
177	5.0 - 9.0 % of mass 176	6.2	(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-123076/2	d23152.d	08/07/2012	22:06
	IC 460-123076/3	d23153.d	08/07/2012	22:29
	ICIS 460-123076/4	d23154.d	08/07/2012	22:52
	IC 460-123076/5	d23155.d	08/07/2012	23:14
	IC 460-123076/6	d23156.d	08/07/2012	23:37
	IC 460-123076/7	d23157.d	08/08/2012	00:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: d23209.d BFB Injection Date: 08/09/2012

Instrument ID: VOAMS4 BFB Injection Time: 09:14

Analysis Batch No.: 123251

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.8	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	88.9	
175	5.0 - 9.0 % of mass 174	6.6	(7.4)1
176	95.0 - 101.0 % of mass 174	85.6	(96.3)1
177	5.0 - 9.0 % of mass 176	5.5	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-123251/2	d23210.d	08/09/2012	09:29
	LCS 460-123251/3	d23211.d	08/09/2012	10:21
	MB 460-123251/4	d23214.d	08/09/2012	11:38
	460-42971-B-8-A MS MS	d23218.d	08/09/2012	13:33
	460-42971-B-8-A MSD MSD	d23219.d	08/09/2012	13:57
20120731SB-397V5-6N	460-42971-6	d23222.d	08/09/2012	15:08
20120731FD	460-42971-16	d23223.d	08/09/2012	15:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: k02505.d BFB Injection Date: 07/23/2012

Instrument ID: VOAMS9 BFB Injection Time: 19:30

Analysis Batch No.: 120997

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.8	
75	30.0 - 60.0 % of mass 95	44.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	99.3	
175	5.0 - 9.0 % of mass 174	7.8	(7.9)1
176	95.0 - 101.0 % of mass 174	97.7	(98.4)1
177	5.0 - 9.0 % of mass 176	6.7	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-120997/2	k02507.d	07/23/2012	20:21
	IC 460-120997/3	k02511.d	07/23/2012	22:26
	IC 460-120997/4	k02512.d	07/23/2012	22:49
	IC 460-120997/5	k02513.d	07/23/2012	23:12
	IC 460-120997/6	k02514.d	07/23/2012	23:35
	IC 460-120997/7	k02515.d	07/23/2012	23:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: k02942.d BFB Injection Date: 08/02/2012

Instrument ID: VOAMS9 BFB Injection Time: 08:19

Analysis Batch No.: 122264

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.4	
75	30.0 - 60.0 % of mass 95	46.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	79.6	
175	5.0 - 9.0 % of mass 174	6.6	(8.3)1
176	95.0 - 101.0 % of mass 174	76.4	(96.0)1
177	5.0 - 9.0 % of mass 176	5.9	(7.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-122264/2	k02943.d	08/02/2012	08:34
	LCS 460-122264/3	k02944.d	08/02/2012	09:05
	MB 460-122264/4	k02947.d	08/02/2012	10:20
	460-42904-B-4 MS	k02957.d	08/02/2012	14:23
	460-42904-B-4 MSD	k02958.d	08/02/2012	14:46
20120731TB	460-42971-17	k02962.d	08/02/2012	16:21
20120731EB	460-42971-15	k02963.d	08/02/2012	16:45

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: k02980.d BFB Injection Date: 08/03/2012

Instrument ID: VOAMS9 BFB Injection Time: 18:42

Analysis Batch No.: 122615

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	49.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	85.5	
175	5.0 - 9.0 % of mass 174	7.6	(8.9)1
176	95.0 - 101.0 % of mass 174	81.4	(95.2)1
177	5.0 - 9.0 % of mass 176	5.6	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-122615/2	k02982.d	08/03/2012	19:37
	IC 460-122615/3	k02983.d	08/03/2012	19:59
	ICIS 460-122615/4	k02984.d	08/03/2012	20:20
	IC 460-122615/5	k02985.d	08/03/2012	20:41
	IC 460-122615/6	k02986.d	08/03/2012	21:02
	IC 460-122615/7	k02987.d	08/03/2012	21:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: k03048.d BFB Injection Date: 08/06/2012

Instrument ID: VOAMS9 BFB Injection Time: 19:46

Analysis Batch No.: 122835

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.7	
75	30.0 - 60.0 % of mass 95	48.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.6	(0.7)1
174	50.0 - 120.00 % of mass 95	85.2	
175	5.0 - 9.0 % of mass 174	6.9	(8.1)1
176	95.0 - 101.0 % of mass 174	81.2	(95.3)1
177	5.0 - 9.0 % of mass 176	5.6	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-122835/2	k03049.d	08/06/2012	20:39
	LCS 460-122835/3	k03050.d	08/06/2012	21:21
	LCSD 460-122835/4	k03051.d	08/06/2012	21:43
	MB 460-122835/6	k03055.d	08/06/2012	23:44
20120731SB-396V6-7N	460-42971-2	k03063.d	08/07/2012	02:36

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122620/16 Date Analyzed: 08/03/2012 18:50

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o63011.d Heated Purge: (Y/N) Y

Calibration ID: 16505

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		505646	3.70	383788	7.27	222676	10.94
UPPER LIMIT		1011292	4.20	767576	7.77	445352	11.44
LOWER LIMIT		252823	3.20	191894	6.77	111338	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-122620/17		503859	3.70	381572	7.27	221075	10.94
LCSD 460-122620/18		492877	3.70	380844	7.27	222255	10.94
LB3 460-122188/1-A		546813	3.70	401861	7.27	235726	10.94
MB 460-122620/21		477090	3.70	371099	7.27	220551	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-123008/2 Date Analyzed: 08/07/2012 18:44

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o63143.d Heated Purge: (Y/N) Y

Calibration ID: 16505

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		534679	3.70	405546	7.27	231659	10.94
UPPER LIMIT		1069358	4.20	811092	7.77	463318	11.44
LOWER LIMIT		267340	3.20	202773	6.77	115830	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123008/3		525005	3.71	397007	7.27	224061	10.94
LCSD 460-123008/4		546739	3.70	416165	7.27	239498	10.94
MB 460-123008/16		522708	3.71	399390	7.27	235445	10.94
460-42971-7	20120731SB-394V0-2N	516390	3.71	377835	7.27	189819	10.94
460-42971-9	20120731SB-393V0-2N	554870	3.71	415263	7.27	243467	10.94
460-42971-10	20120731SB-393V7-8N	536386	3.71	398354	7.27	227714	10.94
460-42971-11	20120731SB-392V0-2N	530537	3.70	403027	7.27	236739	10.94
460-42971-12	20120731SB-392V7-8N	497005	3.71	385746	7.27	224631	10.94
460-42971-13	20120731SB-387V0-2N	519654	3.71	385883	7.27	207145	10.94
460-42971-14	20120731SB-387V3-4N	498541	3.71	377083	7.27	206344	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-123371/2 Date Analyzed: 08/09/2012 19:33

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o63238.d Heated Purge: (Y/N) Y

Calibration ID: 16505

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		544869	3.71	419024	7.27	239874	10.94
UPPER LIMIT		1089738	4.21	838048	7.77	479748	11.44
LOWER LIMIT		272435	3.21	209512	6.77	119937	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123371/3		544680	3.71	420867	7.27	235124	10.94
LCSD 460-123371/4		540483	3.71	421218	7.27	243768	10.94
MB 460-123371/5		536760	3.71	414742	7.27	232177	10.94
460-42971-3	20120731SB-397V0-2N	478527	3.71	352913	7.27	197834	10.94
460-42971-8	20120731SB-394V7-8N	457772	3.71	358395	7.27	210069	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-123432/2 Date Analyzed: 08/10/2012 07:36

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o63264.d Heated Purge: (Y/N) Y

Calibration ID: 16505

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		563620	3.71	436918	7.27	247237	10.94
UPPER LIMIT		1127240	4.21	873836	7.77	494474	11.44
LOWER LIMIT		281810	3.21	218459	6.77	123619	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123432/3		506398	3.71	405544	7.27	240767	10.94
MB 460-123432/5		499040	3.71	391593	7.27	236798	10.94
460-42971-3 MSD	20120731SB-397V0-2N MSD	407588	3.71	291251	7.27	134175	10.94
460-42971-3 MS	20120731SB-397V0-2N MS	426314	3.70	261872	7.27	86213*	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-123838/2 Date Analyzed: 08/13/2012 18:21

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o63348.d Heated Purge: (Y/N) Y

Calibration ID: 16505

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		525677	3.70	408674	7.27	230934	10.94
UPPER LIMIT		1051354	4.20	817348	7.77	461868	11.44
LOWER LIMIT		262839	3.20	204337	6.77	115467	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123838/3		483012	3.70	388430	7.27	230302	10.94
LCSD 460-123838/4		484564	3.71	391698	7.27	227397	10.94
MB 460-123838/5		492426	3.71	392862	7.27	232423	10.94
460-42971-1	20120731SB-396V0-2N	491215	3.70	386258	7.27	202176	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-123251/2 Date Analyzed: 08/09/2012 09:29

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d23210.d Heated Purge: (Y/N) N

Calibration ID: 16814

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		761141	4.60	472517	7.94	257634	9.85
UPPER LIMIT		1522282	5.10	945034	8.44	515268	10.35
LOWER LIMIT		380571	4.10	236259	7.44	128817	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123251/3		713641	4.60	472233	7.94	241996	9.85
MB 460-123251/4		612443	4.59	428432	7.94	233822	9.85
460-42971-B-8-A MS		577171	4.60	417662	7.94	222217	9.85
460-42971-B-8-A MSD		588974	4.60	416695	7.94	225197	9.85
460-42971-6	20120731SB-397V5-6N	586673	4.60	422262	7.95	223003	9.85
460-42971-16	20120731FD	585926	4.60	429271	7.95	221976	9.85

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122264/2 Date Analyzed: 08/02/2012 08:34

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): k02943.d Heated Purge: (Y/N) N

Calibration ID: 16489

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		472194	5.44	329898	8.91	193288	11.00
UPPER LIMIT		944388	5.94	659796	9.41	386576	11.50
LOWER LIMIT		236097	4.94	164949	8.41	96644	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-122264/3		475465	5.44	328218	8.91	190582	11.00
MB 460-122264/4		447697	5.44	320576	8.91	173720	11.00
460-42904-B-4 MS		514056	5.44	356290	8.91	206279	11.00
460-42904-B-4 MSD		511369	5.44	352576	8.91	202154	11.01
460-42971-17	20120731TB	473413	5.44	332586	8.91	182615	11.00
460-42971-15	20120731EB	479614	5.44	336877	8.91	184200	11.00

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122835/2 Date Analyzed: 08/06/2012 20:39

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): k03049.d Heated Purge: (Y/N) Y

Calibration ID: 16646

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		624256	5.43	418222	8.90	223198	11.00
UPPER LIMIT		1248512	5.93	836444	9.40	446396	11.50
LOWER LIMIT		312128	4.93	209111	8.40	111599	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-122835/3		627269	5.43	413799	8.90	221986	11.00
LCSD 460-122835/4		648602	5.43	435436	8.90	229526	11.00
MB 460-122835/6		526497	5.43	356290	8.90	185368	11.00
460-42971-2	20120731SB-396V6-7N	625974	5.43	426578	8.91	220723	11.00

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V0-2N | Lab Sample ID: 460-42971-1

Matrix: Solid | Lab File ID: o63354.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:10

Sample wt/vol: 3.91(g) | Date Analyzed: 08/13/2012 21:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.1 | Level: (low/med) Low

Analysis Batch No.: 123838 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.23	U	1.5	0.23
74-83-9	Bromomethane	0.63	U	1.5	0.63
75-01-4	Vinyl chloride	0.49	U	1.5	0.49
75-00-3	Chloroethane	0.48	U	1.5	0.48
75-09-2	Methylene Chloride	0.39	J B	1.5	0.22
67-64-1	Acetone	5.9	J B	15	2.5
75-15-0	Carbon disulfide	0.22	U	1.5	0.22
75-69-4	Trichlorofluoromethane	23	B	1.5	0.23
75-35-4	1,1-Dichloroethene	0.28	U	1.5	0.28
75-34-3	1,1-Dichloroethane	0.16	U	1.5	0.16
156-60-5	trans-1,2-Dichloroethene	0.19	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	0.16	U	1.5	0.16
67-66-3	Chloroform	0.35	U	1.5	0.35
78-93-3	2-Butanone	0.92	U	15	0.92
107-06-2	1,2-Dichloroethane	0.26	U	1.5	0.26
71-55-6	1,1,1-Trichloroethane	0.19	U	1.5	0.19
56-23-5	Carbon tetrachloride	0.22	U	1.5	0.22
71-43-2	Benzene	0.22	U	1.5	0.22
75-25-2	Bromoform	0.25	U	1.5	0.25
100-42-5	Styrene	0.41	U	1.5	0.41
179601-23-1	m&p-Xylene	0.86	U	2.9	0.86
95-47-6	o-Xylene	0.28	U	1.5	0.28
100-41-4	Ethylbenzene	0.25	U	1.5	0.25
108-90-7	Chlorobenzene	0.26	U	1.5	0.26
110-82-7	Cyclohexane	0.19	U	1.5	0.19
98-82-8	Isopropylbenzene	0.16	U	1.5	0.16
591-78-6	2-Hexanone	0.19	U	15	0.19
1634-04-4	MTBE	0.16	U	1.5	0.16
76-13-1	Freon TF	0.16	U	1.5	0.16
79-20-9	Methyl acetate	0.47	U	1.5	0.47
123-91-1	1,4-Dioxane	18	U	73	18
79-01-6	Trichloroethene	0.17	U	1.5	0.17
108-88-3	Toluene	0.20	U	1.5	0.20
10061-02-6	trans-1,3-Dichloropropene	0.15	U	1.5	0.15
108-10-1	4-Methyl-2-pentanone	0.29	U	15	0.29
10061-01-5	cis-1,3-Dichloropropene	0.20	U	1.5	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V0-2N | Lab Sample ID: 460-42971-1

Matrix: Solid | Lab File ID: o63354.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:10

Sample wt/vol: 3.91(g) | Date Analyzed: 08/13/2012 21:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.1 | Level: (low/med) Low

Analysis Batch No.: 123838 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.15	U	1.5	0.15
541-73-1	1,3-Dichlorobenzene	0.23	U	1.5	0.23
106-46-7	1,4-Dichlorobenzene	0.16	U	1.5	0.16
120-82-1	1,2,4-Trichlorobenzene	0.28	U	1.5	0.28
87-61-6	1,2,3-Trichlorobenzene	0.23	U	1.5	0.23
78-87-5	1,2-Dichloropropane	0.22	U	1.5	0.22
108-87-2	Methylcyclohexane	0.29	J	1.5	0.15
127-18-4	Tetrachloroethene	0.17	U	1.5	0.17
96-12-8	1,2-Dibromo-3-Chloropropane	0.64	U	1.5	0.64
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	1.5	0.13
79-00-5	1,1,2-Trichloroethane	0.20	U	1.5	0.20
124-48-1	Dibromochloromethane	0.15	U	1.5	0.15
106-93-4	1,2-Dibromoethane	0.22	U	1.5	0.22
75-71-8	Dichlorodifluoromethane	0.32	U	1.5	0.32
74-97-5	Bromochloromethane	0.16	U	1.5	0.16
75-27-4	Bromodichloromethane	0.47	U	1.5	0.47

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	105		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63354.d
Report Date: 14-Aug-2012 13:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63354.d
Lab Smp Id: 460-42971-D-1-A Client Smp ID: 20120731SB-396V0-2N
Inj Date : 13-AUG-2012 21:46
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-D-1-A;;;3.91;5
Misc Info : 460-42971-D-1-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/8260L_10.m
Meth Date : 13-Aug-2012 20:17 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.91000	Weight of sample extracted (g)
M	12.10428	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
9 Trichlorofluoromethane	101	1.346	1.338	(0.363)	91570	16.1369	23
7 Acetone	43	1.654	1.654	(0.447)	3030	4.02528	5.8(a)
6 Methylene Chloride	84	1.897	1.897	(0.512)	859	0.26791	0.39(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	96611	47.8682	70
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	491215	50.0000	
126 Methyl cyclohexane	83	4.225	4.225	(1.141)	1332	0.19870	0.29(a)
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	381207	48.6576	71
* 32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	386258	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	148689	52.4979	76
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	202176	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63354.d
Report Date: 14-Aug-2012 13:34

QC Flag Legend

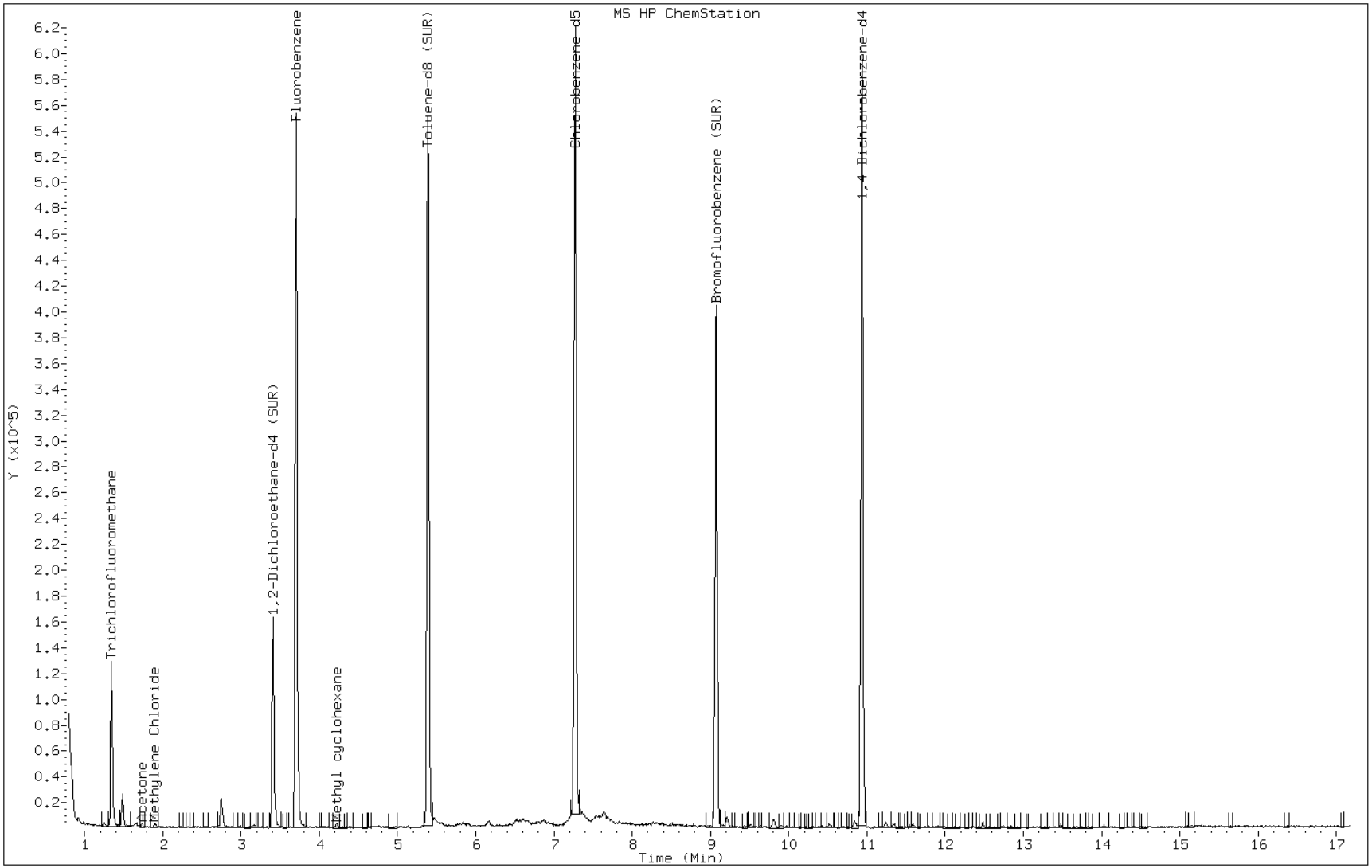
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o63354.d

Date: 13-AUG-2012 21:46

Client ID: 20120731SB-396V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-1-A;;;3.91;5 Operator: VOAMS 9



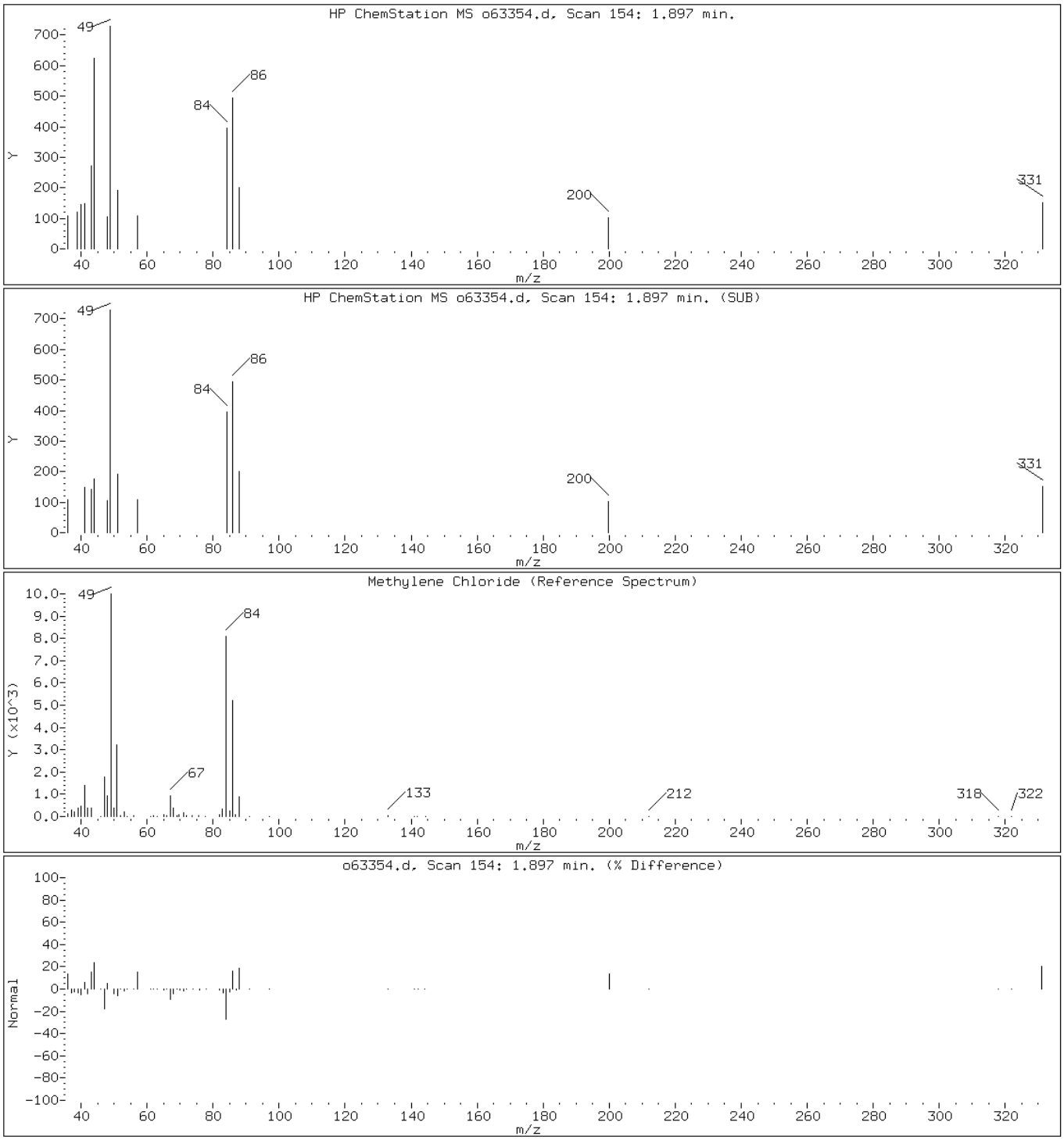
Data File: o63354.d

Date: 13-AUG-2012 21:46

Client ID: 20120731SB-396V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-1-A;;;3.91;5 Operator: VOAMS 9

6 Methylene Chloride



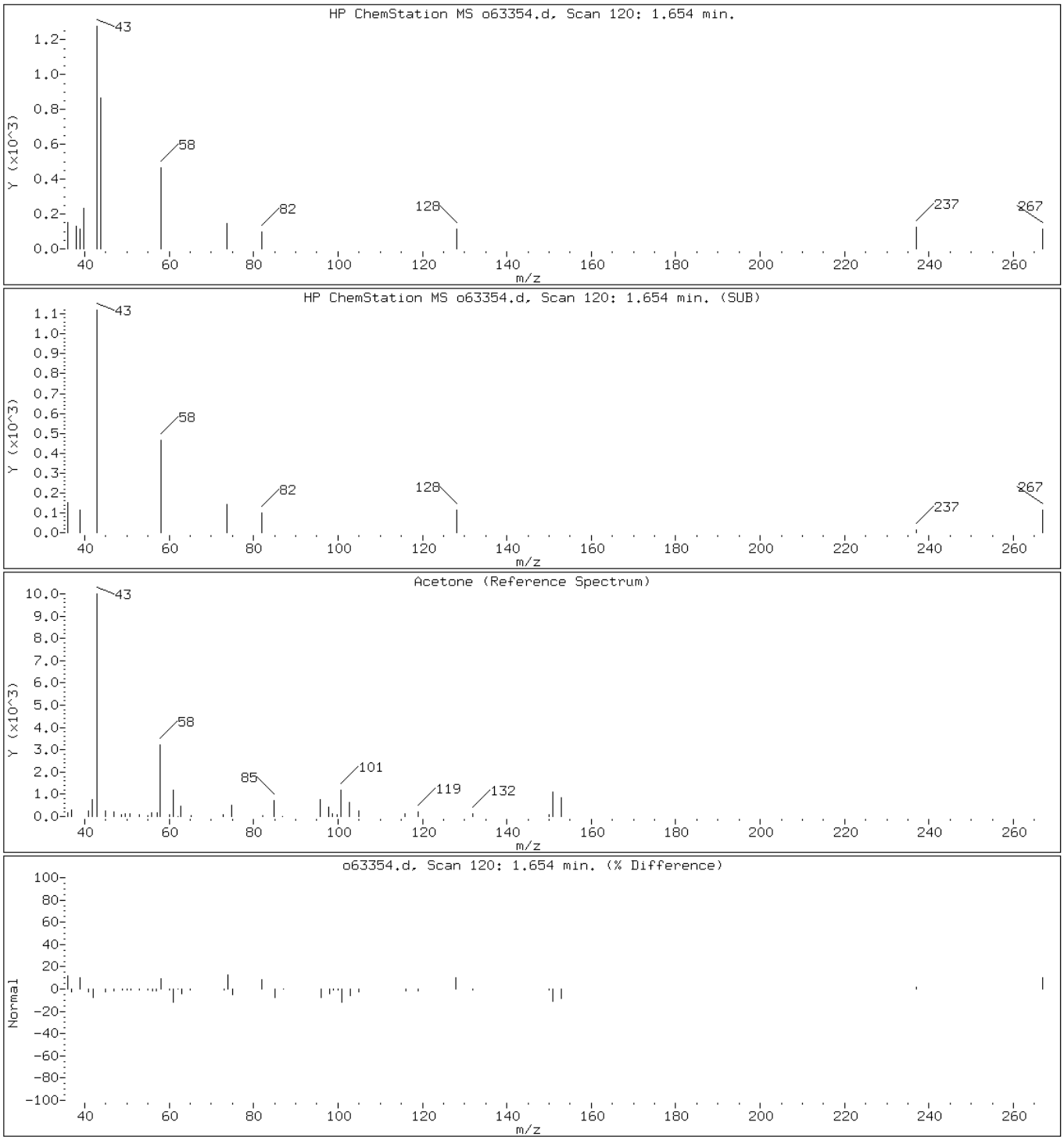
Data File: o63354.d

Date: 13-AUG-2012 21:46

Client ID: 20120731SB-396V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-1-A;;;3.91;5 Operator: VOAMS 9

7 Acetone



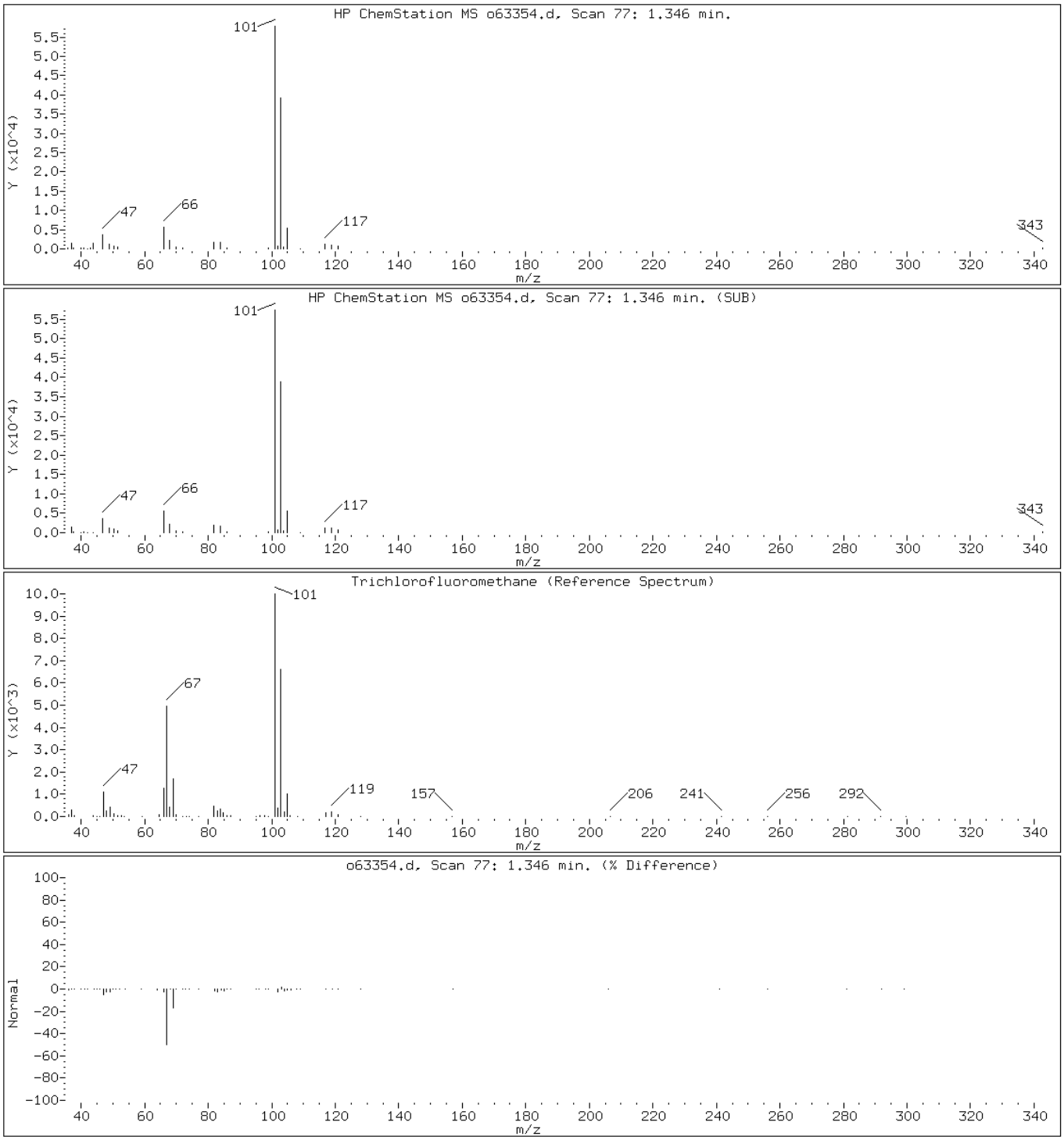
Data File: o63354.d

Date: 13-AUG-2012 21:46

Client ID: 20120731SB-396V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-1-A;;;3.91;5 Operator: VOAMS 9

9 Trichlorofluoromethane



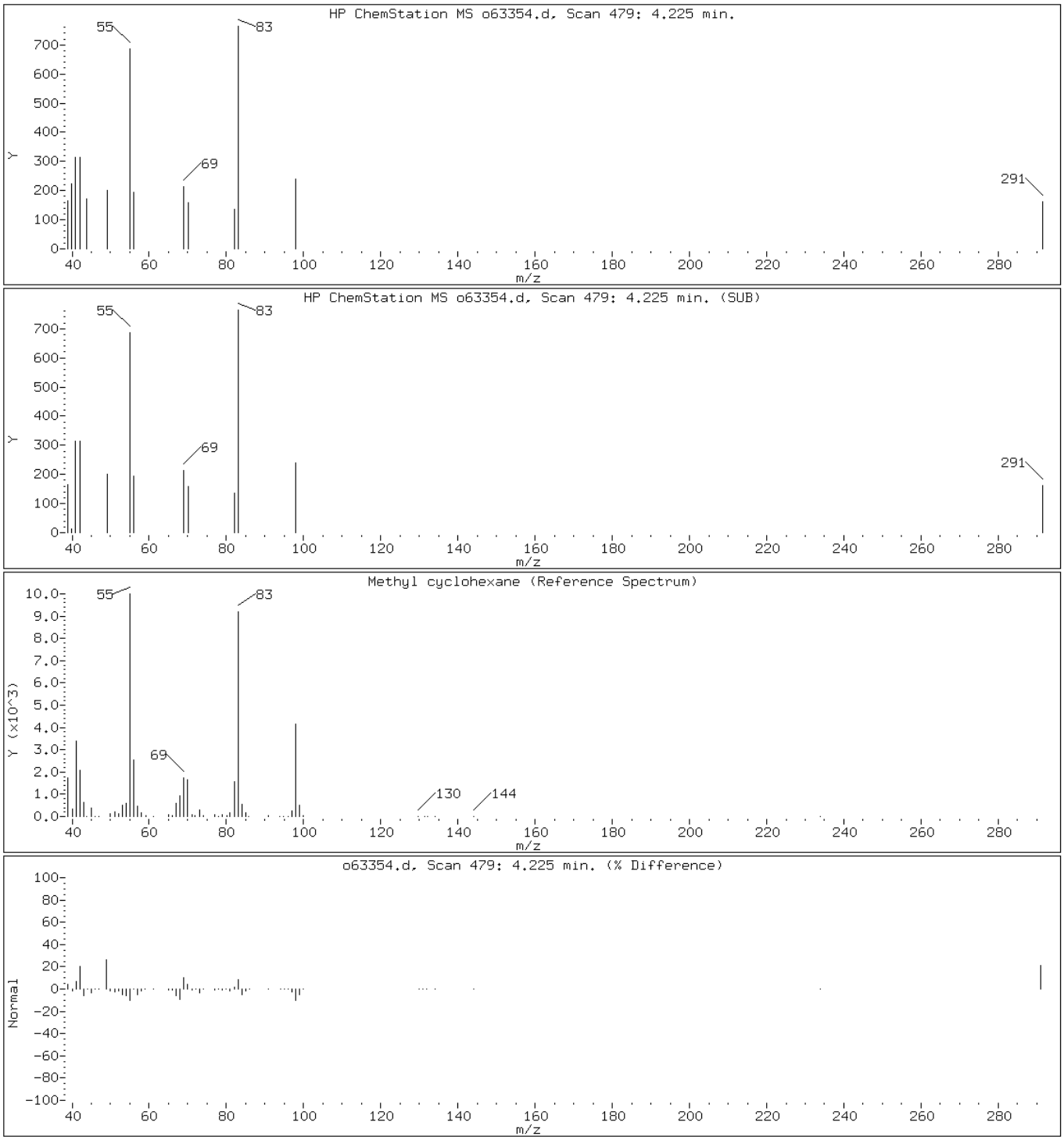
Data File: o63354.d

Date: 13-AUG-2012 21:46

Client ID: 20120731SB-396V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-1-A;;;3.91;5 Operator: VOAMS 9

126 Methyl cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V6-7N | Lab Sample ID: 460-42971-2

Matrix: Solid | Lab File ID: k03063.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:05

Sample wt/vol: 5.05(g) | Date Analyzed: 08/07/2012 02:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 31.2 | Level: (low/med) Low

Analysis Batch No.: 122835 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.23	U	1.4	0.23
74-83-9	Bromomethane	0.62	U	1.4	0.62
75-01-4	Vinyl chloride	0.49	U	1.4	0.49
75-00-3	Chloroethane	0.47	U	1.4	0.47
75-09-2	Methylene Chloride	0.76	J B	1.4	0.22
67-64-1	Acetone	5.3	J	14	2.4
75-15-0	Carbon disulfide	0.22	U	1.4	0.22
75-69-4	Trichlorofluoromethane	4.1		1.4	0.23
75-35-4	1,1-Dichloroethene	0.27	U	1.4	0.27
75-34-3	1,1-Dichloroethane	0.16	U	1.4	0.16
156-60-5	trans-1,2-Dichloroethene	0.19	U	1.4	0.19
156-59-2	cis-1,2-Dichloroethene	0.16	U	1.4	0.16
67-66-3	Chloroform	0.35	U	1.4	0.35
78-93-3	2-Butanone	0.91	U *	14	0.91
107-06-2	1,2-Dichloroethane	0.26	U	1.4	0.26
71-55-6	1,1,1-Trichloroethane	0.19	U	1.4	0.19
56-23-5	Carbon tetrachloride	0.22	U	1.4	0.22
71-43-2	Benzene	0.22	U	1.4	0.22
75-25-2	Bromoform	0.24	U	1.4	0.24
100-42-5	Styrene	0.40	U	1.4	0.40
179601-23-1	m&p-Xylene	0.85	U	2.9	0.85
95-47-6	o-Xylene	0.27	U	1.4	0.27
100-41-4	Ethylbenzene	0.24	U	1.4	0.24
108-90-7	Chlorobenzene	0.26	U	1.4	0.26
110-82-7	Cyclohexane	0.19	U	1.4	0.19
98-82-8	Isopropylbenzene	0.16	U	1.4	0.16
591-78-6	2-Hexanone	0.19	U *	14	0.19
1634-04-4	MTBE	0.16	U	1.4	0.16
76-13-1	Freon TF	0.16	U	1.4	0.16
79-20-9	Methyl acetate	0.46	U	1.4	0.46
123-91-1	1,4-Dioxane	18	U	72	18
79-01-6	Trichloroethene	0.17	U	1.4	0.17
108-88-3	Toluene	0.20	U	1.4	0.20
10061-02-6	trans-1,3-Dichloropropene	0.14	U	1.4	0.14
108-10-1	4-Methyl-2-pentanone	0.29	U *	14	0.29
10061-01-5	cis-1,3-Dichloropropene	0.20	U	1.4	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V6-7N | Lab Sample ID: 460-42971-2

Matrix: Solid | Lab File ID: k03063.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:05

Sample wt/vol: 5.05(g) | Date Analyzed: 08/07/2012 02:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 31.2 | Level: (low/med) Low

Analysis Batch No.: 122835 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.14	U	1.4	0.14
541-73-1	1,3-Dichlorobenzene	0.23	U	1.4	0.23
106-46-7	1,4-Dichlorobenzene	0.16	U	1.4	0.16
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.4	0.27
87-61-6	1,2,3-Trichlorobenzene	0.23	U	1.4	0.23
78-87-5	1,2-Dichloropropane	0.22	U	1.4	0.22
108-87-2	Methylcyclohexane	0.14	U	1.4	0.14
127-18-4	Tetrachloroethene	0.17	U	1.4	0.17
96-12-8	1,2-Dibromo-3-Chloropropane	0.63	U	1.4	0.63
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	1.4	0.13
79-00-5	1,1,2-Trichloroethane	0.20	U	1.4	0.20
124-48-1	Dibromochloromethane	0.14	U	1.4	0.14
106-93-4	1,2-Dibromoethane	0.22	U	1.4	0.22
75-71-8	Dichlorodifluoromethane	0.32	U	1.4	0.32
74-97-5	Bromochloromethane	0.16	U	1.4	0.16
75-27-4	Bromodichloromethane	0.46	U	1.4	0.46

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03063.d
Report Date: 08-Aug-2012 10:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03063.d
Lab Smp Id: 460-42971-C-2-A Client Smp ID: 20120731SB-396V6-7N
Inj Date : 07-AUG-2012 02:36
Operator : VOAMS 9 Inst ID: VOAMS9.i
Smp Info : 460-42971-C-2-A;;;5.05;5
Misc Info : 460-42971-C-2-A
Comment :
Method : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 14:01 vibha Quant Type: ISTD
Cal Date : 03-AUG-2012 21:24 Cal File: k02987.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.05000	Weight of sample extracted (g)
M	31.16371	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
9 Trichlorofluoromethane	101	2.396	2.385	(0.441)	19296	2.86650	4.1
7 Acetone	43	2.898	2.893	(0.533)	3067	3.68729	5.3(a)
6 Methylene Chloride	84	3.262	3.252	(0.600)	1936	0.53044	0.76(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.161	5.156	(0.950)	164157	58.2675	84
* 69 Fluorobenzene	96	5.434	5.429	(1.000)	625974	50.0000	
$ 37 Toluene-d8 (SUR)	98	7.114	7.109	(0.799)	545534	51.9889	75
* 32 Chlorobenzene-d5	117	8.906	8.901	(1.000)	426578	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	10.142	10.137	(0.922)	187319	50.4758	73
* 91 1,4-Dichlorobenzene-d4	152	11.003	10.998	(1.000)	220723	50.0000	

QC Flag Legend

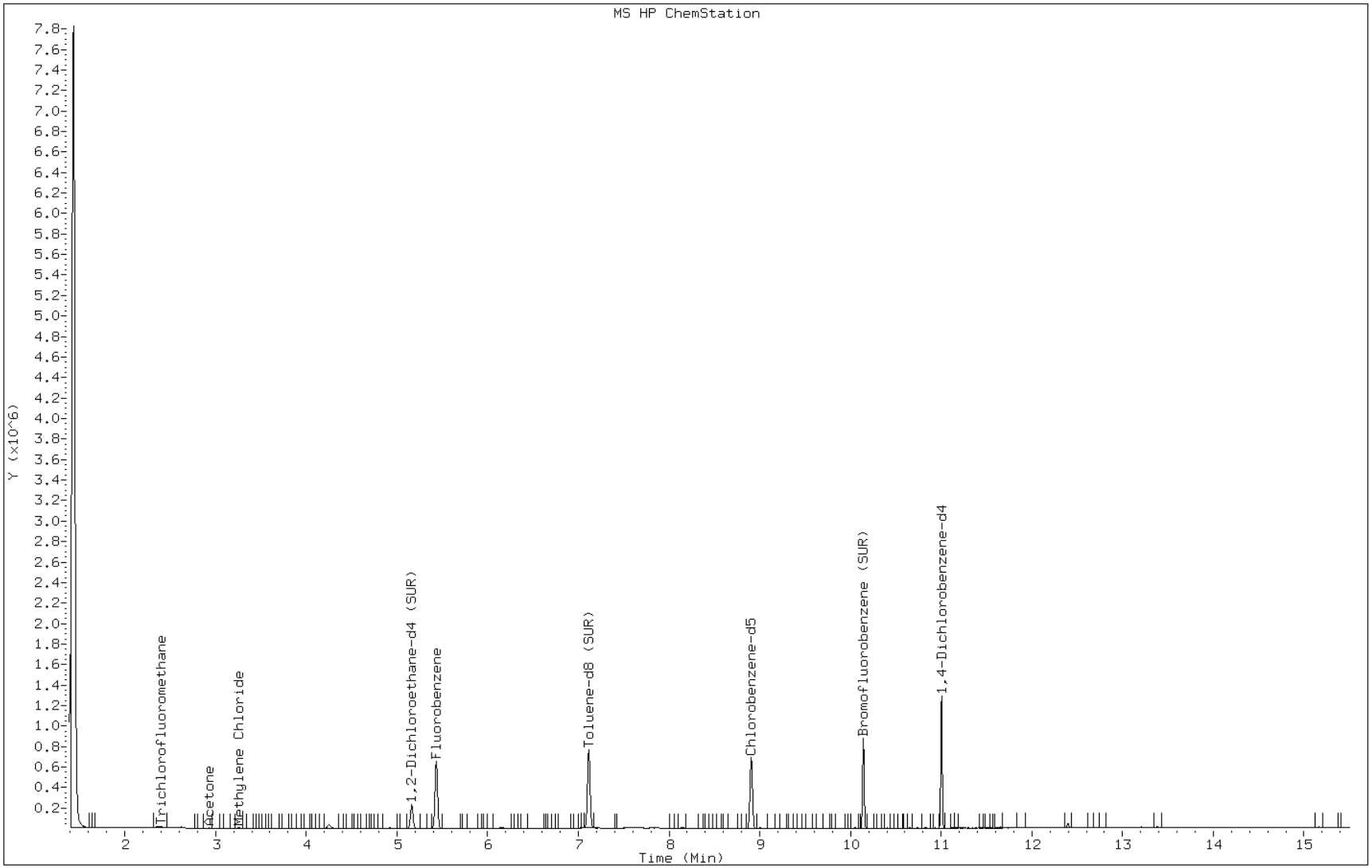
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: k03063.d

Date: 07-AUG-2012 02:36

Client ID: 20120731SB-396V6-7N Instrument: VOAMS9.i

Sample Info: 460-42971-C-2-A;;;5.05;5 Operator: VOAMS 9



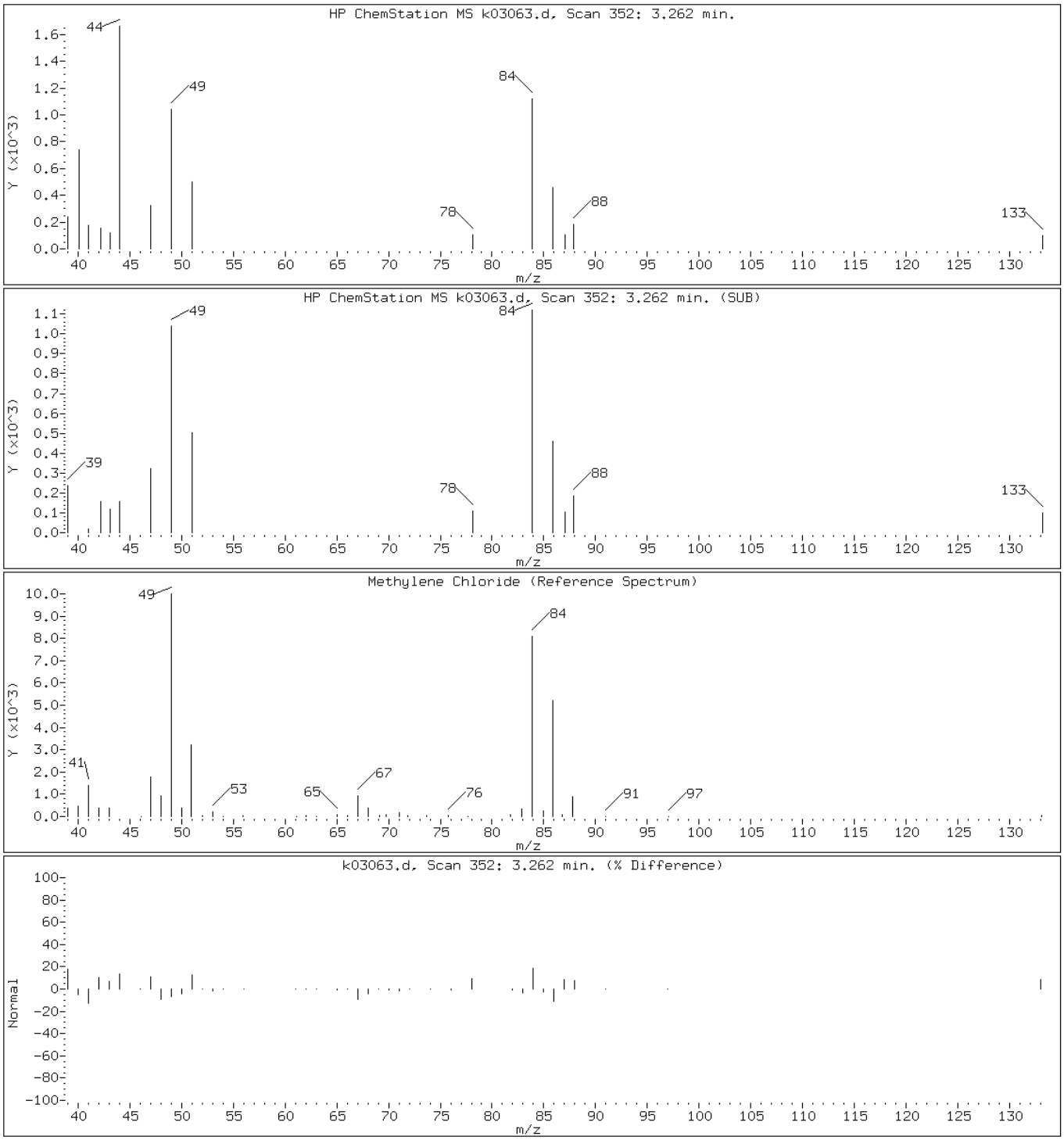
Data File: k03063.d

Date: 07-AUG-2012 02:36

Client ID: 20120731SB-396V6-7N Instrument: VOAMS9.i

Sample Info: 460-42971-C-2-A;;;5.05;5 Operator: VOAMS 9

6 Methylene Chloride



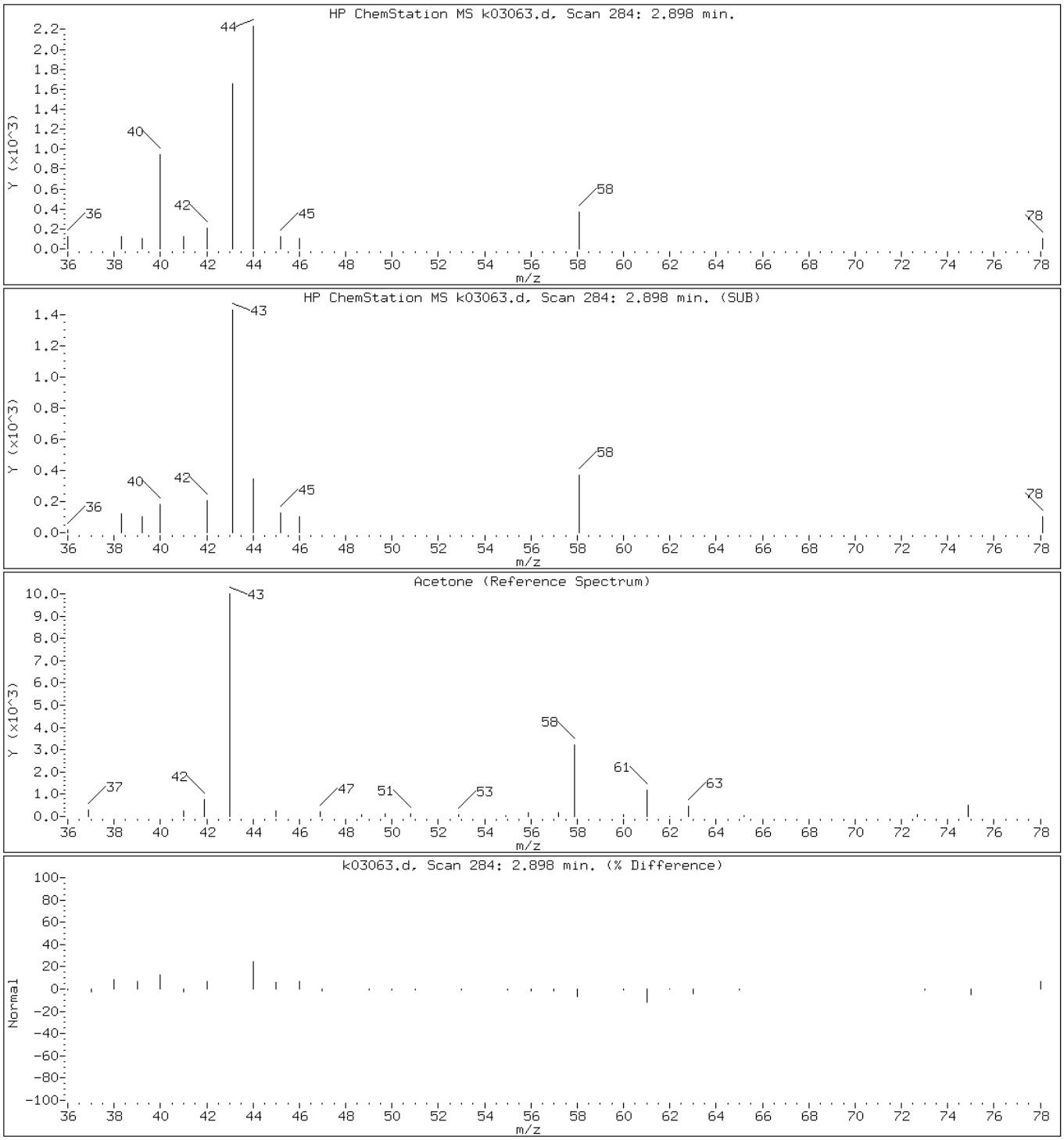
Data File: k03063.d

Date: 07-AUG-2012 02:36

Client ID: 20120731SB-396V6-7N Instrument: VOAMS9.i

Sample Info: 460-42971-C-2-A;;;5.05;5 Operator: VOAMS 9

7 Acetone



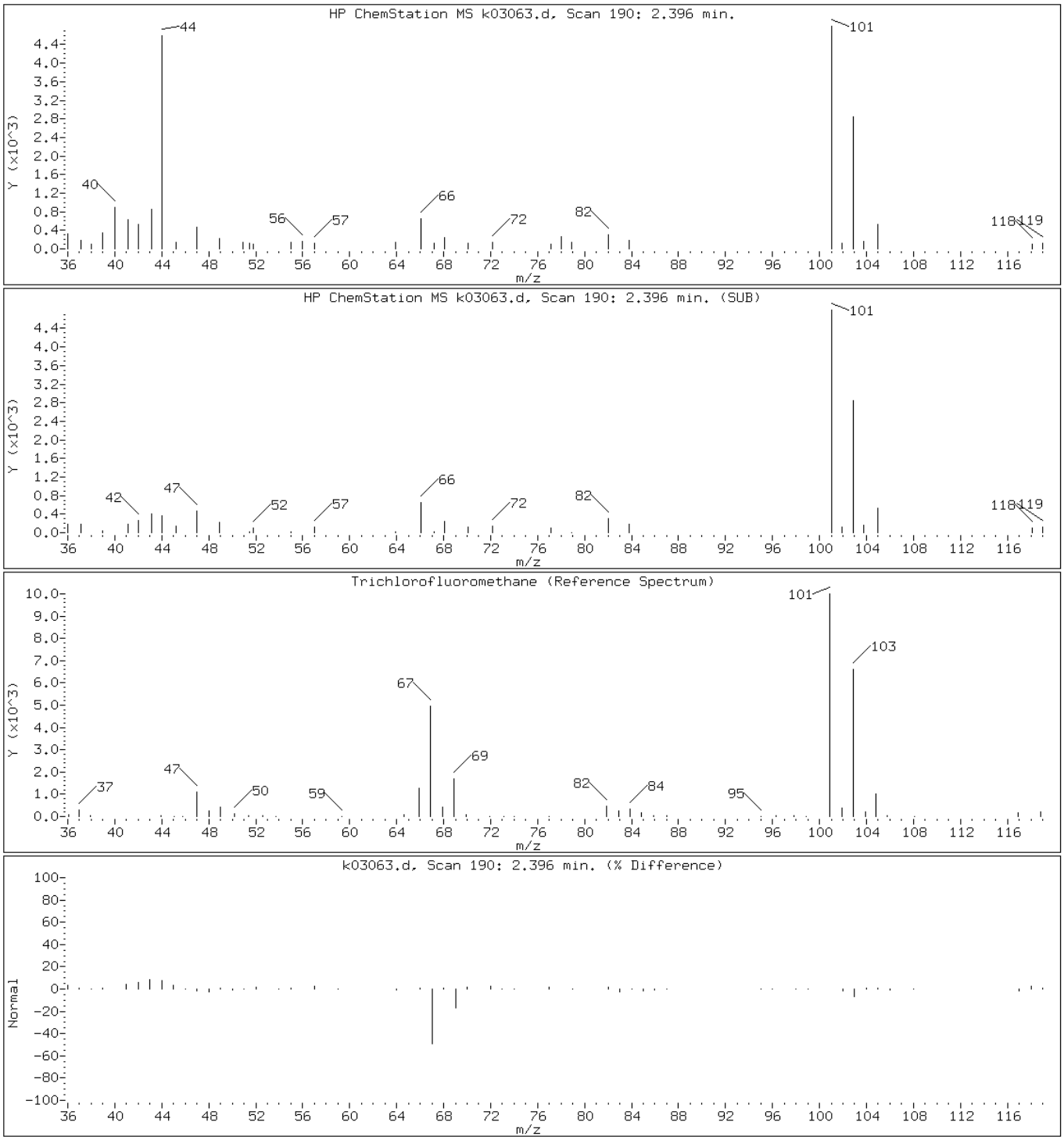
Data File: k03063.d

Date: 07-AUG-2012 02:36

Client ID: 20120731SB-396V6-7N Instrument: VOAMS9.i

Sample Info: 460-42971-C-2-A;;;5.05;5 Operator: VOAMS 9

9 Trichlorofluoromethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N | Lab Sample ID: 460-42971-3

Matrix: Solid | Lab File ID: o63258.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:25

Sample wt/vol: 3.76(g) | Date Analyzed: 08/10/2012 04:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 28.0 | Level: (low/med) Low

Analysis Batch No.: 123371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.30	U	1.8	0.30
74-83-9	Bromomethane	0.79	U	1.8	0.79
75-01-4	Vinyl chloride	0.63	U	1.8	0.63
75-00-3	Chloroethane	0.61	U	1.8	0.61
75-09-2	Methylene Chloride	0.54	J B	1.8	0.28
67-64-1	Acetone	44	B	18	3.1
75-15-0	Carbon disulfide	0.28	U	1.8	0.28
75-69-4	Trichlorofluoromethane	0.30	U	1.8	0.30
75-35-4	1,1-Dichloroethene	0.35	U	1.8	0.35
75-34-3	1,1-Dichloroethane	0.20	U	1.8	0.20
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.8	0.24
156-59-2	cis-1,2-Dichloroethene	0.20	U	1.8	0.20
67-66-3	Chloroform	0.44	U	1.8	0.44
78-93-3	2-Butanone	7.5	J	18	1.2
107-06-2	1,2-Dichloroethane	0.33	U	1.8	0.33
71-55-6	1,1,1-Trichloroethane	0.24	U	1.8	0.24
56-23-5	Carbon tetrachloride	0.28	U	1.8	0.28
71-43-2	Benzene	0.28	U	1.8	0.28
75-25-2	Bromoform	0.31	U	1.8	0.31
100-42-5	Styrene	0.52	U	1.8	0.52
179601-23-1	m&p-Xylene	1.1	U	3.7	1.1
95-47-6	o-Xylene	0.35	U	1.8	0.35
100-41-4	Ethylbenzene	0.31	U	1.8	0.31
108-90-7	Chlorobenzene	0.33	U	1.8	0.33
110-82-7	Cyclohexane	0.24	U	1.8	0.24
98-82-8	Isopropylbenzene	0.20	U	1.8	0.20
591-78-6	2-Hexanone	0.24	U	18	0.24
1634-04-4	MTBE	0.20	U	1.8	0.20
76-13-1	Freon TF	0.20	U	1.8	0.20
79-20-9	Methyl acetate	0.59	U	1.8	0.59
123-91-1	1,4-Dioxane	23	U	92	23
79-01-6	Trichloroethene	0.22	U	1.8	0.22
108-88-3	Toluene	0.27	J	1.8	0.26
10061-02-6	trans-1,3-Dichloropropene	0.18	U	1.8	0.18
108-10-1	4-Methyl-2-pentanone	0.37	U	18	0.37
10061-01-5	cis-1,3-Dichloropropene	0.26	U	1.8	0.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N | Lab Sample ID: 460-42971-3

Matrix: Solid | Lab File ID: o63258.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:25

Sample wt/vol: 3.76(g) | Date Analyzed: 08/10/2012 04:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 28.0 | Level: (low/med) Low

Analysis Batch No.: 123371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.18	U	1.8	0.18
541-73-1	1,3-Dichlorobenzene	0.30	U	1.8	0.30
106-46-7	1,4-Dichlorobenzene	0.20	U	1.8	0.20
120-82-1	1,2,4-Trichlorobenzene	0.35	U	1.8	0.35
87-61-6	1,2,3-Trichlorobenzene	0.30	U	1.8	0.30
78-87-5	1,2-Dichloropropane	0.28	U	1.8	0.28
108-87-2	Methylcyclohexane	0.18	U	1.8	0.18
127-18-4	Tetrachloroethene	0.22	U	1.8	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	0.81	U	1.8	0.81
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.8	0.17
79-00-5	1,1,2-Trichloroethane	0.26	U	1.8	0.26
124-48-1	Dibromochloromethane	0.18	U	1.8	0.18
106-93-4	1,2-Dibromoethane	0.28	U	1.8	0.28
75-71-8	Dichlorodifluoromethane	0.41	U	1.8	0.41
74-97-5	Bromochloromethane	0.20	U	1.8	0.20
75-27-4	Bromodichloromethane	0.59	U	1.8	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	106		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63258.d
Report Date: 10-Aug-2012 13:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63258.d
Lab Smp Id: 460-42971-C-3-A Client Smp ID: 20120731SB-397V0-2N
Inj Date : 10-AUG-2012 04:50
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-C-3-A;;;3.76;5
Misc Info : 460-42971-C-3-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/8260L_10.m
Meth Date : 09-Aug-2012 21:27 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.76000	Weight of sample extracted (g)
M	28.02198	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
121 n-Pentane	72	1.381	1.382	(0.372)	4053	4.97279	9.2
157 Dichlorofluoromethane	67	1.317	1.317	(0.355)	2936	0.45476	0.84
7 Acetone	43	1.661	1.661	(0.448)	17403	23.7497	44
6 Methylene Chloride	84	1.897	1.897	(0.511)	905	0.28975	0.54(a)
54 Hexane	56	2.227	2.227	(0.600)	3589	1.28799	2.4
18 2-Butanone	72	2.778	2.778	(0.749)	1370	4.05743	7.5(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	100416	51.0726	94
* 69 Fluorobenzene	96	3.709	3.710	(1.000)	478527	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	360241	50.3260	93
38 Toluene	91	5.472	5.464	(0.753)	2165	0.14709	0.27(a)
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	352913	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	146828	52.9786	98
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	197834	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63258.d
Report Date: 10-Aug-2012 13:53

QC Flag Legend

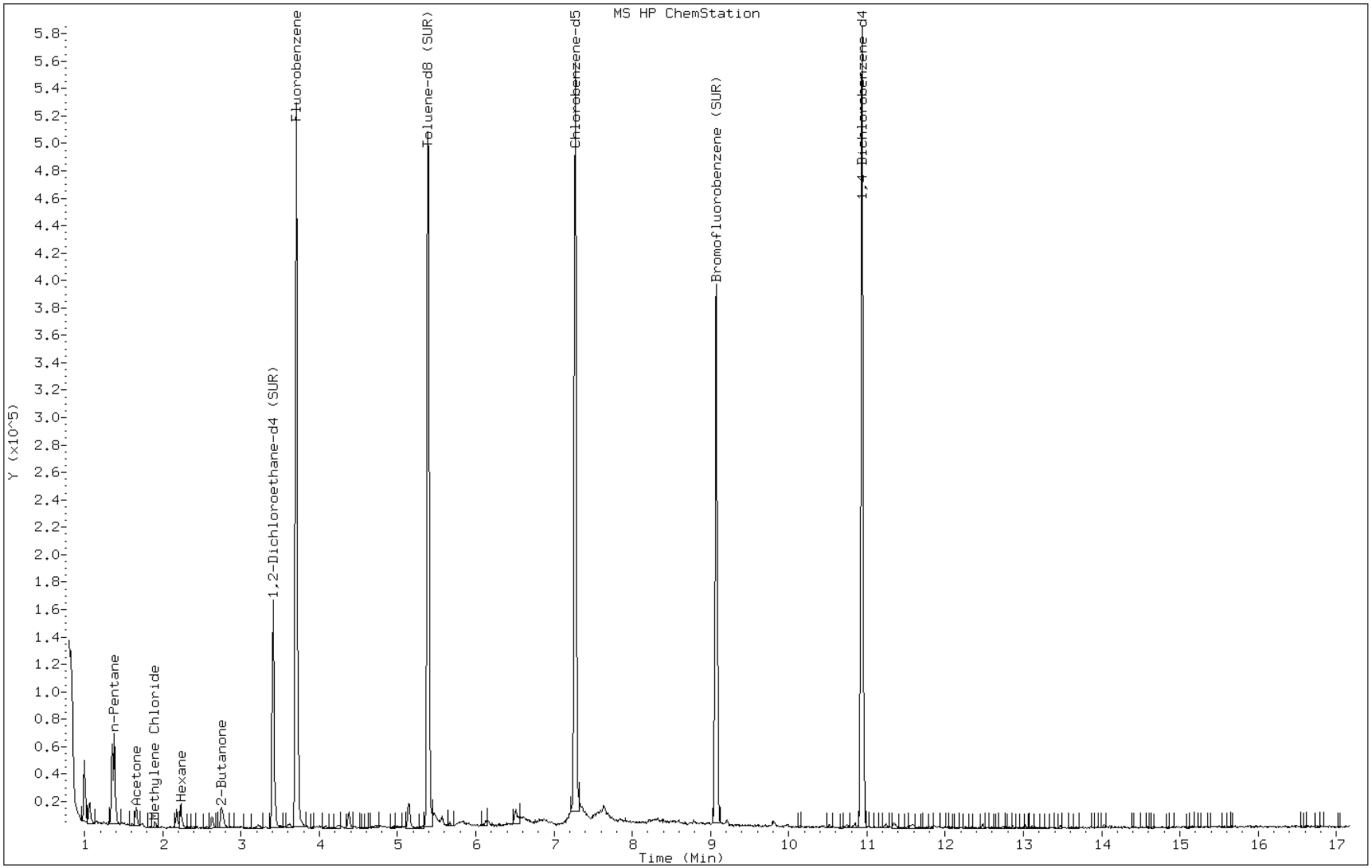
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o63258.d

Date: 10-AUG-2012 04:50

Client ID: 20120731SB-397V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-C-3-A;;;3.76;5 Operator: VOAMS 9



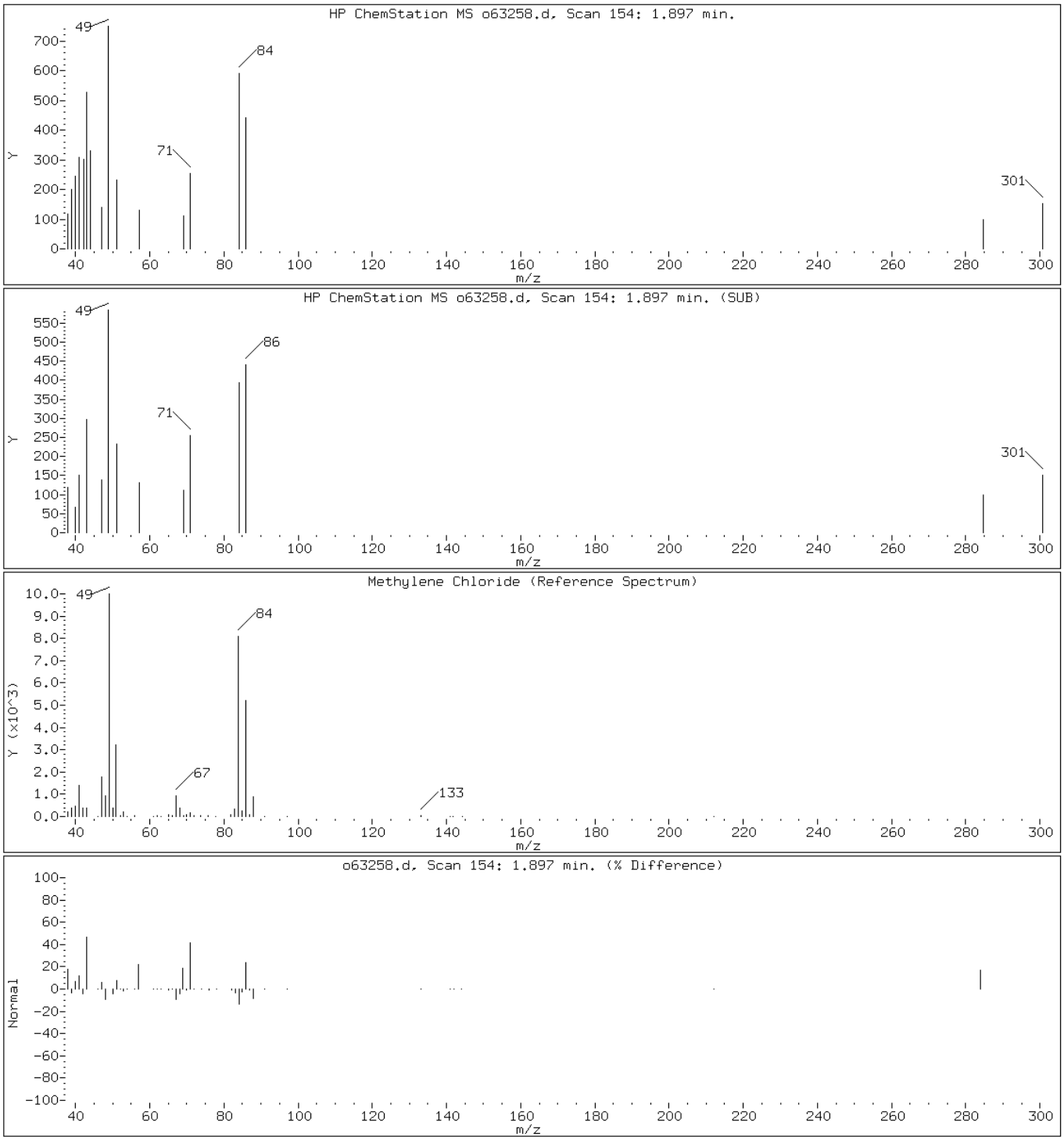
Data File: o63258.d

Date: 10-AUG-2012 04:50

Client ID: 20120731SB-397V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-C-3-A;;;3.76;5 Operator: VOAMS 9

6 Methylene Chloride



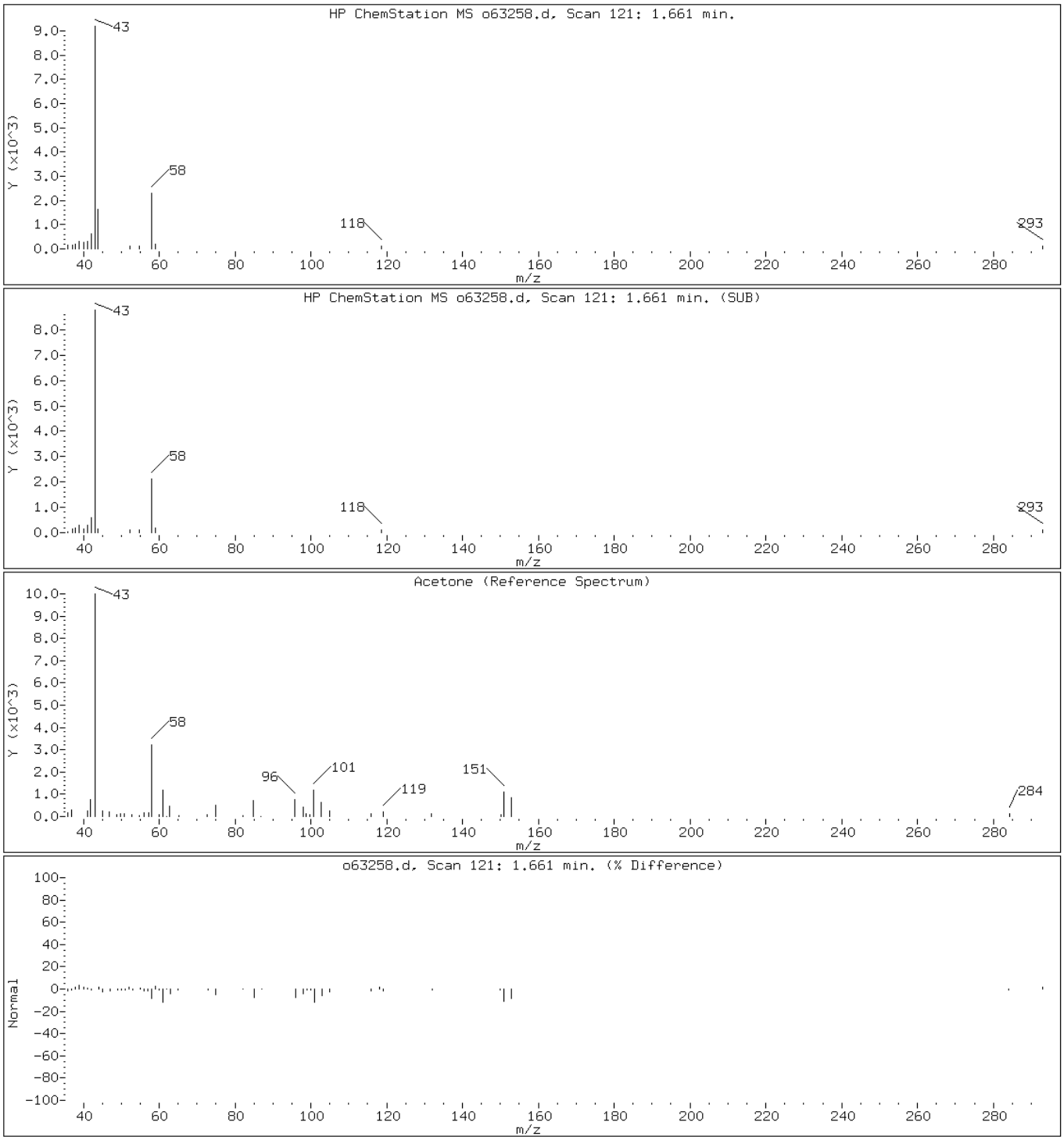
Data File: o63258.d

Date: 10-AUG-2012 04:50

Client ID: 20120731SB-397V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-C-3-A;;;3.76;5 Operator: VOAMS 9

7 Acetone



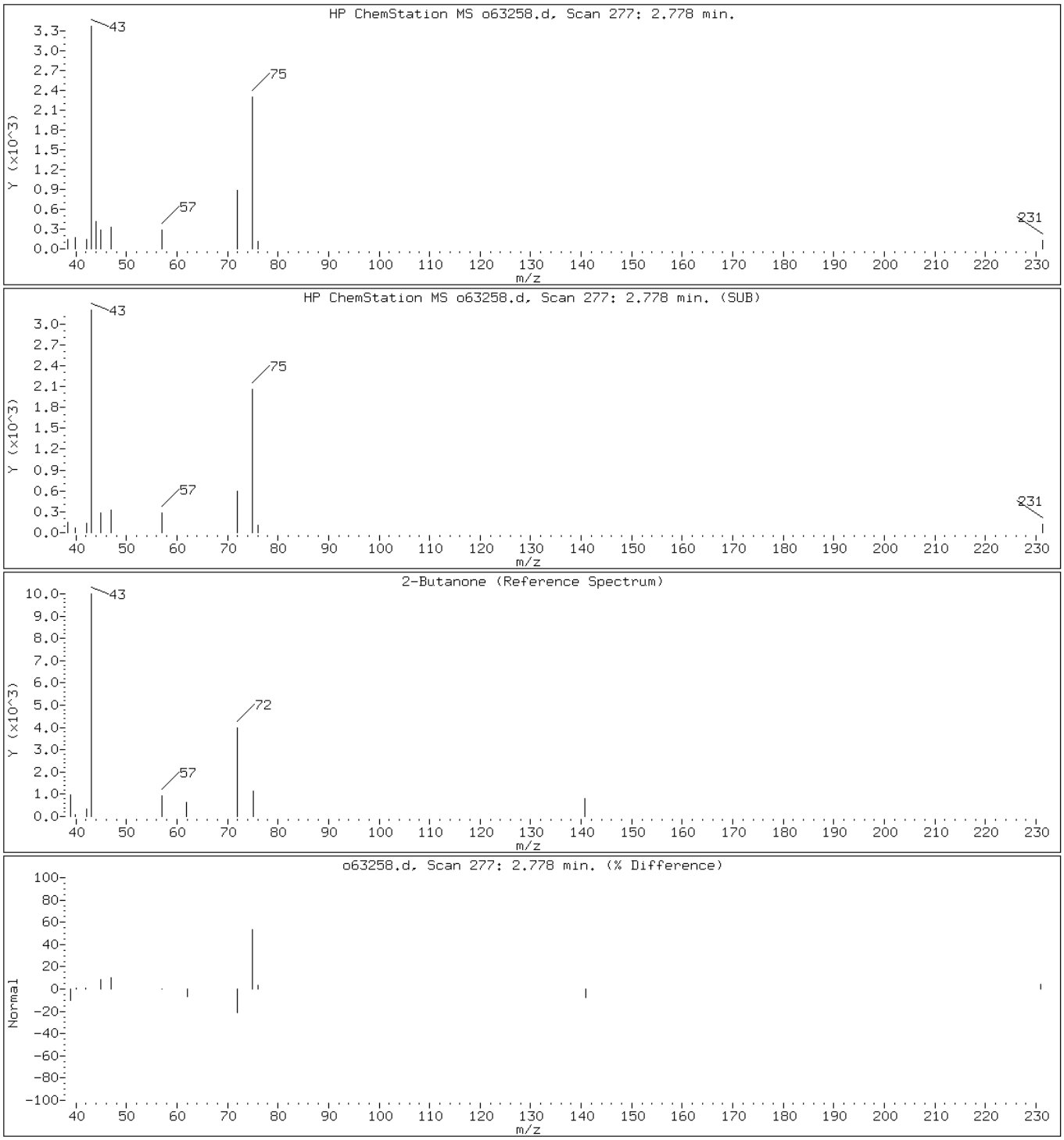
Data File: o63258.d

Date: 10-AUG-2012 04:50

Client ID: 20120731SB-397V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-C-3-A;;;3.76;5 Operator: VOAMS 9

18 2-Butanone



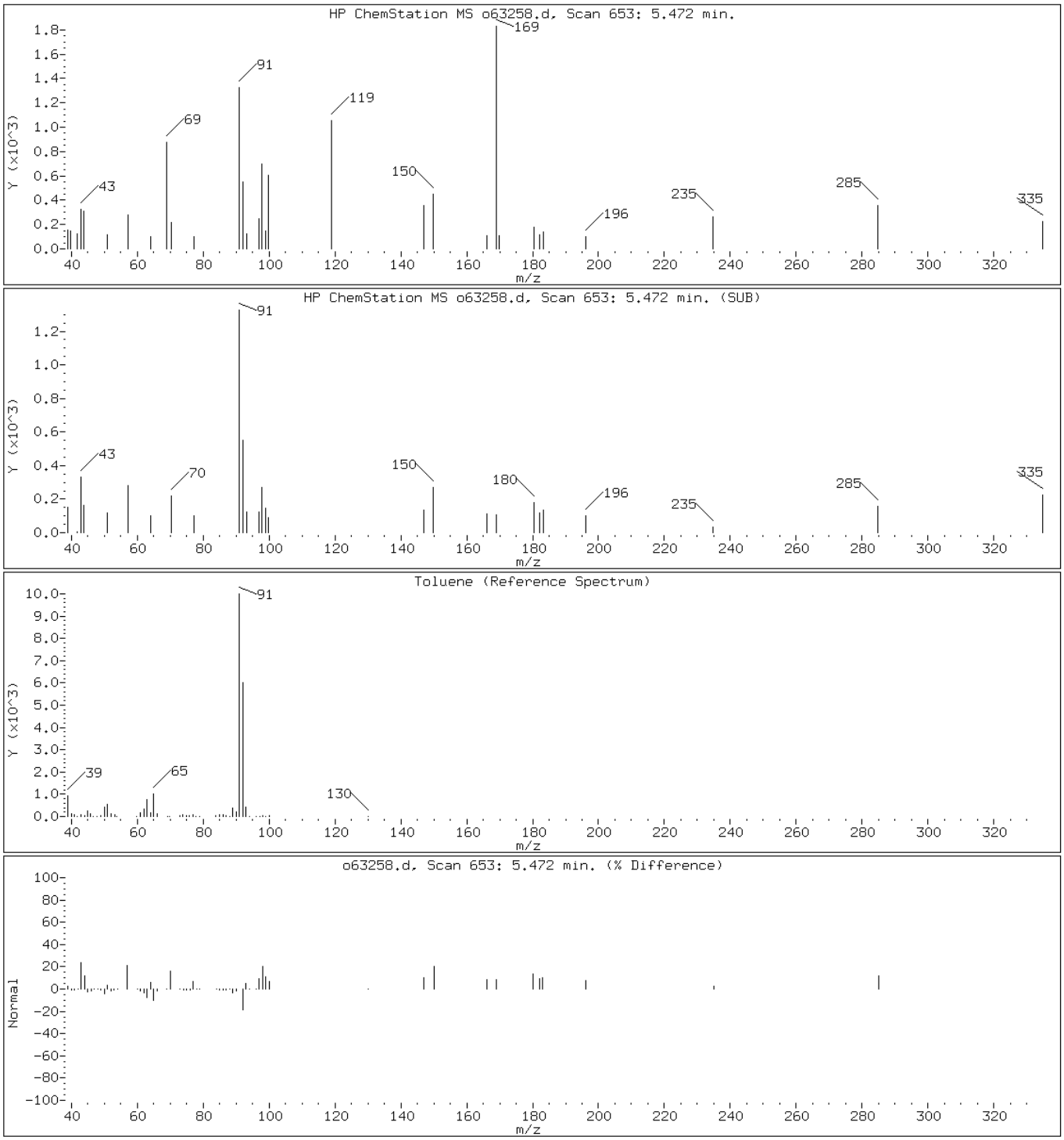
Data File: o63258.d

Date: 10-AUG-2012 04:50

Client ID: 20120731SB-397V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-C-3-A;;;3.76;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V5-6N | Lab Sample ID: 460-42971-6

Matrix: Solid | Lab File ID: d23222.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:35

Sample wt/vol: 4.66(g) | Date Analyzed: 08/09/2012 15:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 27.3 | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	29	U	300	29
74-83-9	Bromomethane	54	U	300	54
75-01-4	Vinyl chloride	43	U	300	43
75-00-3	Chloroethane	50	U	300	50
75-09-2	Methylene Chloride	54	U	300	54
67-64-1	Acetone	790	U	1500	790
75-15-0	Carbon disulfide	37	U	300	37
75-69-4	Trichlorofluoromethane	43	U	300	43
75-35-4	1,1-Dichloroethene	26	U	300	26
75-34-3	1,1-Dichloroethane	38	U	300	38
156-60-5	trans-1,2-Dichloroethene	38	U	300	38
156-59-2	cis-1,2-Dichloroethene	210	J	300	52
67-66-3	Chloroform	23	U	300	23
78-93-3	2-Butanone	680	U	1500	680
107-06-2	1,2-Dichloroethane	3200		300	56
71-55-6	1,1,1-Trichloroethane	18	U	300	18
56-23-5	Carbon tetrachloride	17	U	300	17
71-43-2	Benzene	62	J	300	24
75-25-2	Bromoform	57	U	300	57
100-42-5	Styrene	35	U	300	35
179601-23-1	m&p-Xylene	180000		590	72
95-47-6	o-Xylene	18000		300	38
100-41-4	Ethylbenzene	14000		300	28
108-90-7	Chlorobenzene	250	J	300	33
110-82-7	Cyclohexane	100	J	300	47
98-82-8	Isopropylbenzene	5900		300	23
591-78-6	2-Hexanone	150	U	1500	150
1634-04-4	MTBE	41	U	300	41
76-13-1	Freon TF	24	U	300	24
79-20-9	Methyl acetate	99	U	590	99
123-91-1	1,4-Dioxane	11000	U	15000	11000
79-01-6	Trichloroethene	96	J	300	27
108-88-3	Toluene	3400		300	44
10061-02-6	trans-1,3-Dichloropropene	72	U	300	72
108-10-1	4-Methyl-2-pentanone	290	U	1500	290
10061-01-5	cis-1,3-Dichloropropene	54	U	300	54

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V5-6N | Lab Sample ID: 460-42971-6

Matrix: Solid | Lab File ID: d23222.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:35

Sample wt/vol: 4.66(g) | Date Analyzed: 08/09/2012 15:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 27.3 | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	370		300	61
541-73-1	1,3-Dichlorobenzene	88	J	300	40
106-46-7	1,4-Dichlorobenzene	340		300	69
120-82-1	1,2,4-Trichlorobenzene	960		300	100
87-61-6	1,2,3-Trichlorobenzene	150	U	300	150
78-87-5	1,2-Dichloropropane	25	U	300	25
108-87-2	Methylcyclohexane	40	U	300	40
127-18-4	Tetrachloroethene	29	U	300	29
96-12-8	1,2-Dibromo-3-Chloropropane	120	U	300	120
79-34-5	1,1,2,2-Tetrachloroethane	47	U	300	47
79-00-5	1,1,2-Trichloroethane	55	U	300	55
124-48-1	Dibromochloromethane	59	U	300	59
106-93-4	1,2-Dibromoethane	81	U	300	81
75-71-8	Dichlorodifluoromethane	64	U	300	64
74-97-5	Bromochloromethane	81	U	300	81
75-27-4	Bromodichloromethane	37	U	300	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		75-135
2037-26-5	Toluene-d8 (Surr)	111		59-150
460-00-4	Bromofluorobenzene	103		72-133

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23222.d
Report Date: 10-Aug-2012 19:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23222.d
Lab Smp Id: 460-42971-B-6-A Client Smp ID: 20120731SB-397V5-6N
Inj Date : 09-AUG-2012 15:08
Operator : Inst ID: VOAMS4.i
Smp Info : 460-42971-B-6-A;100;;4.66;10
Misc Info : 460-42971-B-6-A
Comment :
Method : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/8260_09.m
Meth Date : 09-Aug-2012 10:17 desais Quant Type: ISTD
Cal Date : 08-AUG-2012 00:00 Cal File: d23157.d
Als bottle: 13
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	4.66000	Weight of sample extracted (g)
M	27.30697	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
36 cis-1,2-Dichloroethene	96	3.504	3.487	(0.761)	2812	0.72435	210(a)
44 Cyclohexane	56	3.663	3.640	(0.796)	1079	0.35374	100(aH)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.340	4.328	(0.942)	78980	27.7048	8200
48 Benzene	78	4.210	4.204	(0.530)	2743	0.21109	62(a)
49 1,2-Dichloroethane	62	4.404	4.392	(0.957)	44052	10.7701	3200
* 52 Fluorobenzene	96	4.604	4.598	(1.000)	586673	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	4.651	4.639	(1.010)	106278	188.093	56000
54 Trichloroethene	95	4.775	4.757	(1.037)	1091	0.32566	96(aH)
$ 65 Toluene-d8 (SUR)	98	6.292	6.286	(0.792)	256764	27.8546	8200
66 Toluene	91	6.351	6.345	(0.799)	161512	11.4260	3400
* 78 Chlorobenzene-d5	117	7.945	7.933	(1.000)	422262	50.0000	
79 Chlorobenzene	112	7.957	7.951	(1.001)	7733	0.84294	250(aH)
81 Ethylbenzene	106	8.010	8.004	(1.008)	211526	46.0142	14000
82 m+p-Xylene	106	8.151	8.145	(1.026)	3575208	626.645	180000

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23222.d
Report Date: 10-Aug-2012 19:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
84 o-Xylene	106	8.516	8.510	(1.072)	360110	62.5705	18000
88 Isopropylbenzene	105	8.786	8.780	(1.106)	301666	20.1252	5900
$ 89 Bromofluorobenzene (SUR)	174	8.998	8.992	(0.913)	101928	25.8589	7600
95 n-Propylbenzene	91	9.122	9.116	(0.926)	499084	26.6932	7900
97 1,3,5-Trimethylbenzene	105	9.286	9.280	(0.943)	654949	51.7453	15000
101 1,2,4-Trimethylbenzene	105	9.575	9.574	(0.972)	2141142	164.310	48000
105 1,3-Dichlorobenzene	146	9.792	9.792	(0.994)	2341	0.29958	88(aH)
107 p-Isopropyltoluene	119	9.769	9.769	(0.992)	491806	32.6587	9600
* 108 1,4-Dichlorobenzene-d4	152	9.851	9.851	(1.000)	223003	50.0000	
109 1,4-Dichlorobenzene	146	9.863	9.863	(1.001)	9324	1.15918	340
171 Indan	117	9.986	9.986	(2.169)	46650	3.51760	1000
111 1,2-Dichlorobenzene	146	10.169	10.168	(1.032)	9640	1.23962	360
114 1,2,4-Trichlorobenzene	180	11.216	11.215	(1.139)	16595	3.24238	960
116 Naphthalene	128	11.451	11.445	(1.162)	111145	10.6558	3100
M 120 1,2-Dichloroethene (Total)	100				2812	0.72435	210(a)
M 121 Xylene (Total)	100				3935318	689.215	200000

QC Flag Legend

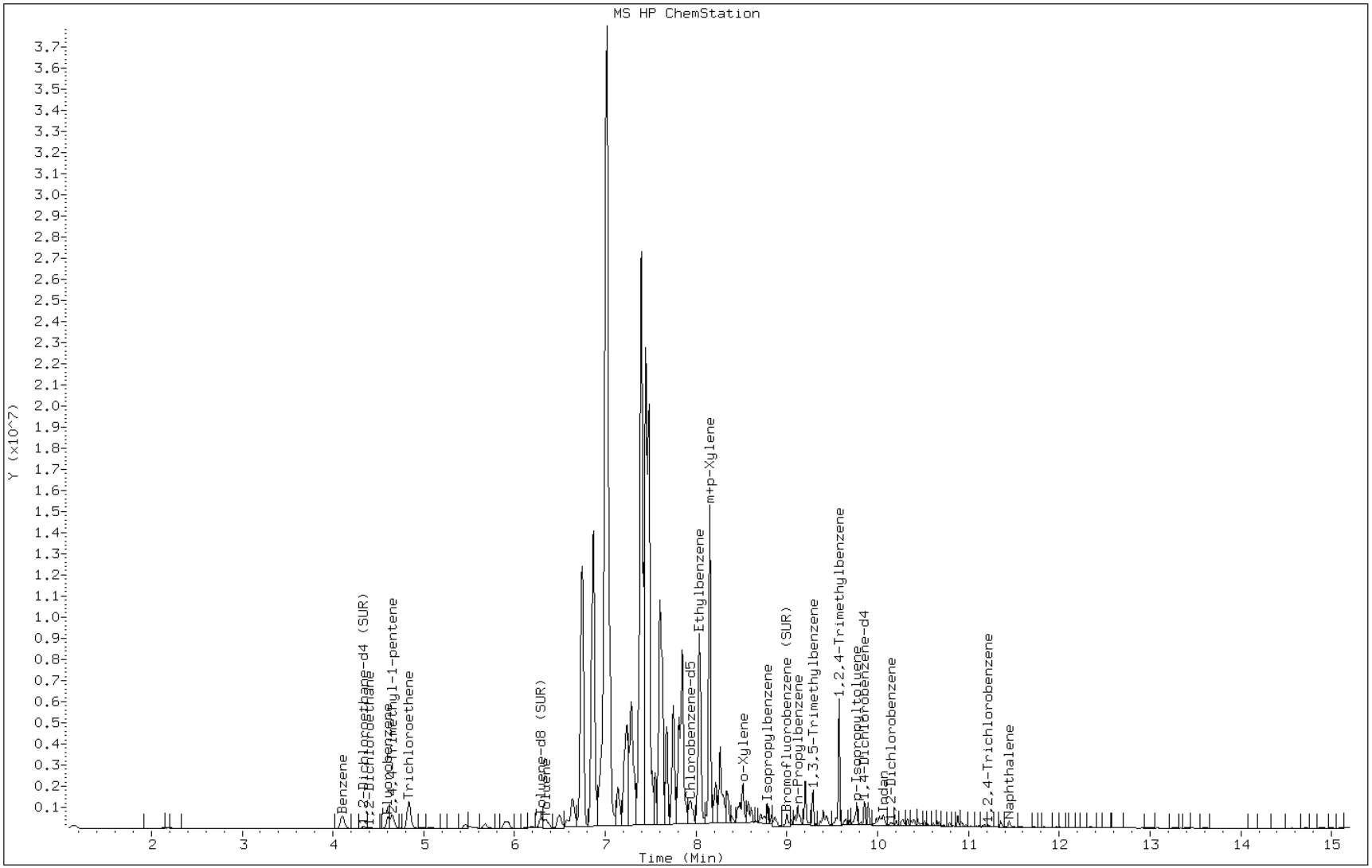
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:



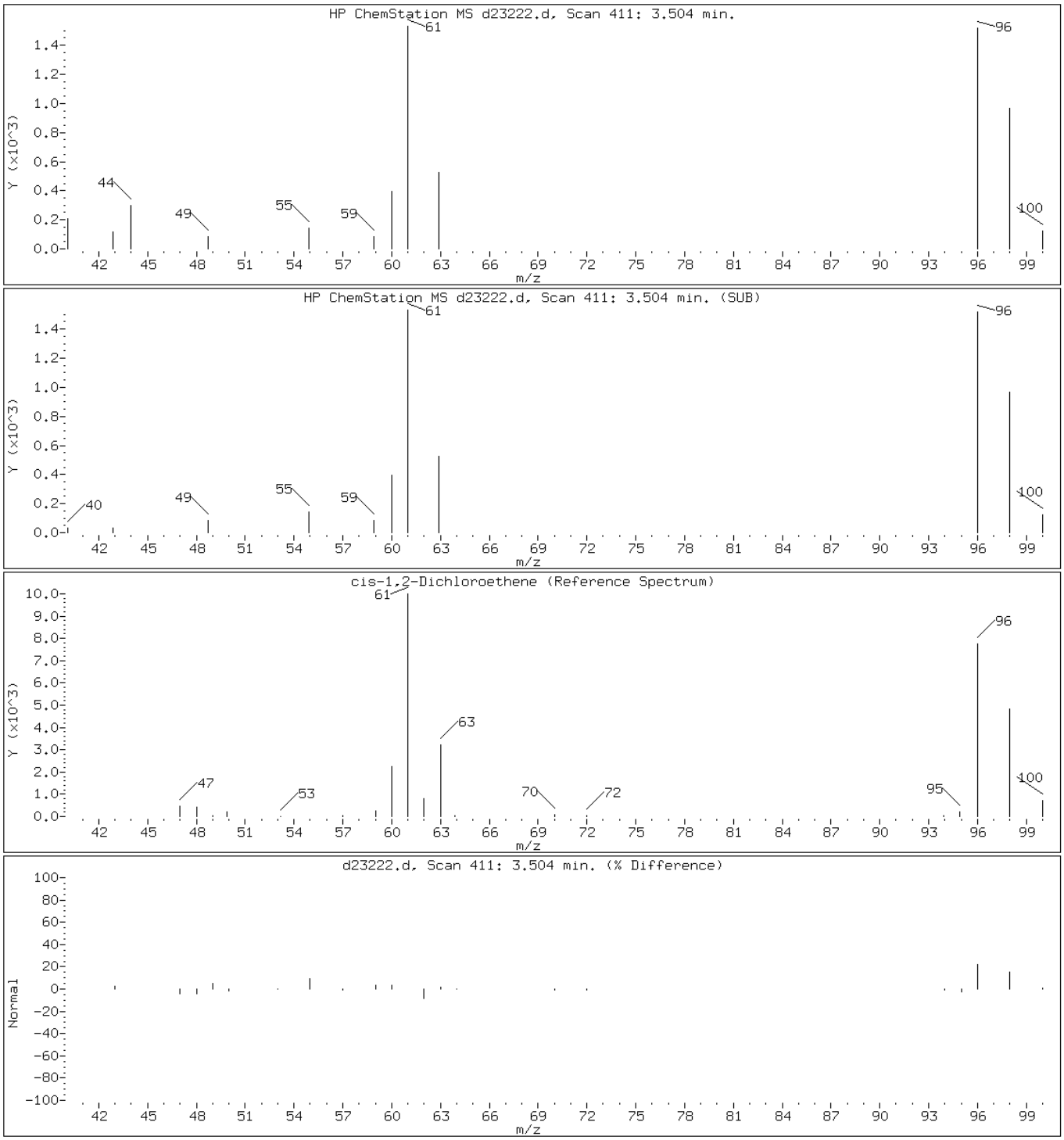
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

36 cis-1,2-Dichloroethene



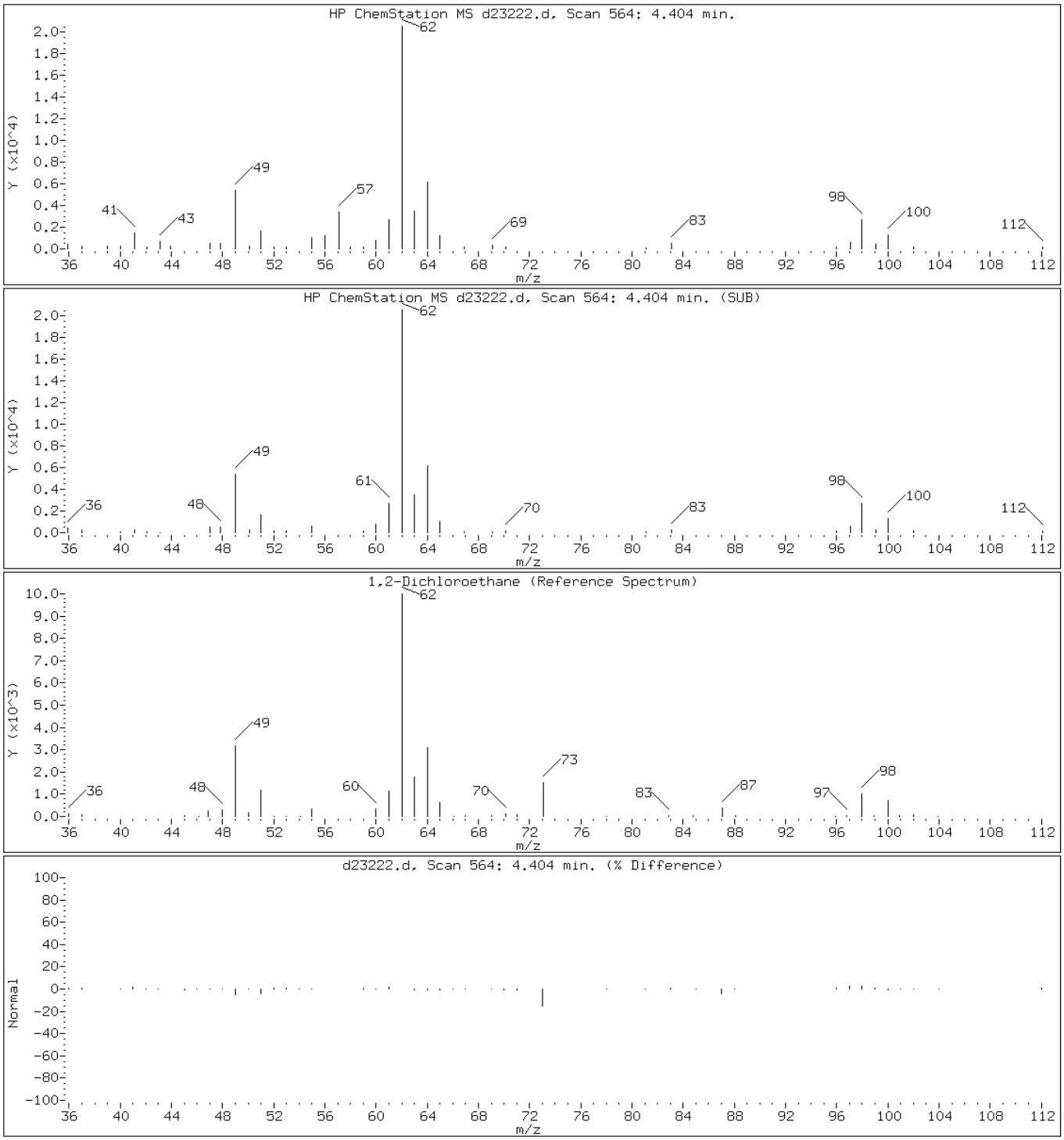
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

49 1,2-Dichloroethane



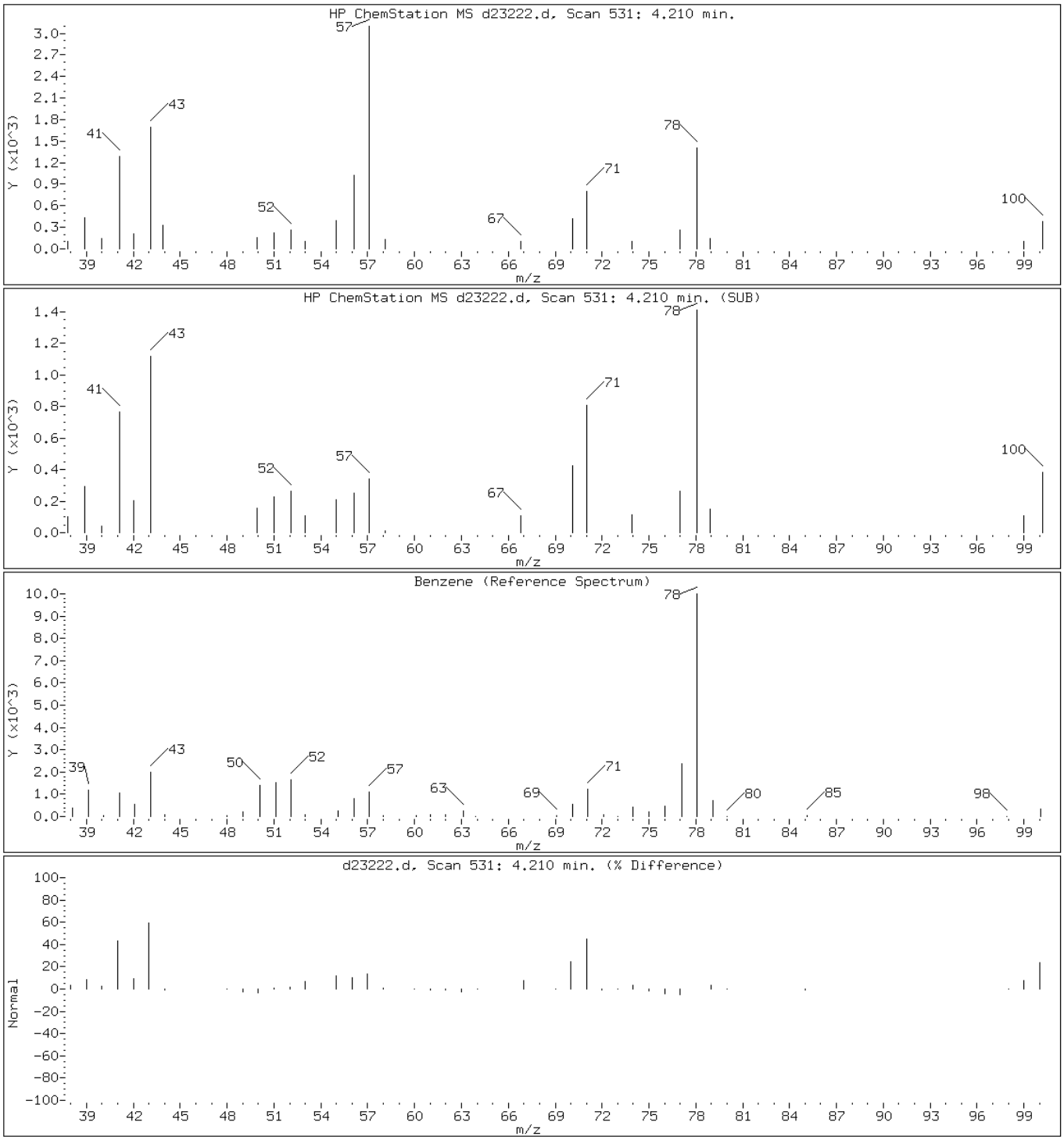
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

48 Benzene



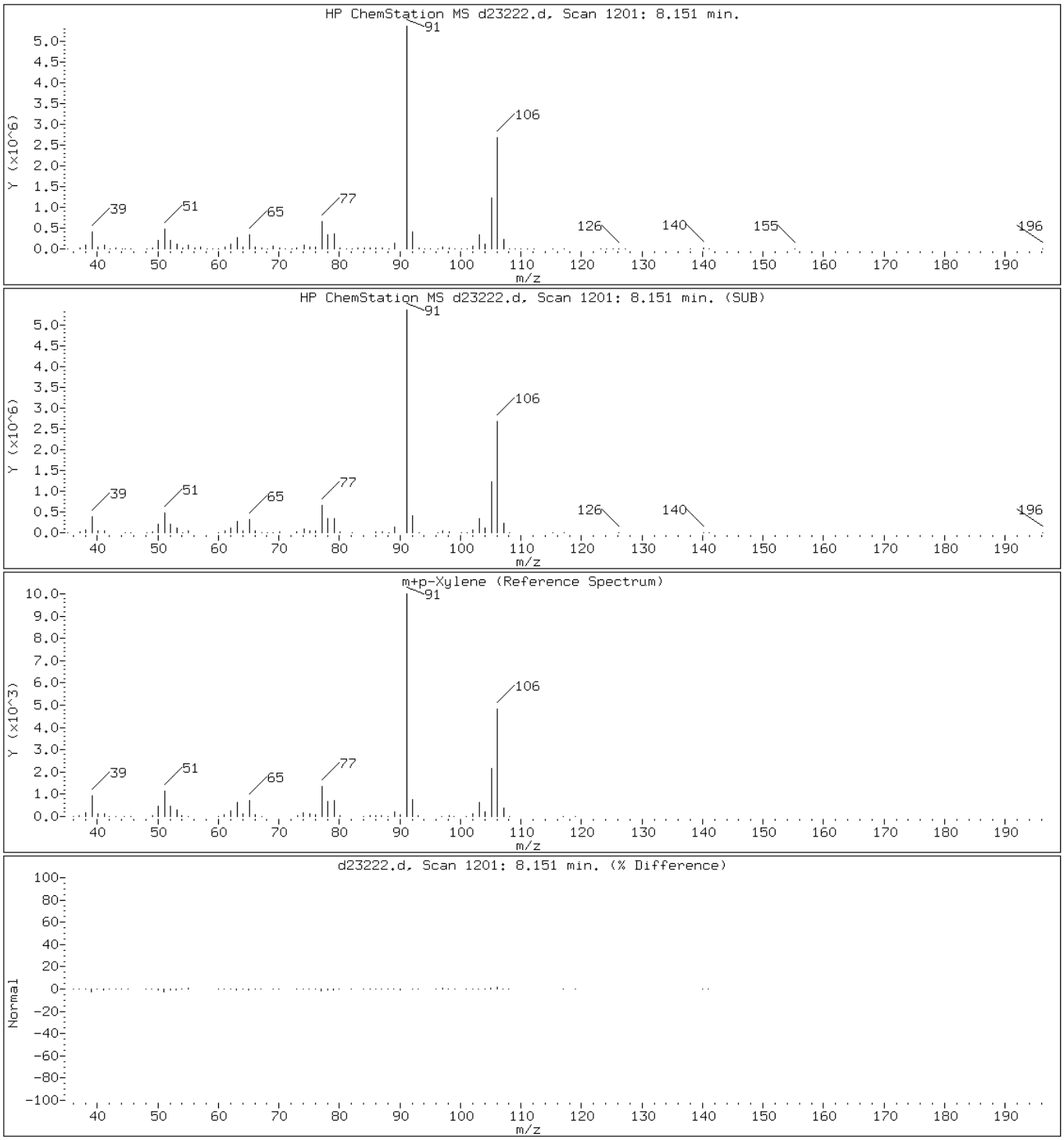
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

82 m+p-Xylene



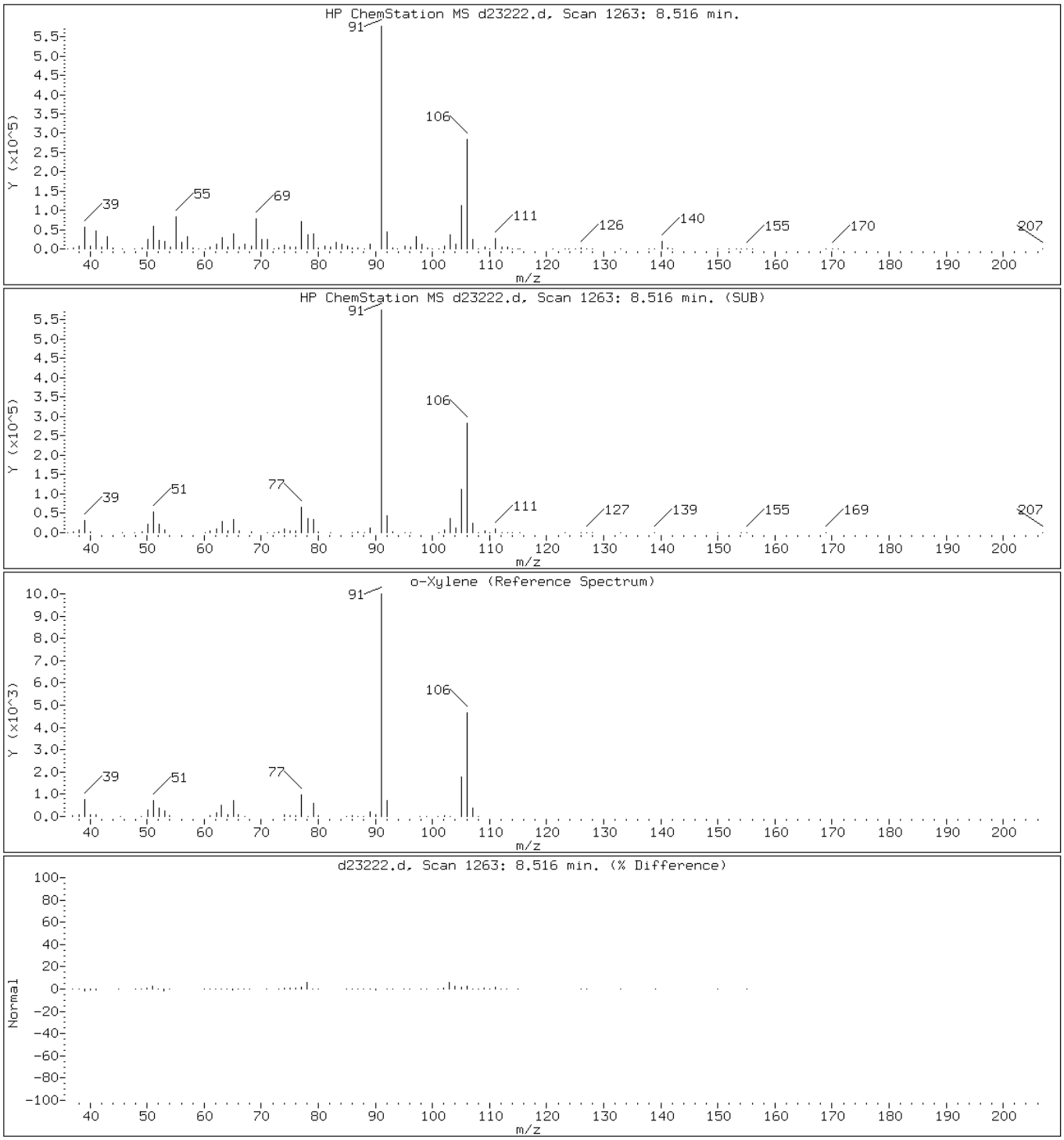
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

84 o-Xylene



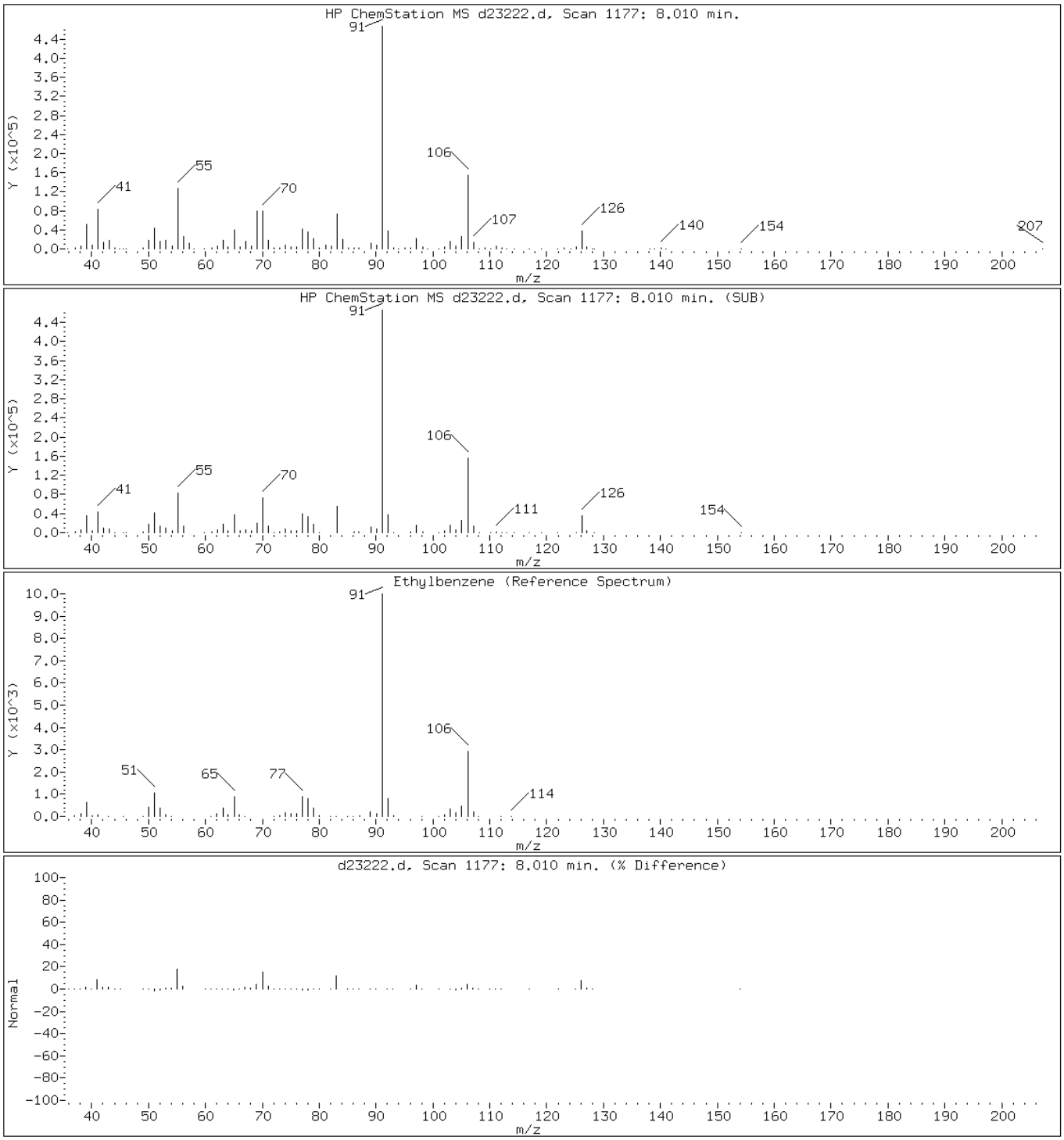
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

81 Ethylbenzene



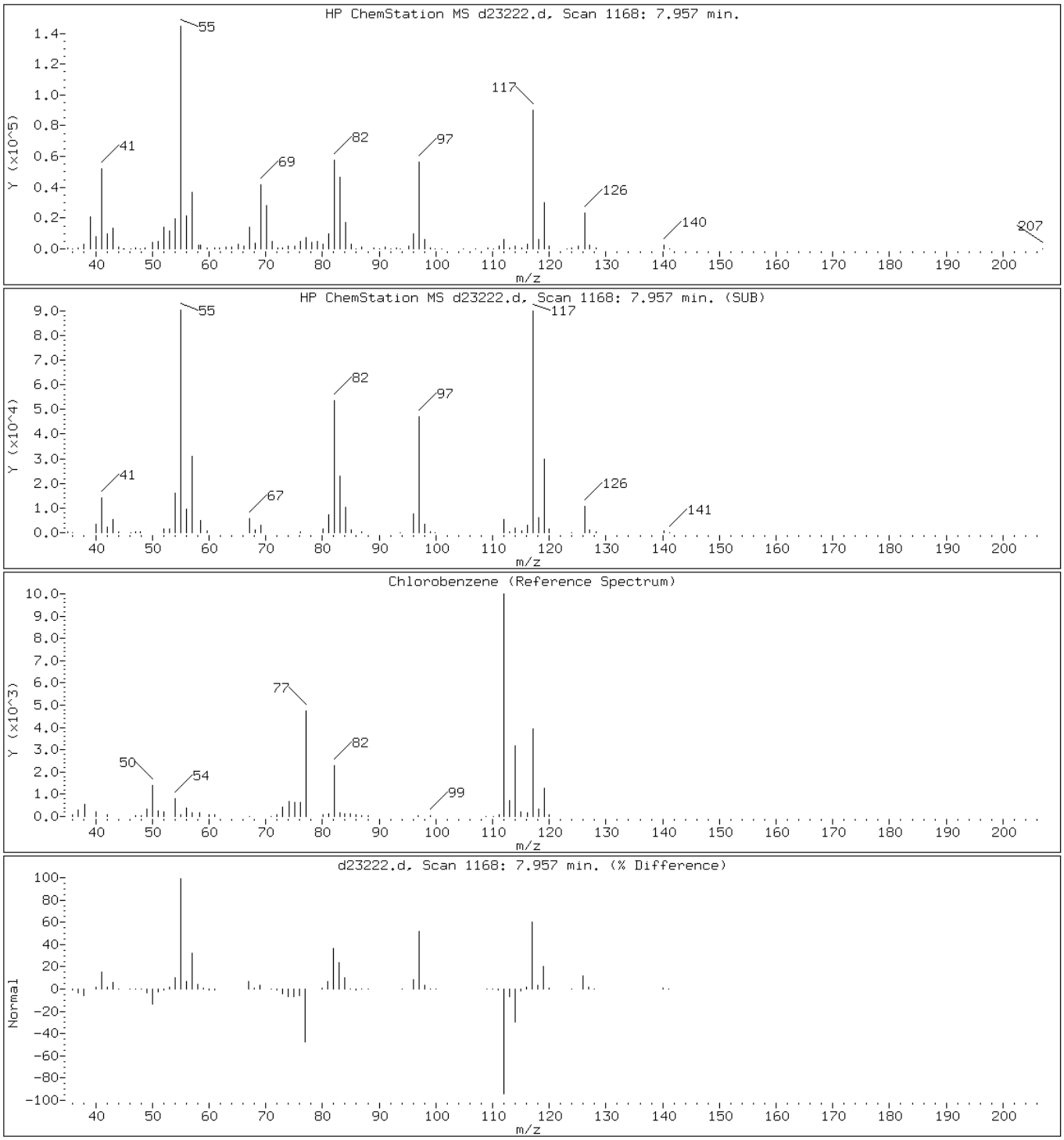
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

79 Chlorobenzene



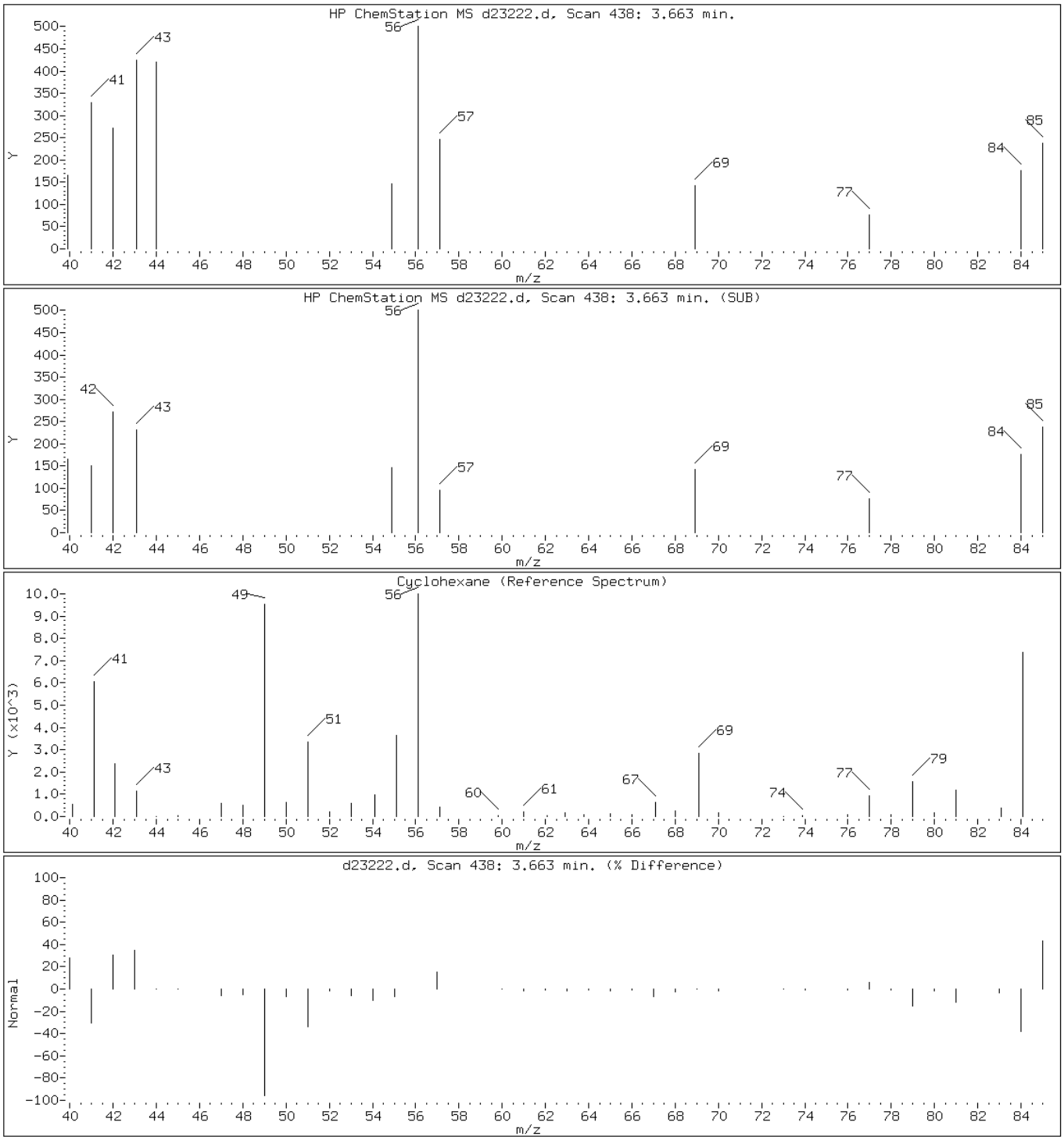
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

44 Cyclohexane



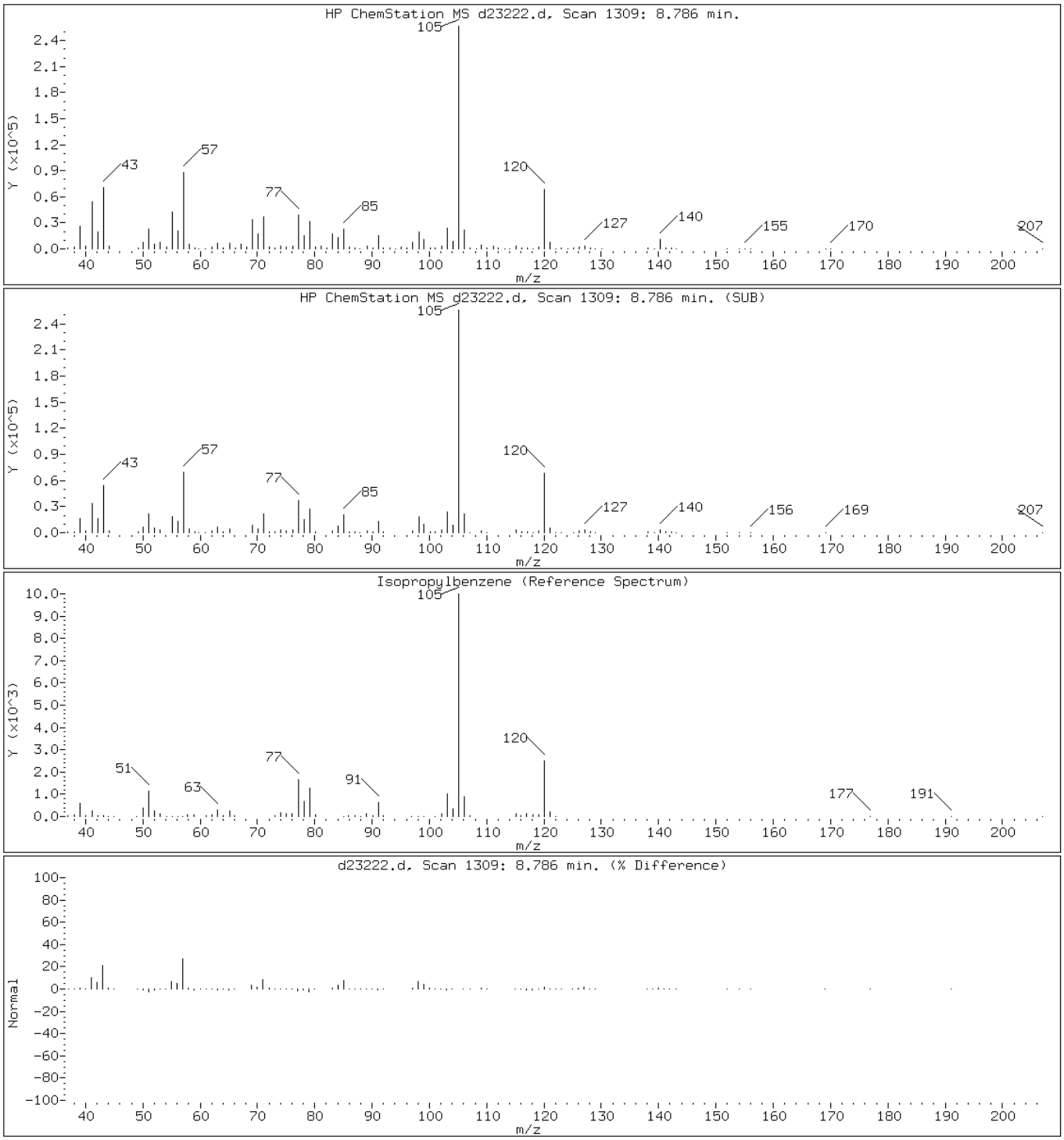
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

88 Isopropylbenzene



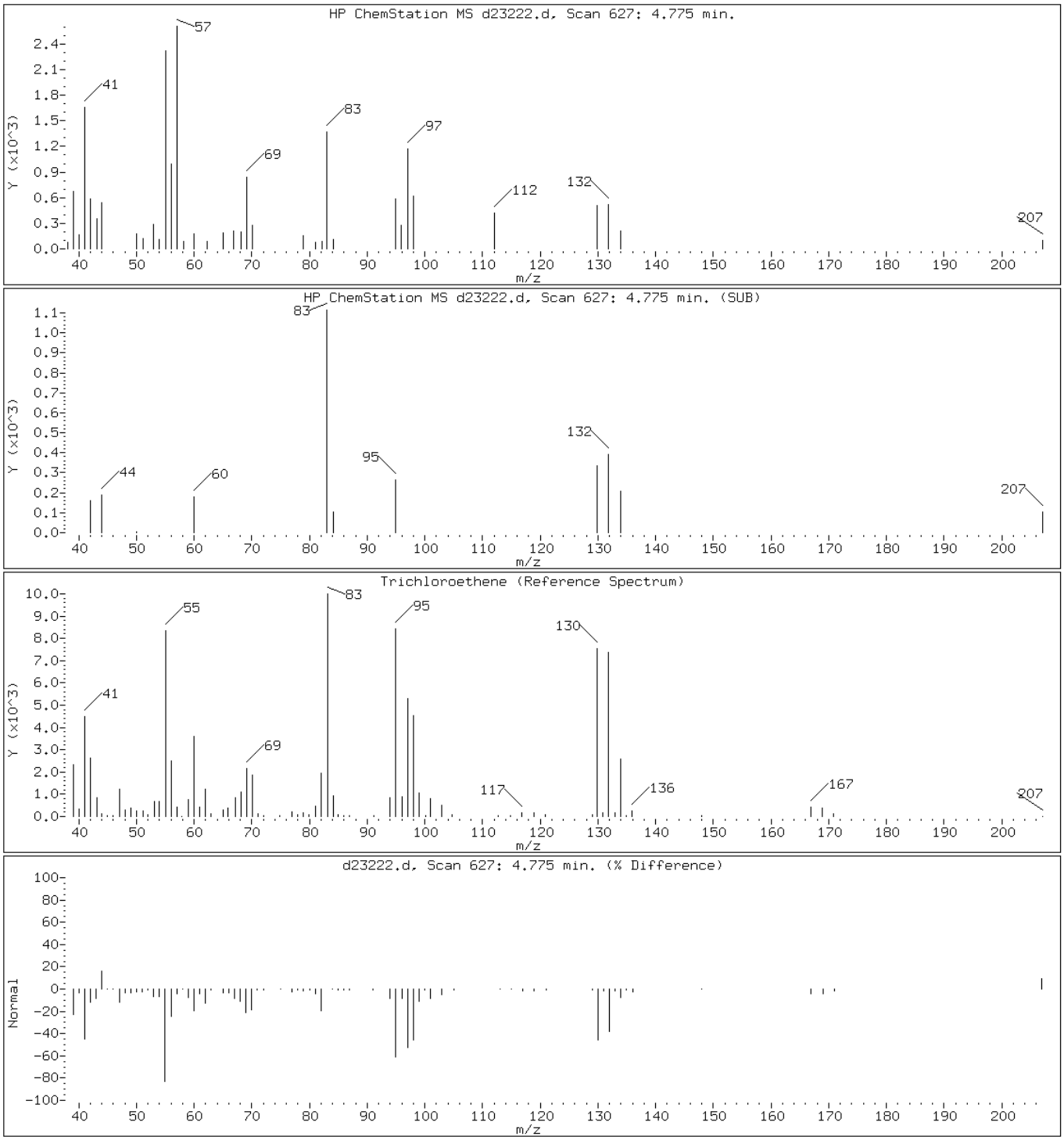
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

54 Trichloroethene



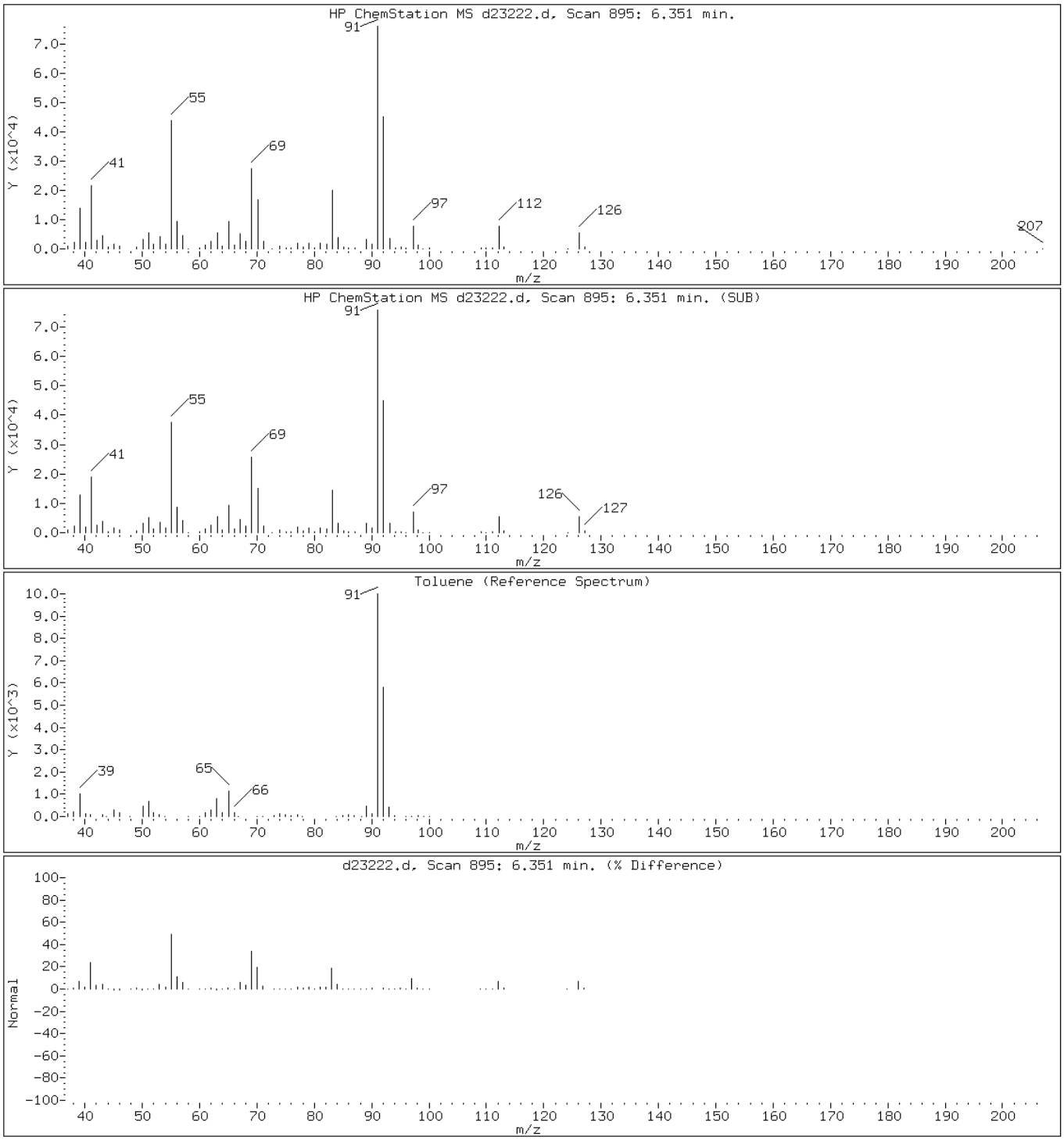
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

66 Toluene



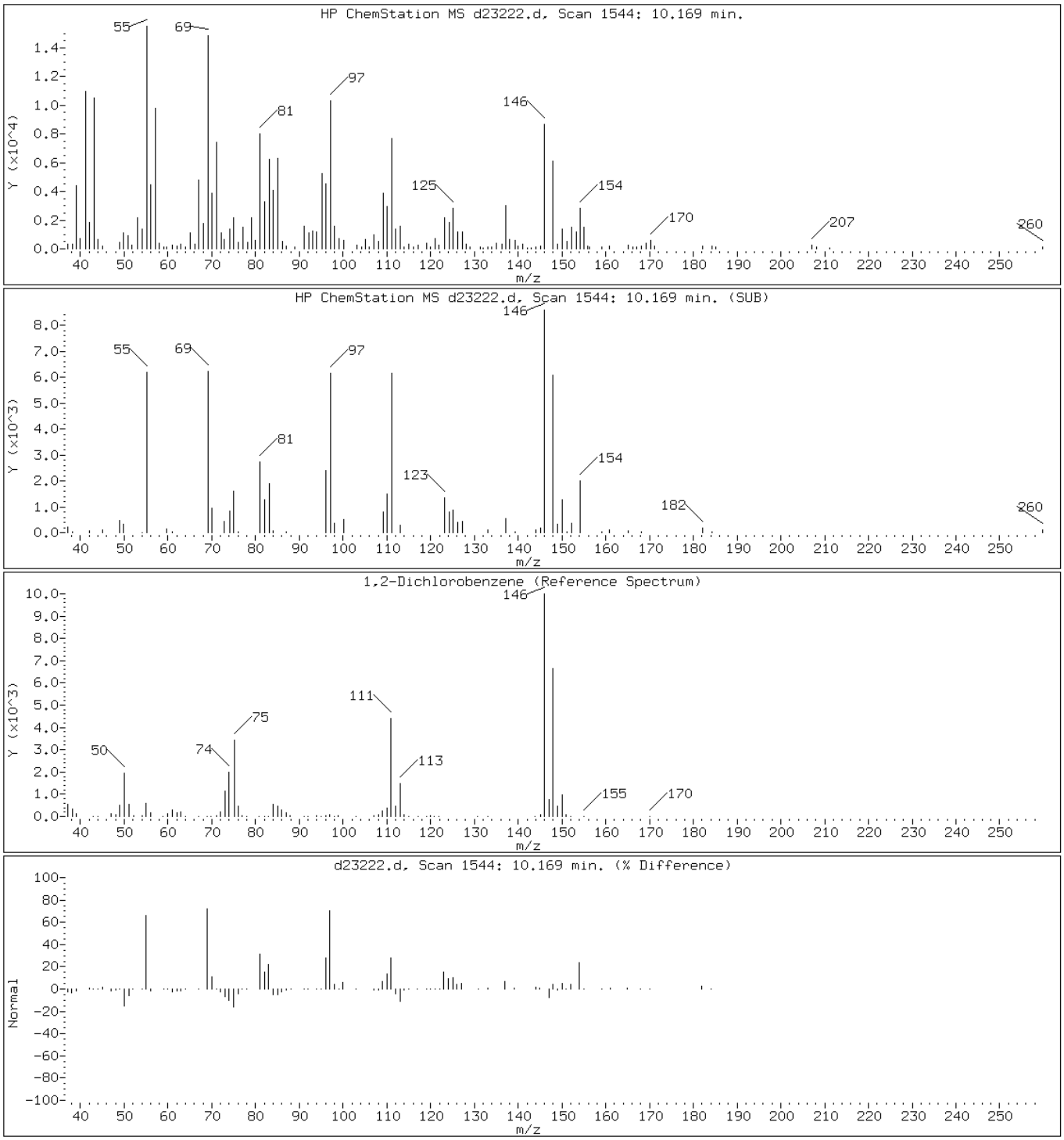
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

111 1,2-Dichlorobenzene



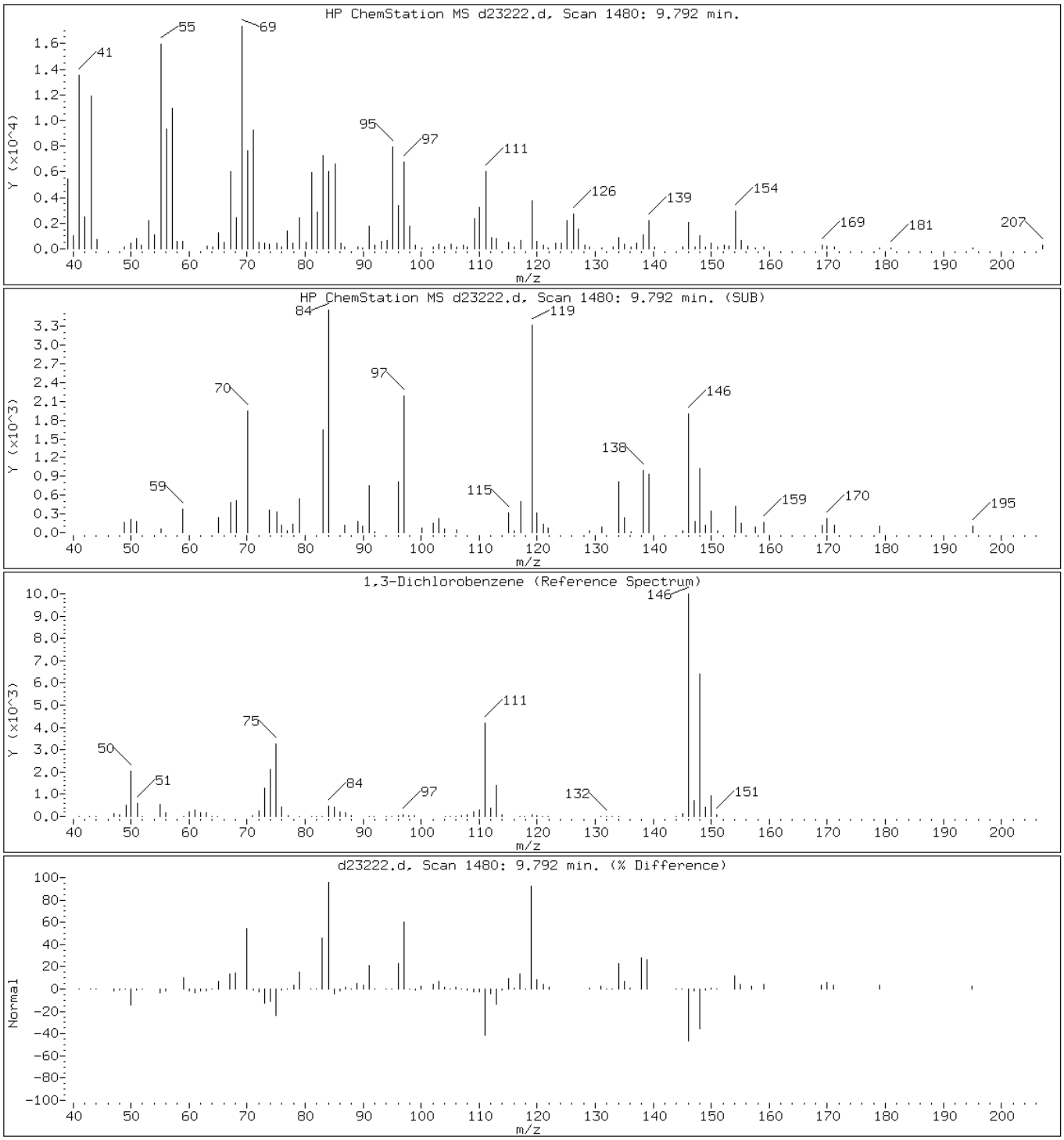
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

105 1,3-Dichlorobenzene



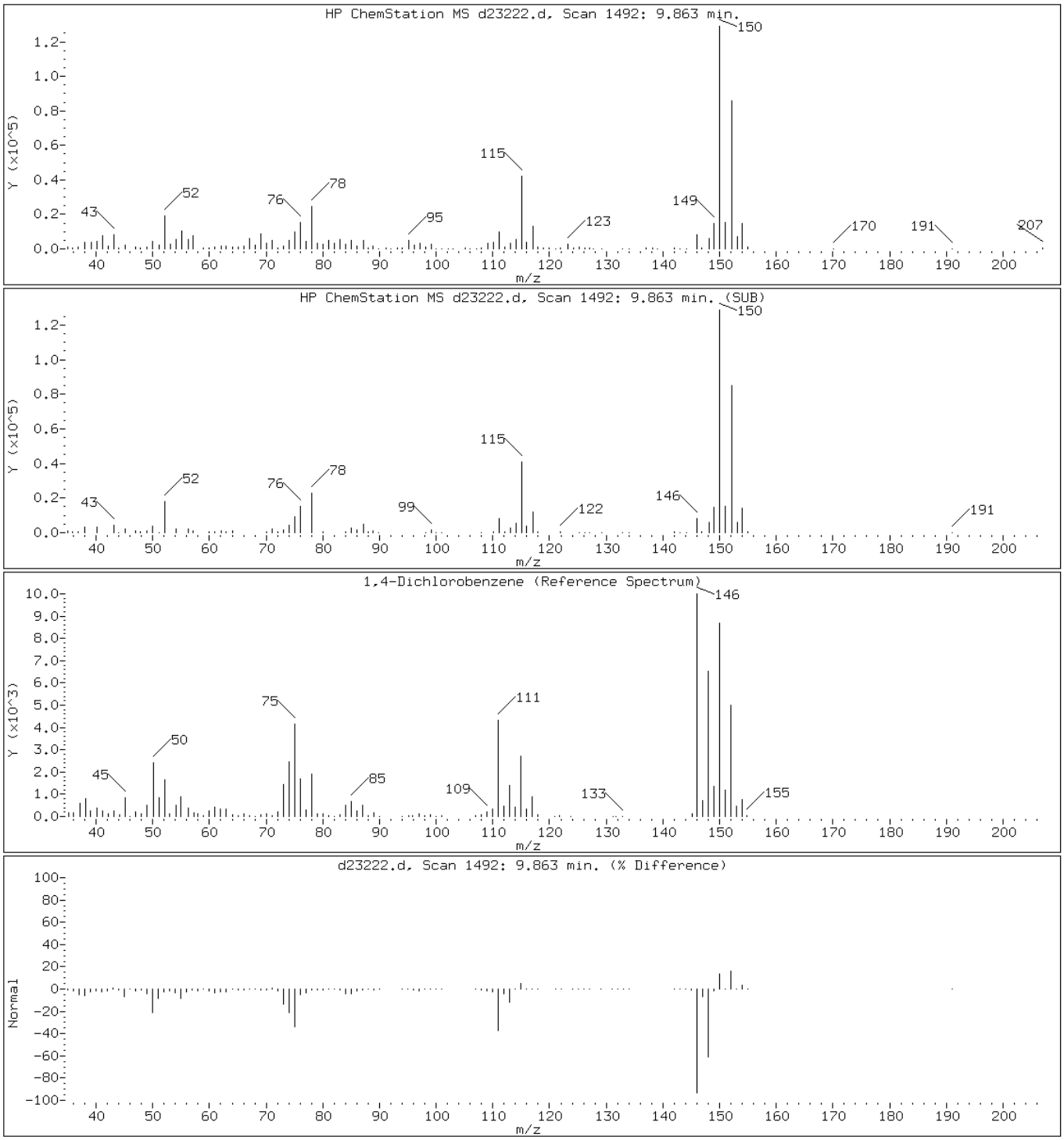
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

109 1,4-Dichlorobenzene



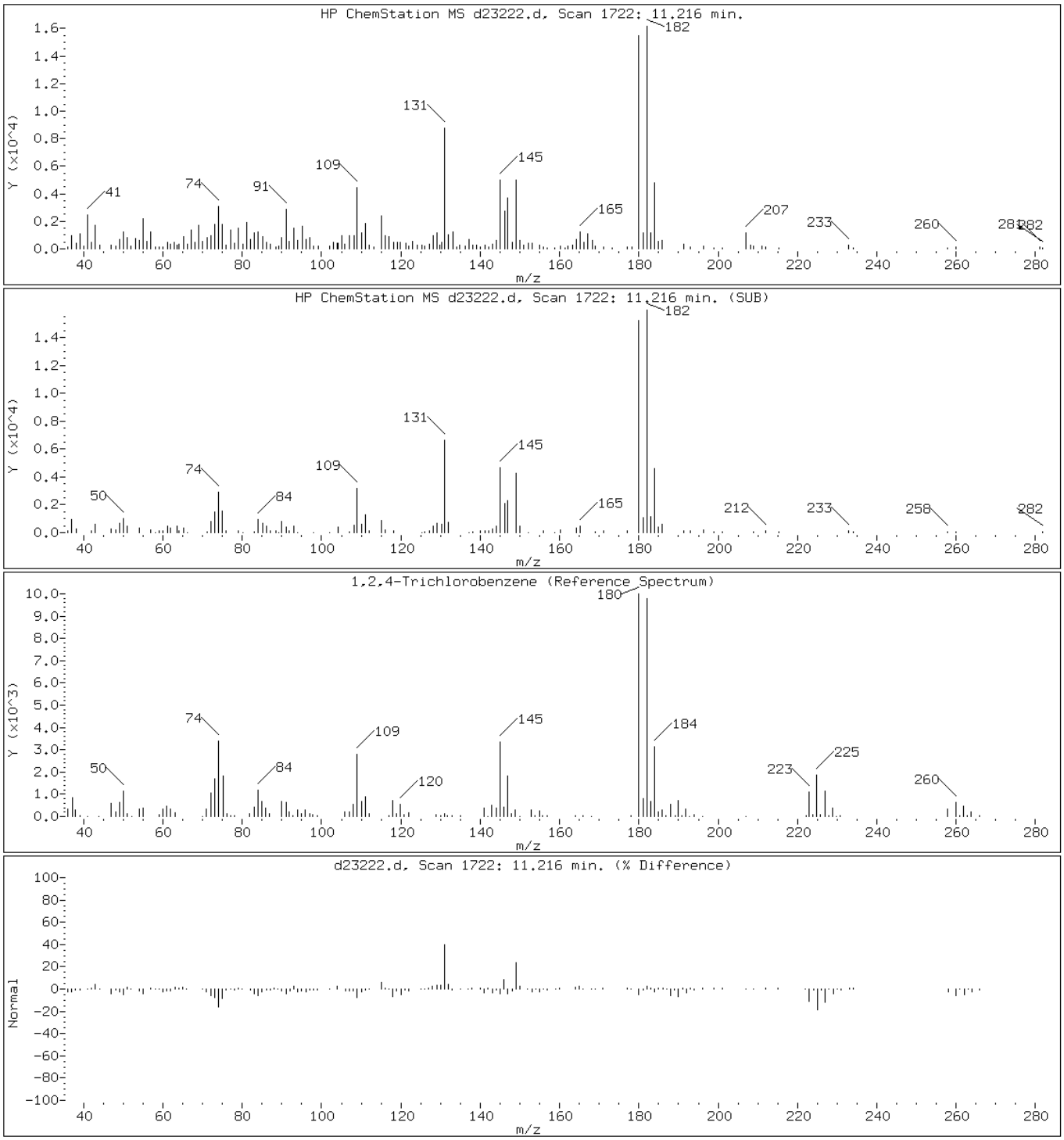
Data File: d23222.d

Date: 09-AUG-2012 15:08

Client ID: 20120731SB-397V5-6N Instrument: VOAMS4.i

Sample Info: 460-42971-B-6-A;100;;4.66;10 Operator:

114 1,2,4-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V0-2N | Lab Sample ID: 460-42971-7

Matrix: Solid | Lab File ID: o63157.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:05

Sample wt/vol: 3.81(g) | Date Analyzed: 08/08/2012 01:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.7 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.24	U	1.5	0.24
74-83-9	Bromomethane	0.65	U	1.5	0.65
75-01-4	Vinyl chloride	0.51	U	1.5	0.51
75-00-3	Chloroethane	0.50	U	1.5	0.50
75-09-2	Methylene Chloride	0.52	J B	1.5	0.23
67-64-1	Acetone	13	J	15	2.5
75-15-0	Carbon disulfide	0.84	J	1.5	0.23
75-69-4	Trichlorofluoromethane	0.24	U	1.5	0.24
75-35-4	1,1-Dichloroethene	0.29	U	1.5	0.29
75-34-3	1,1-Dichloroethane	0.17	U	1.5	0.17
156-60-5	trans-1,2-Dichloroethene	0.20	U	1.5	0.20
156-59-2	cis-1,2-Dichloroethene	0.17	U	1.5	0.17
67-66-3	Chloroform	0.36	U	1.5	0.36
78-93-3	2-Butanone	0.95	U	15	0.95
107-06-2	1,2-Dichloroethane	0.27	U	1.5	0.27
71-55-6	1,1,1-Trichloroethane	0.20	U	1.5	0.20
56-23-5	Carbon tetrachloride	0.23	U	1.5	0.23
71-43-2	Benzene	0.49	J	1.5	0.23
75-25-2	Bromoform	0.26	U	1.5	0.26
100-42-5	Styrene	0.42	U	1.5	0.42
179601-23-1	m&p-Xylene	1.1	J	3.0	0.89
95-47-6	o-Xylene	0.35	J	1.5	0.29
100-41-4	Ethylbenzene	0.31	J	1.5	0.26
108-90-7	Chlorobenzene	0.27	U	1.5	0.27
110-82-7	Cyclohexane	0.20	U	1.5	0.20
98-82-8	Isopropylbenzene	0.17	U	1.5	0.17
591-78-6	2-Hexanone	0.20	U	15	0.20
1634-04-4	MTBE	0.17	U	1.5	0.17
76-13-1	Freon TF	0.17	U	1.5	0.17
79-20-9	Methyl acetate	0.48	U	1.5	0.48
123-91-1	1,4-Dioxane	19	U	75	19
79-01-6	Trichloroethene	0.18	U	1.5	0.18
108-88-3	Toluene	39		1.5	0.21
10061-02-6	trans-1,3-Dichloropropene	0.15	U	1.5	0.15
108-10-1	4-Methyl-2-pentanone	0.30	U	15	0.30
10061-01-5	cis-1,3-Dichloropropene	0.21	U	1.5	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V0-2N | Lab Sample ID: 460-42971-7

Matrix: Solid | Lab File ID: o63157.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:05

Sample wt/vol: 3.81(g) | Date Analyzed: 08/08/2012 01:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.7 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.15	U	1.5	0.15
541-73-1	1,3-Dichlorobenzene	0.24	U	1.5	0.24
106-46-7	1,4-Dichlorobenzene	0.17	U	1.5	0.17
120-82-1	1,2,4-Trichlorobenzene	0.29	U	1.5	0.29
87-61-6	1,2,3-Trichlorobenzene	0.24	U	1.5	0.24
78-87-5	1,2-Dichloropropane	0.23	U	1.5	0.23
108-87-2	Methylcyclohexane	0.31	J	1.5	0.15
127-18-4	Tetrachloroethene	0.30	J	1.5	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.66	U	1.5	0.66
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	1.5	0.14
79-00-5	1,1,2-Trichloroethane	0.21	U	1.5	0.21
124-48-1	Dibromochloromethane	0.15	U	1.5	0.15
106-93-4	1,2-Dibromoethane	0.23	U	1.5	0.23
75-71-8	Dichlorodifluoromethane	0.33	U	1.5	0.33
74-97-5	Bromochloromethane	0.17	U	1.5	0.17
75-27-4	Bromodichloromethane	0.48	U	1.5	0.48

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	110		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63157.d
Report Date: 08-Aug-2012 09:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63157.d
Lab Smp Id: 460-42971-D-7-A Client Smp ID: 20120731SB-394V0-2N
Inj Date : 08-AUG-2012 01:06
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-D-7-A;;;3.81;5
Misc Info : 460-42971-D-7-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.81000	Weight of sample extracted (g)
M	12.71186	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.654	1.654	(0.446)	7082	8.95122	13(a)
8 Carbon Disulfide	76	1.732	1.733	(0.467)	6229	0.55854	0.84(a)
6 Methylene Chloride	84	1.897	1.897	(0.511)	1168	0.34653	0.52(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	96669	45.5618	68
28 Benzene	78	3.444	3.445	(0.929)	4770	0.32621	0.49(a)
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	516390	50.0000	
126 Methyl cyclohexane	83	4.225	4.225	(1.139)	1432	0.20320	0.30(a)
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	395828	51.6502	78
38 Toluene	91	5.464	5.465	(0.752)	405449	25.7287	39
35 Tetrachloroethene	166	6.130	6.131	(0.843)	863	0.19886	0.30(a)
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	377835	50.0000	
40 Ethylbenzene	106	7.506	7.513	(1.032)	1112	0.20461	0.31(a)
43 m+p-Xylene	106	7.692	7.692	(1.058)	4961	0.73473	1.1(a)
44 o-Xylene	106	8.265	8.272	(1.137)	1550	0.23244	0.35(a)

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63157.d
Report Date: 08-Aug-2012 09:43

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	145653	54.7737	82
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	189819	50.0000	
M 45 Xylene (Total)	100				6511	0.96829	1.4(a)

QC Flag Legend

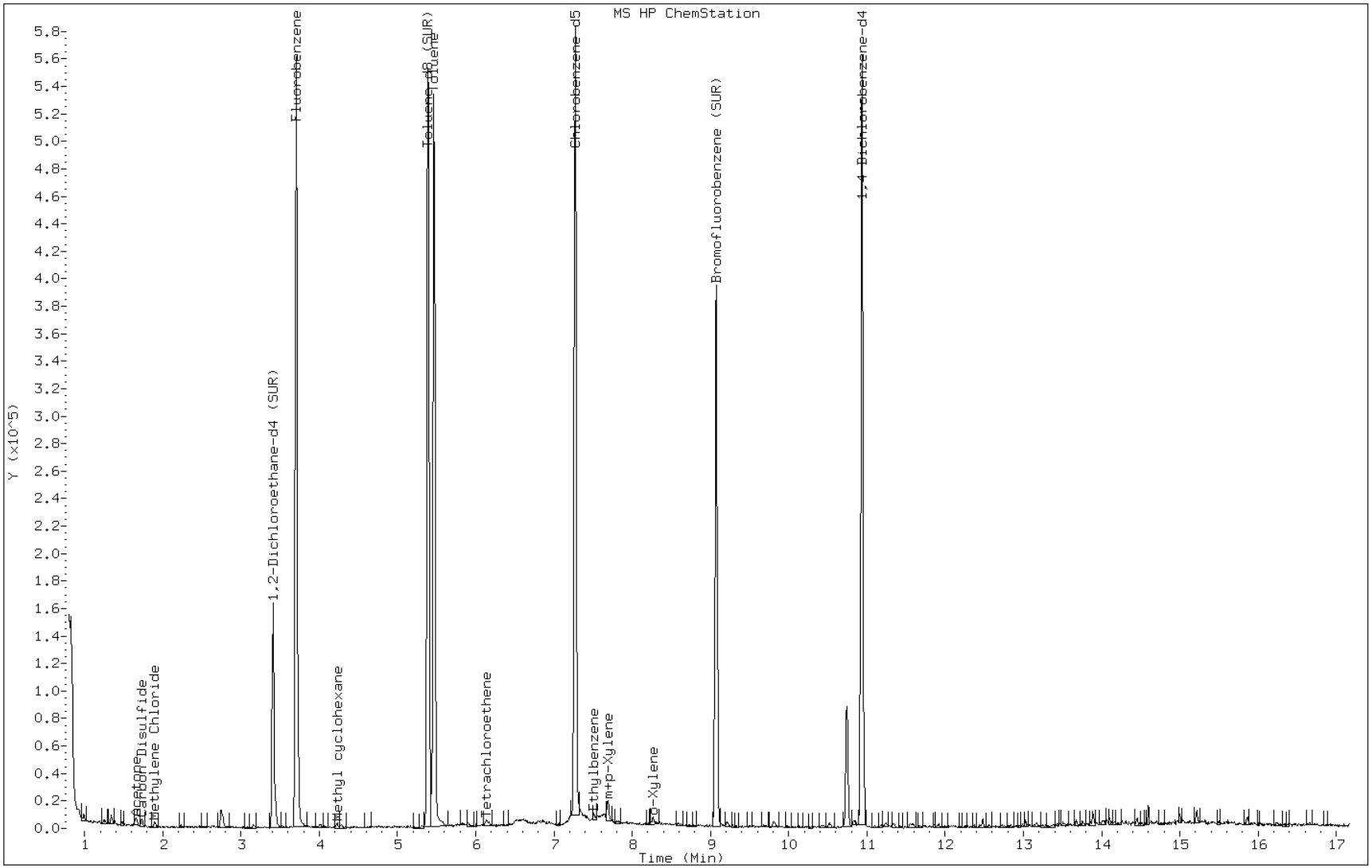
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9



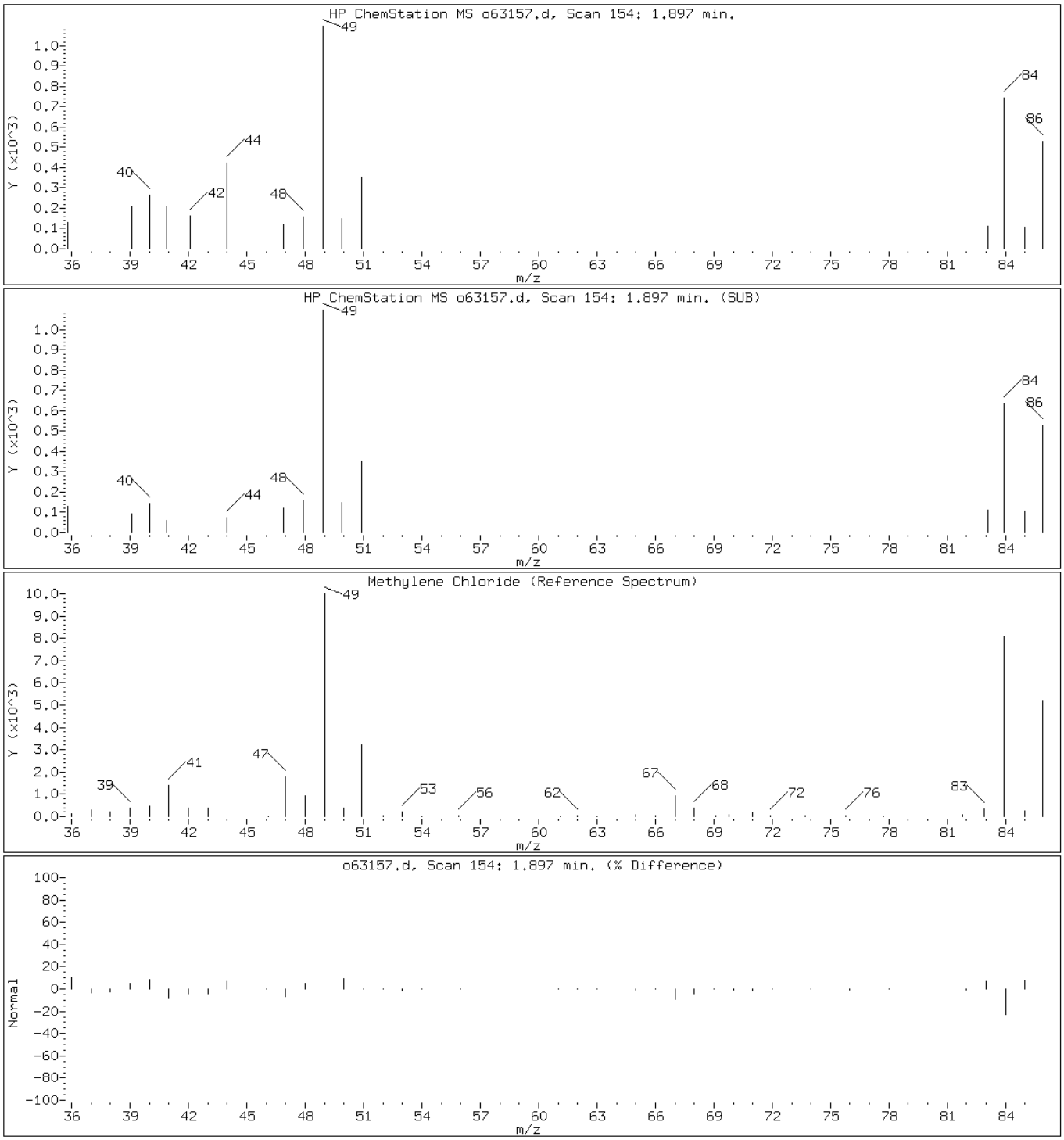
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

6 Methylene Chloride



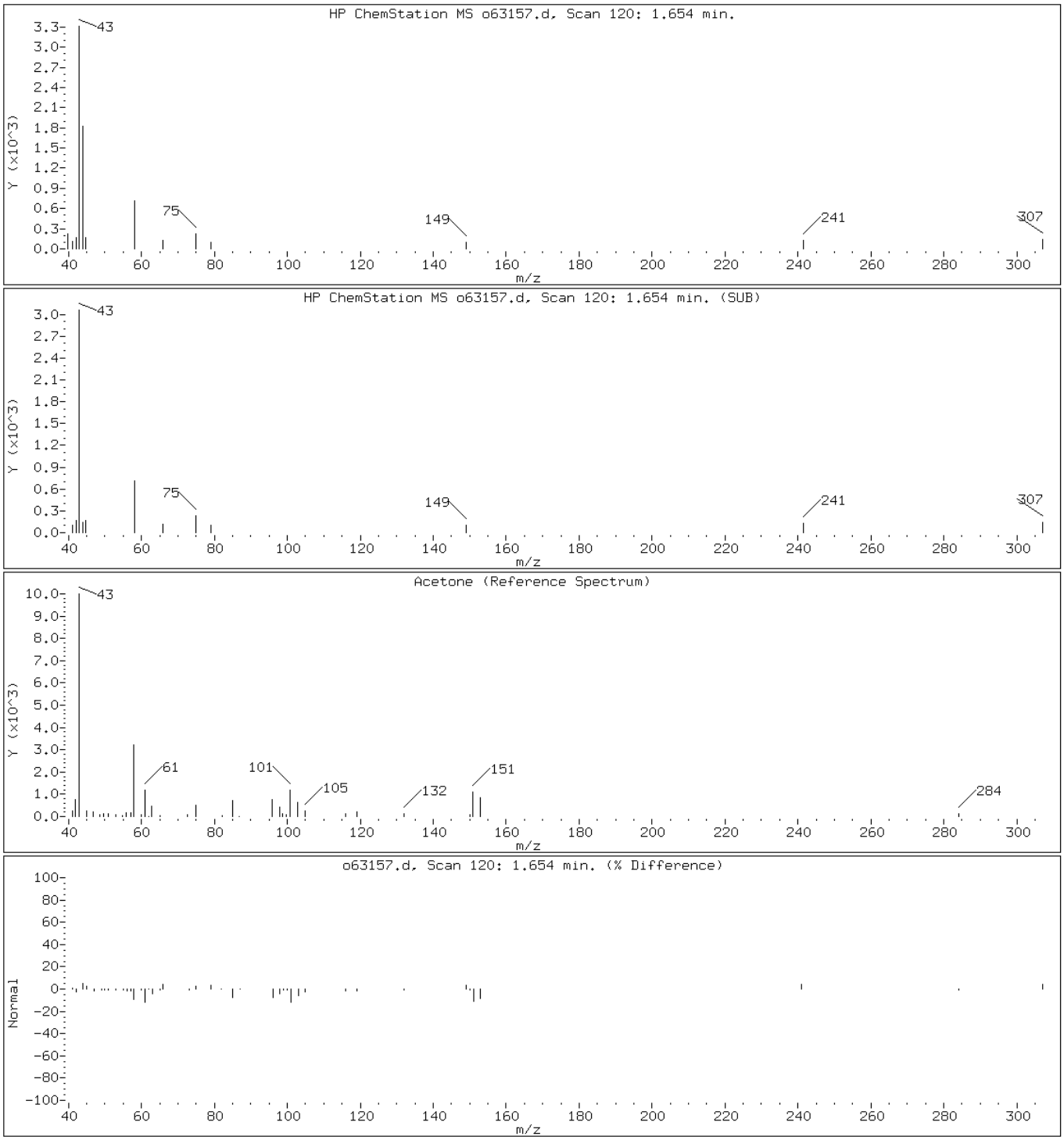
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

7 Acetone



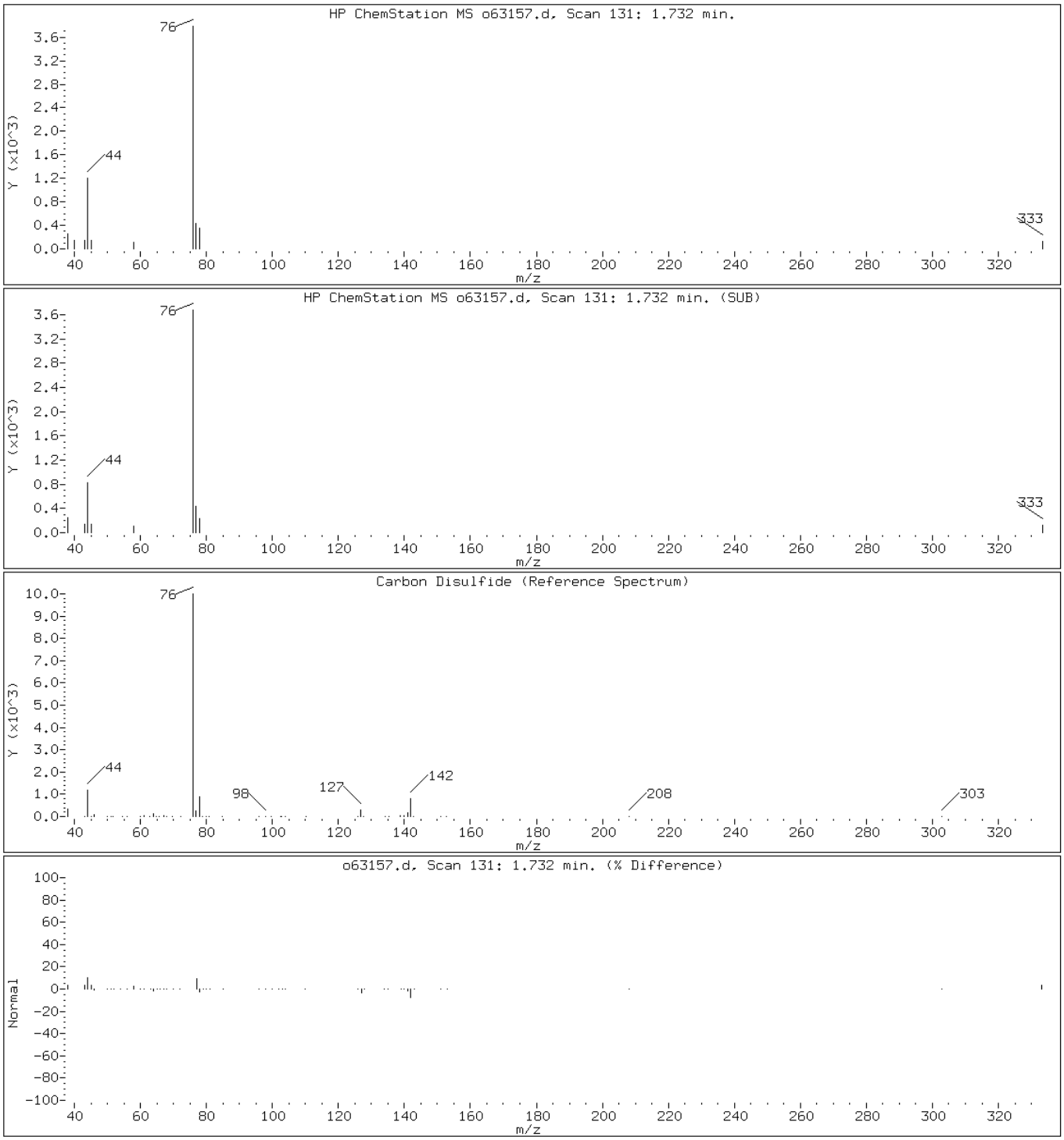
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

8 Carbon Disulfide



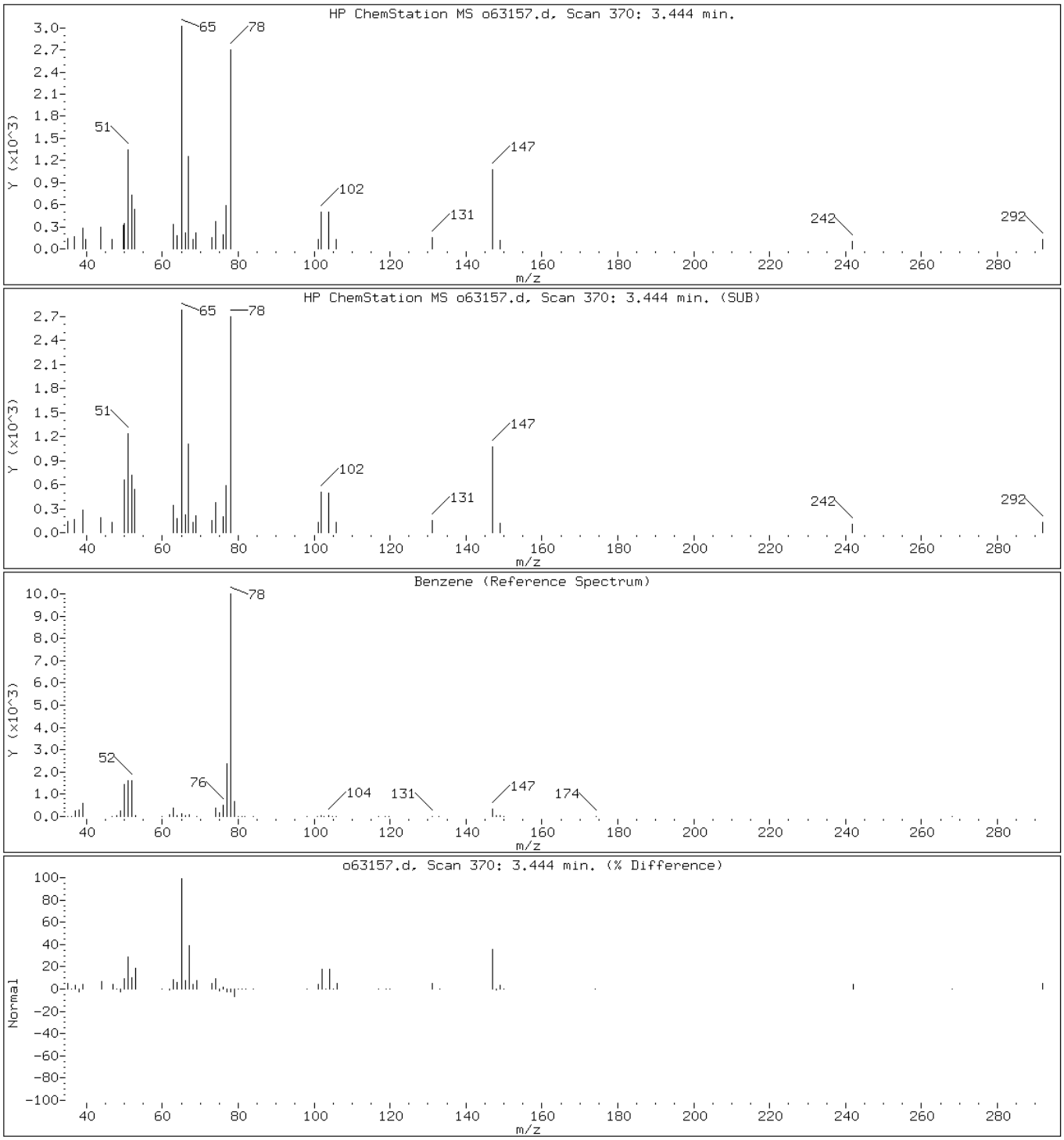
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

28 Benzene



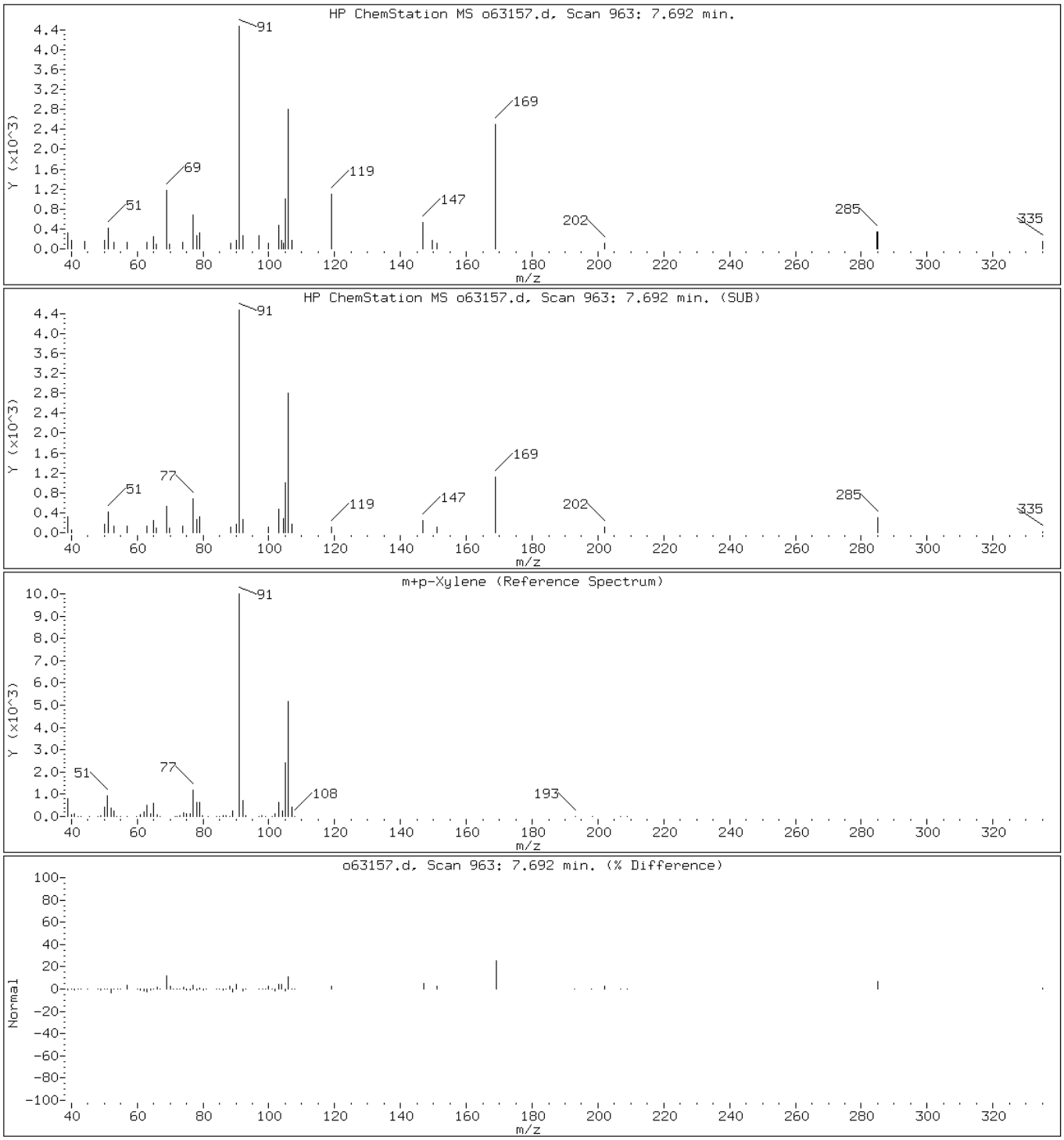
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

43 m+p-Xylene



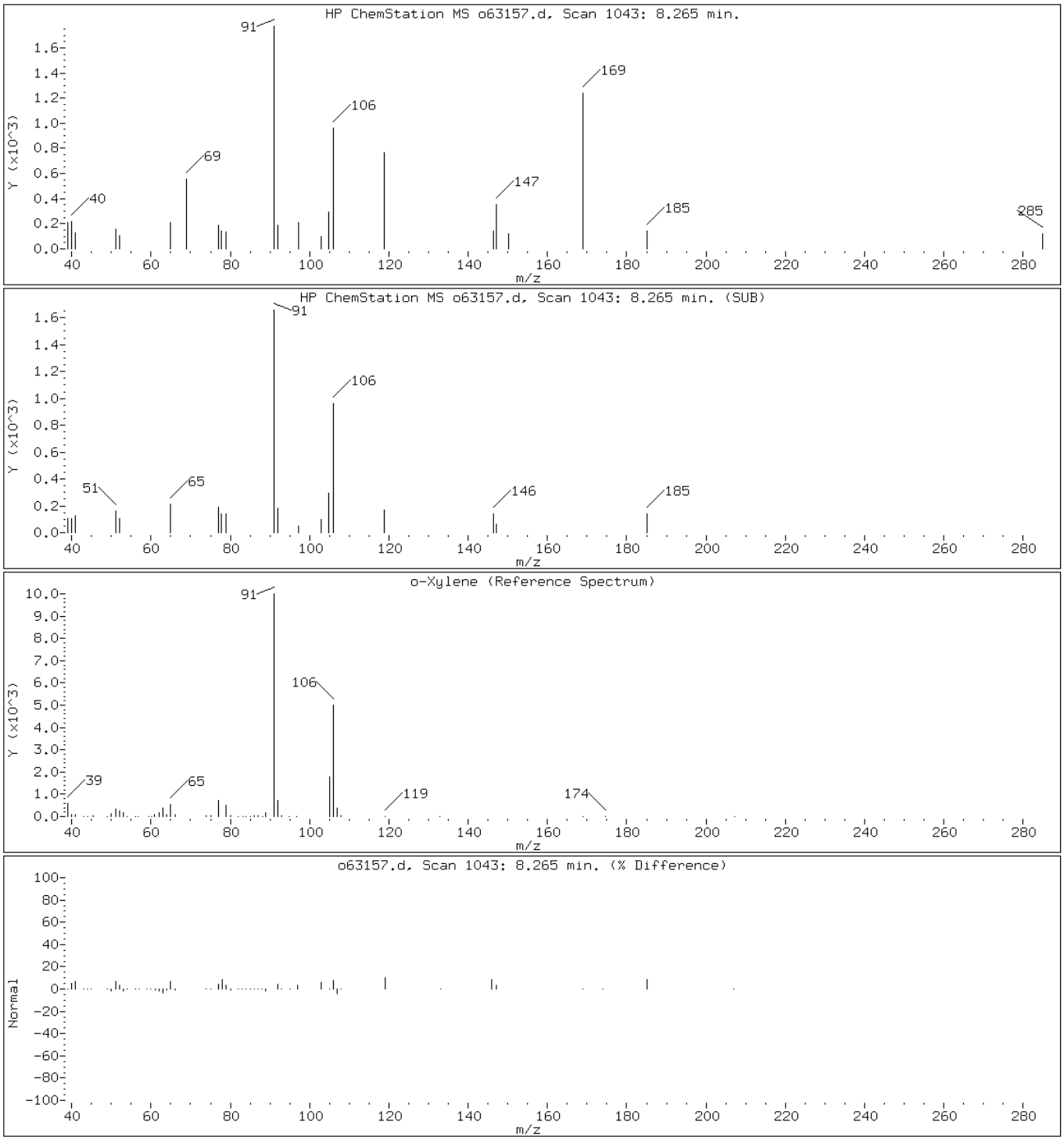
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

44 o-Xylene



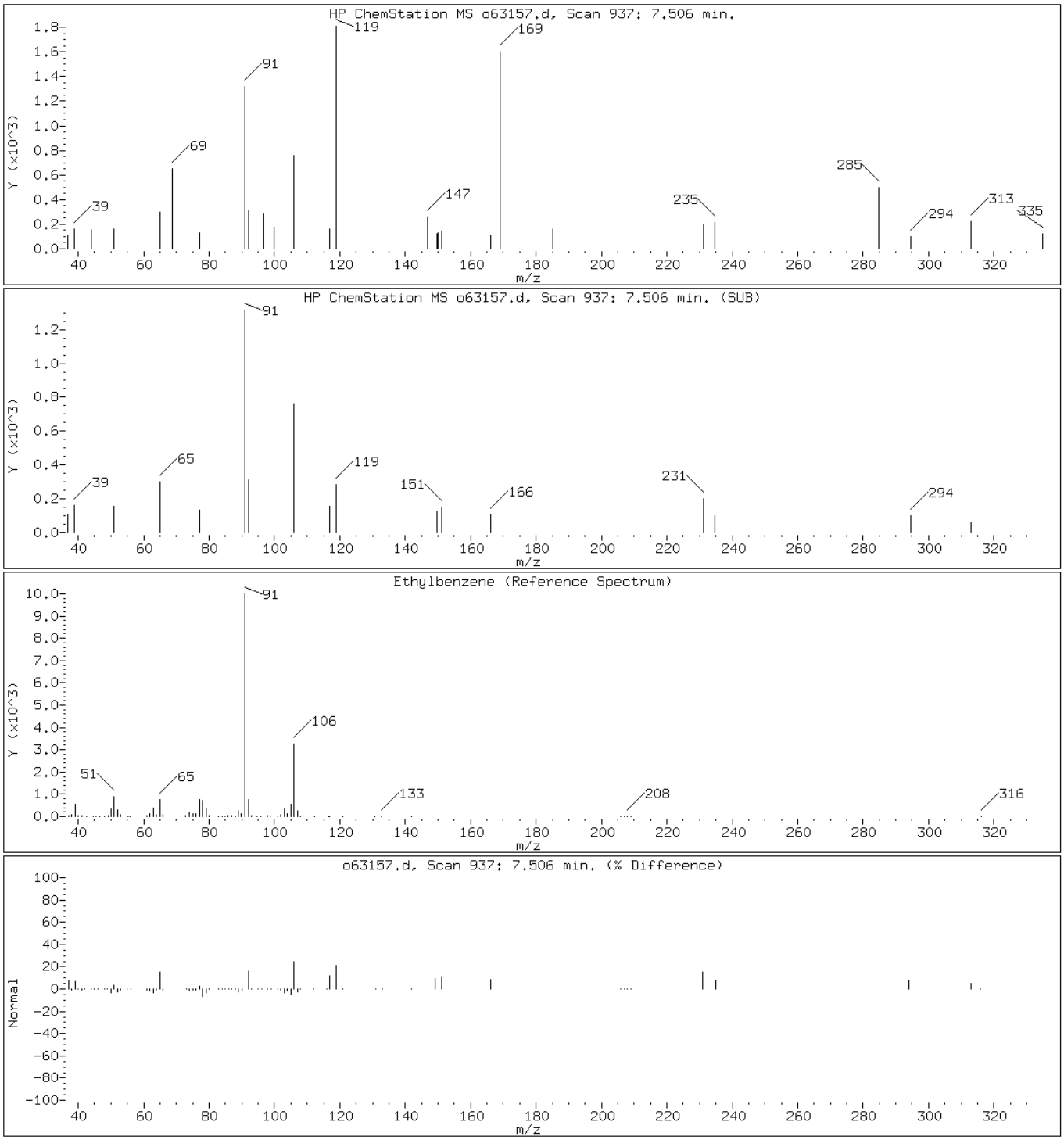
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

40 Ethylbenzene



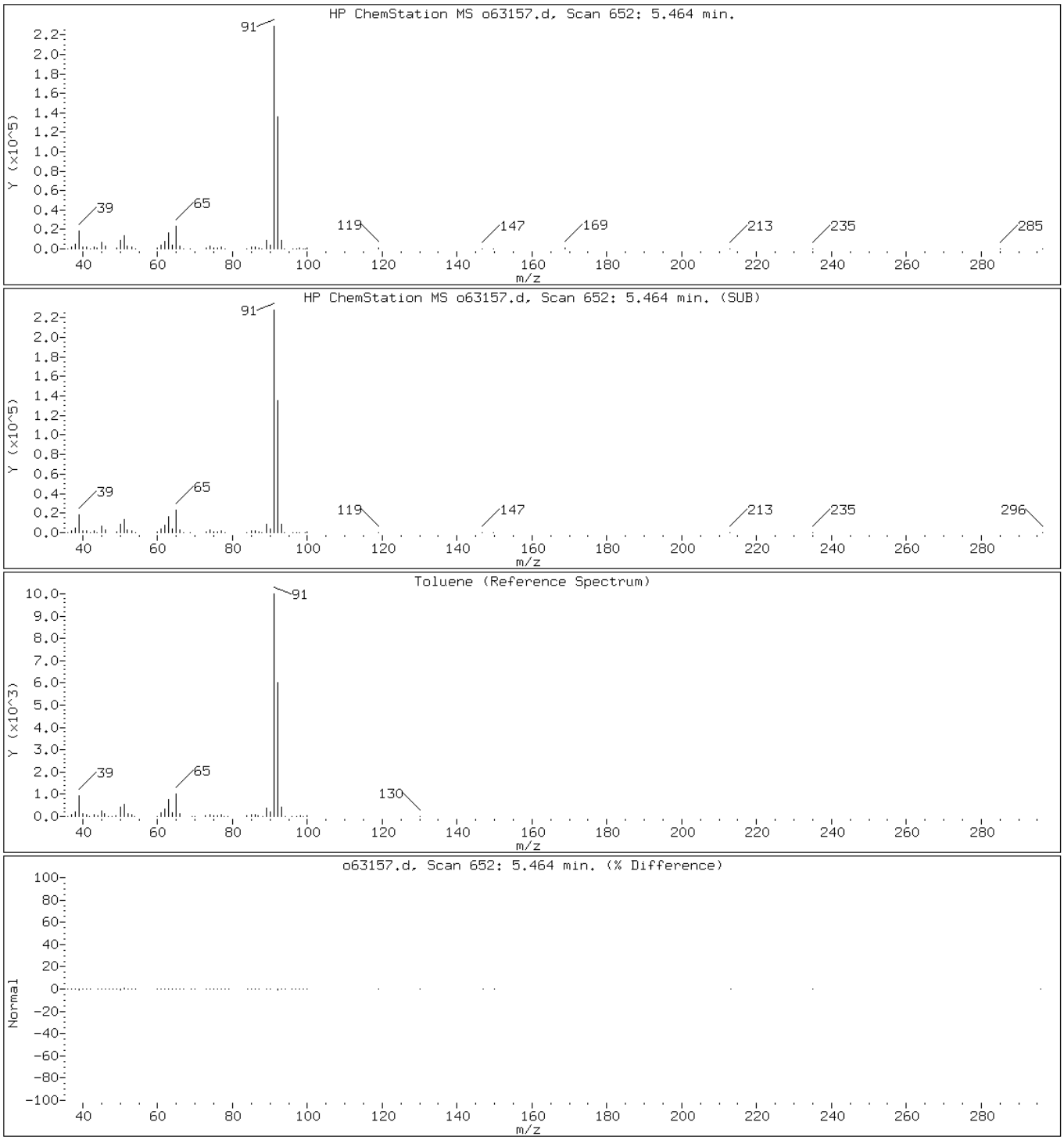
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

38 Toluene



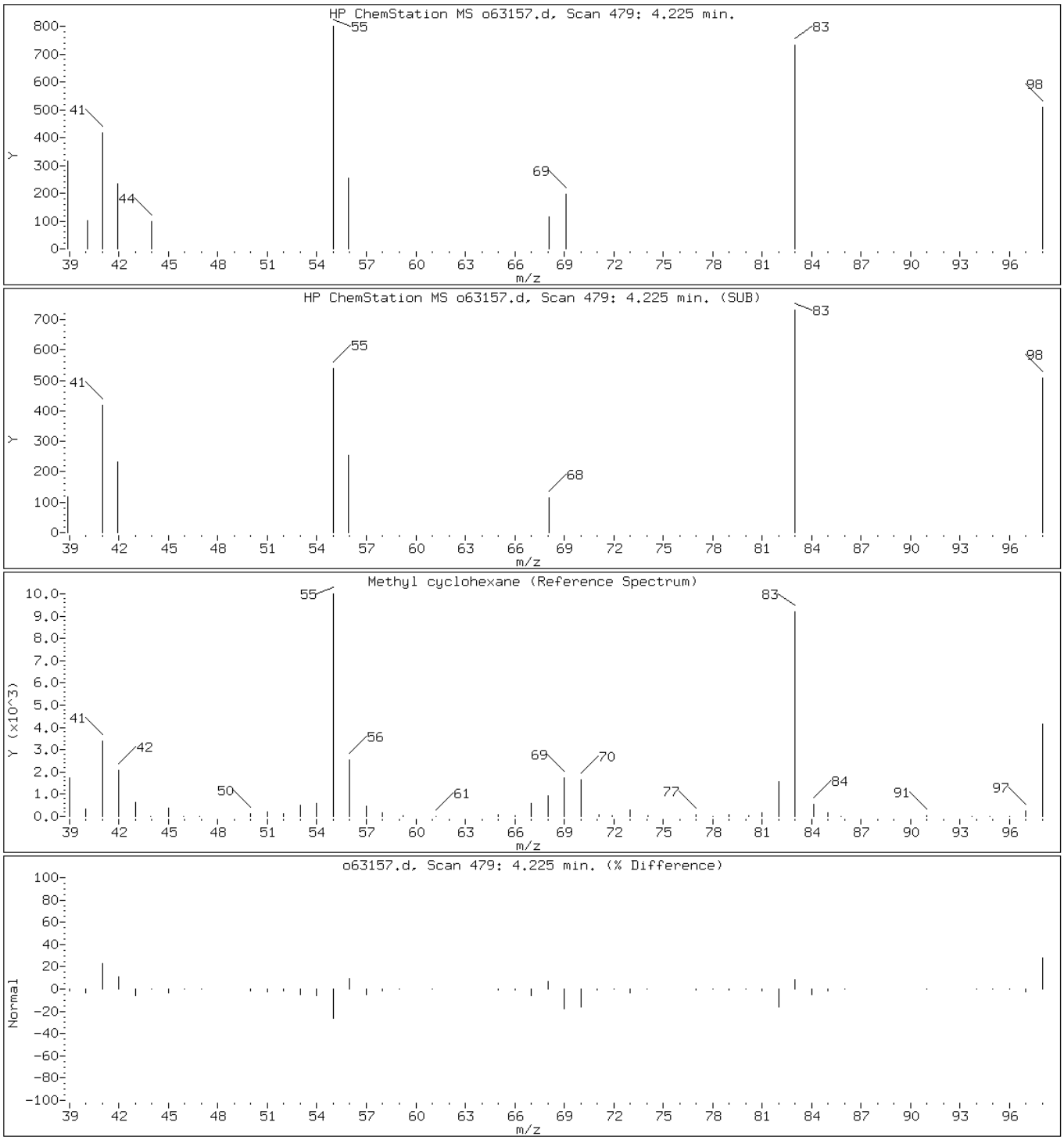
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

126 Methyl cyclohexane



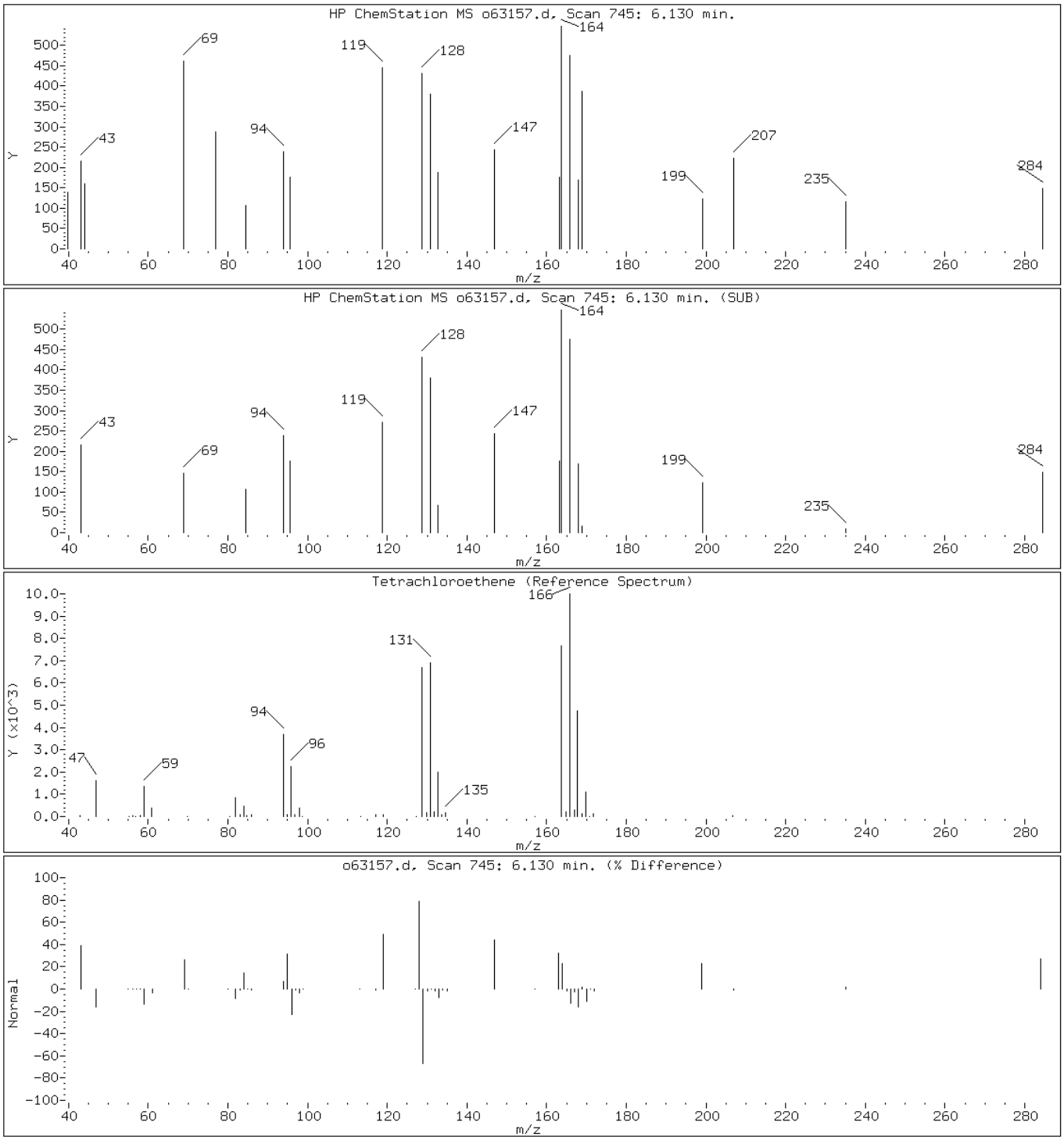
Data File: o63157.d

Date: 08-AUG-2012 01:06

Client ID: 20120731SB-394V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-7-A;;;3.81;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V7-8N | Lab Sample ID: 460-42971-8

Matrix: Solid | Lab File ID: o63259.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:10

Sample wt/vol: 3.97(g) | Date Analyzed: 08/10/2012 05:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 27.3 | Level: (low/med) Low

Analysis Batch No.: 123371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.28	U	1.7	0.28
74-83-9	Bromomethane	0.74	U	1.7	0.74
75-01-4	Vinyl chloride	0.59	U	1.7	0.59
75-00-3	Chloroethane	0.57	U	1.7	0.57
75-09-2	Methylene Chloride	0.48	J B	1.7	0.26
67-64-1	Acetone	2.9	U	17	2.9
75-15-0	Carbon disulfide	0.26	U	1.7	0.26
75-69-4	Trichlorofluoromethane	0.28	U	1.7	0.28
75-35-4	1,1-Dichloroethene	0.33	U	1.7	0.33
75-34-3	1,1-Dichloroethane	0.19	U	1.7	0.19
156-60-5	trans-1,2-Dichloroethene	0.23	U	1.7	0.23
156-59-2	cis-1,2-Dichloroethene	0.19	U	1.7	0.19
67-66-3	Chloroform	0.42	U	1.7	0.42
78-93-3	2-Butanone	1.1	U	17	1.1
107-06-2	1,2-Dichloroethane	0.31	U	1.7	0.31
71-55-6	1,1,1-Trichloroethane	0.23	U	1.7	0.23
56-23-5	Carbon tetrachloride	0.26	U	1.7	0.26
71-43-2	Benzene	0.26	U	1.7	0.26
75-25-2	Bromoform	0.29	U	1.7	0.29
100-42-5	Styrene	0.49	U	1.7	0.49
179601-23-1	m&p-Xylene	1.0	U	3.5	1.0
95-47-6	o-Xylene	0.33	U	1.7	0.33
100-41-4	Ethylbenzene	0.29	U	1.7	0.29
108-90-7	Chlorobenzene	0.31	U	1.7	0.31
110-82-7	Cyclohexane	0.23	U	1.7	0.23
98-82-8	Isopropylbenzene	0.19	U	1.7	0.19
591-78-6	2-Hexanone	0.23	U	17	0.23
1634-04-4	MTBE	0.19	U	1.7	0.19
76-13-1	Freon TF	0.19	U	1.7	0.19
79-20-9	Methyl acetate	0.55	U	1.7	0.55
123-91-1	1,4-Dioxane	22	U	87	22
79-01-6	Trichloroethene	0.21	U	1.7	0.21
108-88-3	Toluene	0.24	U	1.7	0.24
10061-02-6	trans-1,3-Dichloropropene	0.17	U	1.7	0.17
108-10-1	4-Methyl-2-pentanone	0.35	U	17	0.35
10061-01-5	cis-1,3-Dichloropropene	0.24	U	1.7	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V7-8N | Lab Sample ID: 460-42971-8

Matrix: Solid | Lab File ID: o63259.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:10

Sample wt/vol: 3.97(g) | Date Analyzed: 08/10/2012 05:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 27.3 | Level: (low/med) Low

Analysis Batch No.: 123371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.17	U	1.7	0.17
541-73-1	1,3-Dichlorobenzene	0.28	U	1.7	0.28
106-46-7	1,4-Dichlorobenzene	0.19	U	1.7	0.19
120-82-1	1,2,4-Trichlorobenzene	0.33	U	1.7	0.33
87-61-6	1,2,3-Trichlorobenzene	0.28	U	1.7	0.28
78-87-5	1,2-Dichloropropane	0.26	U	1.7	0.26
108-87-2	Methylcyclohexane	0.17	U	1.7	0.17
127-18-4	Tetrachloroethene	0.21	U	1.7	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.76	U	1.7	0.76
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.7	0.16
79-00-5	1,1,2-Trichloroethane	0.24	U	1.7	0.24
124-48-1	Dibromochloromethane	0.17	U	1.7	0.17
106-93-4	1,2-Dibromoethane	0.26	U	1.7	0.26
75-71-8	Dichlorodifluoromethane	0.38	U	1.7	0.38
74-97-5	Bromochloromethane	0.19	U	1.7	0.19
75-27-4	Bromodichloromethane	0.55	U	1.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	104		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63259.d
Report Date: 10-Aug-2012 08:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63259.d
Lab Smp Id: 460-42971-C-8-A Client Smp ID: 20120731SB-394V7-8N
Inj Date : 10-AUG-2012 05:15
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-C-8-A;;;3.97;5
Misc Info : 460-42971-C-8-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/8260L_10.m
Meth Date : 09-Aug-2012 21:27 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.97000	Weight of sample extracted (g)
M	27.29045	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	833	0.27879	0.48(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	95780	50.9234	88
* 69 Fluorobenzene	96	3.709	3.710	(1.000)	457772	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	365537	50.2848	87
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	358395	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	152989	51.9865	90
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	210069	50.0000	

QC Flag Legend

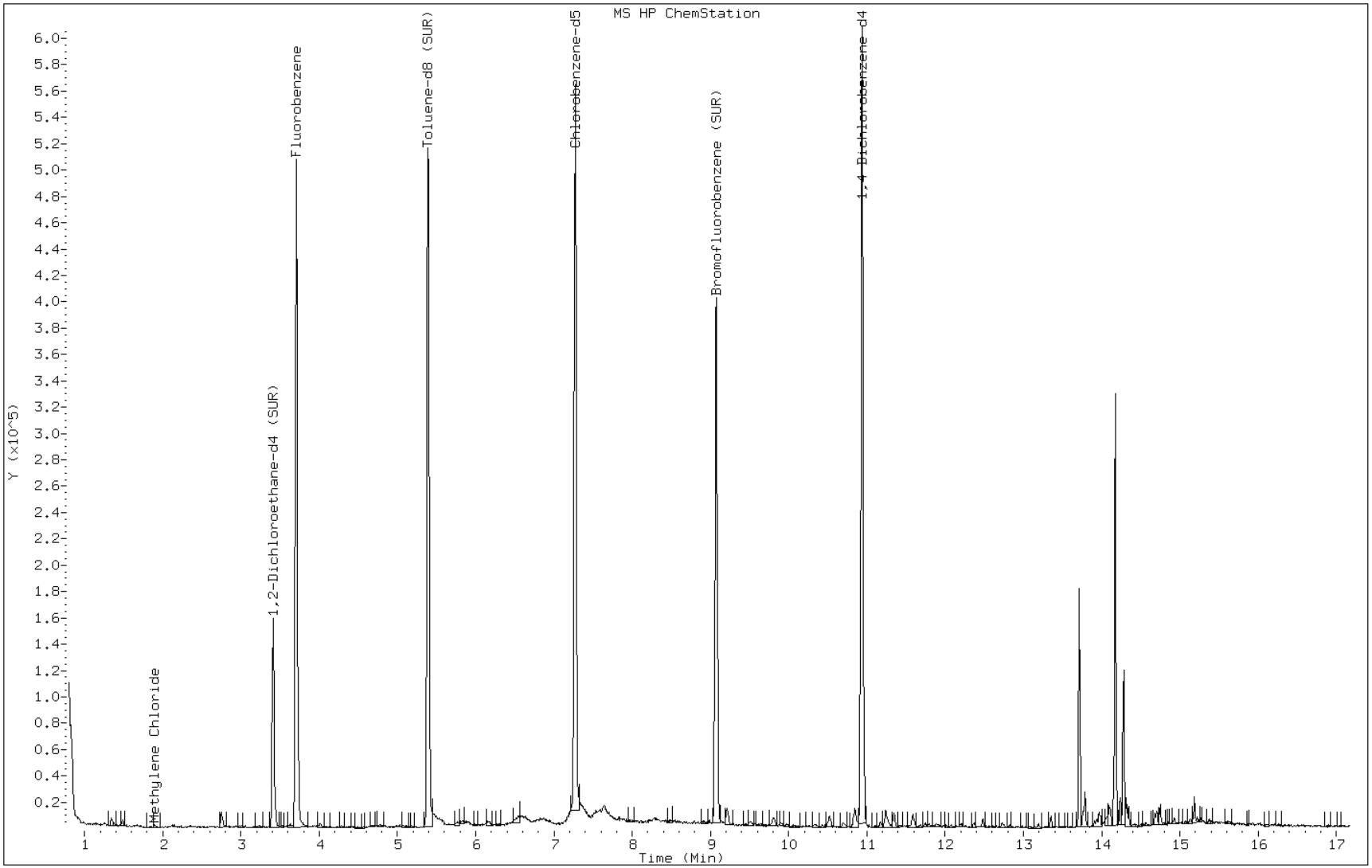
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o63259.d

Date: 10-AUG-2012 05:15

Client ID: 20120731SB-394V7-8N Instrument: VOAMS12.i

Sample Info: 460-42971-C-8-A;;;3.97;5 Operator: VOAMS 9



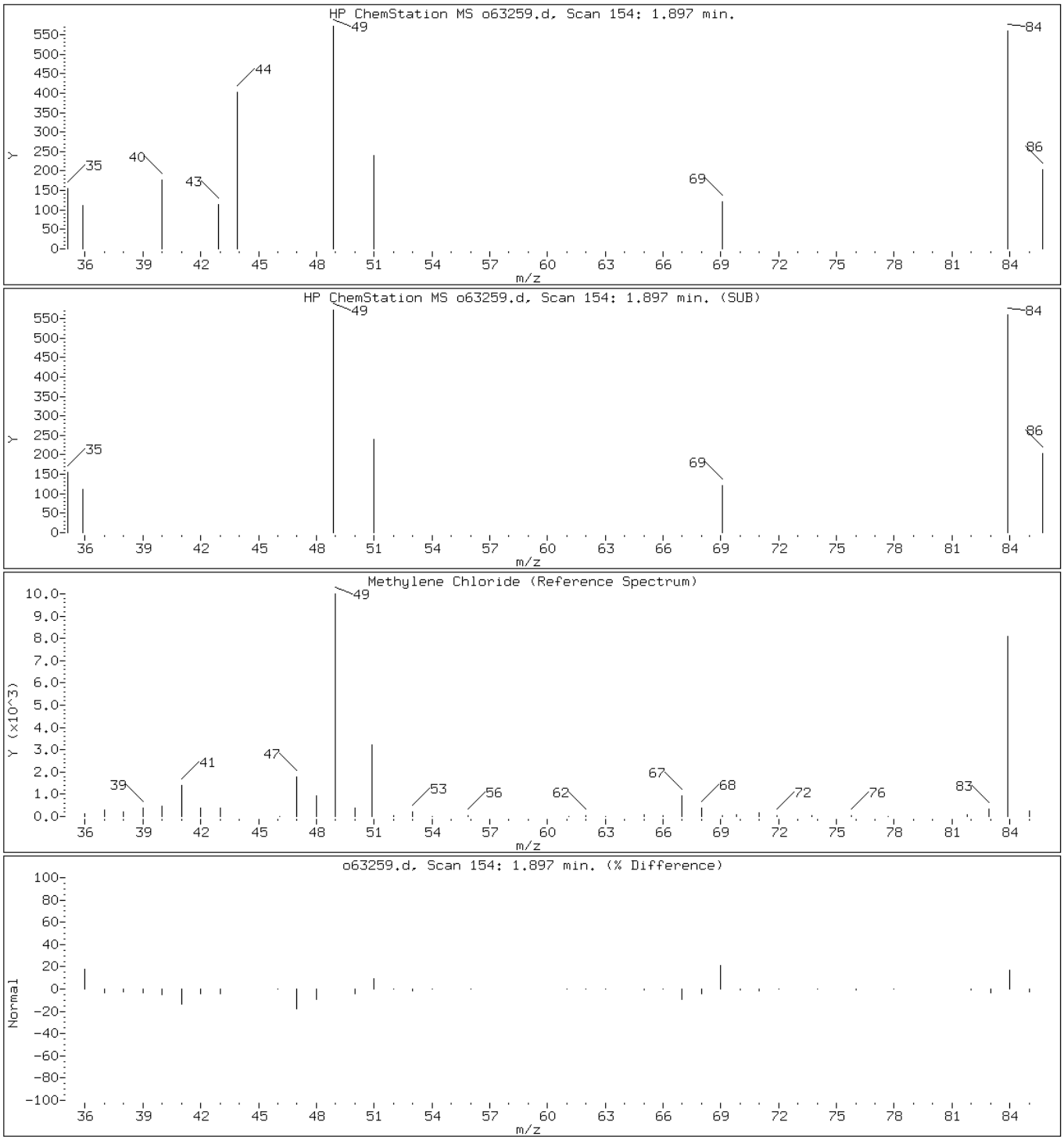
Data File: o63259.d

Date: 10-AUG-2012 05:15

Client ID: 20120731SB-394V7-8N Instrument: VOAMS12.i

Sample Info: 460-42971-C-8-A;;;3.97;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V0-2N | Lab Sample ID: 460-42971-9

Matrix: Solid | Lab File ID: o63158.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:35

Sample wt/vol: 4.36(g) | Date Analyzed: 08/08/2012 01:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.5 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.53	U	1.2	0.53
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.41	U	1.2	0.41
75-09-2	Methylene Chloride	0.52	J B	1.2	0.19
67-64-1	Acetone	13		12	2.1
75-15-0	Carbon disulfide	0.19	U	1.2	0.19
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.24	U	1.2	0.24
75-34-3	1,1-Dichloroethane	0.14	U	1.2	0.14
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.2	0.14
67-66-3	Chloroform	0.30	U	1.2	0.30
78-93-3	2-Butanone	0.78	U	12	0.78
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.19	U	1.2	0.19
71-43-2	Benzene	0.76	J	1.2	0.19
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.35	U	1.2	0.35
179601-23-1	m&p-Xylene	0.73	U	2.5	0.73
95-47-6	o-Xylene	0.52	J	1.2	0.24
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.72	J	1.2	0.16
98-82-8	Isopropylbenzene	0.14	U	1.2	0.14
591-78-6	2-Hexanone	0.16	U	12	0.16
1634-04-4	MTBE	0.14	U	1.2	0.14
76-13-1	Freon TF	0.14	U	1.2	0.14
79-20-9	Methyl acetate	0.40	U	1.2	0.40
123-91-1	1,4-Dioxane	16	U	62	16
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	1.1	J	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.25	U	12	0.25
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V0-2N | Lab Sample ID: 460-42971-9

Matrix: Solid | Lab File ID: o63158.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:35

Sample wt/vol: 4.36(g) | Date Analyzed: 08/08/2012 01:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.5 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.20	U	1.2	0.20
106-46-7	1,4-Dichlorobenzene	0.14	U	1.2	0.14
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.2	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
78-87-5	1,2-Dichloropropane	0.19	U	1.2	0.19
108-87-2	Methylcyclohexane	1.4		1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U	1.2	0.55
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.19	U	1.2	0.19
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.14	U	1.2	0.14
75-27-4	Bromodichloromethane	0.40	U	1.2	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63158.d
Report Date: 08-Aug-2012 09:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63158.d
Lab Smp Id: 460-42971-D-9-A Client Smp ID: 20120731SB-393V0-2N
Inj Date : 08-AUG-2012 01:31
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-D-9-A;;;4.36;5
Misc Info : 460-42971-D-9-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.36000	Weight of sample extracted (g)
M	7.52688	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.654	1.654	(0.446)	8719	10.2565	13
6 Methylene Chloride	84	1.897	1.897	(0.511)	1515	0.41831	0.52(a)
59 Cyclohexane	56	3.158	3.165	(0.851)	4516	0.57974	0.72(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	101643	44.5839	55
28 Benzene	78	3.444	3.445	(0.929)	9611	0.61169	0.76(a)
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	554870	50.0000	
126 Methyl cyclohexane	83	4.225	4.225	(1.139)	8641	1.14111	1.4
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	411854	48.8976	61
38 Toluene	91	5.464	5.465	(0.752)	15923	0.91936	1.1(a)
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	415263	50.0000	
44 o-Xylene	106	8.265	8.272	(1.137)	3090	0.42162	0.52(a)
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	167601	49.1393	61
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	243467	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63158.d
Report Date: 08-Aug-2012 09:45

QC Flag Legend

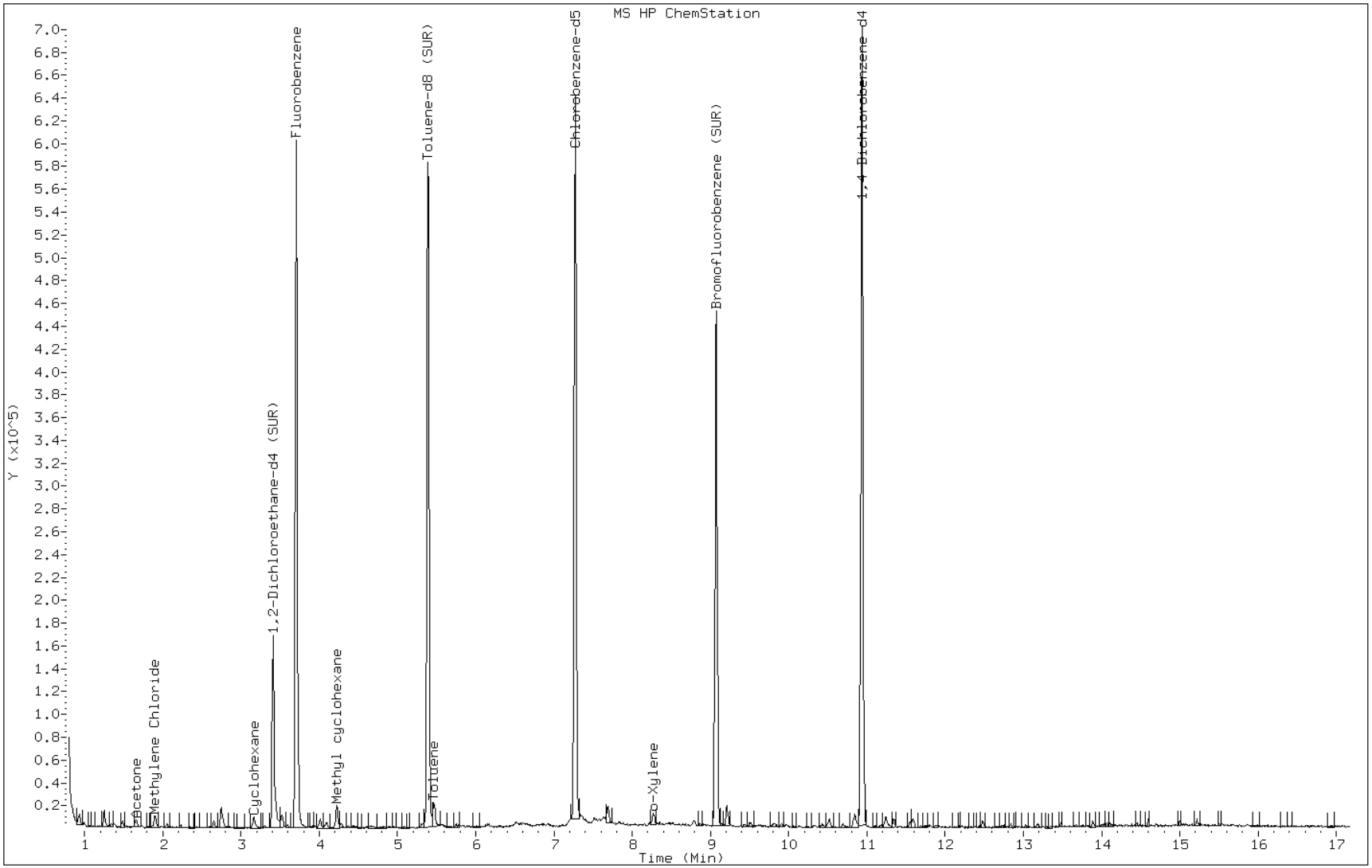
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o63158.d

Date: 08-AUG-2012 01:31

Client ID: 20120731SB-393V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-9-A;;;4.36;5 Operator: VOAMS 9



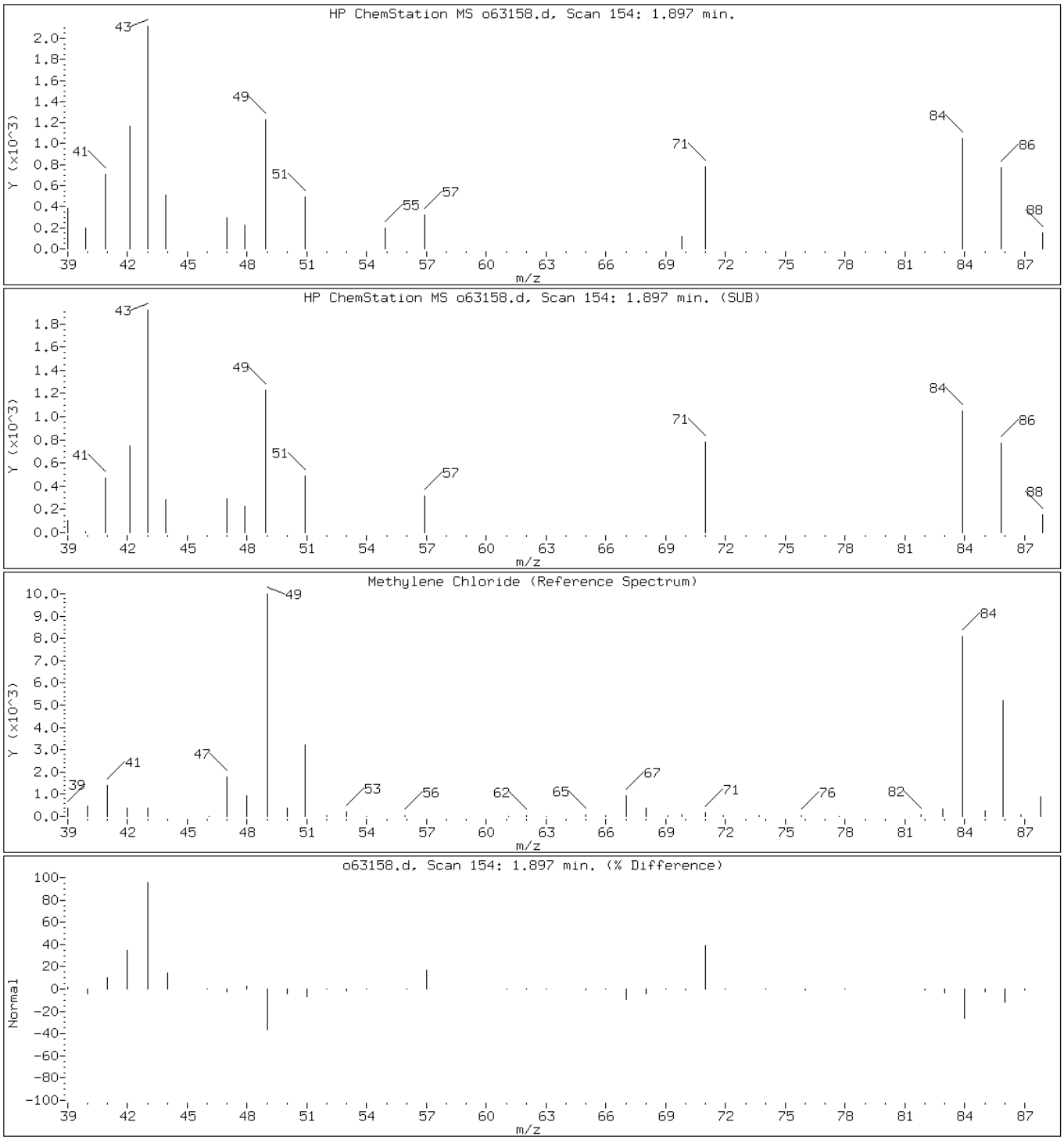
Data File: o63158.d

Date: 08-AUG-2012 01:31

Client ID: 20120731SB-393V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-9-A;;;4.36;5 Operator: VOAMS 9

6 Methylene Chloride



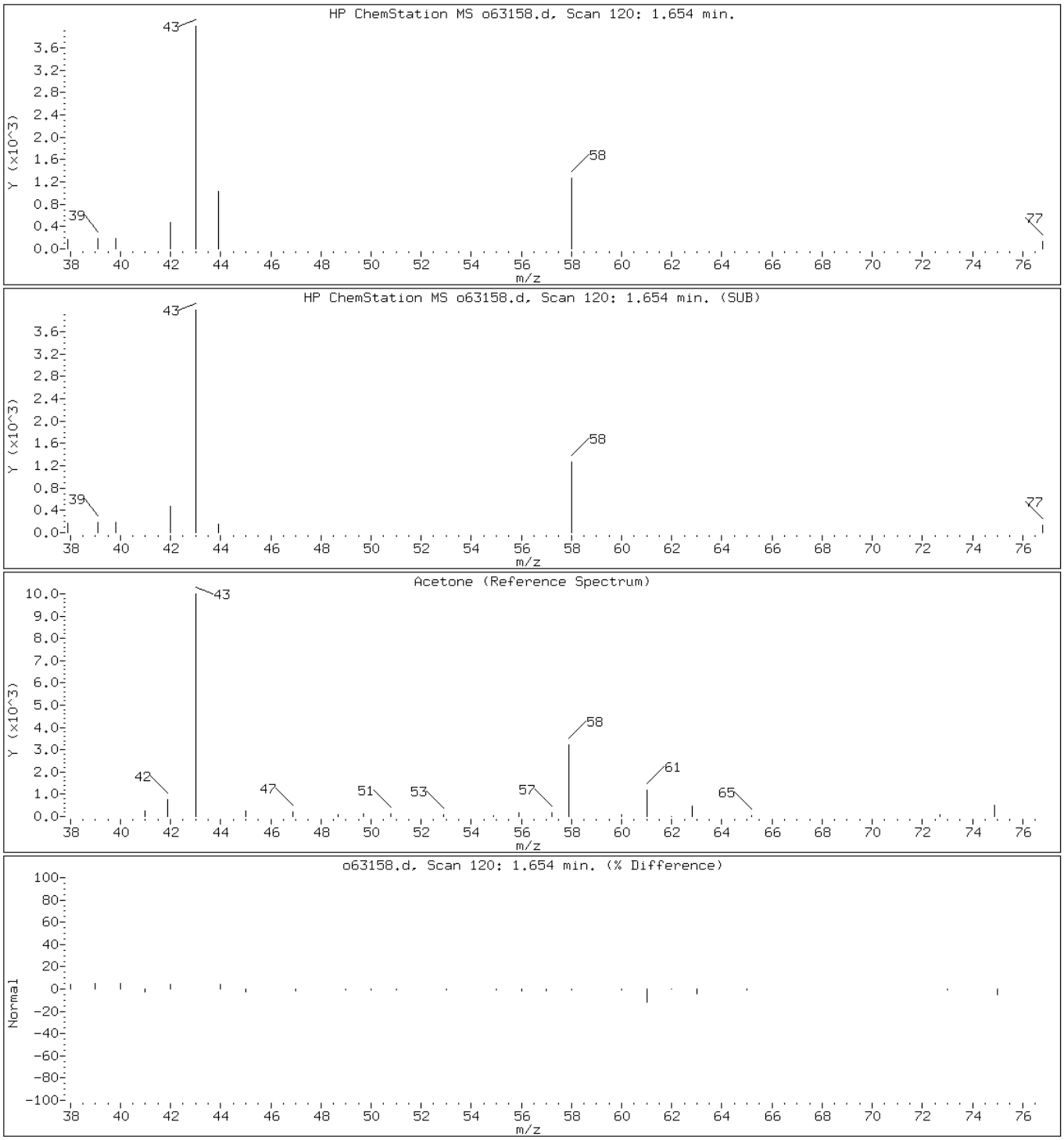
Data File: o63158.d

Date: 08-AUG-2012 01:31

Client ID: 20120731SB-393V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-9-A;;;4.36;5 Operator: VOAMS 9

7 Acetone



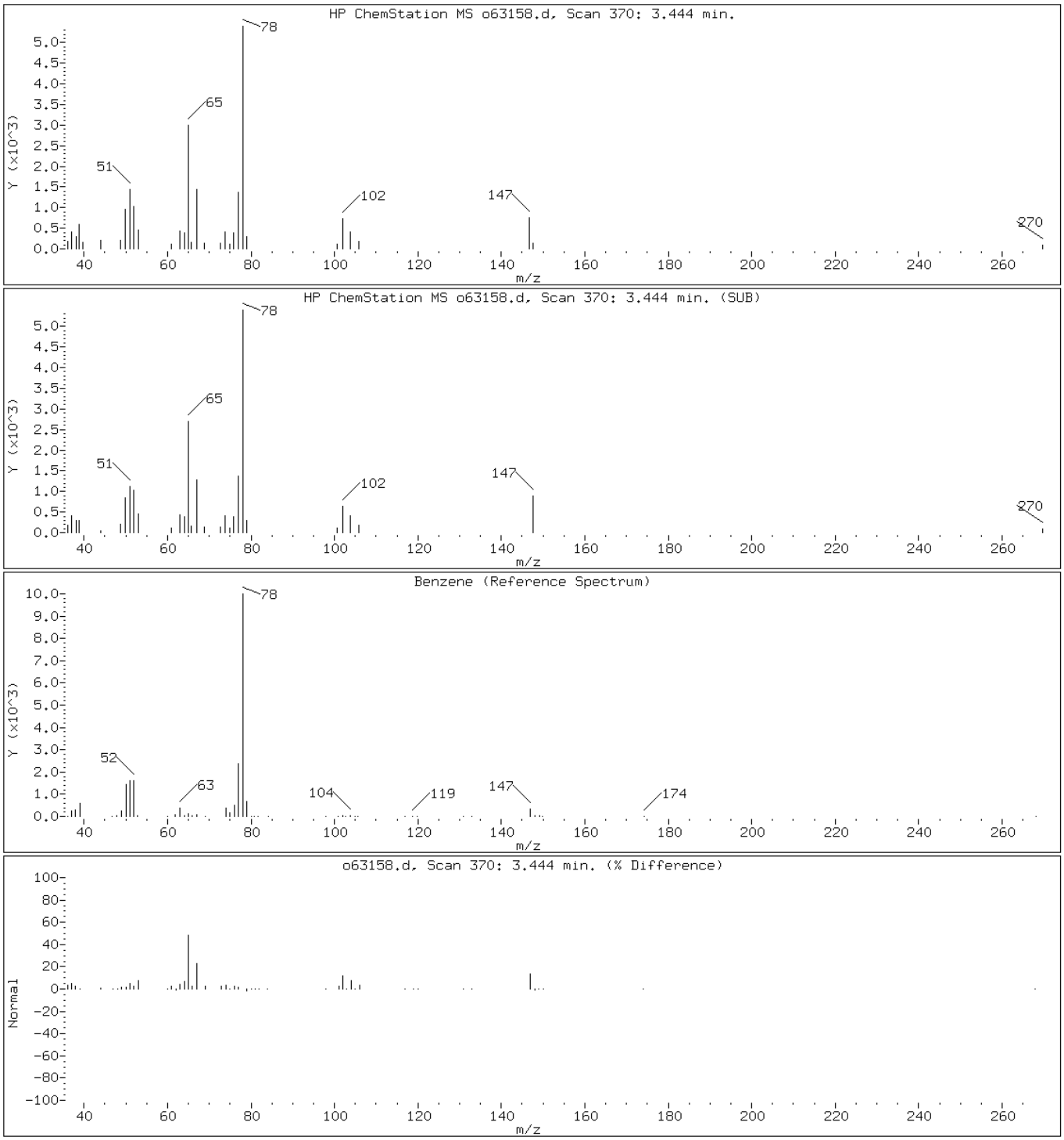
Data File: o63158.d

Date: 08-AUG-2012 01:31

Client ID: 20120731SB-393V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-9-A;;;4.36;5 Operator: VOAMS 9

28 Benzene



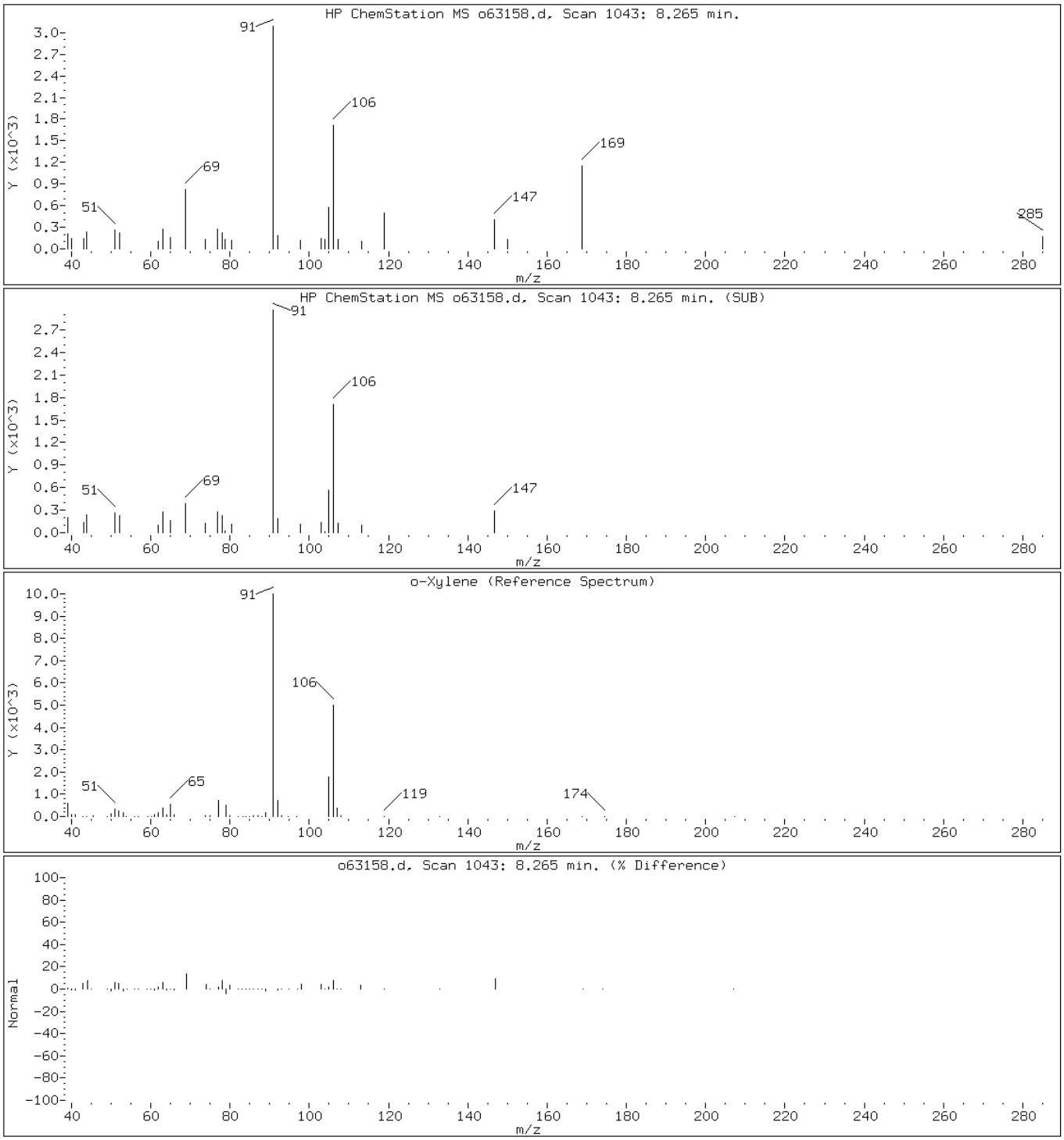
Data File: o63158.d

Date: 08-AUG-2012 01:31

Client ID: 20120731SB-393V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-9-A;;;4.36;5 Operator: VOAMS 9

44 o-Xylene



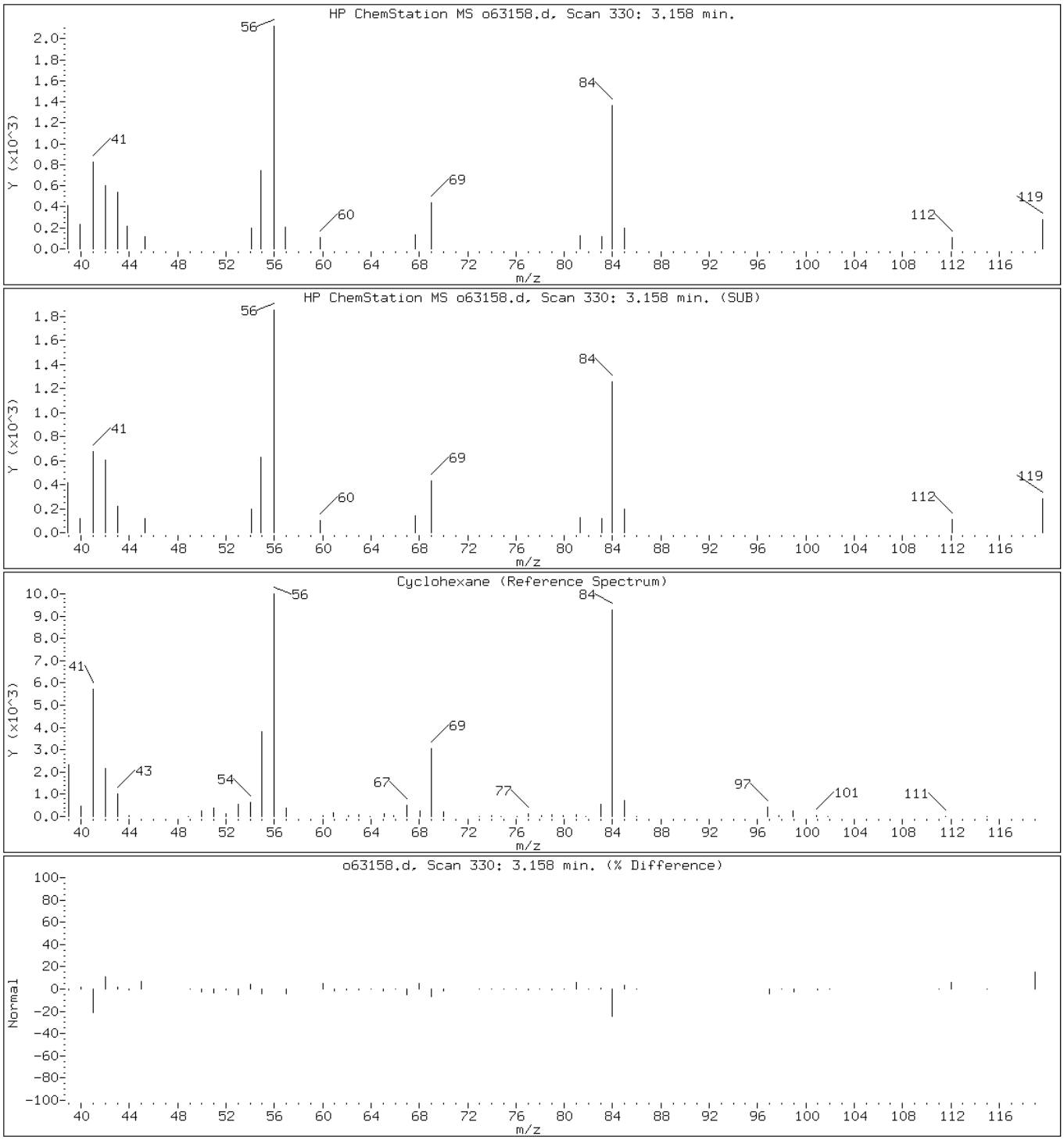
Data File: o63158.d

Date: 08-AUG-2012 01:31

Client ID: 20120731SB-393V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-9-A;;;4.36;5 Operator: VOAMS 9

59 Cyclohexane



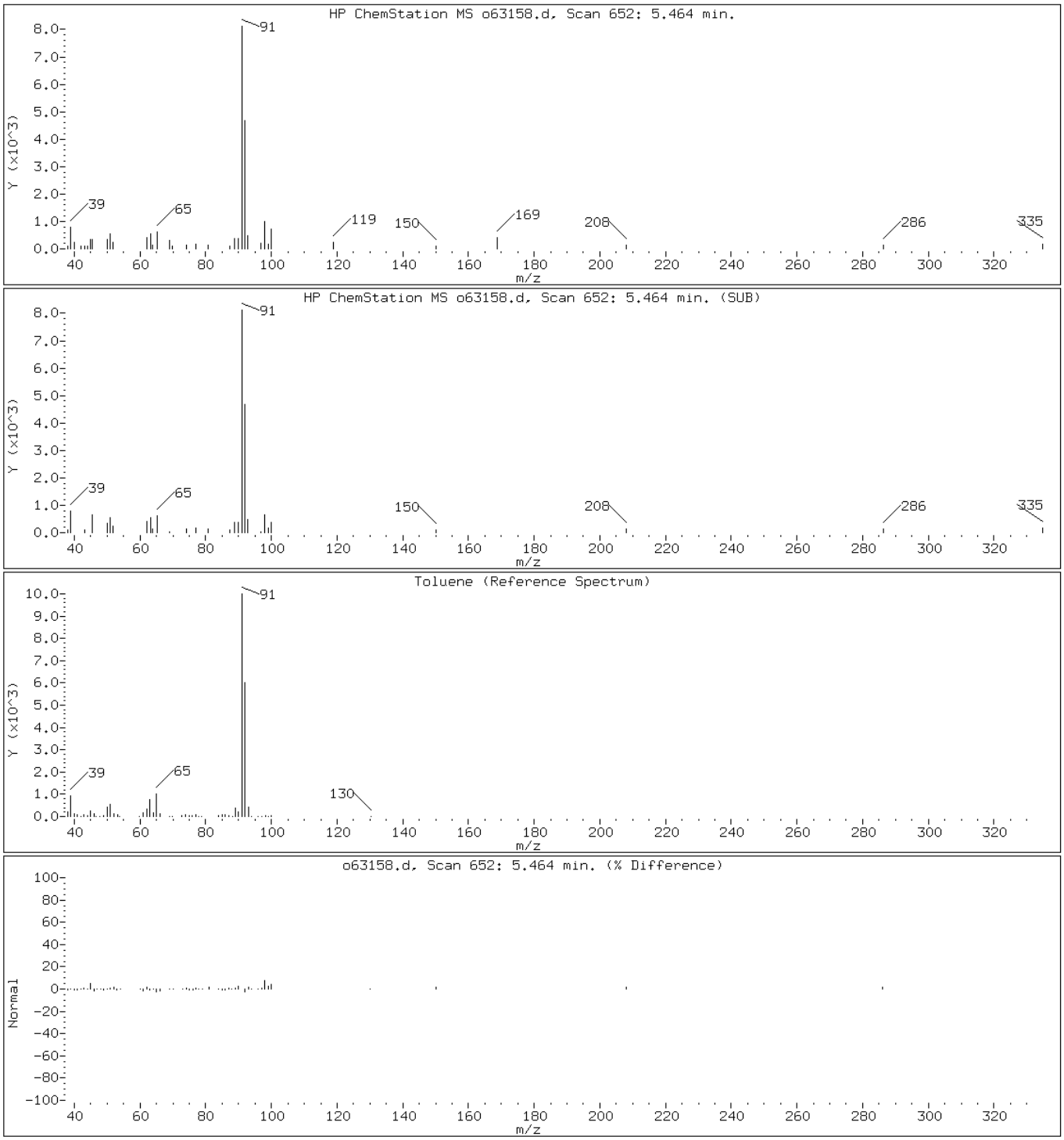
Data File: o63158.d

Date: 08-AUG-2012 01:31

Client ID: 20120731SB-393V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-9-A;;;4.36;5 Operator: VOAMS 9

38 Toluene



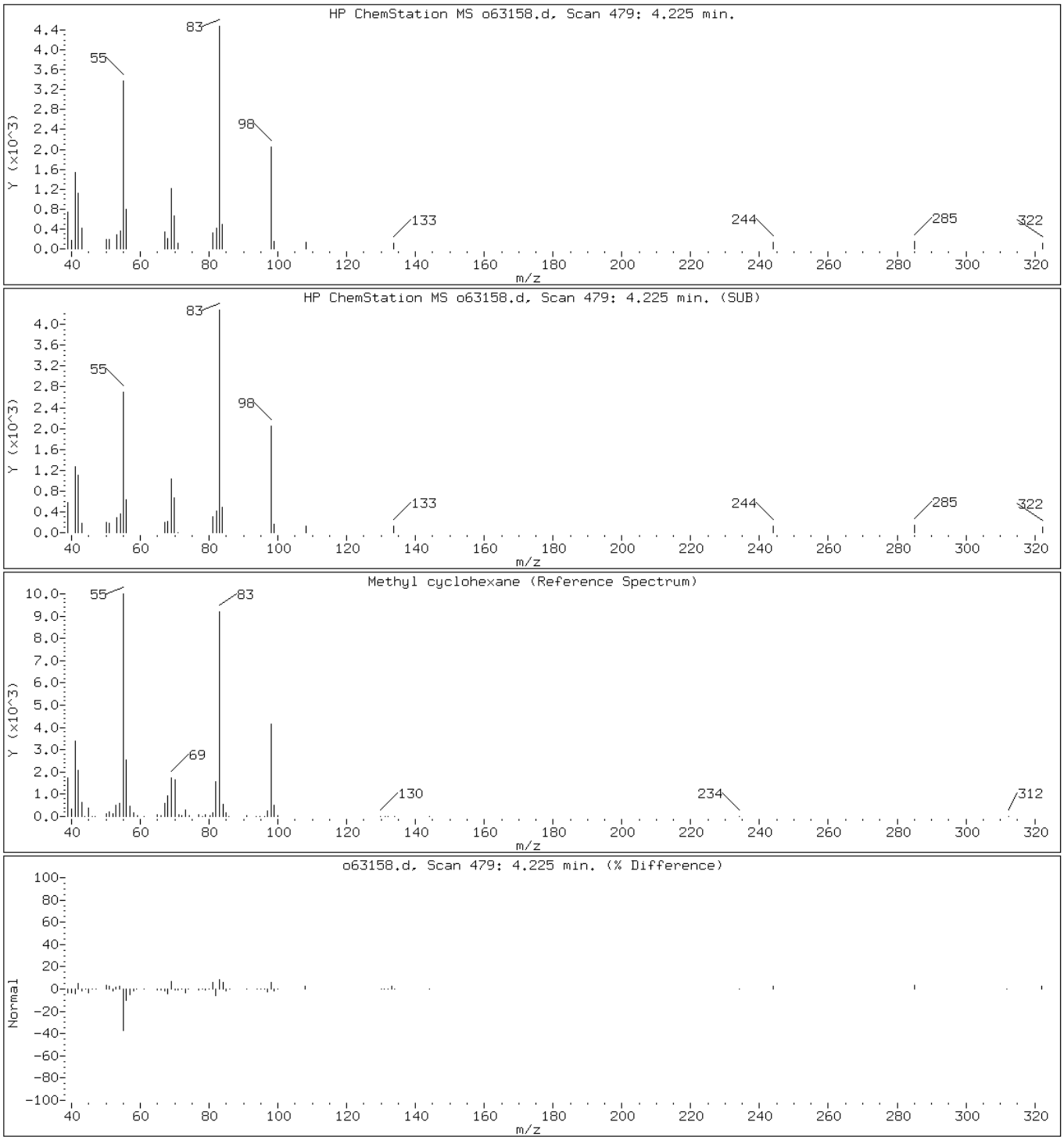
Data File: o63158.d

Date: 08-AUG-2012 01:31

Client ID: 20120731SB-393V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-9-A;;;4.36;5 Operator: VOAMS 9

126 Methyl cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V7-8N | Lab Sample ID: 460-42971-10

Matrix: Solid | Lab File ID: o63159.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:40

Sample wt/vol: 4.84(g) | Date Analyzed: 08/08/2012 01:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.53	U	1.2	0.53
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.41	U	1.2	0.41
75-09-2	Methylene Chloride	0.39	J B	1.2	0.18
67-64-1	Acetone	37		12	2.1
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.14	U	1.2	0.14
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.2	0.14
67-66-3	Chloroform	0.29	U	1.2	0.29
78-93-3	2-Butanone	0.77	U	12	0.77
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.34	U	1.2	0.34
179601-23-1	m&p-Xylene	0.72	U	2.5	0.72
95-47-6	o-Xylene	0.23	U	1.2	0.23
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.14	U	1.2	0.14
591-78-6	2-Hexanone	0.16	U	12	0.16
1634-04-4	MTBE	0.14	U	1.2	0.14
76-13-1	Freon TF	0.14	U	1.2	0.14
79-20-9	Methyl acetate	0.39	U	1.2	0.39
123-91-1	1,4-Dioxane	16	U	61	16
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.28	J	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.25	U	12	0.25
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V7-8N | Lab Sample ID: 460-42971-10

Matrix: Solid | Lab File ID: o63159.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:40

Sample wt/vol: 4.84(g) | Date Analyzed: 08/08/2012 01:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.20	U	1.2	0.20
106-46-7	1,4-Dichlorobenzene	0.14	U	1.2	0.14
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	1.2	0.54
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.14	U	1.2	0.14
75-27-4	Bromodichloromethane	0.39	U	1.2	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	105		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63159.d
Report Date: 10-Aug-2012 16:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63159.d
Lab Smp Id: 460-42971-D-10-A Client Smp ID: 20120731SB-393V7-8N
Inj Date : 08-AUG-2012 01:56
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-D-10-A;;;4.84;5
Misc Info : 460-42971-D-10-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.84000	Weight of sample extracted (g)
M	15.92262	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.654	1.654	(0.446)	24484	29.8156	37
6 Methylene Chloride	84	1.904	1.897	(0.513)	1121	0.32019	0.39(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	105208	47.7379	59
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	536386	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	33094	22.5658	28
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	430295	53.2555	65
38 Toluene	91	5.464	5.465	(0.752)	3806	0.22908	0.28(a)
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	398354	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	166931	52.3287	64
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	227714	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63159.d
Report Date: 10-Aug-2012 16:39

QC Flag Legend

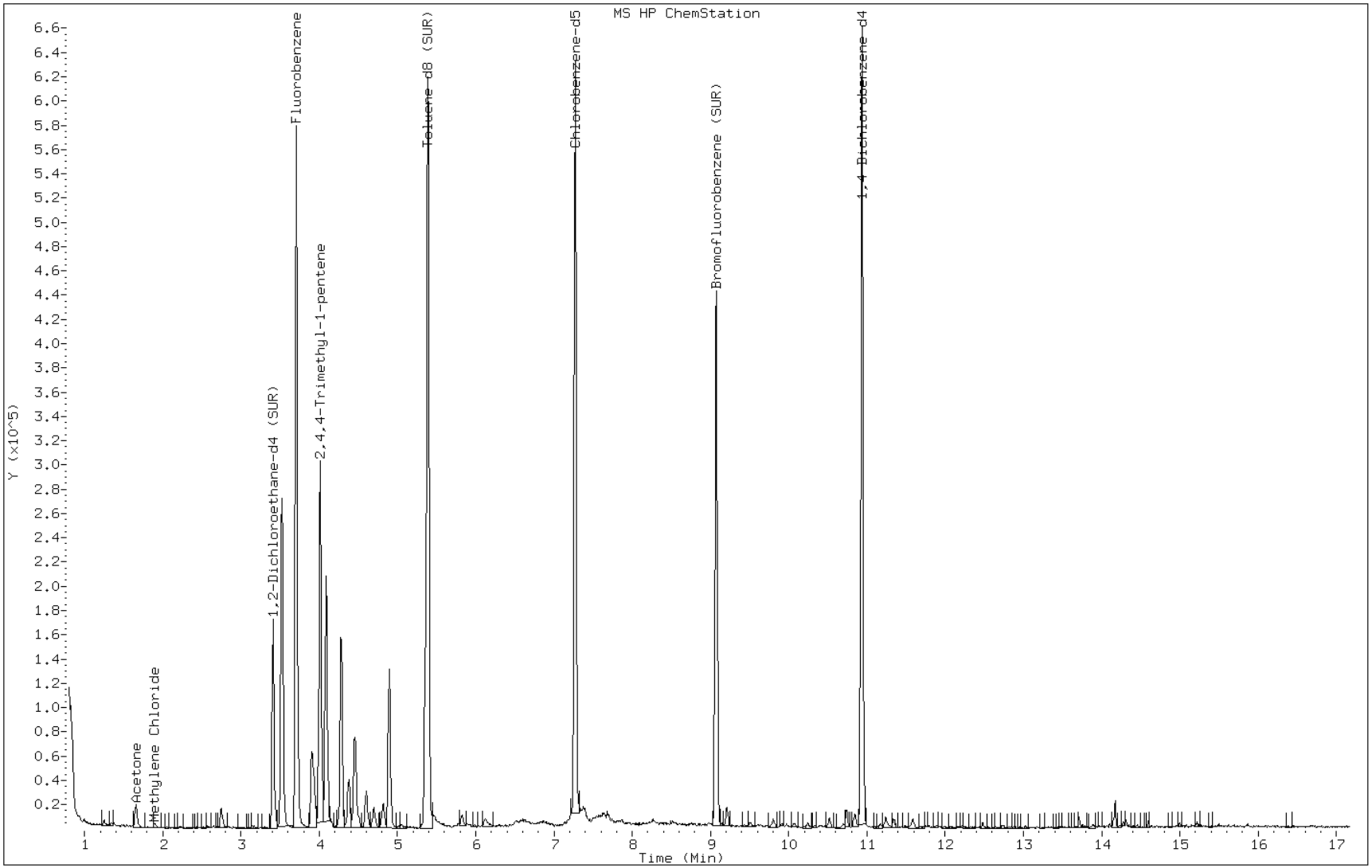
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o63159.d

Date: 08-AUG-2012 01:56

Client ID: 20120731SB-393V7-8N Instrument: VOAMS12.i

Sample Info: 460-42971-D-10-A;;;4.84;5 Operator: VOAMS 9



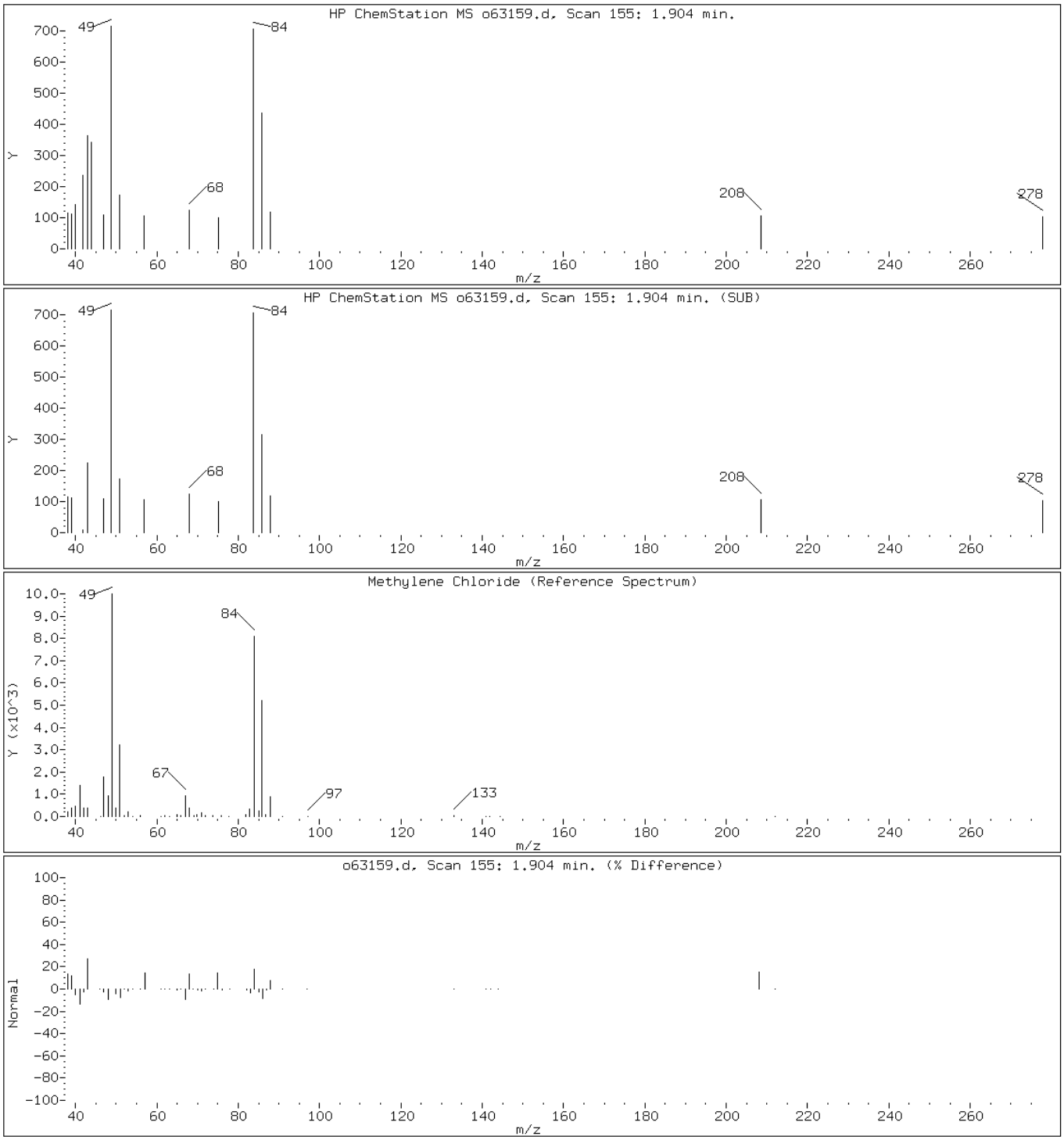
Data File: o63159.d

Date: 08-AUG-2012 01:56

Client ID: 20120731SB-393V7-8N Instrument: VOAMS12.i

Sample Info: 460-42971-D-10-A;;;4.84;5 Operator: VOAMS 9

6 Methylene Chloride



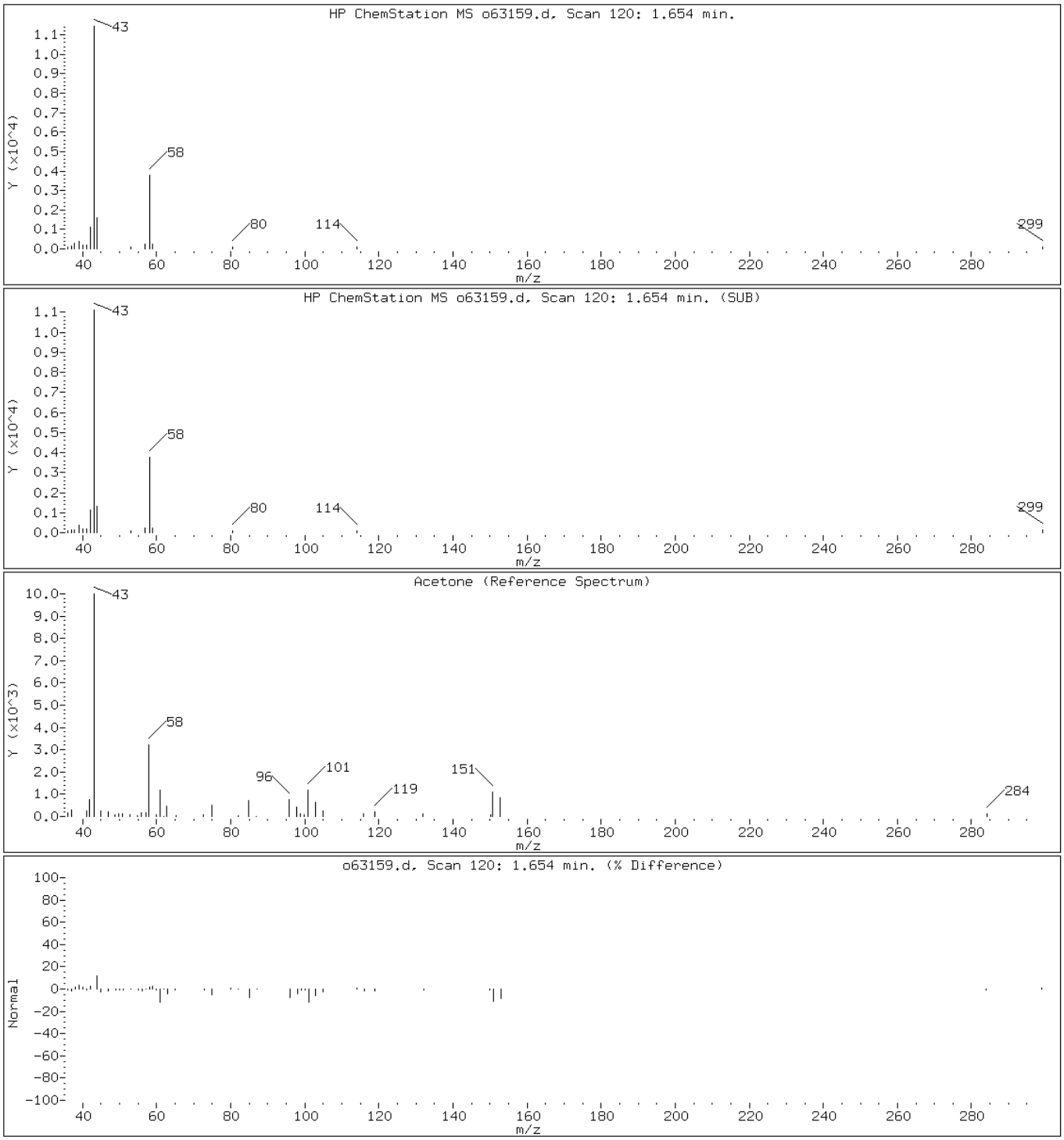
Data File: o63159.d

Date: 08-AUG-2012 01:56

Client ID: 20120731SB-393V7-8N Instrument: VOAMS12.i

Sample Info: 460-42971-D-10-A;;;4.84;5 Operator: VOAMS 9

7 Acetone



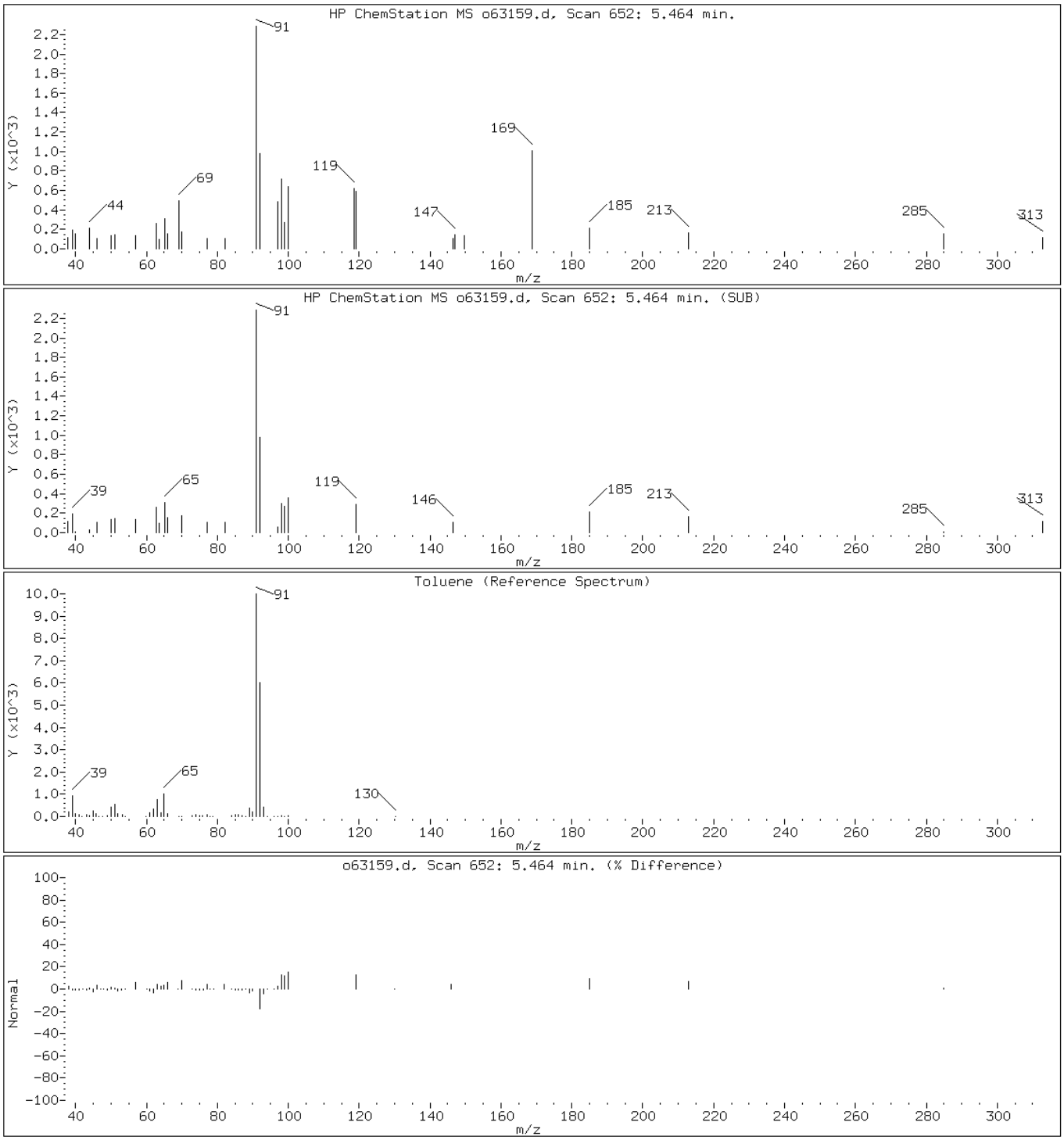
Data File: o63159.d

Date: 08-AUG-2012 01:56

Client ID: 20120731SB-393V7-8N Instrument: VOAMS12.i

Sample Info: 460-42971-D-10-A;;;4.84;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V0-2N | Lab Sample ID: 460-42971-11

Matrix: Solid | Lab File ID: o63160.d

Analysis Method: 8260B | Date Collected: 07/31/2012 11:00

Sample wt/vol: 5.01(g) | Date Analyzed: 08/08/2012 02:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.8 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.19	U	1.2	0.19
74-83-9	Bromomethane	0.51	U	1.2	0.51
75-01-4	Vinyl chloride	0.40	U	1.2	0.40
75-00-3	Chloroethane	0.39	U	1.2	0.39
75-09-2	Methylene Chloride	2.8	B	1.2	0.18
67-64-1	Acetone	2.0	U	12	2.0
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.28	U	1.2	0.28
78-93-3	2-Butanone	0.75	U	12	0.75
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.20	U	1.2	0.20
100-42-5	Styrene	0.33	U	1.2	0.33
179601-23-1	m&p-Xylene	0.70	U	2.4	0.70
95-47-6	o-Xylene	0.23	U	1.2	0.23
100-41-4	Ethylbenzene	0.20	U	1.2	0.20
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
110-82-7	Cyclohexane	0.15	U	1.2	0.15
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.15	U	12	0.15
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.38	U	1.2	0.38
123-91-1	1,4-Dioxane	15	U	59	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.27	J	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.24	U	12	0.24
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V0-2N | Lab Sample ID: 460-42971-11

Matrix: Solid | Lab File ID: o63160.d

Analysis Method: 8260B | Date Collected: 07/31/2012 11:00

Sample wt/vol: 5.01(g) | Date Analyzed: 08/08/2012 02:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.8 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.19	U	1.2	0.19
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
96-12-8	1,2-Dibromo-3-Chloropropane	0.52	U	1.2	0.52
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.26	U	1.2	0.26
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.38	U	1.2	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63160.d
Report Date: 08-Aug-2012 09:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63160.d
Lab Smp Id: 460-42971-D-11-A Client Smp ID: 20120731SB-392V0-2N
Inj Date : 08-AUG-2012 02:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-D-11-A;;;5.01;5
Misc Info : 460-42971-D-11-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.01000	Weight of sample extracted (g)
M	15.79961	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.512)	8142	2.35120	2.8
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	101679	46.6452	55
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	530537	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	407710	49.8752	59
38 Toluene	91	5.465	5.465	(0.752)	3792	0.22559	0.27(a)
* 32 Chlorobenzene-d5	117	7.270	7.270	(1.000)	403027	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	167516	50.5102	60
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	236739	50.0000	

QC Flag Legend

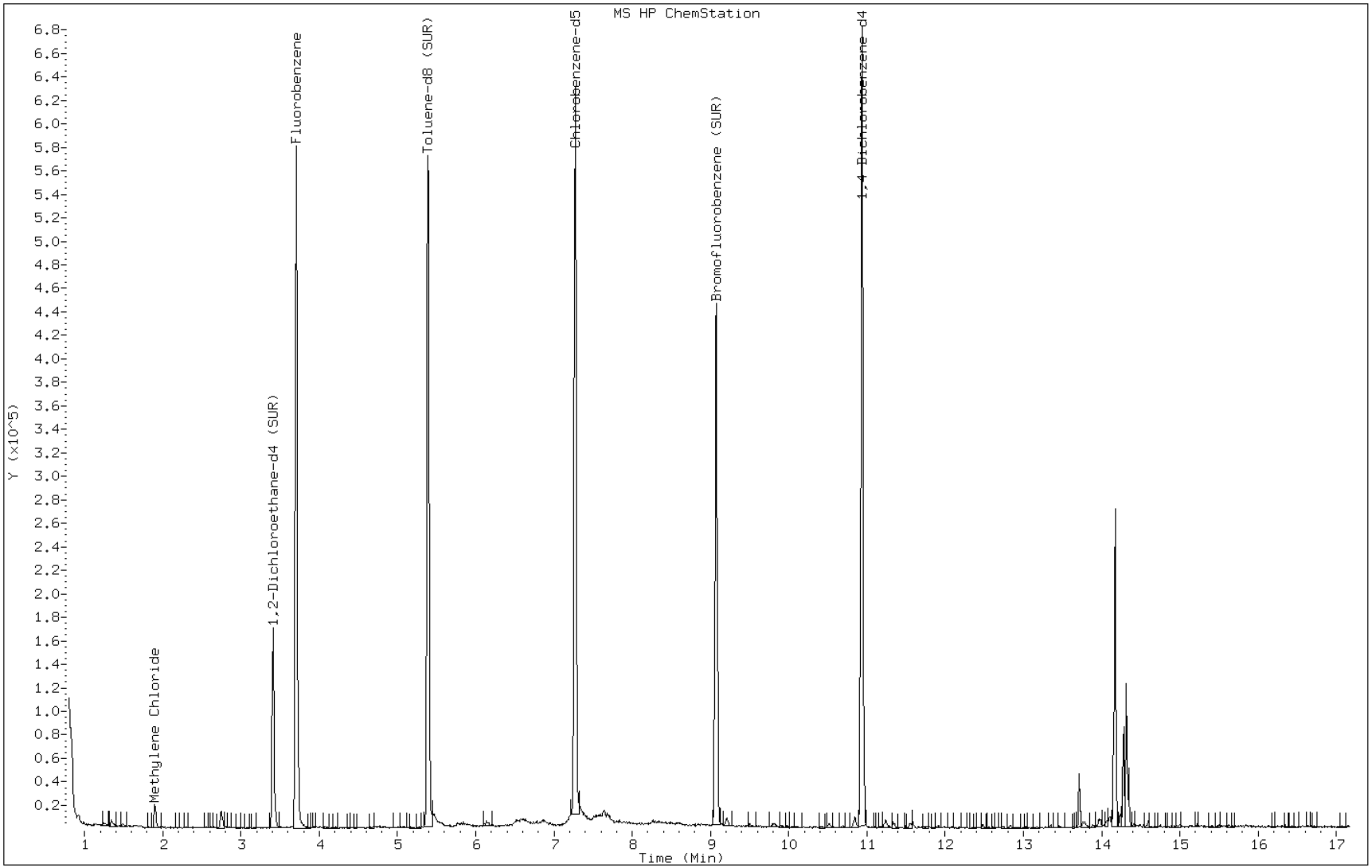
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o63160.d

Date: 08-AUG-2012 02:21

Client ID: 20120731SB-392V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-11-A;;;5.01;5 Operator: VOAMS 9



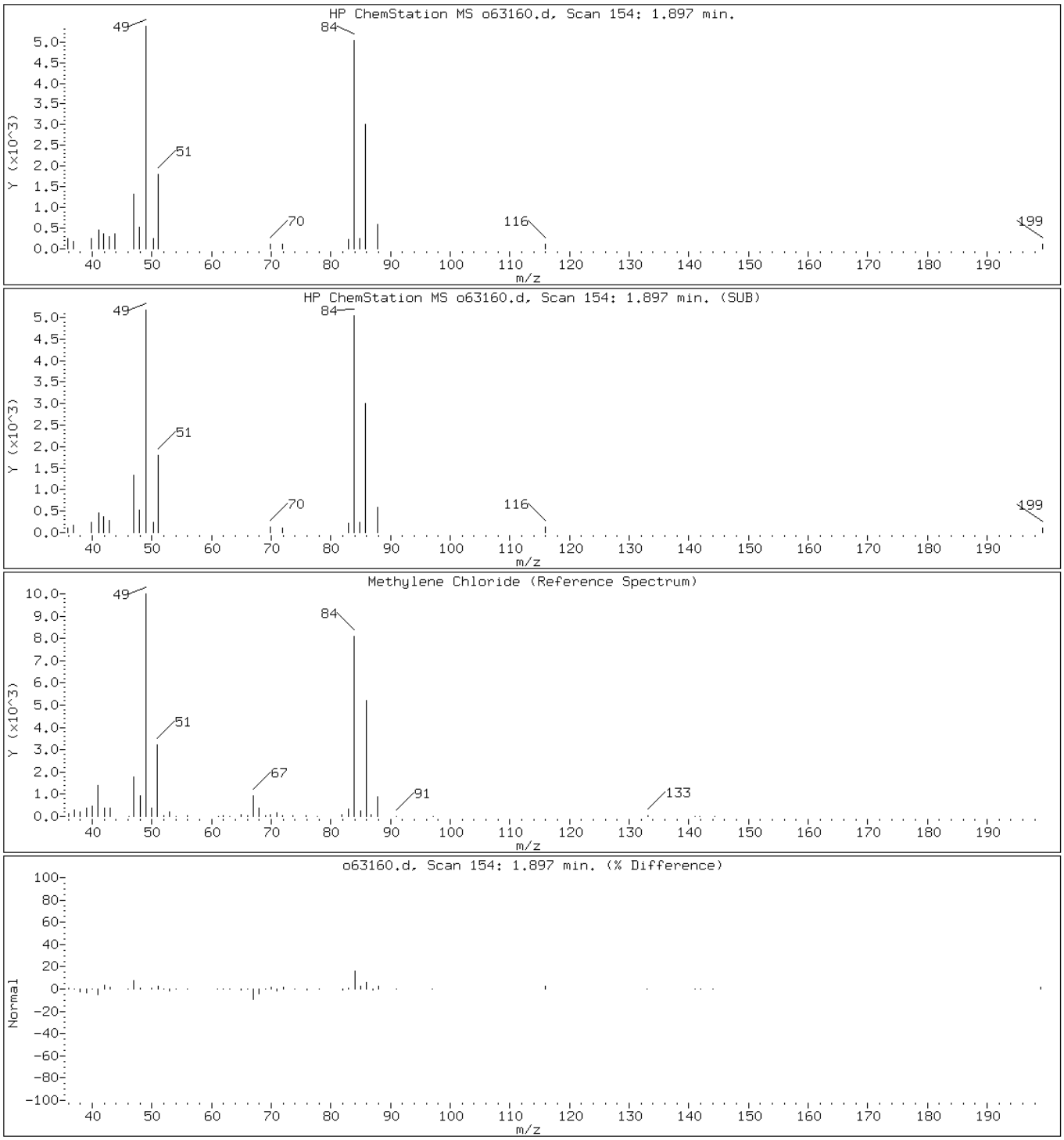
Data File: o63160.d

Date: 08-AUG-2012 02:21

Client ID: 20120731SB-392V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-11-A;;;5.01;5 Operator: VOAMS 9

6 Methylene Chloride



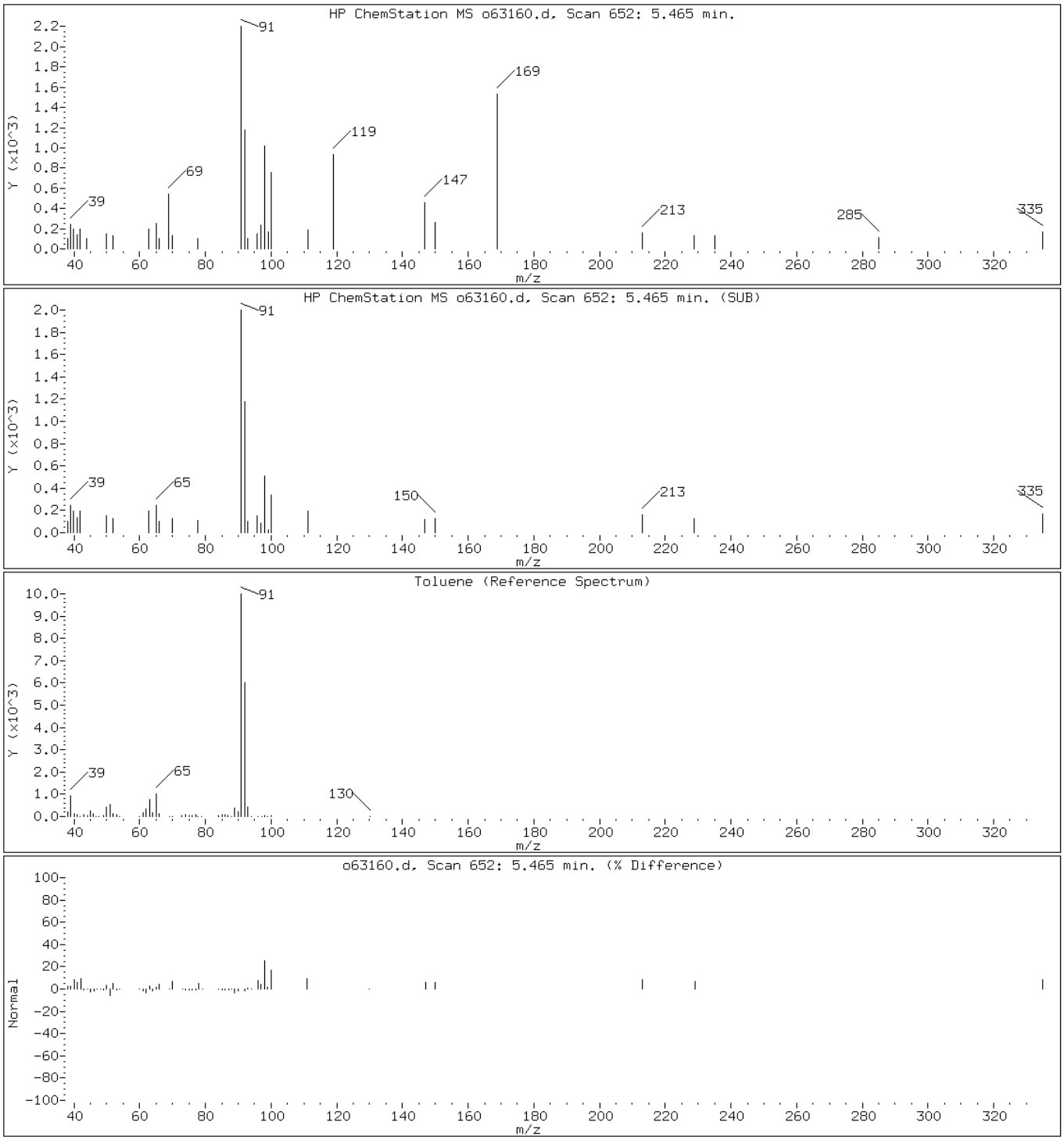
Data File: o63160.d

Date: 08-AUG-2012 02:21

Client ID: 20120731SB-392V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-11-A;;;5.01;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V7-8N | Lab Sample ID: 460-42971-12

Matrix: Solid | Lab File ID: o63161.d

Analysis Method: 8260B | Date Collected: 07/31/2012 11:05

Sample wt/vol: 4.66(g) | Date Analyzed: 08/08/2012 02:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 30.2 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.25	U	1.5	0.25
74-83-9	Bromomethane	0.66	U	1.5	0.66
75-01-4	Vinyl chloride	0.52	U	1.5	0.52
75-00-3	Chloroethane	0.51	U	1.5	0.51
75-09-2	Methylene Chloride	2.3	B	1.5	0.23
67-64-1	Acetone	2.6	U	15	2.6
75-15-0	Carbon disulfide	0.23	U	1.5	0.23
75-69-4	Trichlorofluoromethane	0.25	U	1.5	0.25
75-35-4	1,1-Dichloroethene	0.29	U	1.5	0.29
75-34-3	1,1-Dichloroethane	0.17	U	1.5	0.17
156-60-5	trans-1,2-Dichloroethene	0.20	U	1.5	0.20
156-59-2	cis-1,2-Dichloroethene	0.17	U	1.5	0.17
67-66-3	Chloroform	0.37	U	1.5	0.37
78-93-3	2-Butanone	0.97	U	15	0.97
107-06-2	1,2-Dichloroethane	0.28	U	1.5	0.28
71-55-6	1,1,1-Trichloroethane	0.20	U	1.5	0.20
56-23-5	Carbon tetrachloride	0.23	U	1.5	0.23
71-43-2	Benzene	0.23	U	1.5	0.23
75-25-2	Bromoform	0.26	U	1.5	0.26
100-42-5	Styrene	0.43	U	1.5	0.43
179601-23-1	m&p-Xylene	0.91	U	3.1	0.91
95-47-6	o-Xylene	0.29	U	1.5	0.29
100-41-4	Ethylbenzene	0.26	U	1.5	0.26
108-90-7	Chlorobenzene	0.28	U	1.5	0.28
110-82-7	Cyclohexane	0.20	U	1.5	0.20
98-82-8	Isopropylbenzene	0.17	U	1.5	0.17
591-78-6	2-Hexanone	0.20	U	15	0.20
1634-04-4	MTBE	0.17	U	1.5	0.17
76-13-1	Freon TF	0.17	U	1.5	0.17
79-20-9	Methyl acetate	0.49	U	1.5	0.49
123-91-1	1,4-Dioxane	20	U	77	20
79-01-6	Trichloroethene	0.18	U	1.5	0.18
108-88-3	Toluene	0.22	U	1.5	0.22
10061-02-6	trans-1,3-Dichloropropene	0.15	U	1.5	0.15
108-10-1	4-Methyl-2-pentanone	0.31	U	15	0.31
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.5	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V7-8N | Lab Sample ID: 460-42971-12

Matrix: Solid | Lab File ID: o63161.d

Analysis Method: 8260B | Date Collected: 07/31/2012 11:05

Sample wt/vol: 4.66(g) | Date Analyzed: 08/08/2012 02:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 30.2 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.15	U	1.5	0.15
541-73-1	1,3-Dichlorobenzene	0.25	U	1.5	0.25
106-46-7	1,4-Dichlorobenzene	0.17	U	1.5	0.17
120-82-1	1,2,4-Trichlorobenzene	0.29	U	1.5	0.29
87-61-6	1,2,3-Trichlorobenzene	0.25	U	1.5	0.25
78-87-5	1,2-Dichloropropane	0.23	U	1.5	0.23
108-87-2	Methylcyclohexane	0.15	U	1.5	0.15
127-18-4	Tetrachloroethene	0.18	U	1.5	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.68	U	1.5	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	1.5	0.14
79-00-5	1,1,2-Trichloroethane	0.22	U	1.5	0.22
124-48-1	Dibromochloromethane	0.15	U	1.5	0.15
106-93-4	1,2-Dibromoethane	0.23	U	1.5	0.23
75-71-8	Dichlorodifluoromethane	0.34	U	1.5	0.34
74-97-5	Bromochloromethane	0.17	U	1.5	0.17
75-27-4	Bromodichloromethane	0.49	U	1.5	0.49

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	102		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63161.d
Report Date: 10-Aug-2012 16:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63161.d
Lab Smp Id: 460-42971-D-12-A Client Smp ID: 20120731SB-392V7-8N
Inj Date : 08-AUG-2012 02:45
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-D-12-A;;;4.66;5
Misc Info : 460-42971-D-12-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.66000	Weight of sample extracted (g)
M	30.18109	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

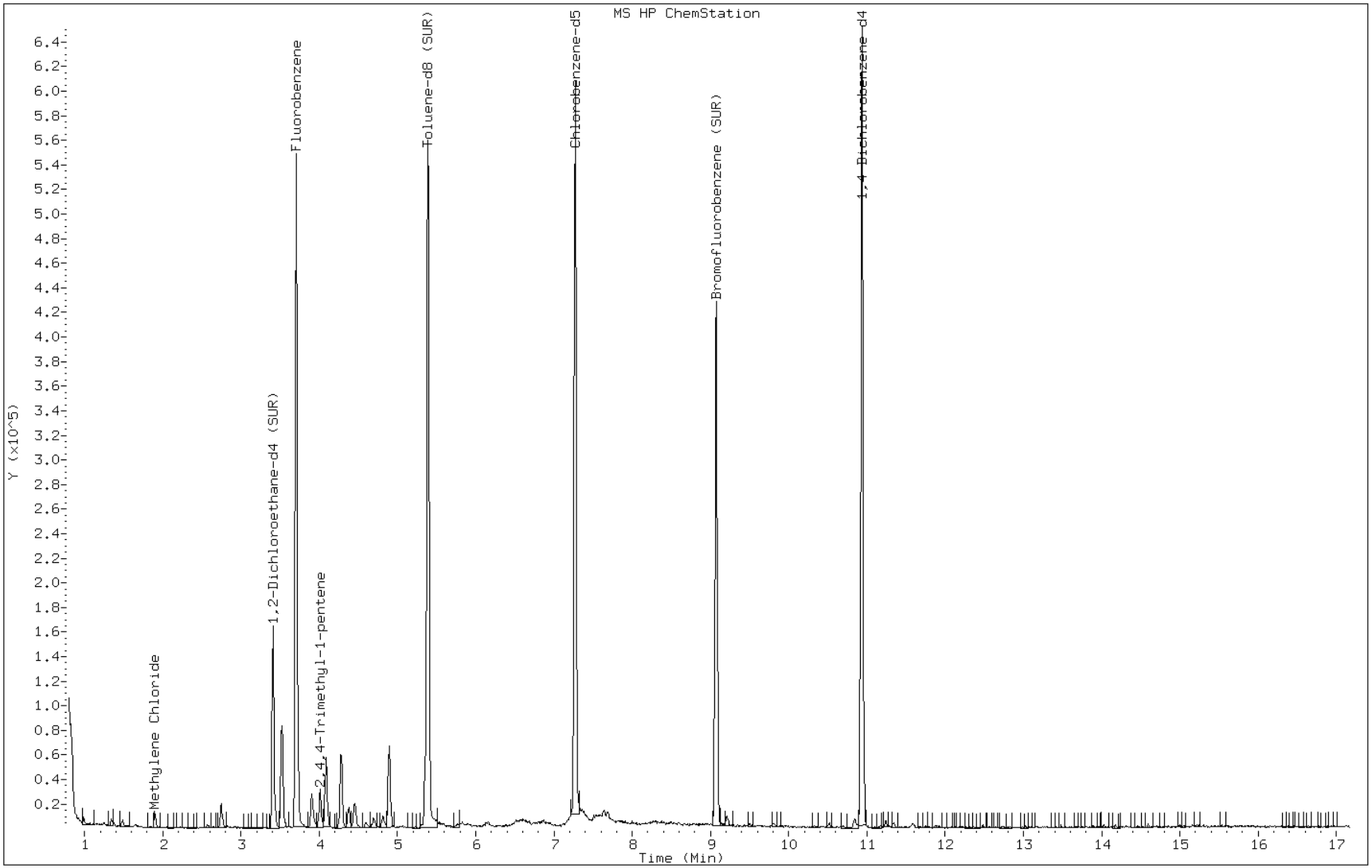
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	4939	1.52248	2.3
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	98684	48.3256	74
* 69 Fluorobenzene	96	3.710	3.702	(1.000)	497005	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	3796	2.79348	4.3
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	396154	50.6326	78
* 32 Chlorobenzene-d5	117	7.270	7.270	(1.000)	385746	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	160160	50.8952	78
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	224631	50.0000	

Data File: o63161.d

Date: 08-AUG-2012 02:45

Client ID: 20120731SB-392V7-8N Instrument: VOAMS12.i

Sample Info: 460-42971-D-12-A;;;4.66;5 Operator: VOAMS 9



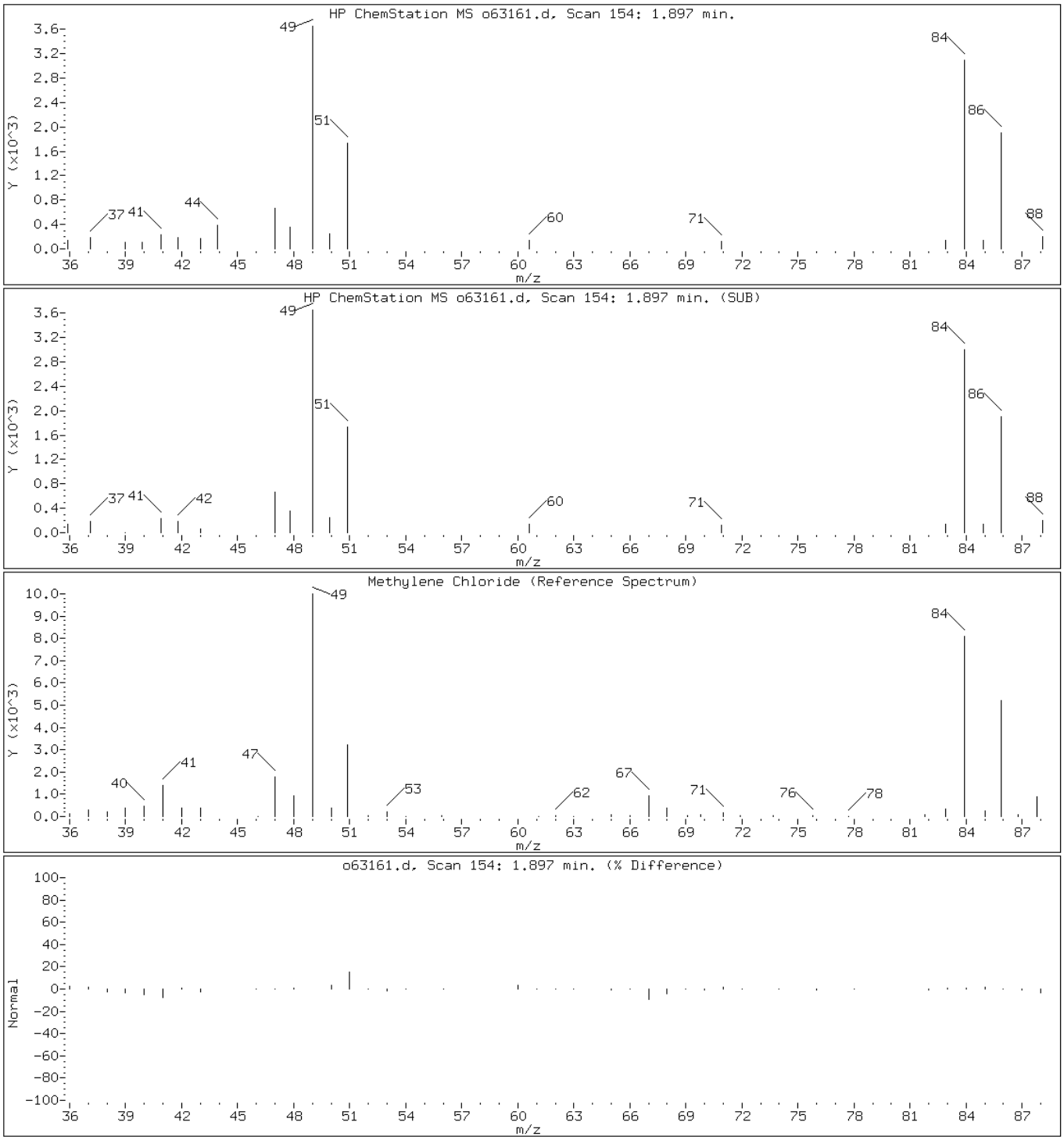
Data File: o63161.d

Date: 08-AUG-2012 02:45

Client ID: 20120731SB-392V7-8N Instrument: VOAMS12.i

Sample Info: 460-42971-D-12-A;;;4.66;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V0-2N | Lab Sample ID: 460-42971-13

Matrix: Solid | Lab File ID: o63162.d

Analysis Method: 8260B | Date Collected: 07/31/2012 12:30

Sample wt/vol: 4.24(g) | Date Analyzed: 08/08/2012 03:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.0 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.21	U	1.3	0.21
74-83-9	Bromomethane	0.58	U	1.3	0.58
75-01-4	Vinyl chloride	0.46	U	1.3	0.46
75-00-3	Chloroethane	0.44	U	1.3	0.44
75-09-2	Methylene Chloride	0.49	J B	1.3	0.20
67-64-1	Acetone	2.3	U	13	2.3
75-15-0	Carbon disulfide	0.20	U	1.3	0.20
75-69-4	Trichlorofluoromethane	0.21	U	1.3	0.21
75-35-4	1,1-Dichloroethene	0.25	U	1.3	0.25
75-34-3	1,1-Dichloroethane	0.15	U	1.3	0.15
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
156-59-2	cis-1,2-Dichloroethene	0.15	U	1.3	0.15
67-66-3	Chloroform	0.32	U	1.3	0.32
78-93-3	2-Butanone	0.84	U	13	0.84
107-06-2	1,2-Dichloroethane	0.24	U	1.3	0.24
71-55-6	1,1,1-Trichloroethane	0.17	U	1.3	0.17
56-23-5	Carbon tetrachloride	0.20	U	1.3	0.20
71-43-2	Benzene	0.34	J	1.3	0.20
75-25-2	Bromoform	0.23	U	1.3	0.23
100-42-5	Styrene	0.38	U	1.3	0.38
179601-23-1	m&p-Xylene	0.79	U	2.7	0.79
95-47-6	o-Xylene	0.28	J	1.3	0.25
100-41-4	Ethylbenzene	0.23	U	1.3	0.23
108-90-7	Chlorobenzene	0.24	U	1.3	0.24
110-82-7	Cyclohexane	1.4		1.3	0.17
98-82-8	Isopropylbenzene	0.15	U	1.3	0.15
591-78-6	2-Hexanone	0.17	U	13	0.17
1634-04-4	MTBE	0.15	U	1.3	0.15
76-13-1	Freon TF	0.15	U	1.3	0.15
79-20-9	Methyl acetate	0.43	U	1.3	0.43
123-91-1	1,4-Dioxane	17	U	67	17
79-01-6	Trichloroethene	0.16	U	1.3	0.16
108-88-3	Toluene	0.45	J	1.3	0.19
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
108-10-1	4-Methyl-2-pentanone	0.27	U	13	0.27
10061-01-5	cis-1,3-Dichloropropene	0.19	U	1.3	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V0-2N | Lab Sample ID: 460-42971-13

Matrix: Solid | Lab File ID: o63162.d

Analysis Method: 8260B | Date Collected: 07/31/2012 12:30

Sample wt/vol: 4.24(g) | Date Analyzed: 08/08/2012 03:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.0 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13
541-73-1	1,3-Dichlorobenzene	0.21	U	1.3	0.21
106-46-7	1,4-Dichlorobenzene	0.15	U	1.3	0.15
120-82-1	1,2,4-Trichlorobenzene	0.25	U	1.3	0.25
87-61-6	1,2,3-Trichlorobenzene	0.21	U	1.3	0.21
78-87-5	1,2-Dichloropropane	0.20	U	1.3	0.20
108-87-2	Methylcyclohexane	2.4		1.3	0.13
127-18-4	Tetrachloroethene	1.6		1.3	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	0.59	U	1.3	0.59
79-34-5	1,1,2,2-Tetrachloroethane	0.12	U	1.3	0.12
79-00-5	1,1,2-Trichloroethane	0.19	U	1.3	0.19
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.20	U	1.3	0.20
75-71-8	Dichlorodifluoromethane	0.29	U	1.3	0.29
74-97-5	Bromochloromethane	0.15	U	1.3	0.15
75-27-4	Bromodichloromethane	0.43	U	1.3	0.43

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63162.d
Report Date: 08-Aug-2012 09:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63162.d
Lab Smp Id: 460-42971-D-13-A Client Smp ID: 20120731SB-387V0-2N
Inj Date : 08-AUG-2012 03:10
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-D-13-A;;;4.24;5
Misc Info : 460-42971-D-13-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.24000	Weight of sample extracted (g)
M	11.97605	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
6 Methylene Chloride	84	1.890	1.897	(0.510)	1232	0.36322	0.49(a)
59 Cyclohexane	56	3.165	3.165	(0.853)	7499	1.02792	1.4
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	97319	45.5801	61
28 Benzene	78	3.452	3.445	(0.930)	3722	0.25294	0.34(a)
* 69 Fluorobenzene	96	3.710	3.702	(1.000)	519654	50.0000	
126 Methyl cyclohexane	83	4.218	4.225	(1.137)	12488	1.76090	2.4
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	391004	49.9566	67
38 Toluene	91	5.465	5.465	(0.752)	5458	0.33913	0.45(a)
35 Tetrachloroethene	166	6.123	6.131	(0.842)	5189	1.17074	1.6
* 32 Chlorobenzene-d5	117	7.270	7.270	(1.000)	385883	50.0000	
44 o-Xylene	106	8.272	8.272	(1.138)	1431	0.21012	0.28(aH)
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	149530	51.5284	69
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	207145	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63162.d
Report Date: 08-Aug-2012 09:49

QC Flag Legend

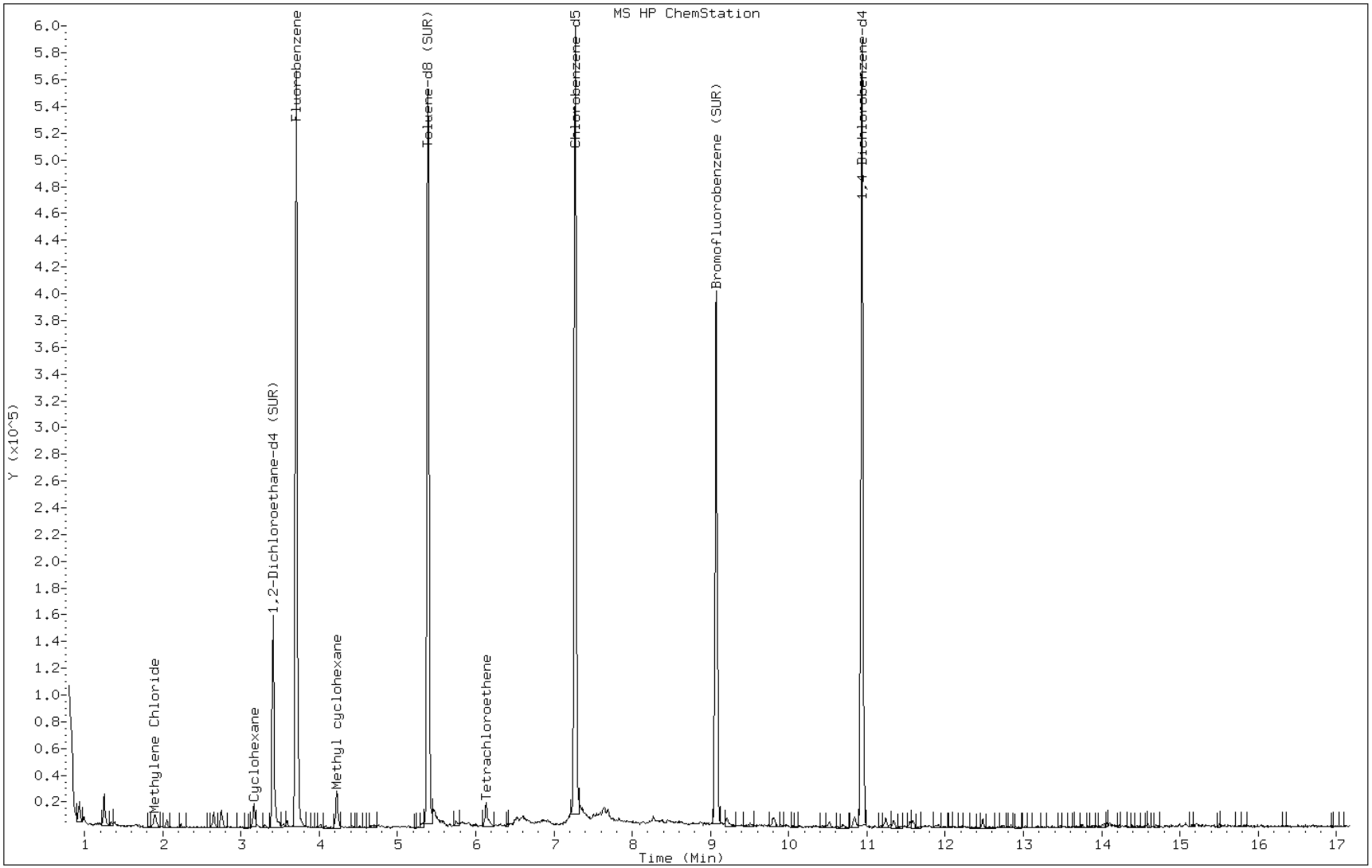
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o63162.d

Date: 08-AUG-2012 03:10

Client ID: 20120731SB-387V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-13-A;;;4.24;5 Operator: VOAMS 9



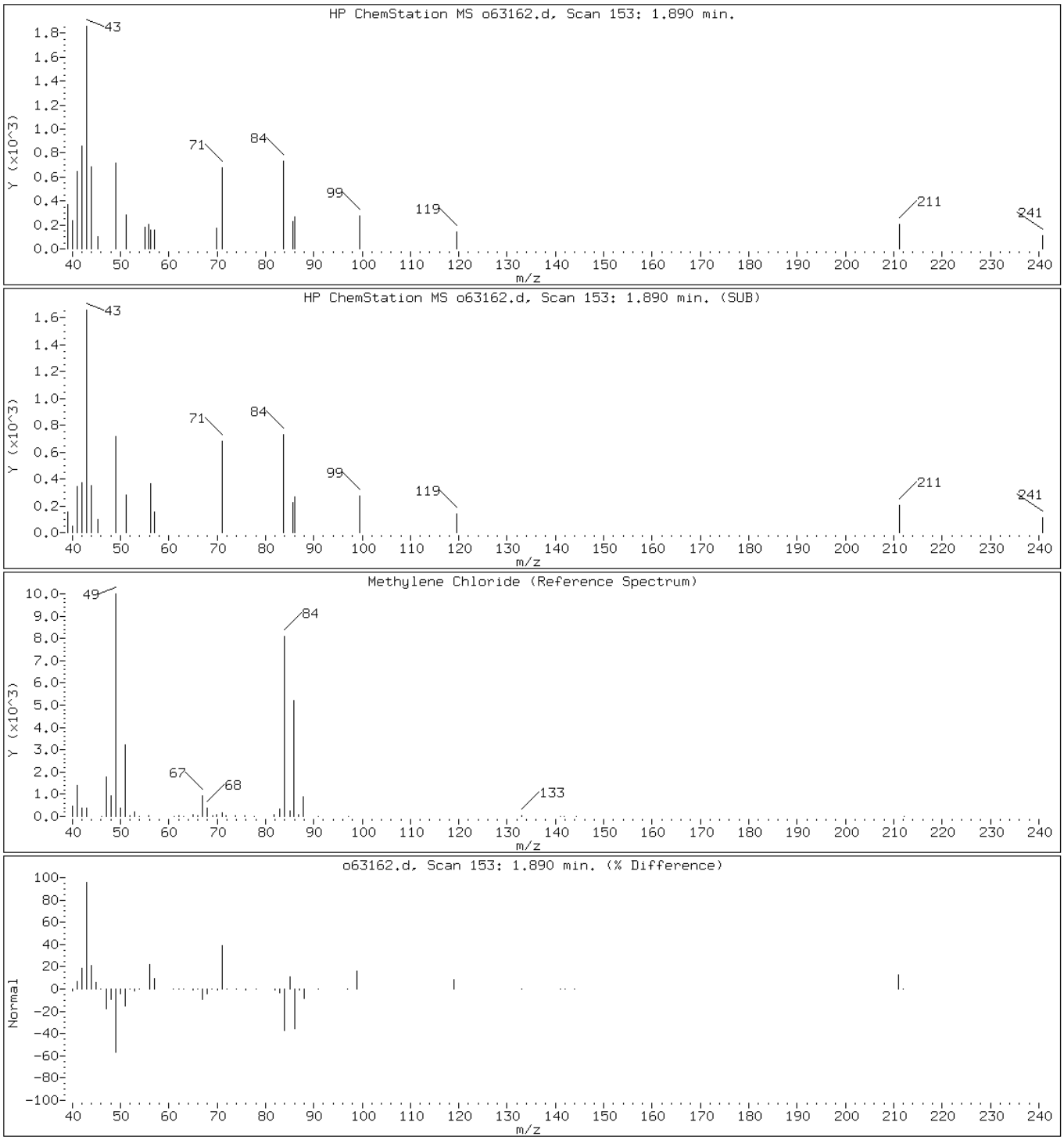
Data File: o63162.d

Date: 08-AUG-2012 03:10

Client ID: 20120731SB-387V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-13-A;;;4.24;5 Operator: VOAMS 9

6 Methylene Chloride



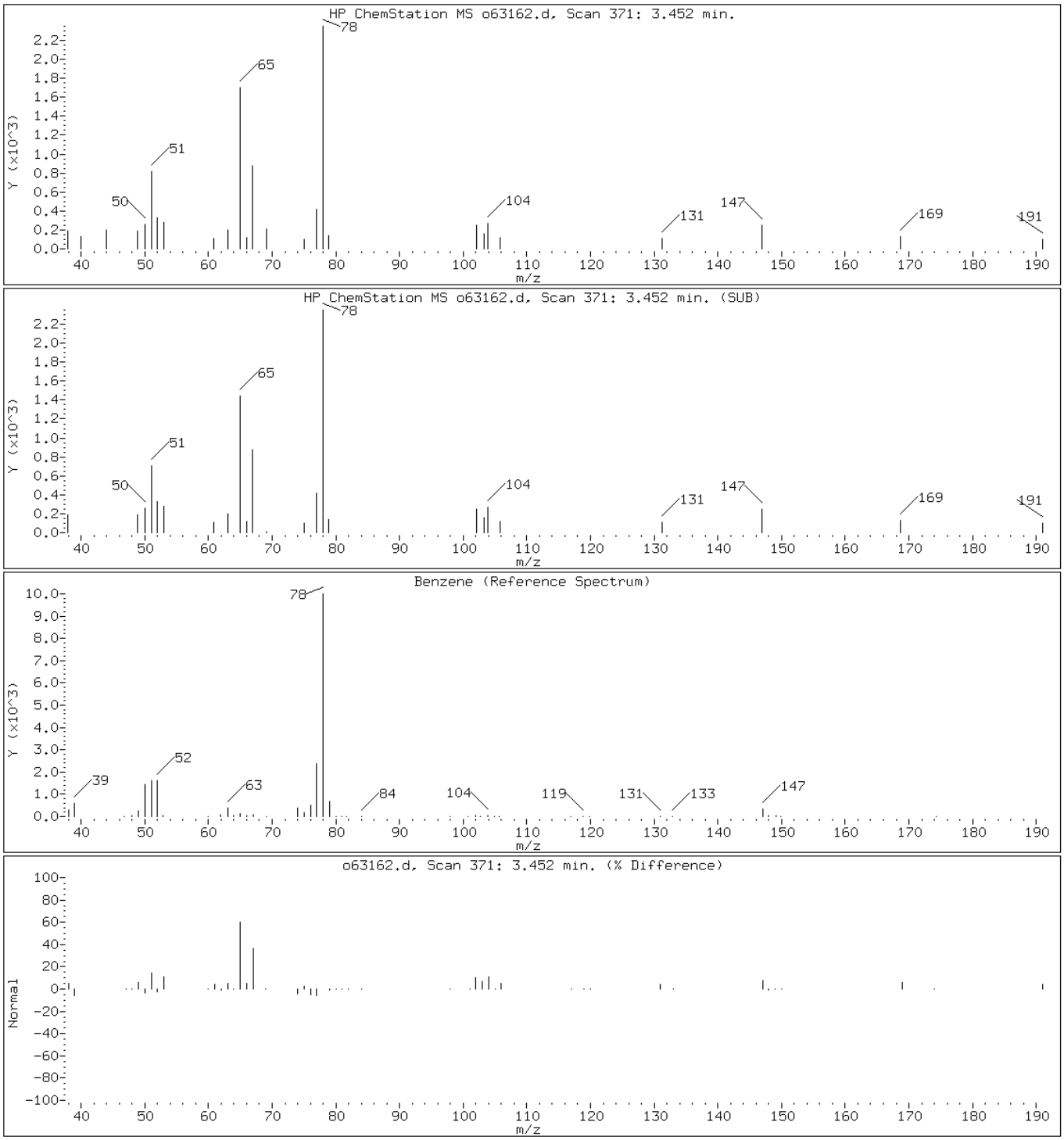
Data File: o63162.d

Date: 08-AUG-2012 03:10

Client ID: 20120731SB-387V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-13-A;;;4.24;5 Operator: VOAMS 9

28 Benzene



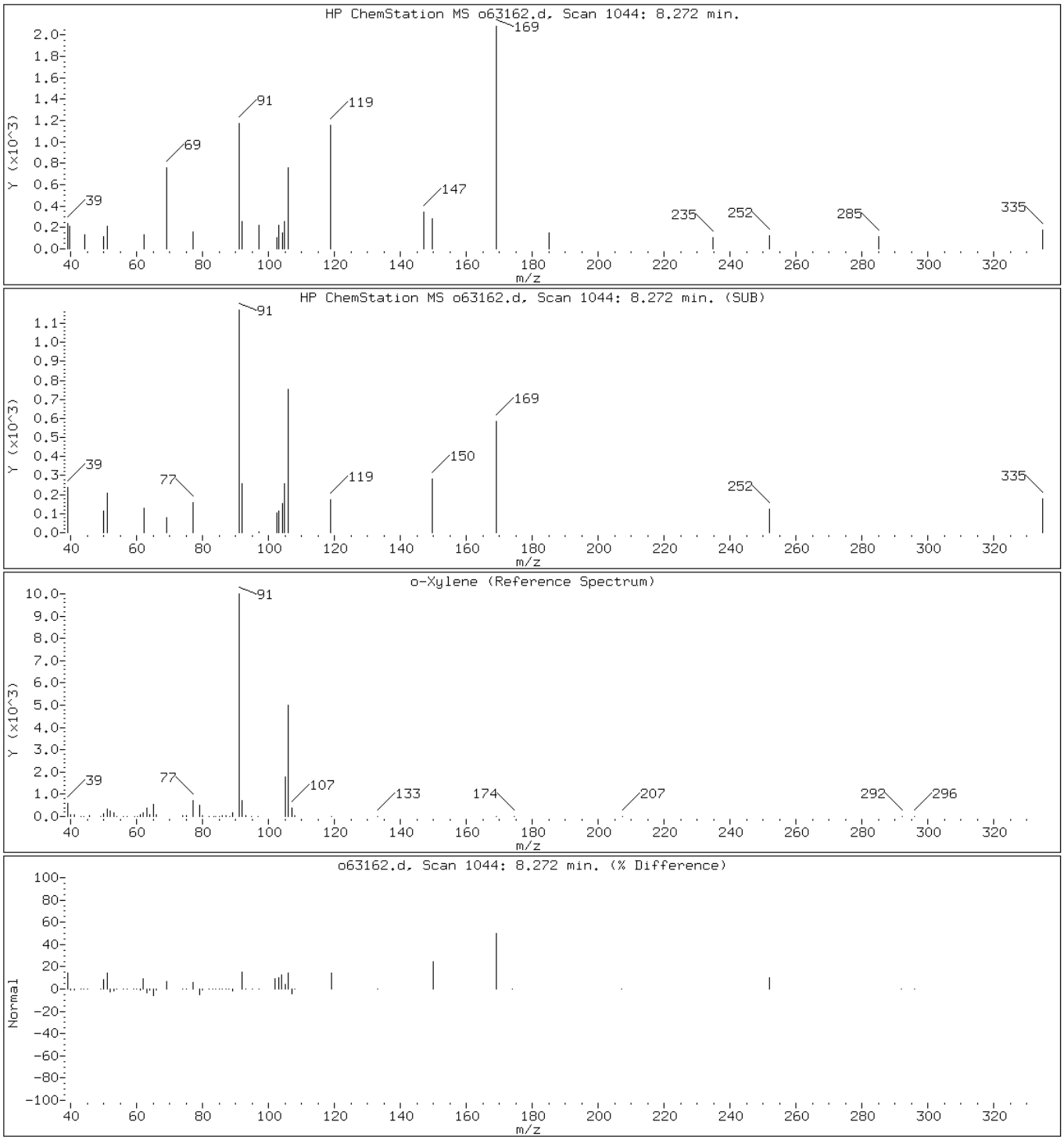
Data File: o63162.d

Date: 08-AUG-2012 03:10

Client ID: 20120731SB-387V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-13-A;;;4.24;5 Operator: VOAMS 9

44 o-Xylene



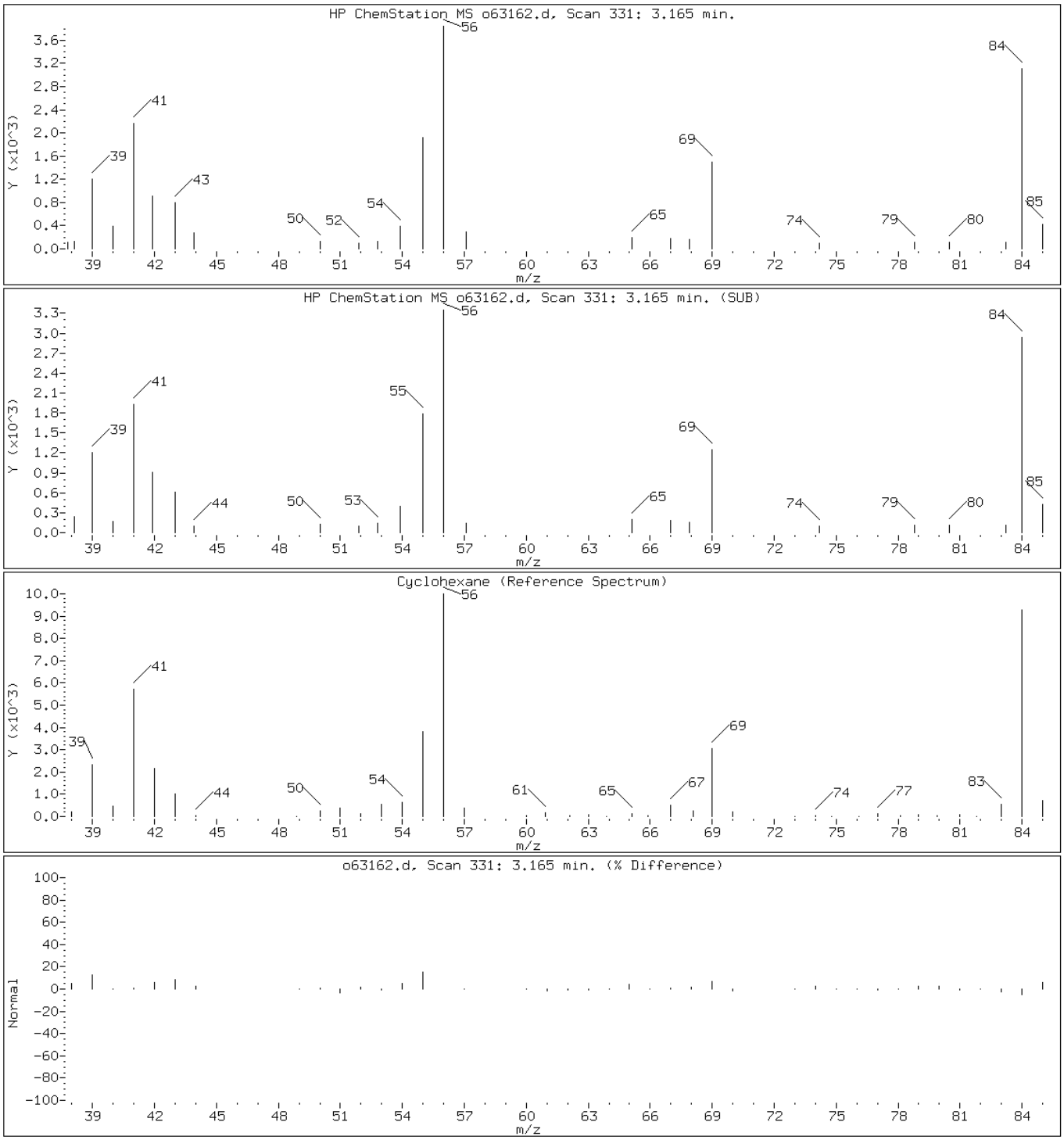
Data File: o63162.d

Date: 08-AUG-2012 03:10

Client ID: 20120731SB-387V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-13-A;;;4.24;5 Operator: VOAMS 9

59 Cyclohexane



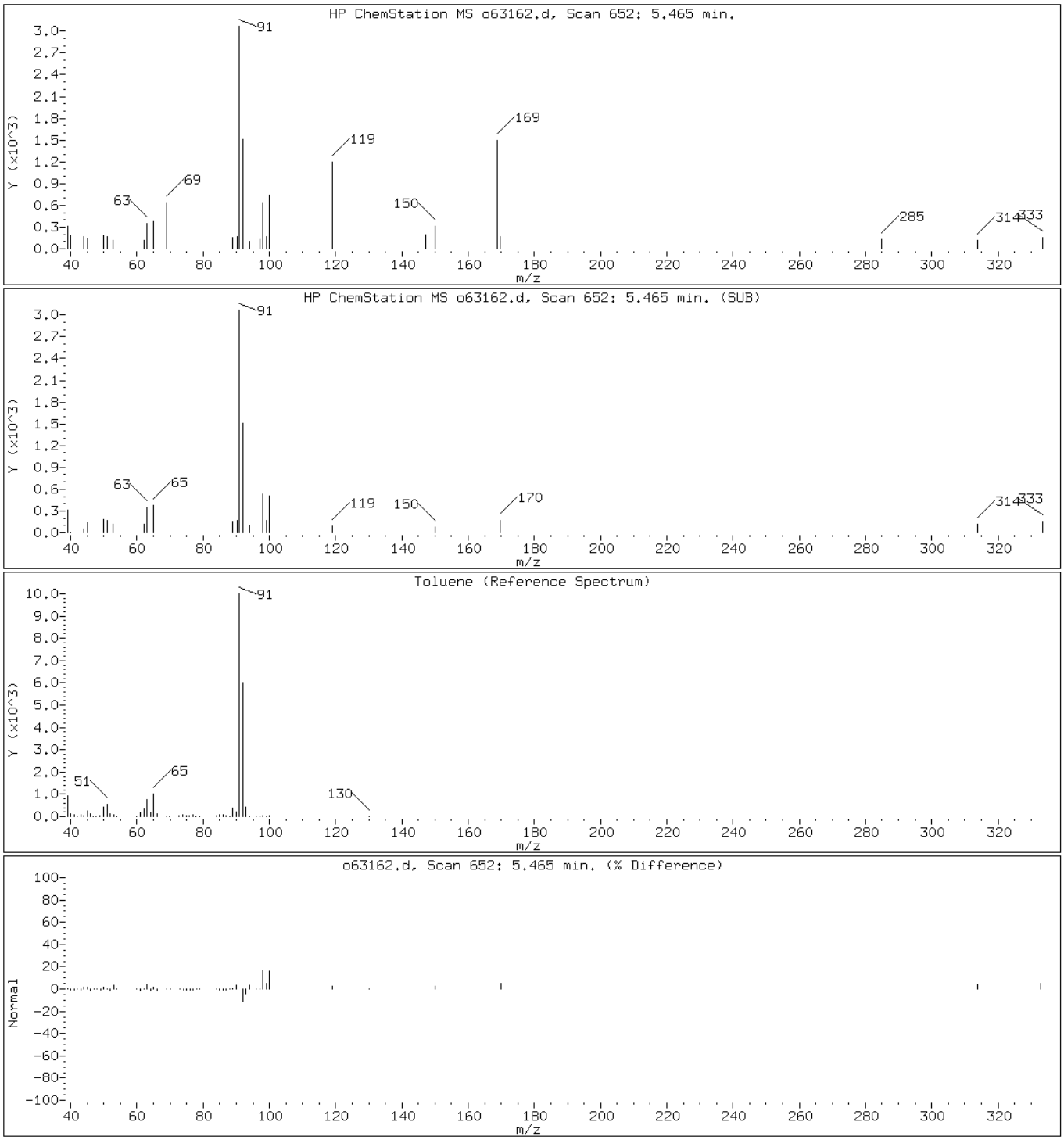
Data File: o63162.d

Date: 08-AUG-2012 03:10

Client ID: 20120731SB-387V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-13-A;;;4.24;5 Operator: VOAMS 9

38 Toluene



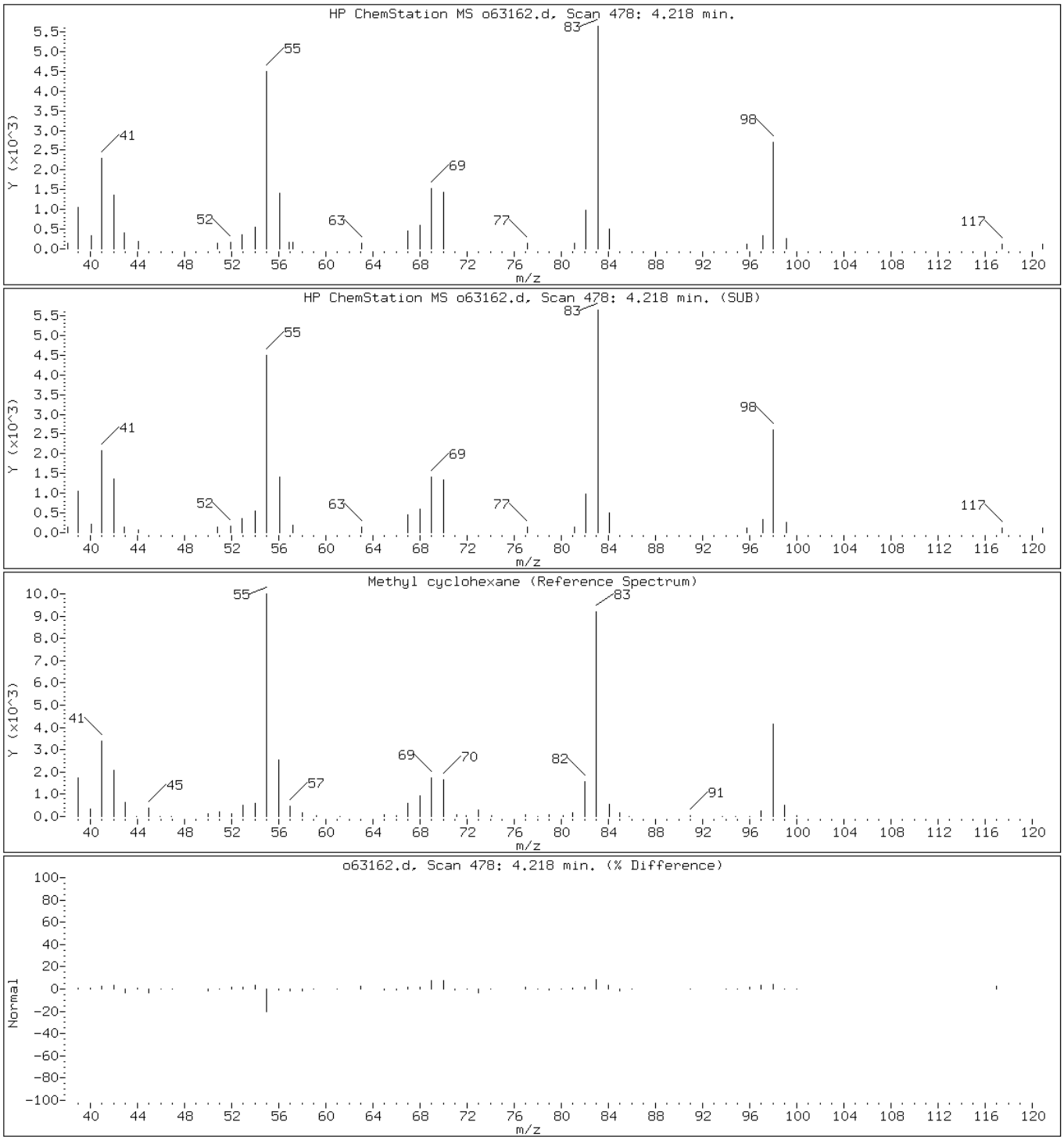
Data File: o63162.d

Date: 08-AUG-2012 03:10

Client ID: 20120731SB-387V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-13-A;;;4.24;5 Operator: VOAMS 9

126 Methyl cyclohexane



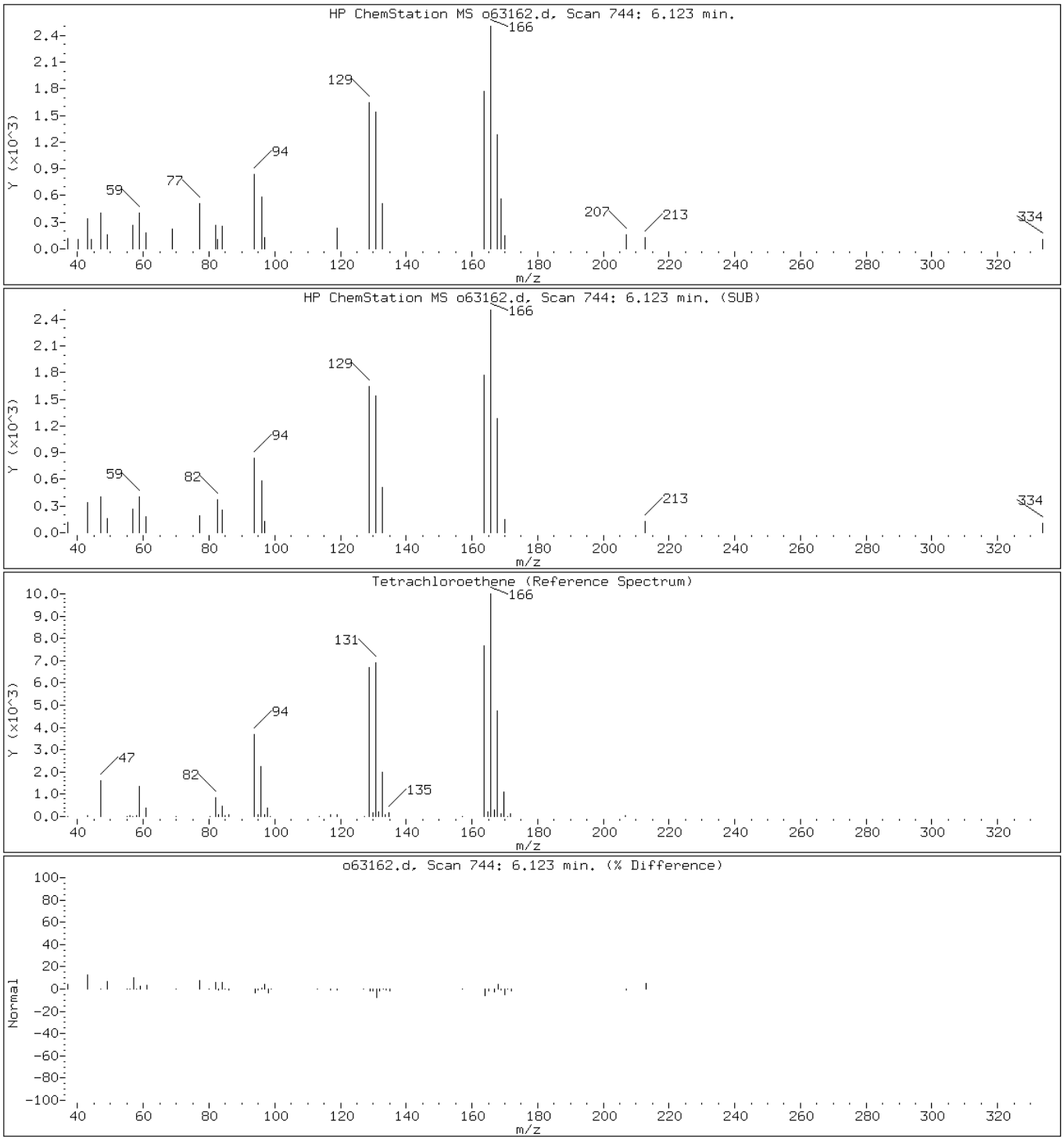
Data File: o63162.d

Date: 08-AUG-2012 03:10

Client ID: 20120731SB-387V0-2N Instrument: VOAMS12.i

Sample Info: 460-42971-D-13-A;;;4.24;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V3-4N | Lab Sample ID: 460-42971-14

Matrix: Solid | Lab File ID: o63163.d

Analysis Method: 8260B | Date Collected: 07/31/2012 12:35

Sample wt/vol: 3.53(g) | Date Analyzed: 08/08/2012 03:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.26	U	1.7	0.26
74-83-9	Bromomethane	0.71	U	1.7	0.71
75-01-4	Vinyl chloride	2.3		1.7	0.56
75-00-3	Chloroethane	0.55	U	1.7	0.55
75-09-2	Methylene Chloride	0.69	J B	1.7	0.25
67-64-1	Acetone	26		17	2.8
75-15-0	Carbon disulfide	1.0	J	1.7	0.25
75-69-4	Trichlorofluoromethane	0.26	U	1.7	0.26
75-35-4	1,1-Dichloroethene	0.31	U	1.7	0.31
75-34-3	1,1-Dichloroethane	0.18	U	1.7	0.18
156-60-5	trans-1,2-Dichloroethene	0.22	U	1.7	0.22
156-59-2	cis-1,2-Dichloroethene	0.39	J	1.7	0.18
67-66-3	Chloroform	0.40	U	1.7	0.40
78-93-3	2-Butanone	1.0	U	17	1.0
107-06-2	1,2-Dichloroethane	0.92	J	1.7	0.30
71-55-6	1,1,1-Trichloroethane	0.22	U	1.7	0.22
56-23-5	Carbon tetrachloride	0.25	U	1.7	0.25
71-43-2	Benzene	0.48	J	1.7	0.25
75-25-2	Bromoform	0.28	U	1.7	0.28
100-42-5	Styrene	0.46	U	1.7	0.46
179601-23-1	m&p-Xylene	0.98	U	3.3	0.98
95-47-6	o-Xylene	0.31	U	1.7	0.31
100-41-4	Ethylbenzene	0.28	U	1.7	0.28
108-90-7	Chlorobenzene	0.30	U	1.7	0.30
110-82-7	Cyclohexane	0.22	U	1.7	0.22
98-82-8	Isopropylbenzene	0.35	J	1.7	0.18
591-78-6	2-Hexanone	0.22	U	17	0.22
1634-04-4	MTBE	0.18	U	1.7	0.18
76-13-1	Freon TF	0.18	U	1.7	0.18
79-20-9	Methyl acetate	0.53	U	1.7	0.53
123-91-1	1,4-Dioxane	21	U	83	21
79-01-6	Trichloroethene	0.20	U	1.7	0.20
108-88-3	Toluene	0.23	U	1.7	0.23
10061-02-6	trans-1,3-Dichloropropene	0.17	U	1.7	0.17
108-10-1	4-Methyl-2-pentanone	0.33	U	17	0.33
10061-01-5	cis-1,3-Dichloropropene	0.23	U	1.7	0.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V3-4N | Lab Sample ID: 460-42971-14

Matrix: Solid | Lab File ID: o63163.d

Analysis Method: 8260B | Date Collected: 07/31/2012 12:35

Sample wt/vol: 3.53(g) | Date Analyzed: 08/08/2012 03:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.17	U	1.7	0.17
541-73-1	1,3-Dichlorobenzene	0.26	U	1.7	0.26
106-46-7	1,4-Dichlorobenzene	0.18	U	1.7	0.18
120-82-1	1,2,4-Trichlorobenzene	0.31	U	1.7	0.31
87-61-6	1,2,3-Trichlorobenzene	0.26	U	1.7	0.26
78-87-5	1,2-Dichloropropane	0.25	U	1.7	0.25
108-87-2	Methylcyclohexane	0.63	J	1.7	0.17
127-18-4	Tetrachloroethene	0.20	U	1.7	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.73	U	1.7	0.73
79-34-5	1,1,2,2-Tetrachloroethane	0.15	U	1.7	0.15
79-00-5	1,1,2-Trichloroethane	0.23	U	1.7	0.23
124-48-1	Dibromochloromethane	0.17	U	1.7	0.17
106-93-4	1,2-Dibromoethane	0.25	U	1.7	0.25
75-71-8	Dichlorodifluoromethane	0.36	U	1.7	0.36
74-97-5	Bromochloromethane	0.18	U	1.7	0.18
75-27-4	Bromodichloromethane	0.53	U	1.7	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	107		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63163.d
Report Date: 08-Aug-2012 09:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63163.d
Lab Smp Id: 460-42971-D-14-A Client Smp ID: 20120731SB-387V3-4N
Inj Date : 08-AUG-2012 03:35
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-42971-D-14-A;;;3.53;5
Misc Info : 460-42971-D-14-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.53000	Weight of sample extracted (g)
M	14.47368	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
4 Vinyl Chloride	62	1.009	1.009	(0.272)	5915	1.41205	2.3
46 Ethyl Ether	59	1.496	1.496	(0.403)	4188	1.58406	2.6
7 Acetone	43	1.661	1.654	(0.448)	11985	15.6946	26
8 Carbon Disulfide	76	1.732	1.733	(0.467)	6813	0.63278	1.0(a)
6 Methylene Chloride	84	1.897	1.897	(0.511)	1361	0.41825	0.69(a)
51 TBA	59	1.983	1.983	(0.535)	1958	6.04884	10(a)
13 cis-1,2-Dichloroethene	96	2.742	2.750	(0.739)	966	0.23648	0.39(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	95131	46.4422	77
28 Benzene	78	3.451	3.445	(0.930)	4127	0.29234	0.48(a)
17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	2243	0.55700	0.92(aH)
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	498541	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.017	4.010	(1.083)	14337	10.5181	17
126 Methyl cyclohexane	83	4.225	4.225	(1.139)	2604	0.38273	0.63(a)
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	387146	50.6180	84

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63163.d
Report Date: 08-Aug-2012 09:51

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	377083	50.0000	
110 Isopropylbenzene	105	8.867	8.867	(1.220)	3751	0.20910	0.35(a)
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	154658	53.5024	89
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	206344	50.0000	
M 14 1,2-Dichloroethene (total)	100				966	0.23648	0.39(a)

QC Flag Legend

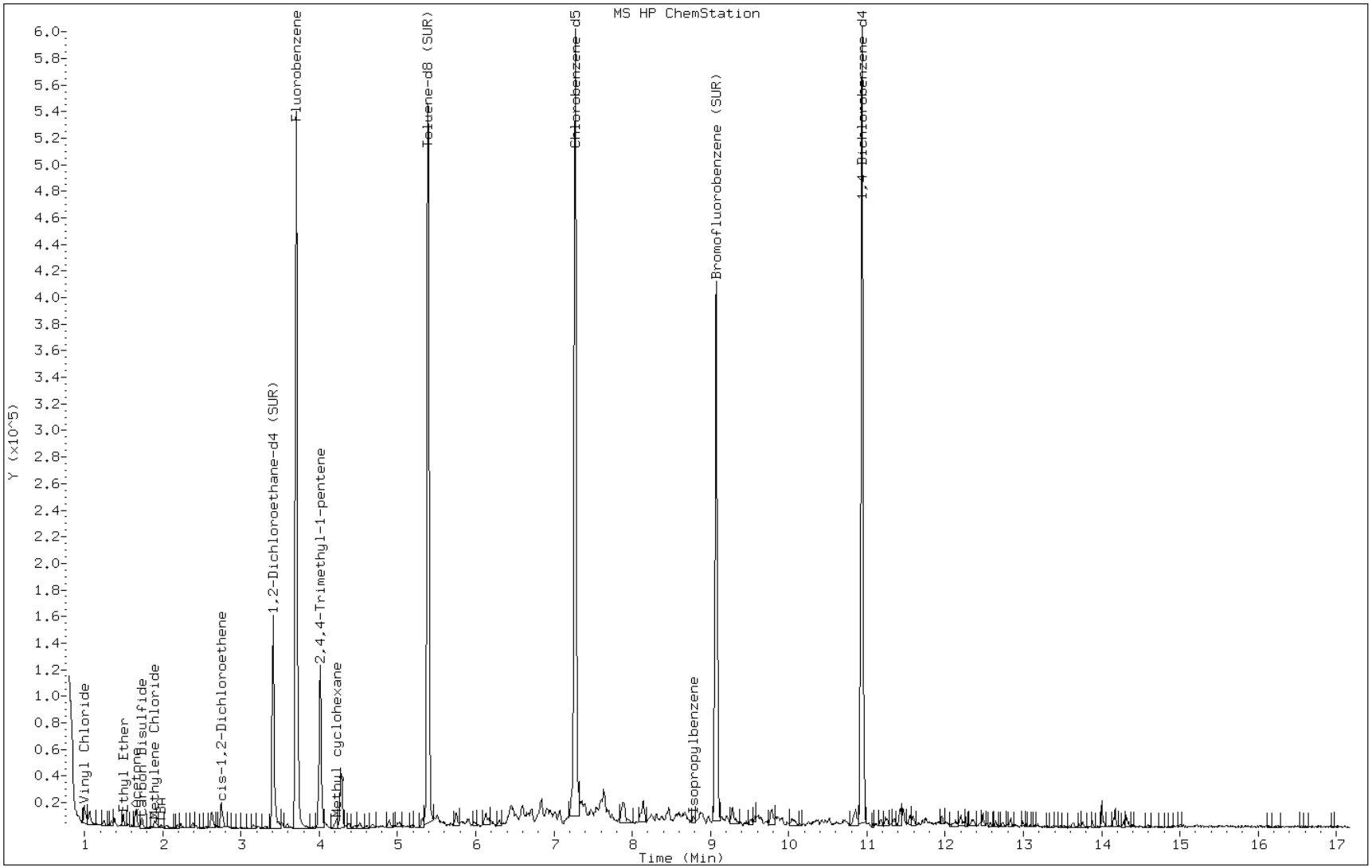
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9



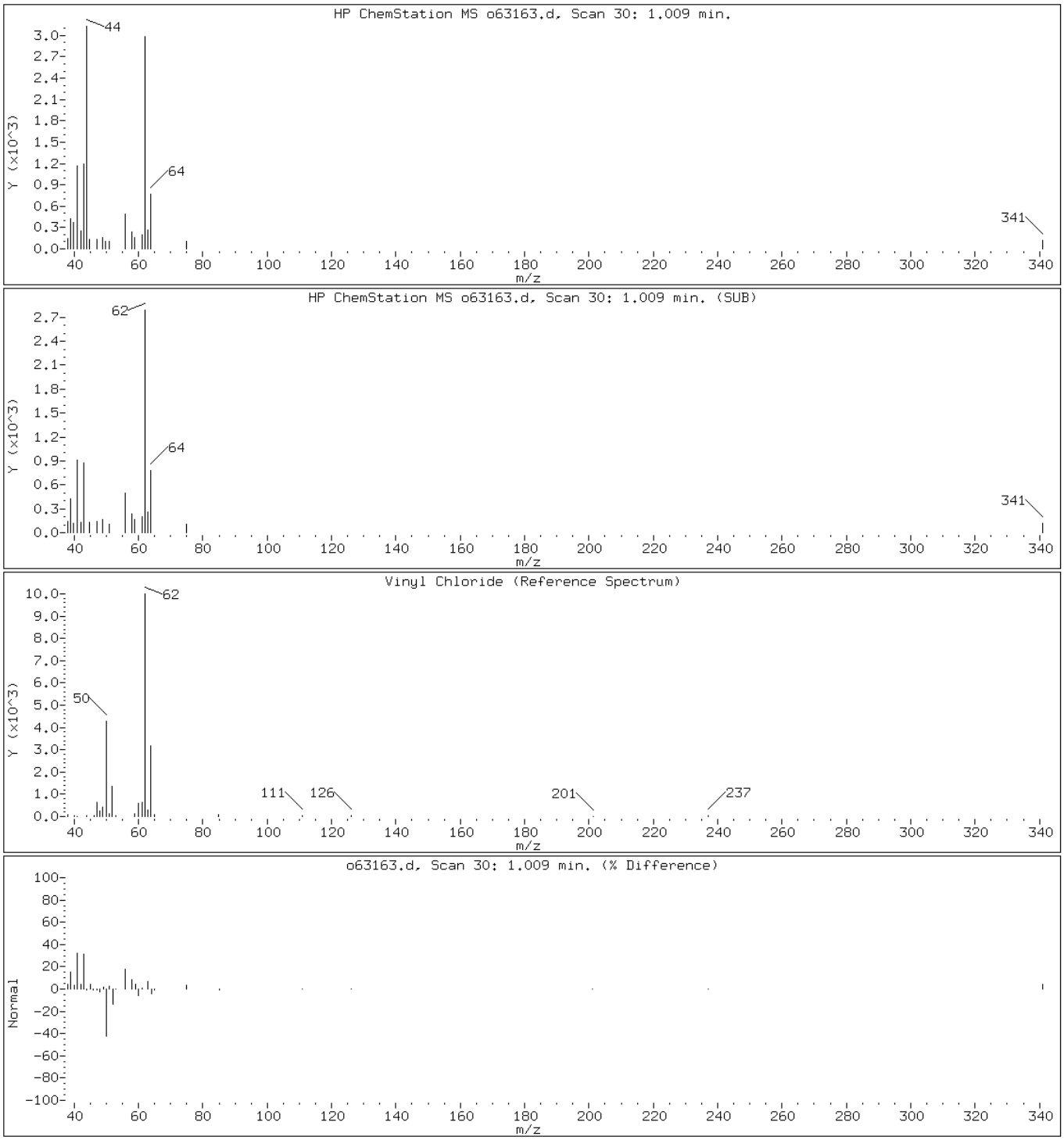
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

4 Vinyl Chloride



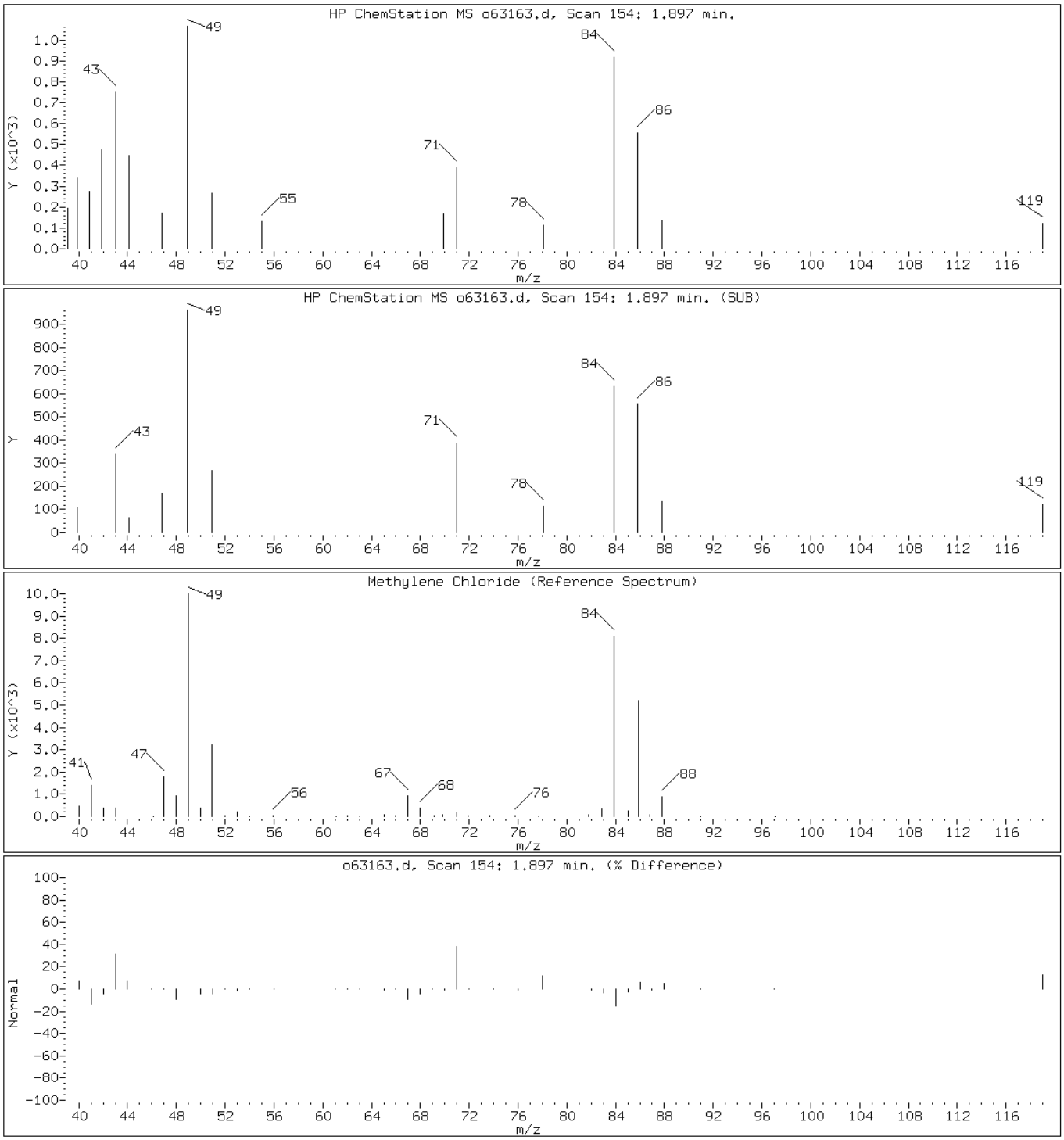
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

6 Methylene Chloride



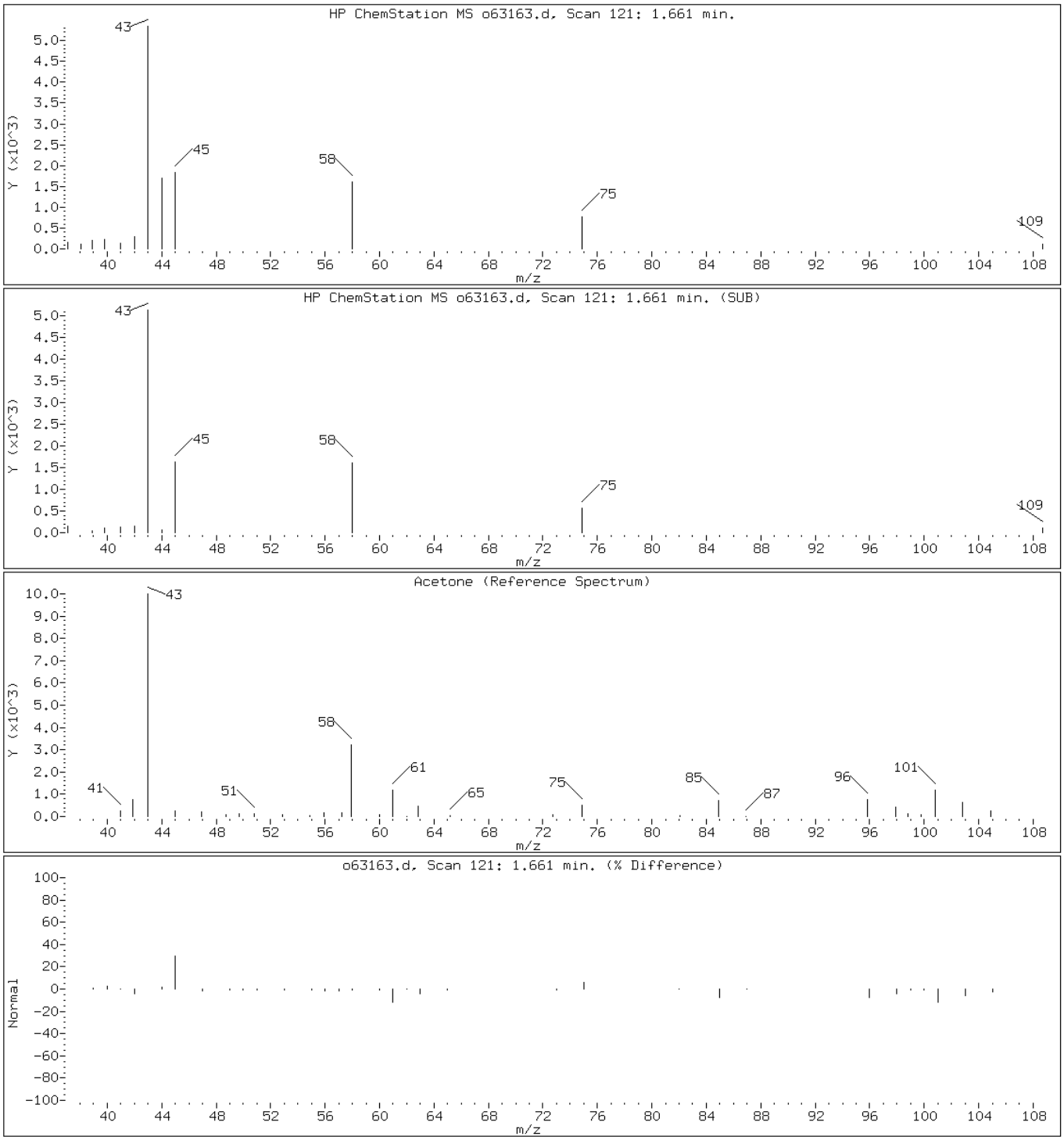
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

7 Acetone



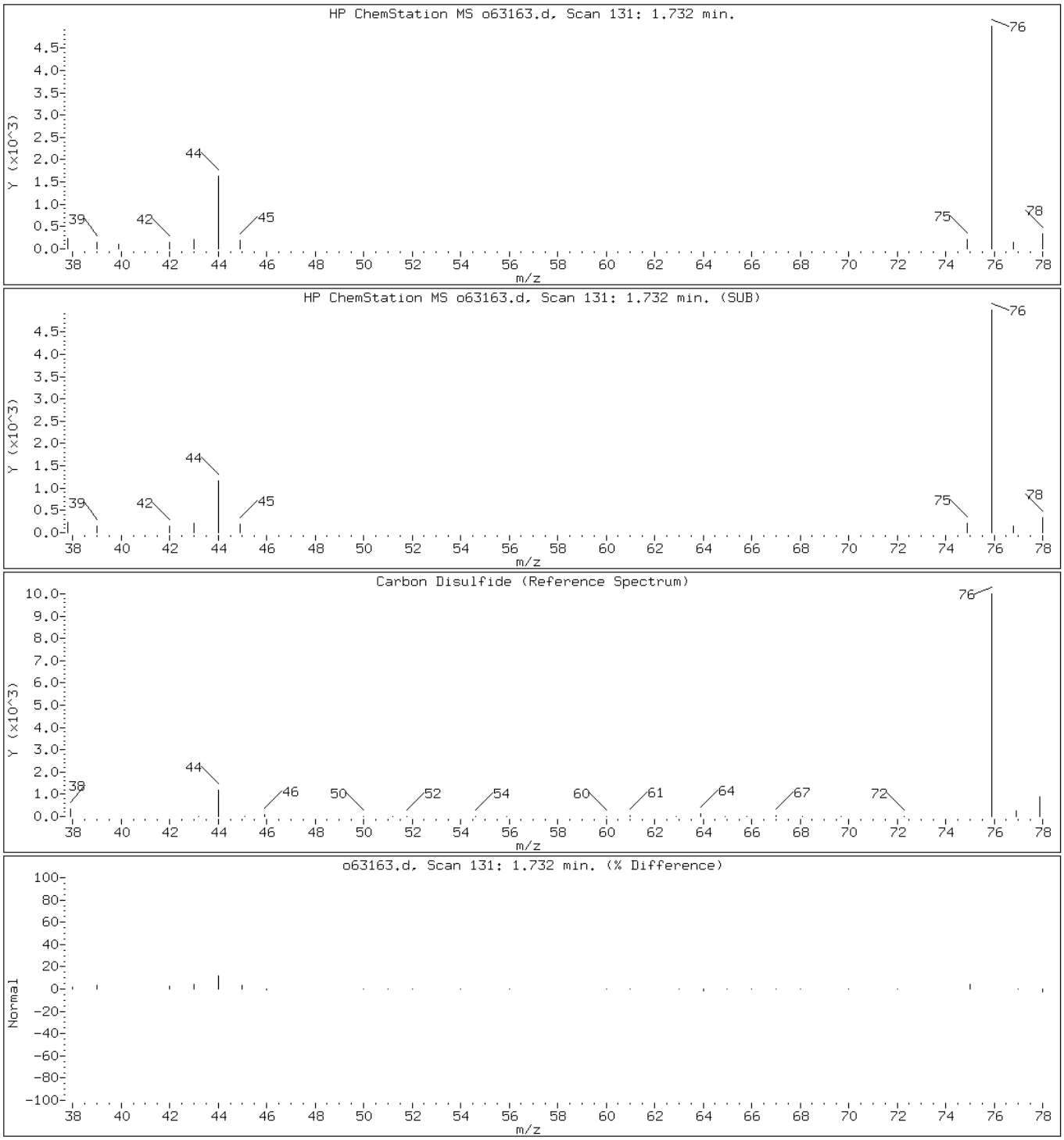
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

8 Carbon Disulfide



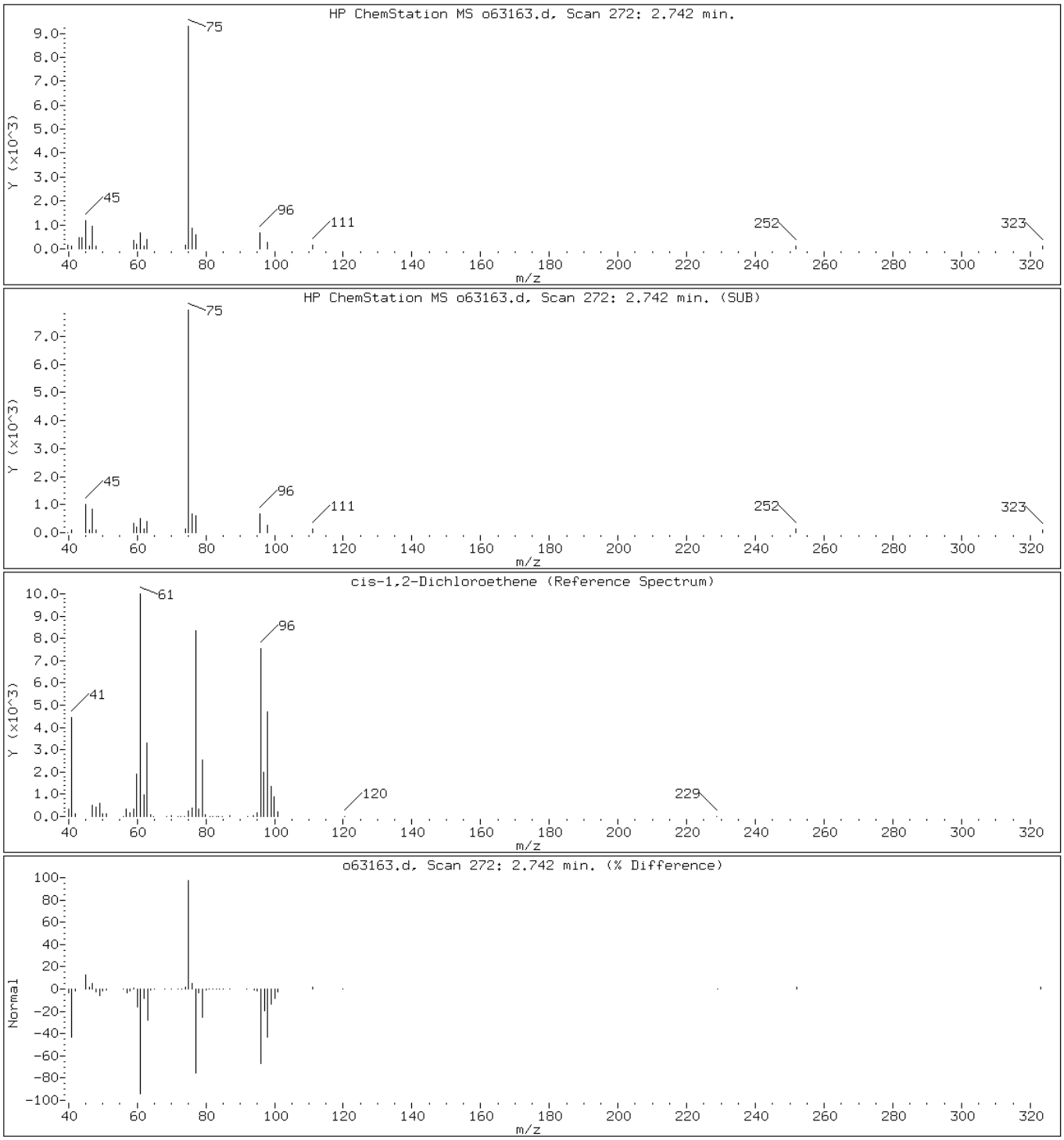
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



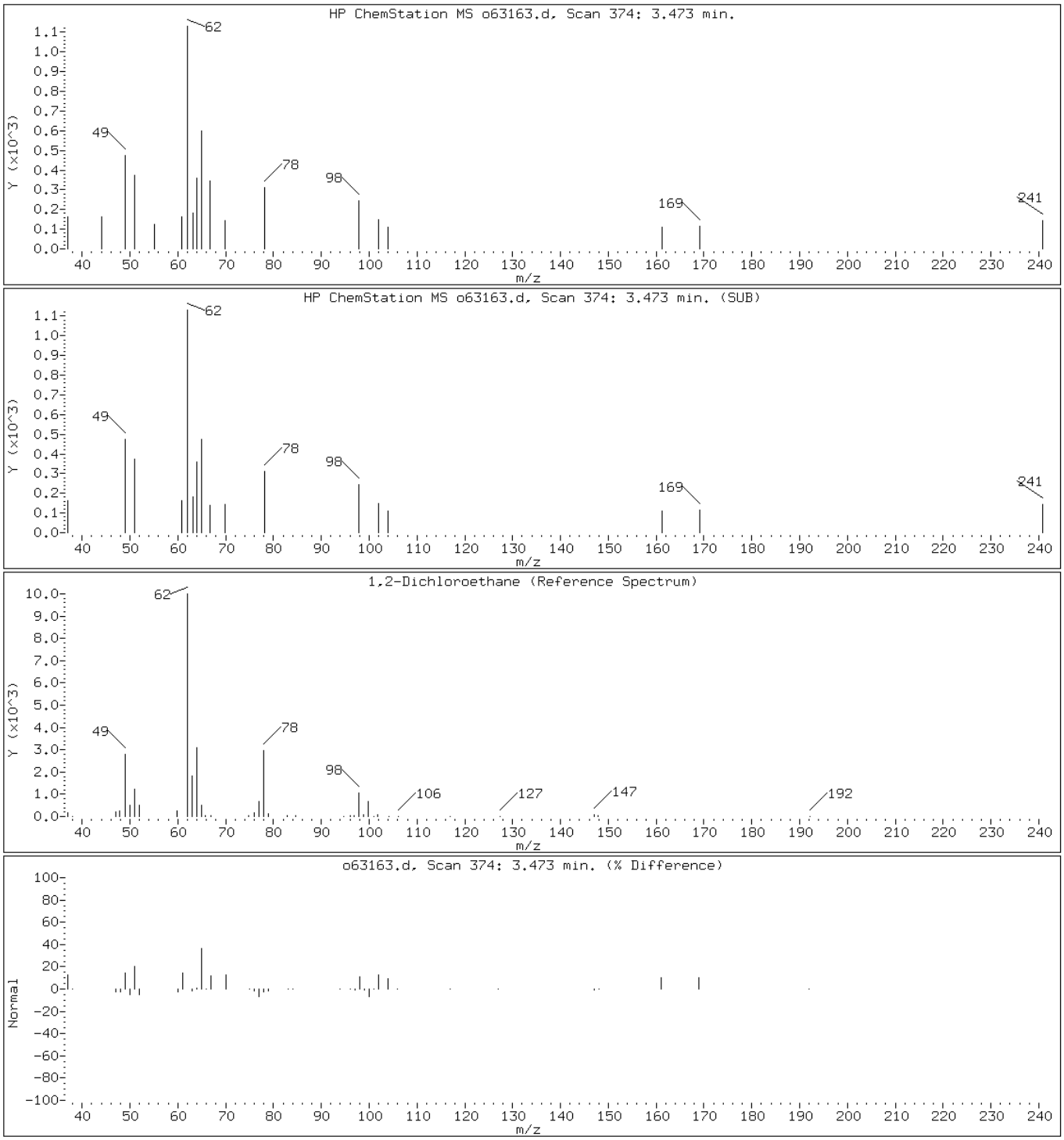
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

17 1,2-Dichloroethane



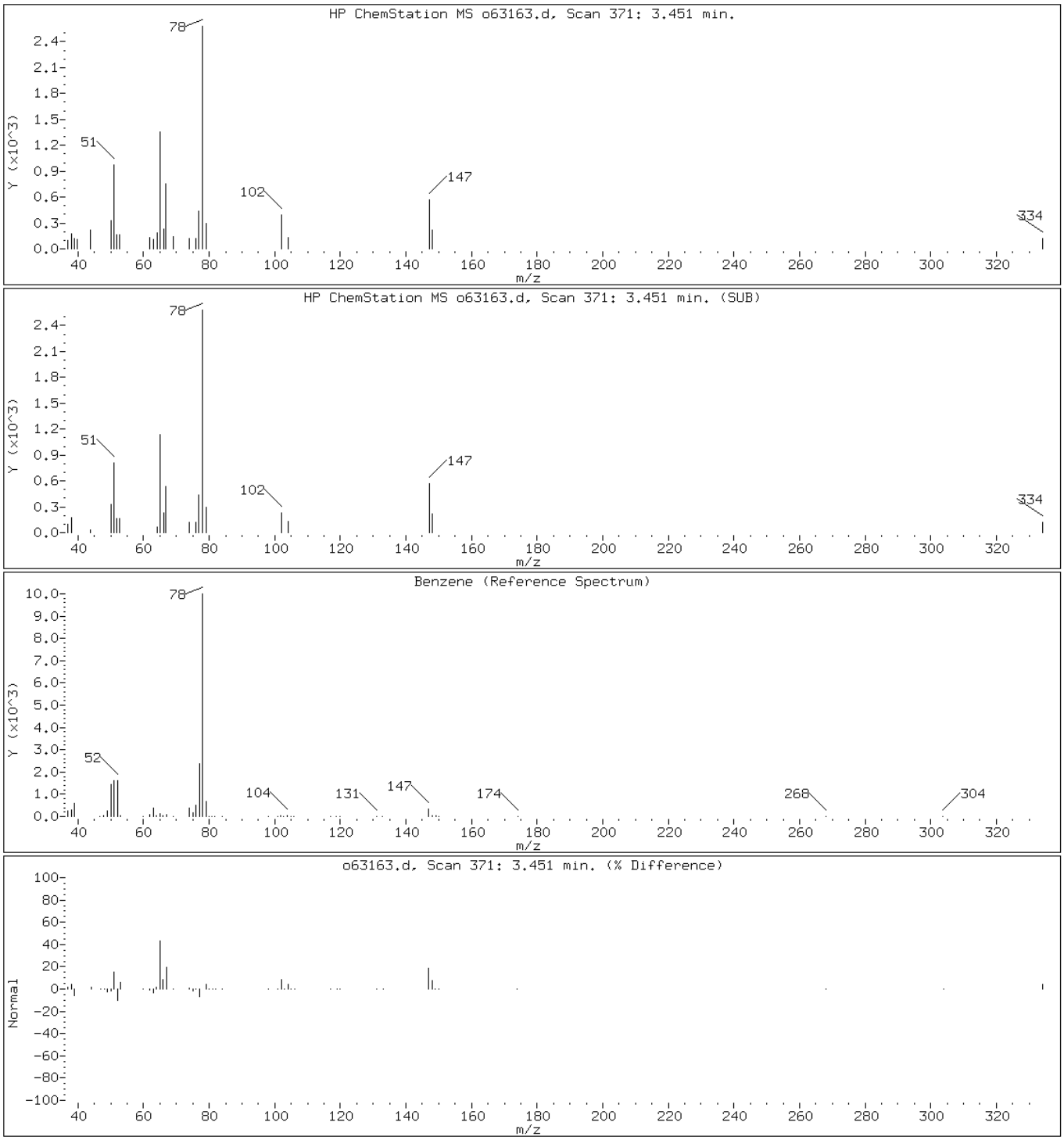
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

28 Benzene



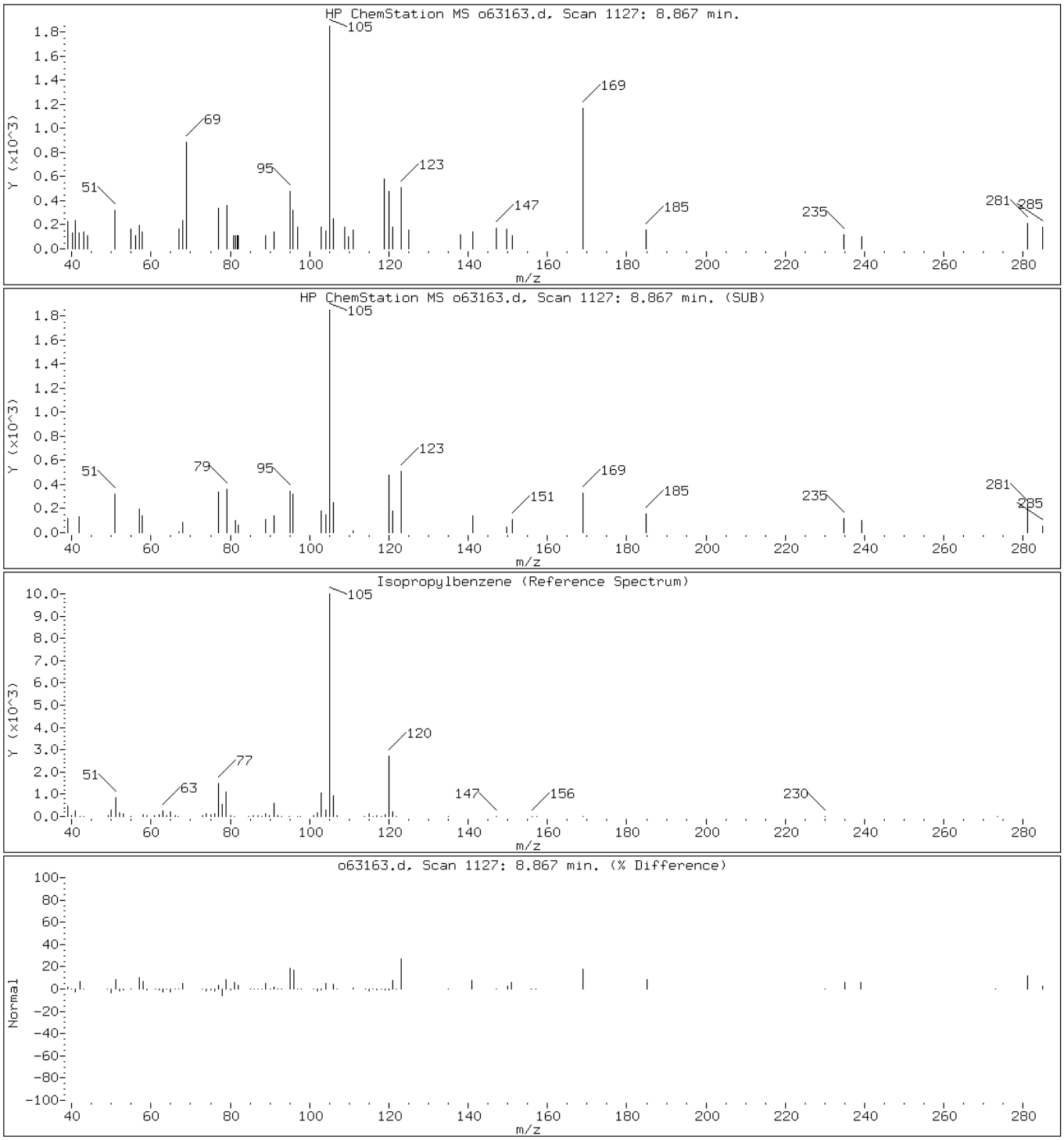
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

110 Isopropylbenzene



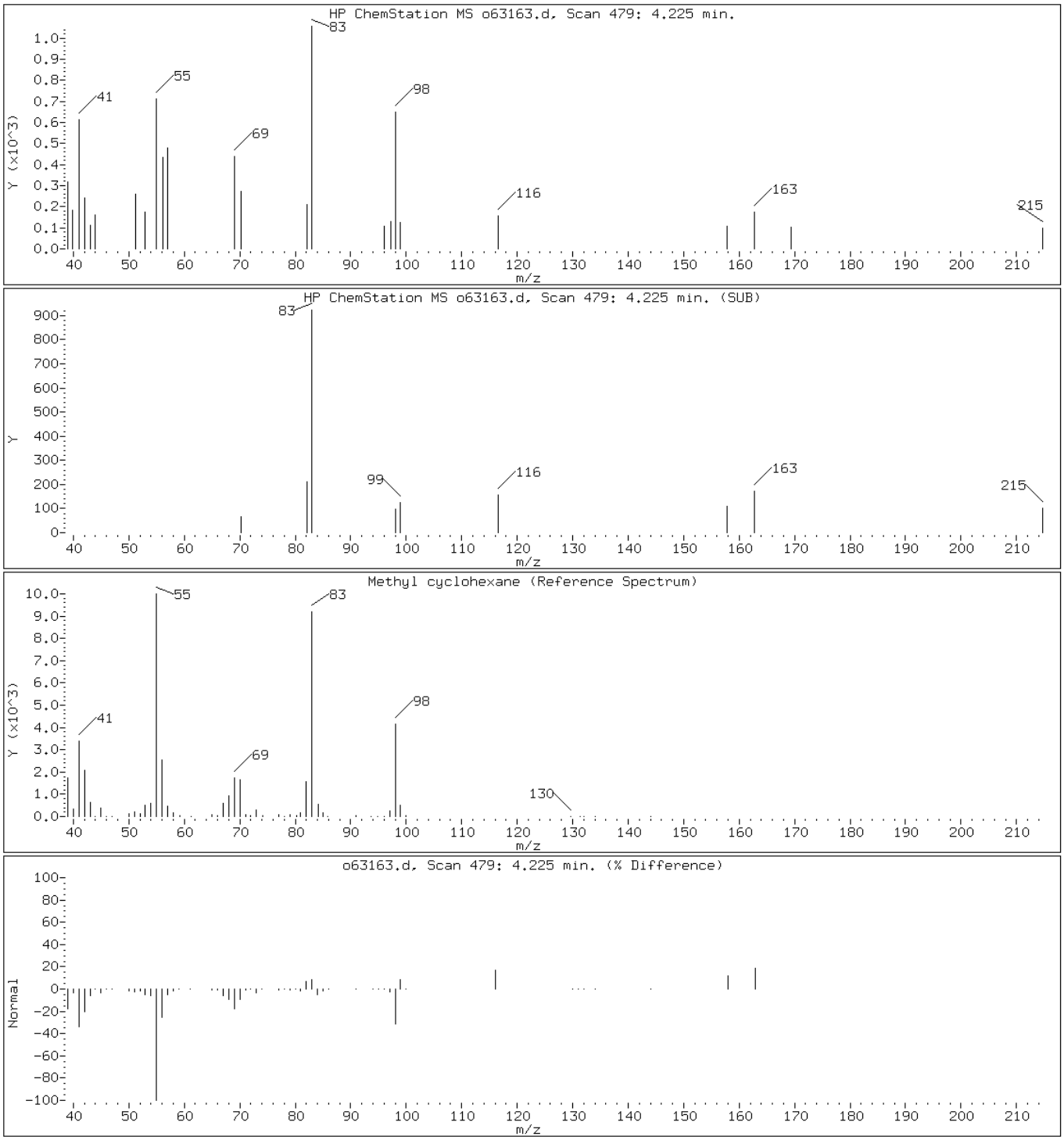
Data File: o63163.d

Date: 08-AUG-2012 03:35

Client ID: 20120731SB-387V3-4N Instrument: VOAMS12.i

Sample Info: 460-42971-D-14-A;;;3.53;5 Operator: VOAMS 9

126 Methyl cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731EB | Lab Sample ID: 460-42971-15

Matrix: Water | Lab File ID: k02963.d

Analysis Method: 8260B | Date Collected: 07/31/2012 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/02/2012 16:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122264 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
179601-23-1	m&p-Xylene	0.25	U	2.0	0.25
95-47-6	o-Xylene	0.13	U	1.0	0.13
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731EB | Lab Sample ID: 460-42971-15

Matrix: Water | Lab File ID: k02963.d

Analysis Method: 8260B | Date Collected: 07/31/2012 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/02/2012 16:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122264 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	89		70-130

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02963.d
Report Date: 03-Aug-2012 07:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02963.d
Lab Smp Id: 460-42971-A-15 Client Smp ID: 20120731EB
Inj Date : 02-AUG-2012 16:45
Operator : Inst ID: VOAMS9.i
Smp Info : 460-42971-A-15
Misc Info : 460-42971-A-15
Comment :
Method : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/8260_09.m
Meth Date : 02-Aug-2012 09:49 desais Quant Type: ISTD
Cal Date : 23-JUL-2012 23:59 Cal File: k02515.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.163	5.163	(0.950)	136562	55.4602	55
* 52 Fluorobenzene	96	5.435	5.435	(1.000)	479614	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.115	7.115	(0.799)	383753	46.9302	47
* 78 Chlorobenzene-d5	117	8.907	8.907	(1.000)	336877	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.143	10.143	(0.922)	144706	44.6014	45
* 108 1,4-Dichlorobenzene-d4	152	11.005	11.005	(1.000)	184200	50.0000	

Data File: k02963.d

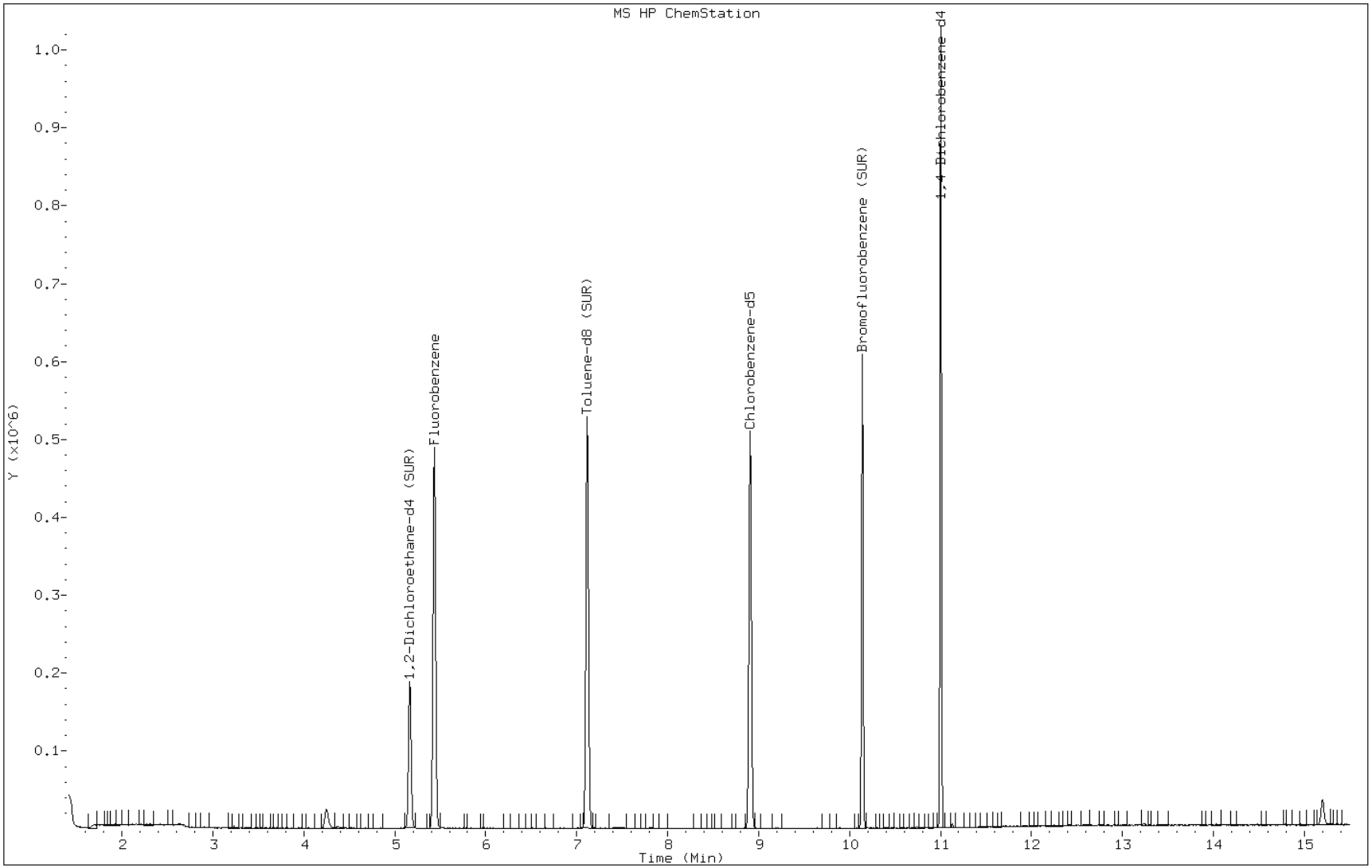
Date: 02-AUG-2012 16:45

Client ID: 20120731EB

Instrument: VOAMS9.i

Sample Info: 460-42971-A-15

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731FD | Lab Sample ID: 460-42971-16

Matrix: Solid | Lab File ID: d23223.d

Analysis Method: 8260B | Date Collected: 07/31/2012 00:00

Sample wt/vol: 5.08(g) | Date Analyzed: 08/09/2012 15:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 25.4 | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	26	U	260	26
74-83-9	Bromomethane	48	U	260	48
75-01-4	Vinyl chloride	38	U	260	38
75-00-3	Chloroethane	45	U	260	45
75-09-2	Methylene Chloride	48	U	260	48
67-64-1	Acetone	710	U	1300	710
75-15-0	Carbon disulfide	33	U	260	33
75-69-4	Trichlorofluoromethane	39	U	260	39
75-35-4	1,1-Dichloroethene	23	U	260	23
75-34-3	1,1-Dichloroethane	34	U	260	34
156-60-5	trans-1,2-Dichloroethene	34	U	260	34
156-59-2	cis-1,2-Dichloroethene	47	U	260	47
67-66-3	Chloroform	21	U	260	21
78-93-3	2-Butanone	610	U	1300	610
107-06-2	1,2-Dichloroethane	290		260	50
71-55-6	1,1,1-Trichloroethane	16	U	260	16
56-23-5	Carbon tetrachloride	15	U	260	15
71-43-2	Benzene	28	J	260	22
75-25-2	Bromoform	51	U	260	51
100-42-5	Styrene	31	U	260	31
179601-23-1	m&p-Xylene	72000		530	65
95-47-6	o-Xylene	12000		260	34
100-41-4	Ethylbenzene	4700		260	25
108-90-7	Chlorobenzene	110	J	260	29
110-82-7	Cyclohexane	110	J	260	42
98-82-8	Isopropylbenzene	5800		260	20
591-78-6	2-Hexanone	130	U	1300	130
1634-04-4	MTBE	36	U	260	36
76-13-1	Freon TF	22	U	260	22
79-20-9	Methyl acetate	89	U	530	89
123-91-1	1,4-Dioxane	9500	U	13000	9500
79-01-6	Trichloroethene	33	J	260	24
108-88-3	Toluene	660		260	39
10061-02-6	trans-1,3-Dichloropropene	64	U	260	64
108-10-1	4-Methyl-2-pentanone	260	U	1300	260
10061-01-5	cis-1,3-Dichloropropene	49	U	260	49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731FD | Lab Sample ID: 460-42971-16

Matrix: Solid | Lab File ID: d23223.d

Analysis Method: 8260B | Date Collected: 07/31/2012 00:00

Sample wt/vol: 5.08(g) | Date Analyzed: 08/09/2012 15:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 25.4 | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	260		260	54
541-73-1	1,3-Dichlorobenzene	69	J	260	36
106-46-7	1,4-Dichlorobenzene	190	J	260	61
120-82-1	1,2,4-Trichlorobenzene	1100		260	90
87-61-6	1,2,3-Trichlorobenzene	140	U	260	140
78-87-5	1,2-Dichloropropane	23	U	260	23
108-87-2	Methylcyclohexane	36	U	260	36
127-18-4	Tetrachloroethene	26	U	260	26
96-12-8	1,2-Dibromo-3-Chloropropane	110	U	260	110
79-34-5	1,1,2,2-Tetrachloroethane	42	U	260	42
79-00-5	1,1,2-Trichloroethane	50	U	260	50
124-48-1	Dibromochloromethane	53	U	260	53
106-93-4	1,2-Dibromoethane	73	U	260	73
75-71-8	Dichlorodifluoromethane	57	U	260	57
74-97-5	Bromochloromethane	72	U	260	72
75-27-4	Bromodichloromethane	33	U	260	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		75-135
2037-26-5	Toluene-d8 (Surr)	109		59-150
460-00-4	Bromofluorobenzene	103		72-133

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23223.d
Report Date: 10-Aug-2012 19:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23223.d
Lab Smp Id: 460-42971-B-16-A Client Smp ID: 20120731FD
Inj Date : 09-AUG-2012 15:31
Operator : Inst ID: VOAMS4.i
Smp Info : 460-42971-B-16-A;100;;5.08;10
Misc Info : 460-42971-B-16-A
Comment :
Method : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/8260_09.m
Meth Date : 09-Aug-2012 10:17 desais Quant Type: ISTD
Cal Date : 08-AUG-2012 00:00 Cal File: d23157.d
Als bottle: 14
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.08000	Weight of sample extracted (g)
M	25.40541	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
44 Cyclohexane	56	3.645	3.640	(0.793)	1262	0.41427	110(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.334	4.328	(0.942)	79882	28.0569	7400
48 Benzene	78	4.204	4.204	(0.529)	1423	0.10772	28(a)
49 1,2-Dichloroethane	62	4.398	4.392	(0.956)	4442	1.08739	290(H)
* 52 Fluorobenzene	96	4.598	4.598	(1.000)	585926	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	4.645	4.639	(1.010)	192284	475.083	120000
54 Trichloroethene	95	4.775	4.757	(1.038)	422	0.12613	33(aH)
$ 65 Toluene-d8 (SUR)	98	6.286	6.286	(0.791)	255425	27.2570	7200
66 Toluene	91	6.351	6.345	(0.799)	35848	2.49462	660
* 78 Chlorobenzene-d5	117	7.945	7.933	(1.000)	429271	50.0000	
79 Chlorobenzene	112	7.957	7.951	(1.001)	4047	0.43394	110(aH)
81 Ethylbenzene	106	8.010	8.004	(1.008)	84084	17.9925	4700
82 m+p-Xylene	106	8.145	8.145	(1.025)	1591188	274.342	72000
84 o-Xylene	106	8.516	8.510	(1.072)	267776	45.7674	12000

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23223.d
Report Date: 10-Aug-2012 19:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
88 Isopropylbenzene	105	8.786	8.780	(1.106)	336917	22.1099	5800
$ 89 Bromofluorobenzene (SUR)	174	8.998	8.992	(0.913)	101233	25.8014	6800
95 n-Propylbenzene	91	9.121	9.116	(0.926)	505401	27.1562	7200
97 1,3,5-Trimethylbenzene	105	9.286	9.280	(0.943)	492926	39.1246	10000
101 1,2,4-Trimethylbenzene	105	9.574	9.574	(0.972)	2297799	177.148	47000
103 sec-Butylbenzene	105	9.651	9.651	(0.980)	87041	5.01995	1300(H)
105 1,3-Dichlorobenzene	146	9.798	9.792	(0.995)	2042	0.26253	69(aH)
107 p-Isopropyltoluene	119	9.769	9.769	(0.992)	620145	41.3717	11000
* 108 1,4-Dichlorobenzene-d4	152	9.851	9.851	(1.000)	221976	50.0000	
109 1,4-Dichlorobenzene	146	9.863	9.863	(1.001)	5745	0.71753	190(a)
106 n-Butylbenzene	91	10.074	10.074	(1.023)	70835	3.03387	800
171 Indan	117	9.986	9.986	(2.172)	47070	3.55379	940
111 1,2-Dichlorobenzene	146	10.168	10.168	(1.032)	7595	0.98117	260(a)
186 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	(2.309)	82102	6.60512	1700
114 1,2,4-Trichlorobenzene	180	11.215	11.215	(1.139)	21784	4.27591	1100
116 Naphthalene	128	11.445	11.445	(1.162)	110035	10.5982	2800
M 121 Xylene (Total)	100				1858964	320.109	84000

QC Flag Legend

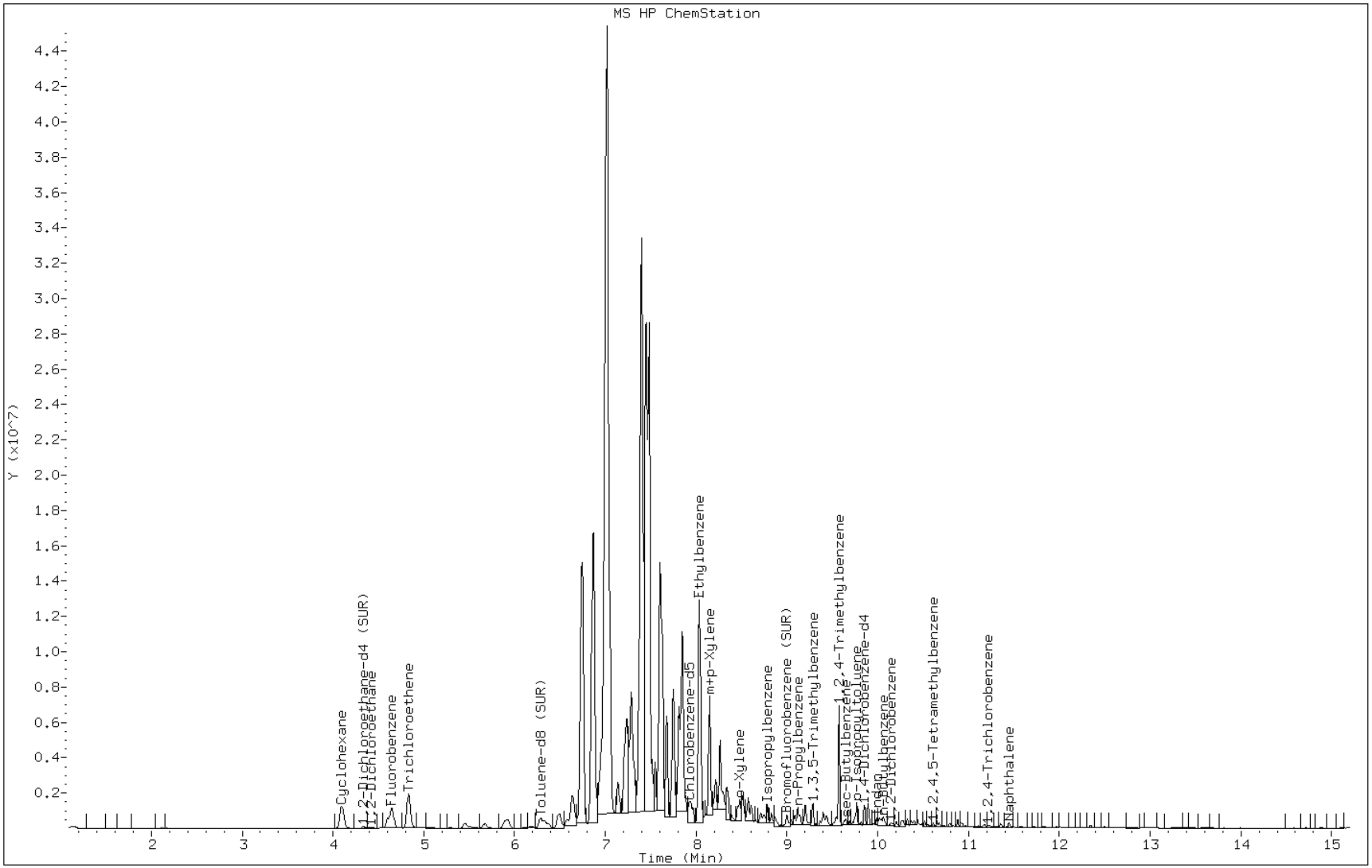
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:



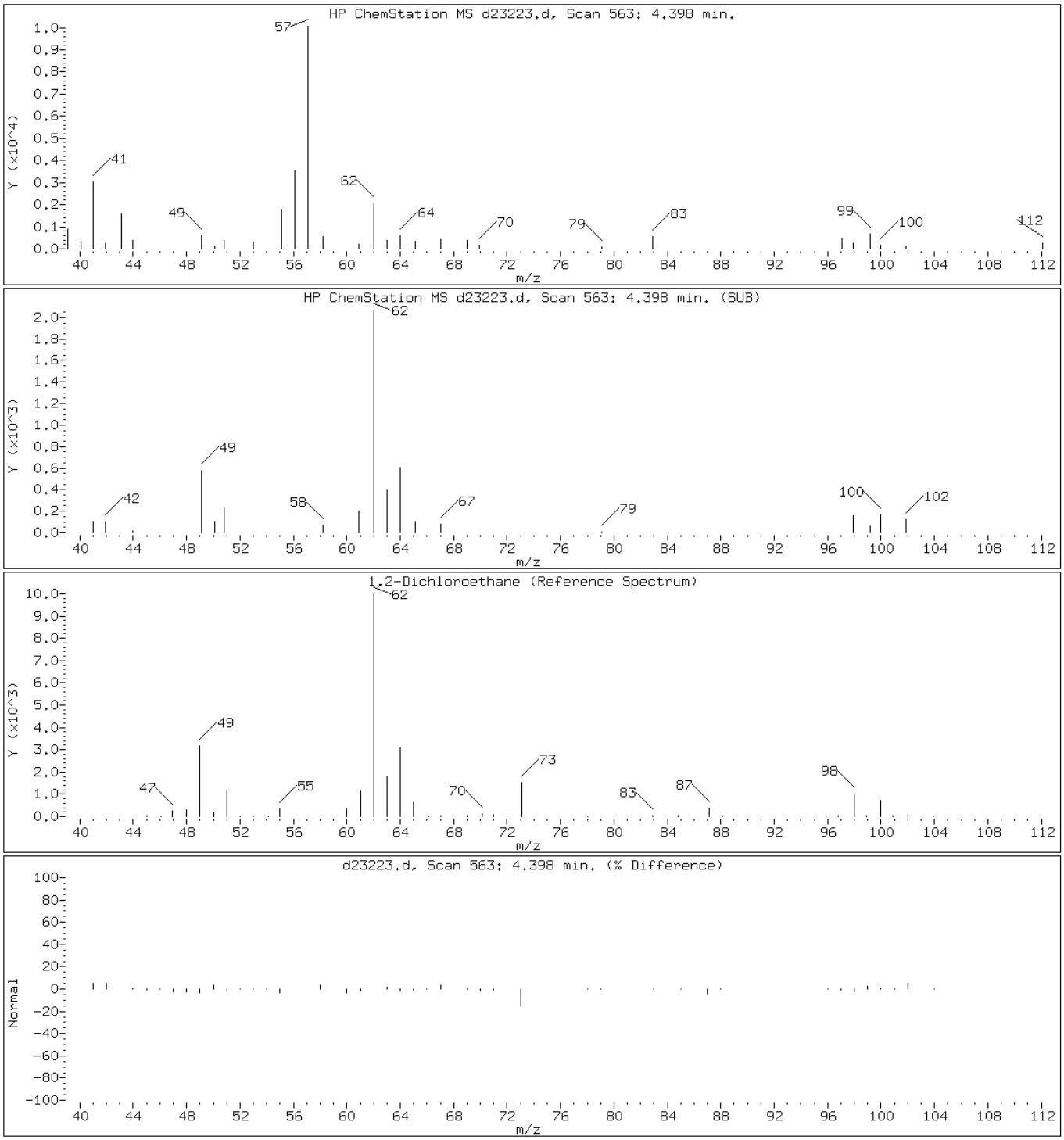
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

49 1,2-Dichloroethane



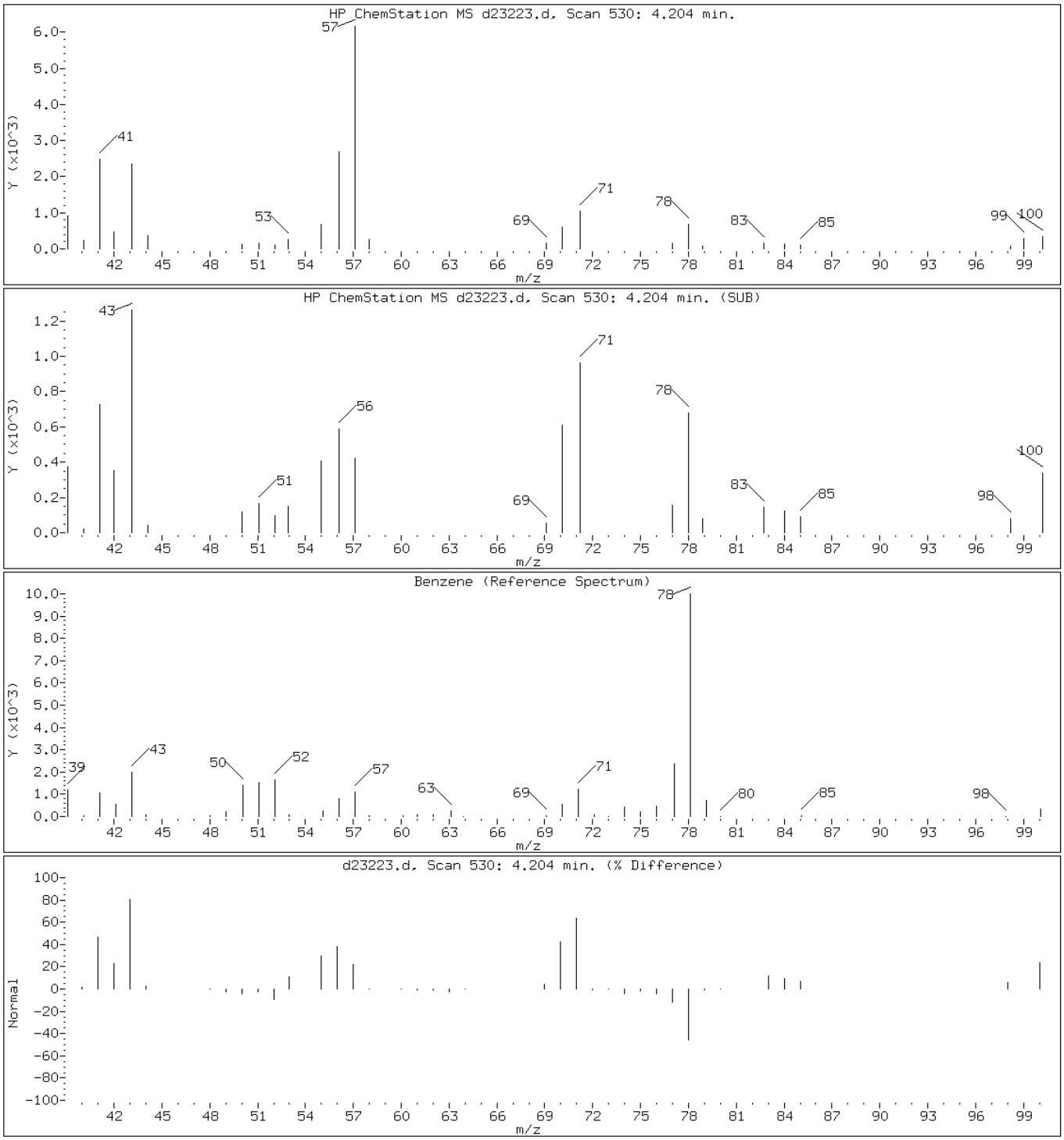
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

48 Benzene



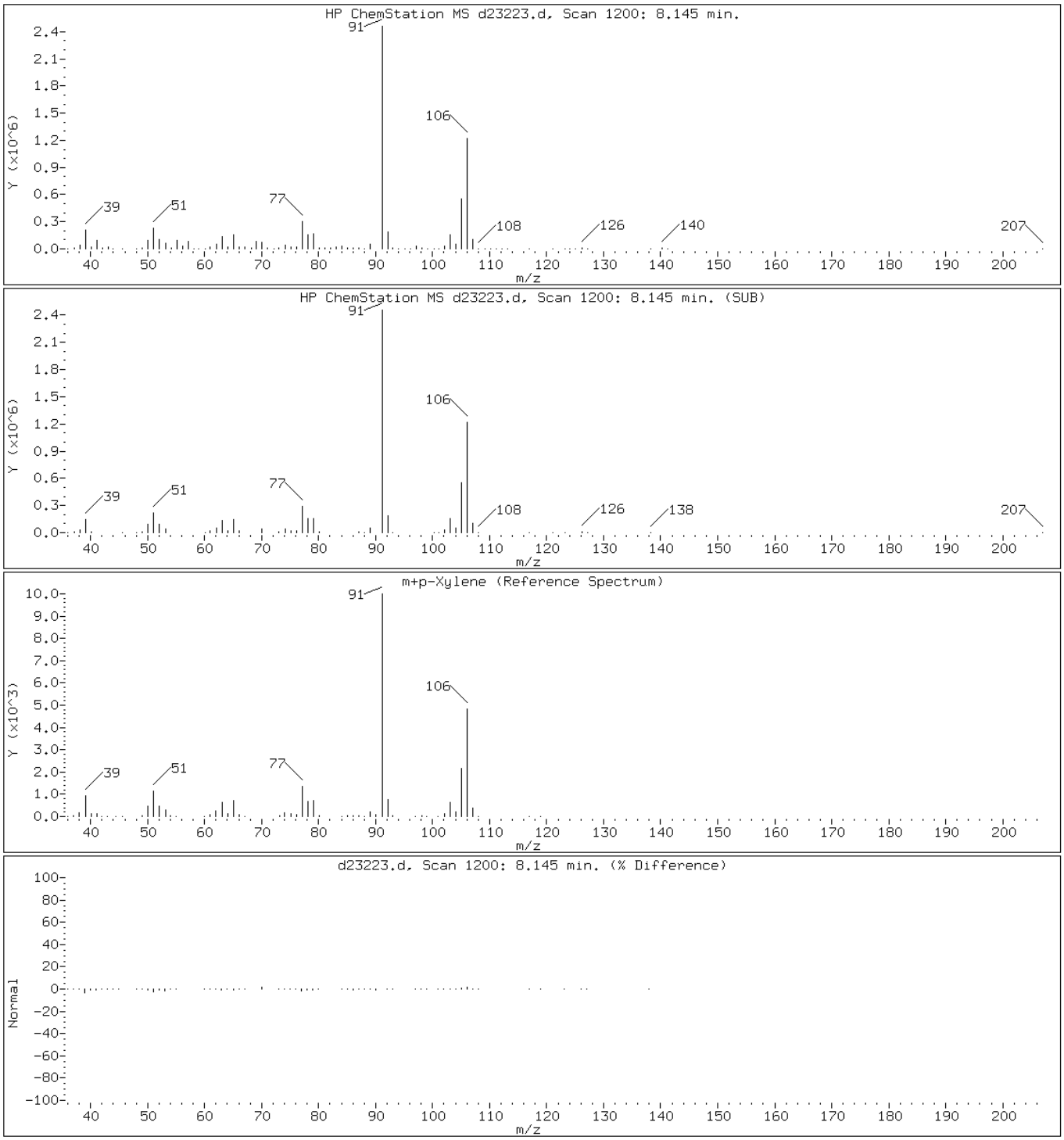
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

82 m+p-Xylene



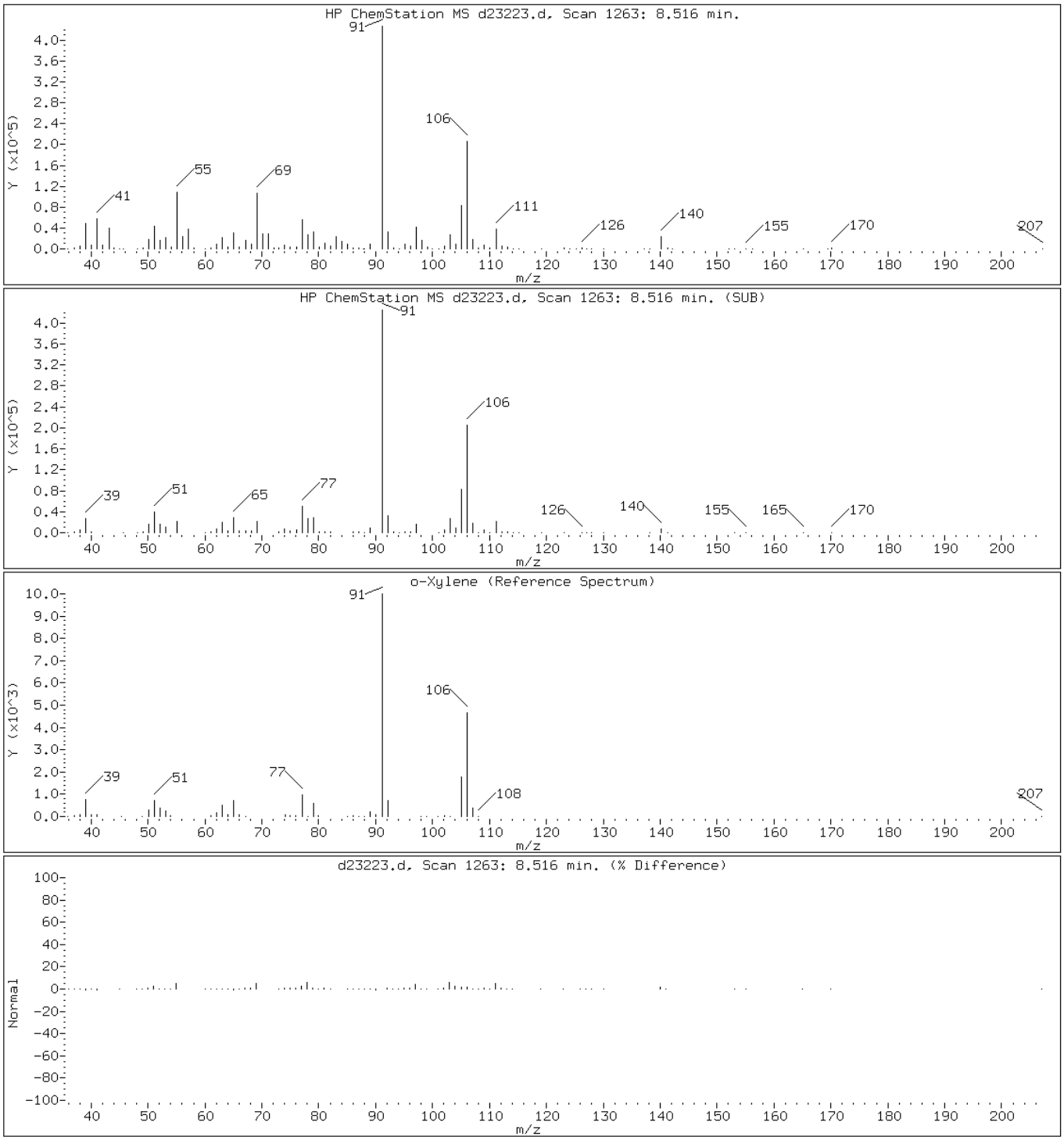
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

84 o-Xylene



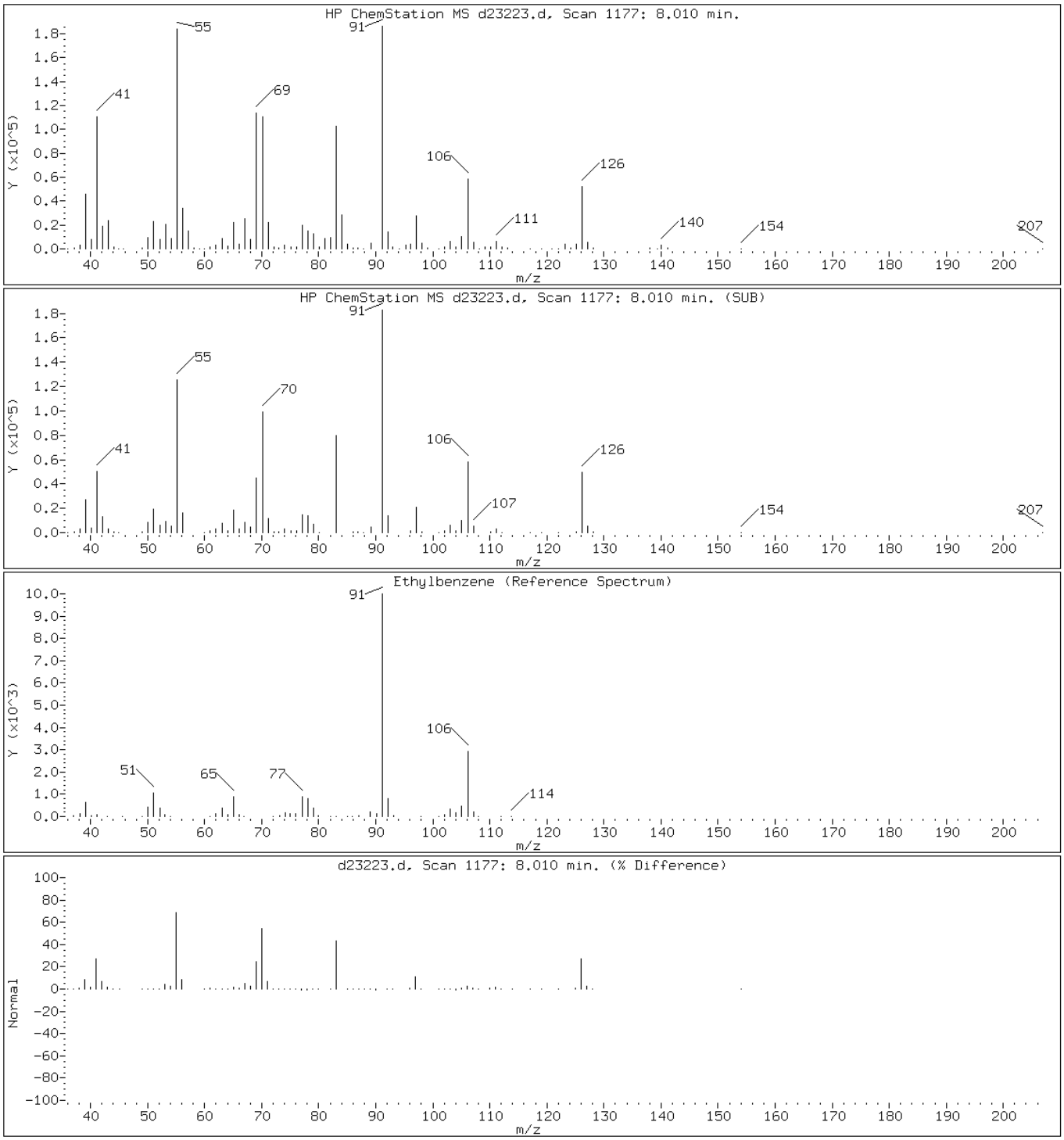
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

81 Ethylbenzene



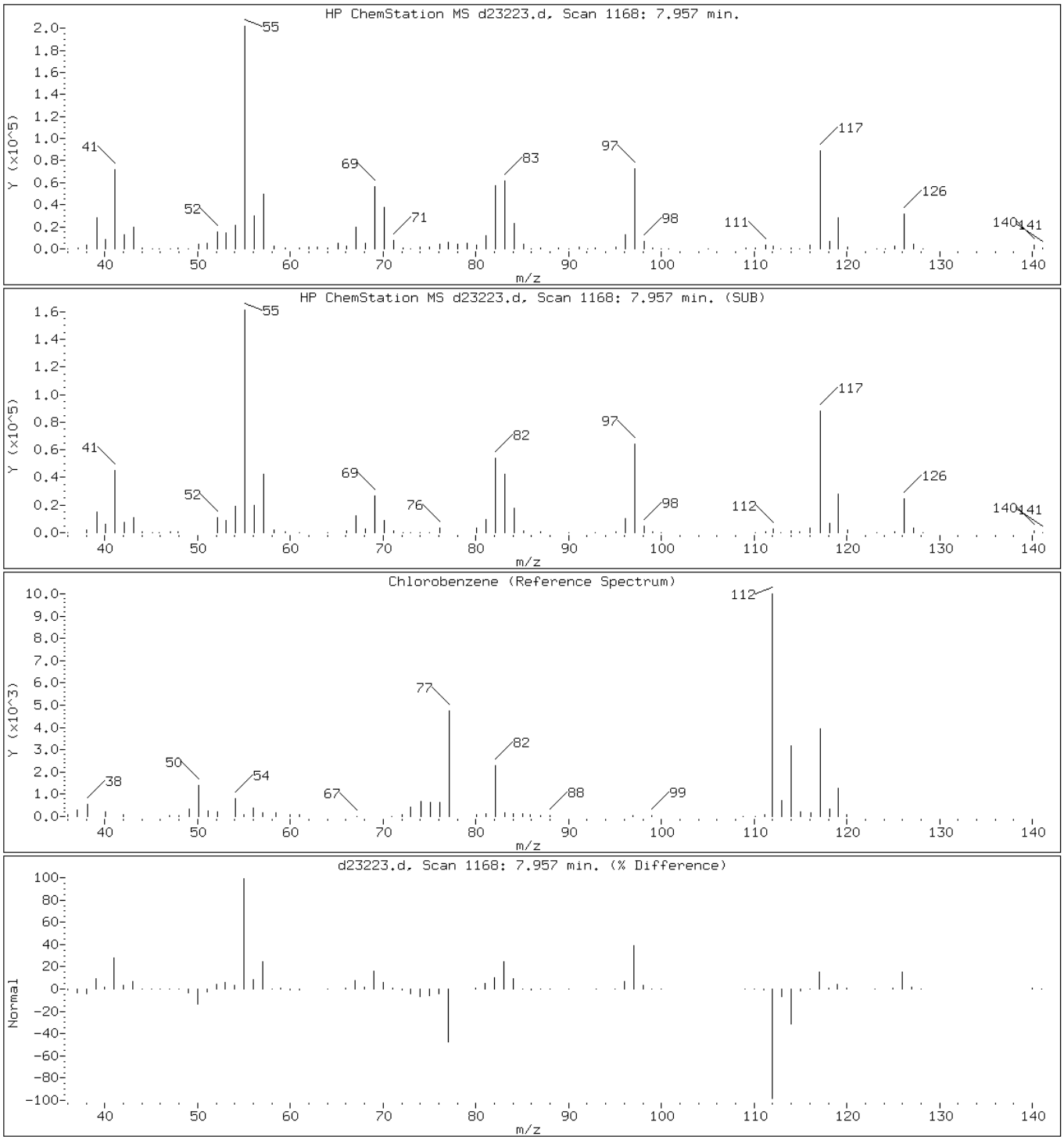
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

79 Chlorobenzene



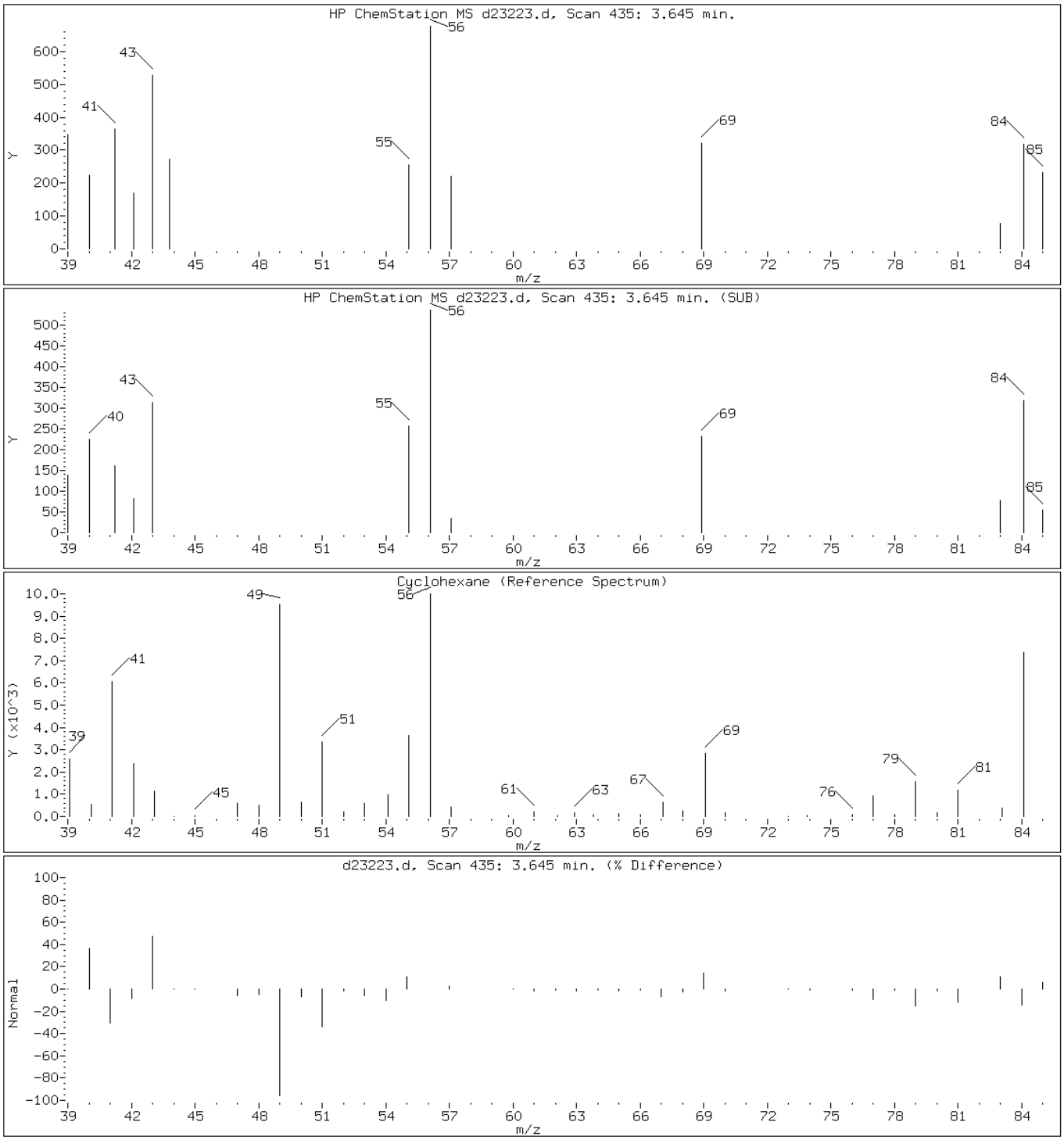
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

44 Cyclohexane



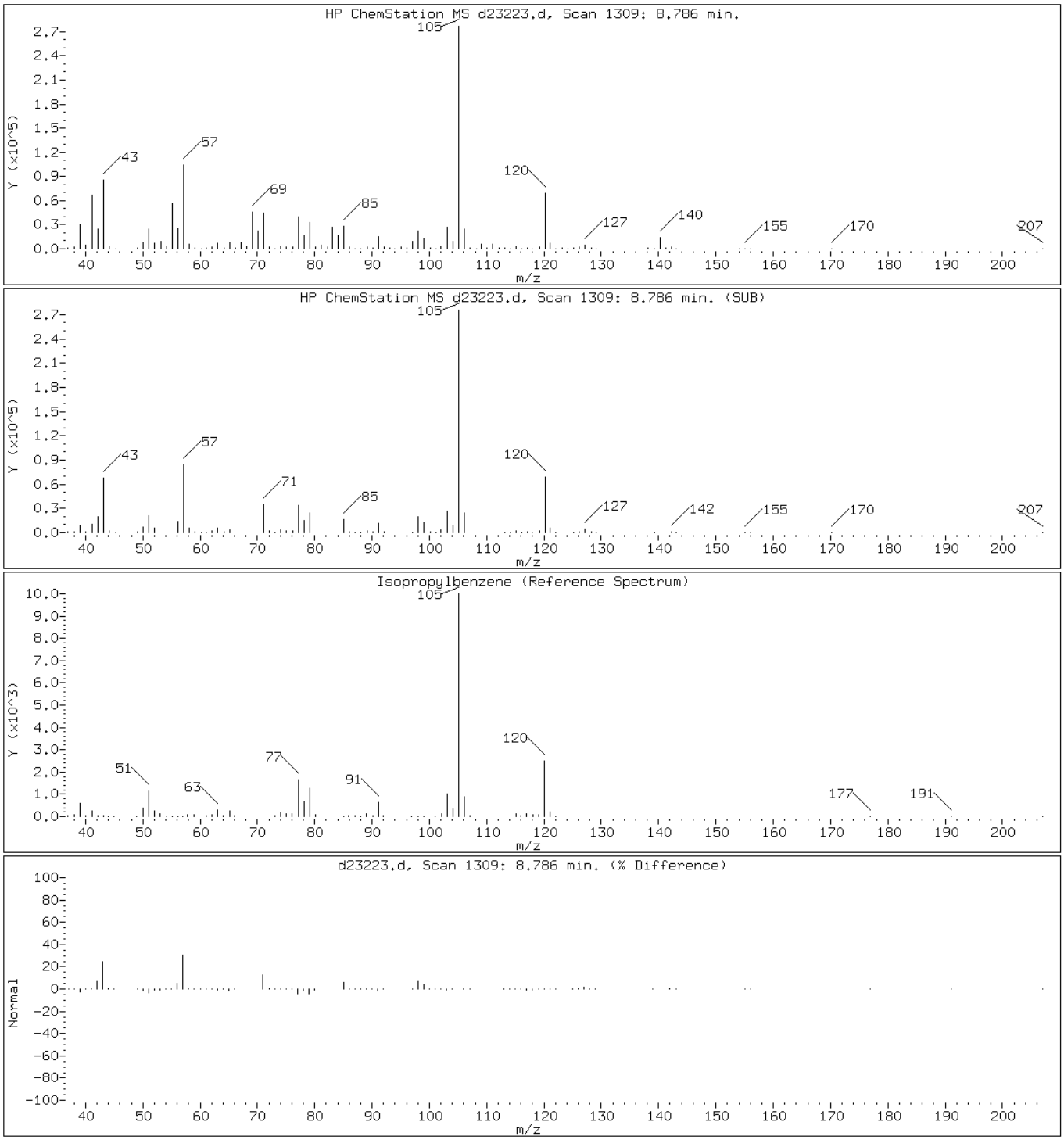
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

88 Isopropylbenzene



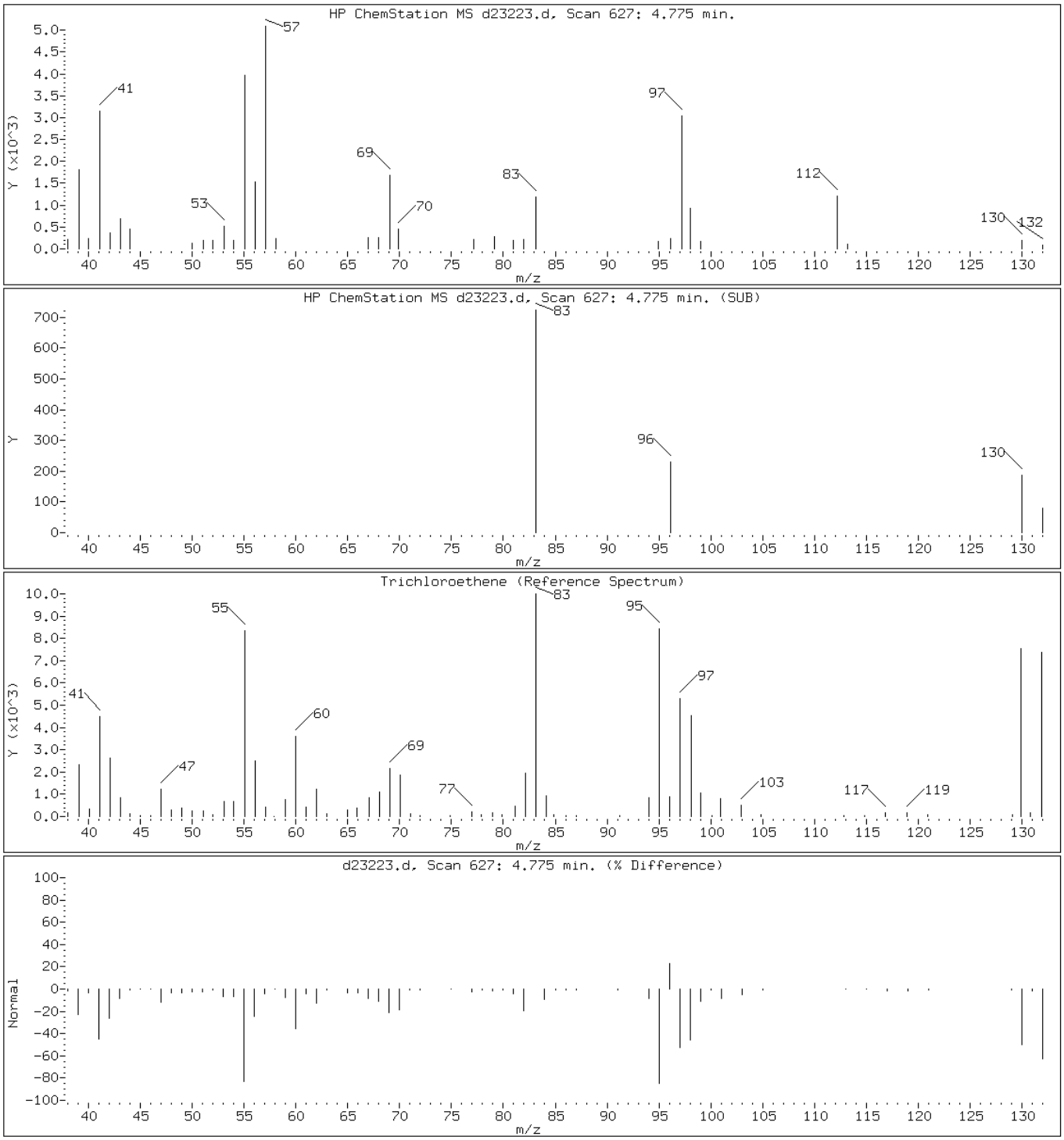
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

54 Trichloroethene



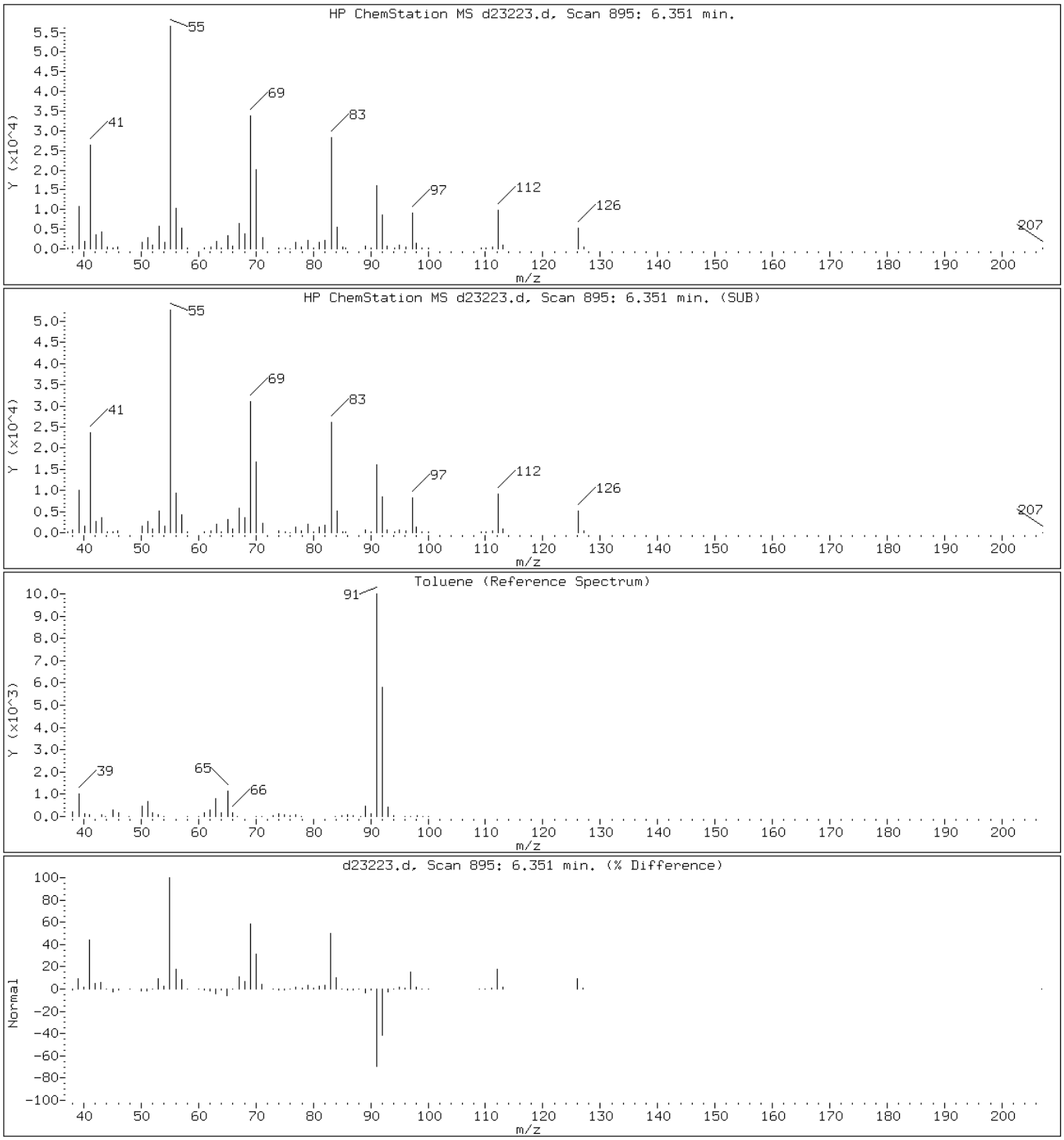
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

66 Toluene



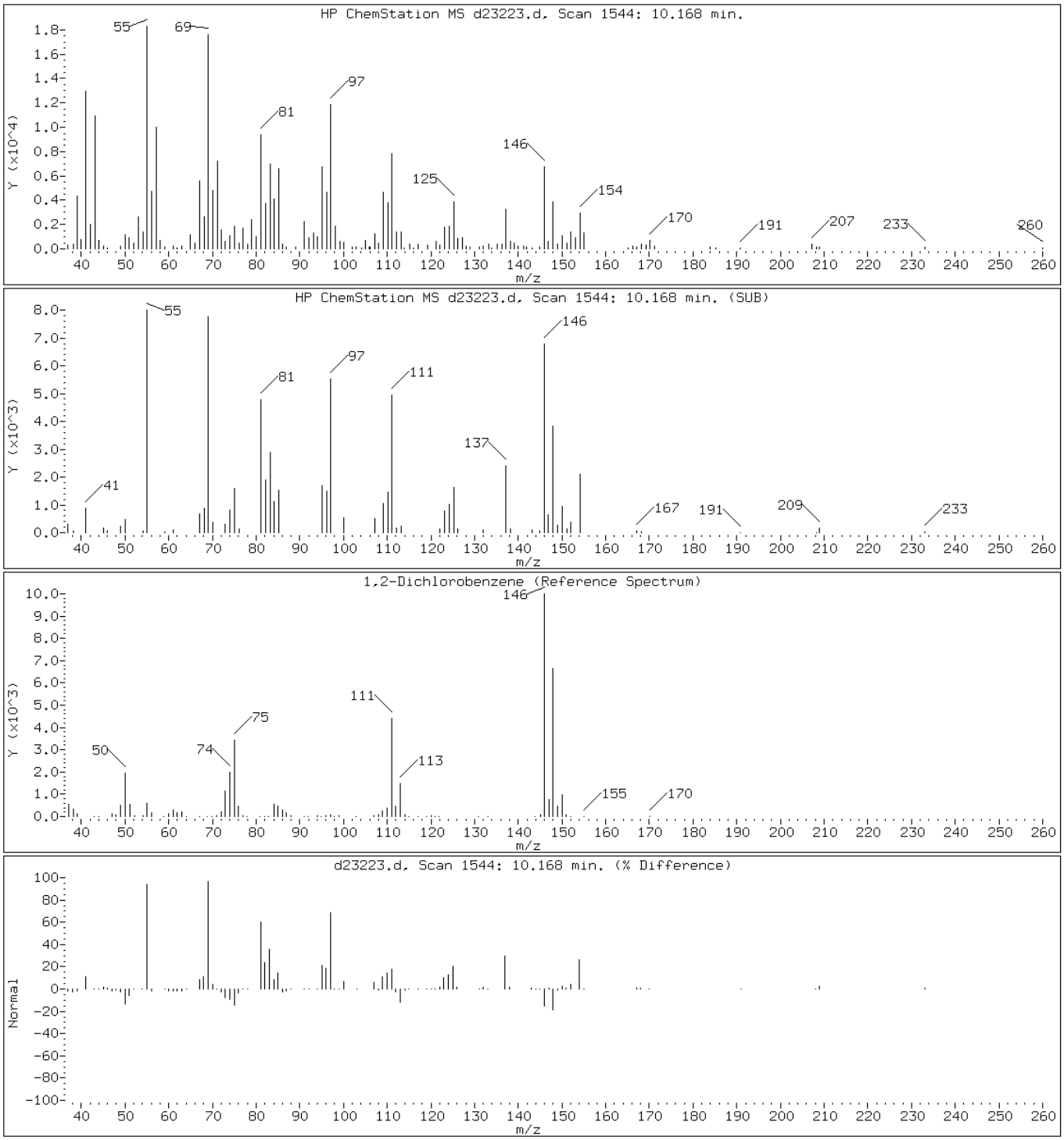
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

111 1,2-Dichlorobenzene



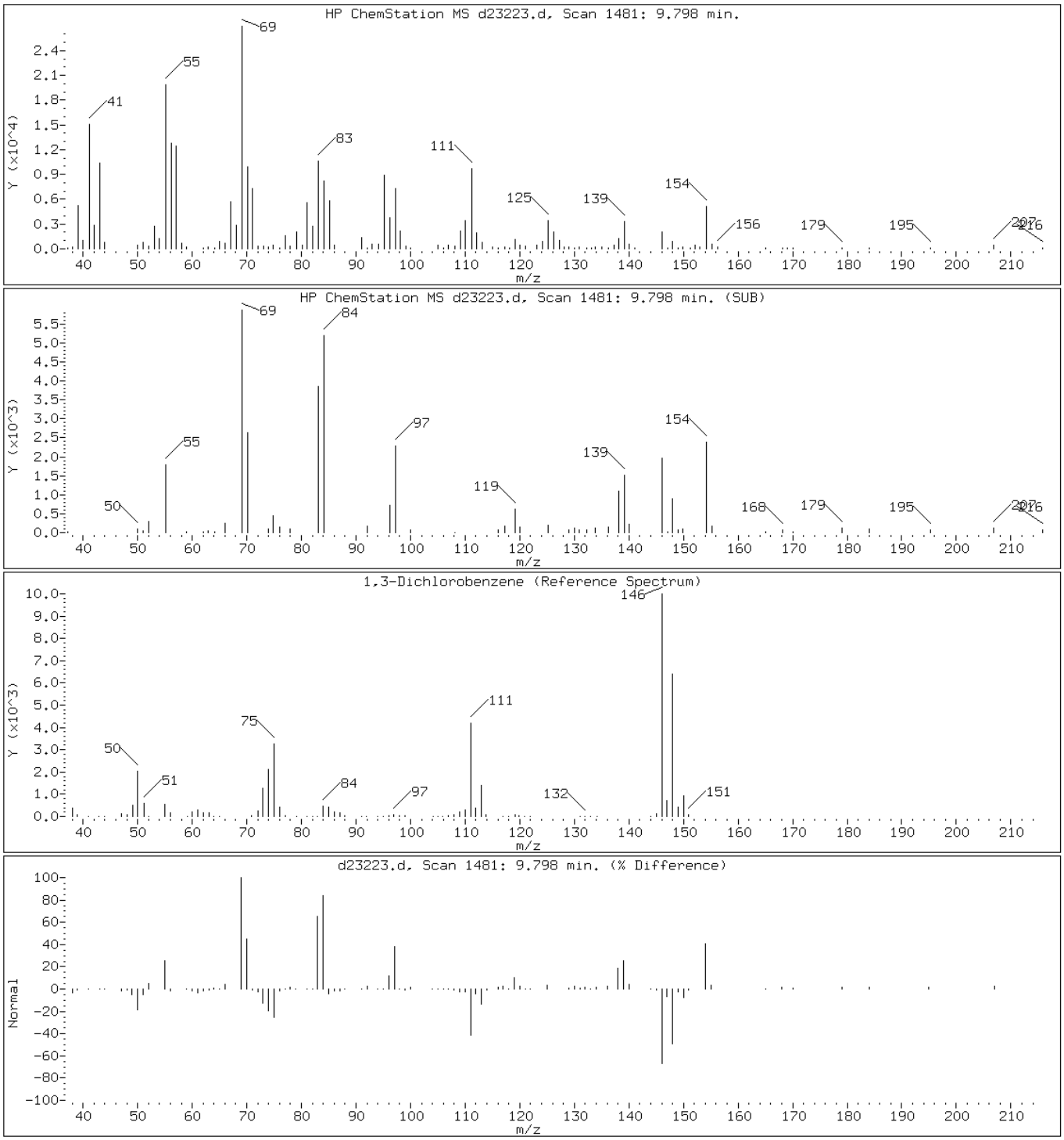
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

105 1,3-Dichlorobenzene



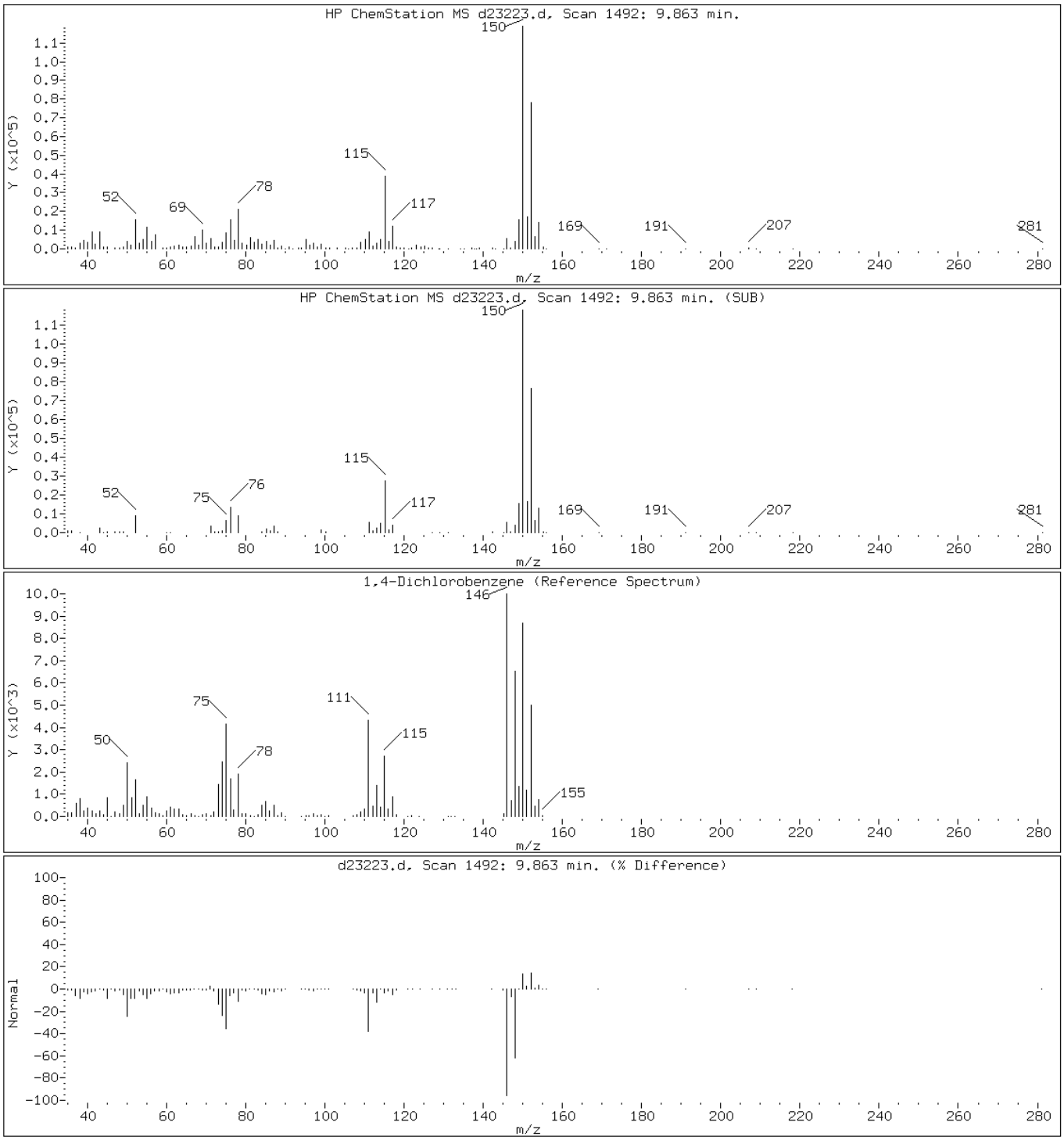
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

109 1,4-Dichlorobenzene



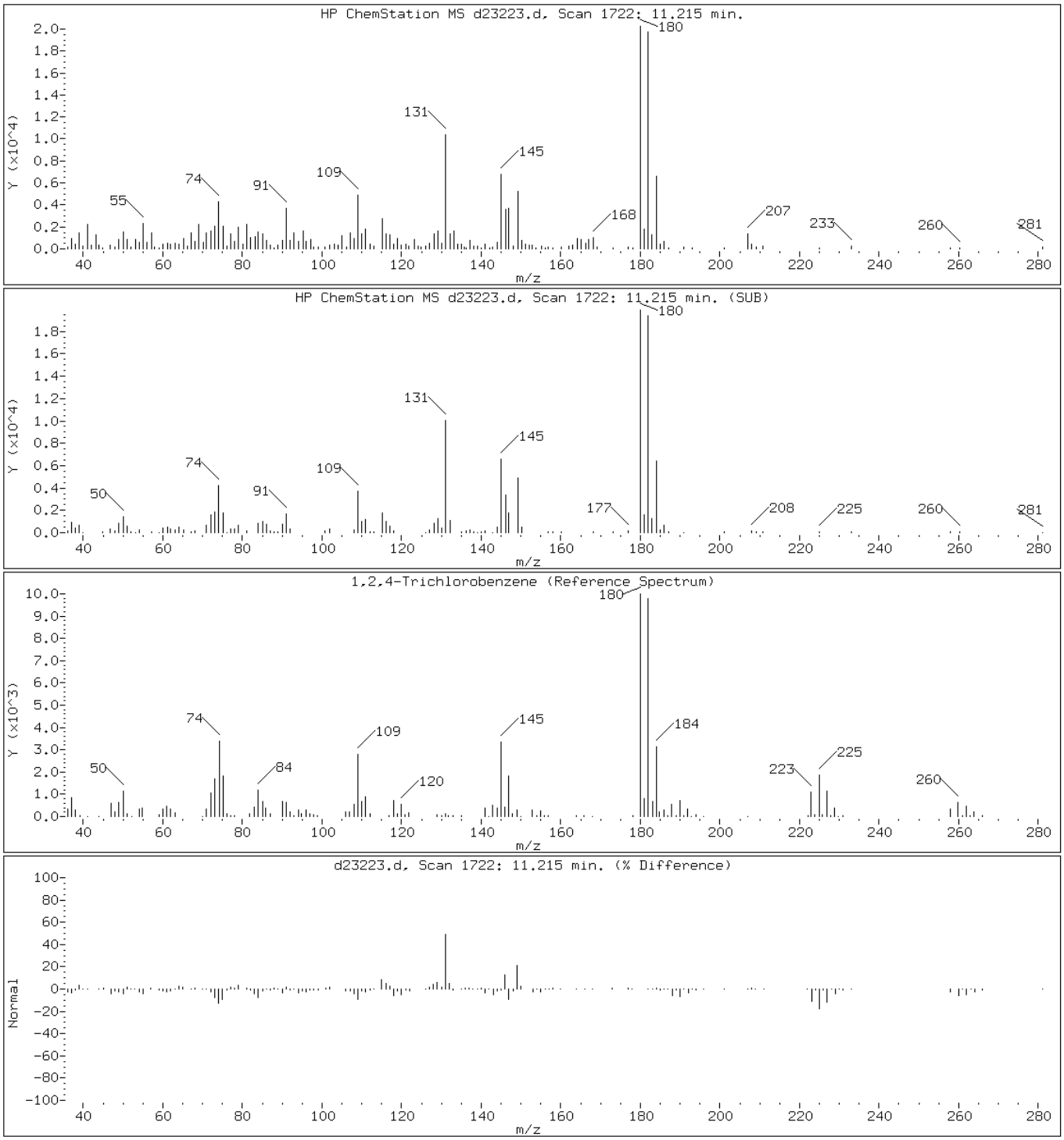
Data File: d23223.d

Date: 09-AUG-2012 15:31

Client ID: 20120731FD Instrument: VOAMS4.i

Sample Info: 460-42971-B-16-A;100;;5.08;10 Operator:

114 1,2,4-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731TB | Lab Sample ID: 460-42971-17

Matrix: Water | Lab File ID: k02962.d

Analysis Method: 8260B | Date Collected: 07/31/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/02/2012 16:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122264 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
179601-23-1	m&p-Xylene	0.25	U	2.0	0.25
95-47-6	o-Xylene	0.13	U	1.0	0.13
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731TB | Lab Sample ID: 460-42971-17

Matrix: Water | Lab File ID: k02962.d

Analysis Method: 8260B | Date Collected: 07/31/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/02/2012 16:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122264 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	92		70-130

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02962.d
Report Date: 03-Aug-2012 07:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02962.d
Lab Smp Id: 460-42971-A-17 Client Smp ID: 20120731TB
Inj Date : 02-AUG-2012 16:21
Operator : Inst ID: VOAMS9.i
Smp Info : 460-42971-A-17
Misc Info : 460-42971-A-17
Comment :
Method : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/8260_09.m
Meth Date : 02-Aug-2012 09:49 desais Quant Type: ISTD
Cal Date : 23-JUL-2012 23:59 Cal File: k02515.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.163	5.163	(0.950)	135924	55.9242	56
* 52 Fluorobenzene	96	5.435	5.435	(1.000)	473413	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.115	7.115	(0.799)	386184	47.8368	48
* 78 Chlorobenzene-d5	117	8.907	8.907	(1.000)	332586	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.143	10.143	(0.922)	147323	45.8021	46
* 108 1,4-Dichlorobenzene-d4	152	11.004	11.005	(1.000)	182615	50.0000	

Data File: k02962.d

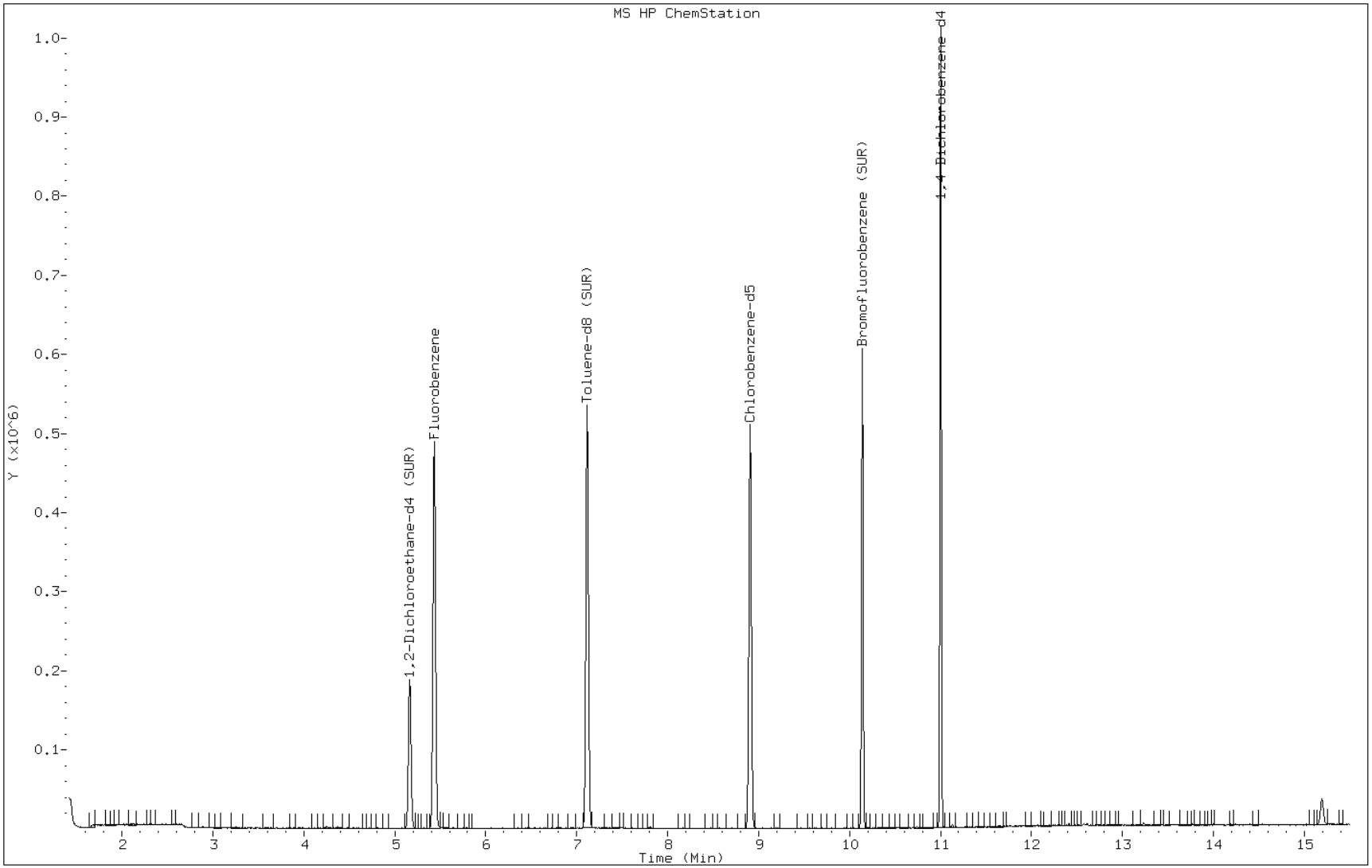
Date: 02-AUG-2012 16:21

Client ID: 20120731TB

Instrument: VOAMS9.i

Sample Info: 460-42971-A-17

Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-121151/2	o62499.d
Level 2	IC 460-121151/3	o62501.d
Level 3	ICIS 460-121151/4	o62502.d
Level 4	IC 460-121151/5	o62503.d
Level 5	IC 460-121151/6	o62504.d
Level 6	IC 460-121151/7	o62505.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4226 0.3784	0.3747	0.4161	0.4127	0.3694	Ave		0.3957				6.1		15.0			
Chloromethane	0.5988 0.4457	0.4348	0.4344	0.4484	0.4463	Ave		0.4681			0.1000	13.7		15.0			
Vinyl chloride	0.4737 0.4193	0.3219	0.4254	0.4353	0.4243	LinF		0.4201							1.0000		0.9900
Bromomethane	0.3537 0.2507	0.2360	0.2184	0.2134	0.2309	LinF		0.2478							0.9986		0.9900
Chloroethane	0.2513 0.2211	0.1850	0.2139	0.1869	0.2194	Ave		0.2129				11.6		15.0			
Dichlorofluoromethane	0.7492 0.6498	0.6085	0.7203	0.6900	0.6298	Ave		0.6746				8.1		15.0			
Trichlorofluoromethane	0.6760 0.5687	0.5284	0.5701	0.5686	0.5540	Ave		0.5776				8.8		15.0			
n-Pentane	0.1733 0.1756	0.1515	0.1784	0.1768	0.1664	Ave		0.1703				5.9		15.0			
Ethanol	0.0020 0.0018	0.0016	0.0015	0.0017	0.0015	Ave		0.0017				10.6		15.0			
Ethyl ether	0.2830 0.2511	0.2769	0.2669	0.2657	0.2473	Ave		0.2652				5.3		15.0			
Isopropene	0.4657 0.5468	0.4712	0.5656	0.5687	0.5448	Ave		0.5271				8.8		15.0			
Acrolein	0.0467 0.0391	0.0424	0.0412	0.0427	0.0380	Ave		0.0417				7.3		15.0			
1,1-Dichloroethene	0.3289 0.2947	0.2903	0.3102	0.3069	0.2885	Ave		0.3032				5.1		30.0			
Freon TF	0.3739 0.3906	0.3591	0.4144	0.4009	0.3711	Ave		0.3850				5.4		15.0			
Acetone	0.1249 0.0740	0.0971	0.0895	0.0860	0.0747	QuaF		13.049	0.3149						0.9999		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.4829 0.4584	0.3976	0.4831	0.4882	0.4607	Ave		0.4618				7.3		15.0			
Carbon disulfide	1.0742 1.1736	0.9010	1.1087	1.1188	1.1027	Ave		1.0798				8.7		15.0			
Acetonitrile	0.0926 0.0682	0.0726	0.0758	0.0746	0.0674	Ave		0.0752				12.2		15.0			
Methyl acetate	0.0641 0.0583	0.0623	0.0551	0.0538	0.0547	Ave		0.0580				7.4		15.0			
Methylene Chloride	0.6808 0.3264	0.3725	0.3591	0.3528	0.3238	LinF		0.3264							0.9999		0.9900
TBA	0.0419 0.0314	0.0319	0.0291	0.0312	0.0292	Ave		0.0325				14.7		15.0			
trans-1,2-Dichloroethene	0.4247 0.3562	0.3688	0.3846	0.3741	0.3499	Ave		0.3764				7.1		15.0			
Acrylonitrile	0.1183 0.1094	0.1037	0.1031	0.1038	0.0989	Ave		0.1062				6.4		15.0			
MTBE	0.8384 0.8891	0.8249	0.8199	0.8611	0.8427	Ave		0.8460				3.0		15.0			
Hexane	0.2566 0.3110	0.2673	0.2921	0.3167	0.3031	Ave		0.2912				8.3		15.0			
1,1-Dichloroethane	0.7303 0.6069	0.6451	0.6456	0.6443	0.6004	Ave		0.6454			0.1000	7.2		15.0			
Vinyl acetate	1.4478 1.5550	1.4598	1.3907	1.5367	1.5412	Ave		1.4885				4.4		15.0			
DIPE	1.0135 1.1396	1.0253	1.0237	1.0876	1.1077	Ave		1.0662				4.9		15.0			
Tert-butyl ethyl ether	0.8277 0.9945	0.8364	0.8765	0.9346	0.9430	Ave		0.9021				7.3		15.0			
2,2-Dichloropropane	0.6985 0.5334	0.5211	0.5453	0.5541	0.5328	Ave		0.5642				11.8		15.0			
cis-1,2-Dichloroethene	0.4476 0.3932	0.3939	0.4193	0.4138	0.3904	Ave		0.4097				5.4		15.0			
2-Butanone	0.0432 0.0328	0.0343	0.0363	0.0305	0.0346	Ave		0.0353				12.2		15.0			
Ethyl acetate	0.0241 0.0281	0.0279	0.0234	0.0266	0.0268	Ave		0.0262				7.5		15.0			
Bromochloromethane	0.2250 0.1691	0.1889	0.1818	0.1807	0.1680	Ave		0.1856				11.3		15.0			
Tetrahydrofuran	0.2538 0.0941	0.1317	0.0984	0.1026	0.0890	LinF		0.0935							0.9993		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.7381 0.5769	0.6233	0.6277	0.6257	0.5762	Ave		0.6280				9.4		30.0			
1,1,1-Trichloroethane	0.5445 0.5507	0.5048	0.5604	0.5647	0.5499	Ave		0.5458				3.9		15.0			
Cyclohexane	0.7414 0.6827	0.6748	0.7335	0.7192	0.6601	Ave		0.7019				4.8		15.0			
Carbon tetrachloride	0.4180 0.4827	0.4147	0.4660	0.4743	0.4736	Ave		0.4549				6.7		15.0			
1,1-Dichloropropene	0.4783 0.5372	0.5129	0.5535	0.5637	0.5294	Ave		0.5292				5.8		15.0			
Benzene	1.3667 1.4293	1.3780	1.4261	1.4688	1.4263	Ave		1.4158				2.7		15.0			
1,2-Dichloroethane	0.4565 0.3761	0.4151	0.4038	0.3972	0.3745	Ave		0.4039				7.5		15.0			
Isopropyl acetate	0.4911 0.6455	0.5274	0.5235	0.5946	0.6112	Ave		0.5655				10.6		15.0			
Tert-amyl methyl ether	0.6867 0.8727	0.7031	0.7267	0.7801	0.8155	Ave		0.7641				9.4		15.0			
2,4,4-Trimethyl-1-pentene	0.2240 0.3061	0.2317	0.2862	0.2988	0.2937	Ave		0.2734				13.2		15.0			
Trichloroethene	0.3128 0.3709	0.3583	0.3633	0.3805	0.3639	Ave		0.3583				6.6		15.0			
n-Butanol	0.0045 0.0051	0.0040	0.0037	0.0042	0.0041	Ave		0.0043				11.2		15.0			
Ethyl acrylate	0.0109 0.0169	0.0151	0.0153	0.0156	0.0153	Ave		0.0149				13.8		15.0			
Methylcyclohexane	0.5759 0.7261	0.6200	0.7346	0.7332	0.7044	Ave		0.6824				9.9		15.0			
1,2-Dichloropropane	0.3312 0.3331	0.3362	0.3269	0.3400	0.3306	Ave		0.3330				1.4		30.0			
Dibromomethane	0.1944 0.1735	0.1859	0.1820	0.1860	0.1739	Ave		0.1826				4.4		15.0			
Methyl methacrylate	0.1816 0.1971	0.1763	0.1710	0.1877	0.1867	Ave		0.1834				5.0		15.0			
1,4-Dioxane	0.0042 0.0033	0.0046	0.0039	0.0037	0.0035	Ave		0.0039				12.3		15.0			
Propyl acetate	0.2025 0.1939	0.1733	0.1599	0.1819	0.1852	Ave		0.1828				8.2		15.0			
Bromodichloromethane	0.4226 0.4369	0.3976	0.4132	0.4362	0.4299	Ave		0.4228				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloroethyl vinyl ether	0.1497 0.1842	0.1615	0.1607	0.1784	0.1747	Ave		0.1682				7.7		15.0			
Epichlorohydrin	0.0280 0.0272	0.0264	0.0272	0.0287	0.0264	Ave		0.0273				3.2		15.0			
cis-1,3-Dichloropropene	0.4120 0.5369	0.4632	0.4999	0.5336	0.5306	Ave		0.4960				10.0		15.0			
2-Nitropropane	0.1193 0.1251	0.1103	0.1137	0.1227	0.1246	Ave		0.1193				5.1		15.0			
4-Methyl-2-pentanone	0.2261 0.2528	0.2464	0.2192	0.2477	0.2557	Ave		0.2413				6.2		15.0			
Toluene	2.1926 2.0186	2.1865	2.0249	2.0833	2.0064	Ave		2.0854				4.1		30.0			
trans-1,3-Dichloropropene	0.4176 0.6155	0.4764	0.5163	0.6016	0.6042	LinF		0.6137							0.9999		0.9900
1,1,2-Trichloroethane	0.2571 0.2858	0.2872	0.2724	0.2977	0.2867	Ave		0.2811				5.1		15.0			
Tetrachloroethene	0.5442 0.5869	0.5636	0.5808	0.5879	0.5824	Ave		0.5743				3.0		15.0			
1,3-Dichloropropane	0.5593 0.6002	0.5921	0.5946	0.6322	0.6054	Ave		0.5973				3.9		15.0			
2-Hexanone	0.2029 0.2331	0.2209	0.2101	0.2274	0.2278	Ave		0.2204				5.3		15.0			
Dibromochloromethane	0.2976 0.4456	0.3540	0.3686	0.4222	0.4325	Ave		0.3867				14.7		15.0			
Butyl acetate	0.6565 0.5383	0.5318	0.5002	0.5274	0.5155	Ave		0.5449				10.3		15.0			
1,2-Dibromoethane	0.3002 0.3542	0.3272	0.3354	0.3585	0.3516	Ave		0.3379				6.5		15.0			
Chlorobenzene	1.3171 1.2998	1.2886	1.2798	1.3265	1.2811	Ave		1.2988			0.3000	1.5		15.0			
1,1,1,2-Tetrachloroethane	0.3073 0.4686	0.3545	0.3952	0.4380	0.4614	LinF		0.4673							0.9998		0.9900
Ethylbenzene	0.6735 0.7285	0.7312	0.7223	0.7490	0.7106	Ave		0.7192				3.6		30.0			
m&p-Xylene	0.8350 0.9100	0.9154	0.9021	0.9216	0.8771	Ave		0.8935				3.6		15.0			
o-Xylene	0.9114 0.8687	0.8785	0.8901	0.8945	0.8513	Ave		0.8824				2.4		15.0			
Styrene	1.3648 1.4902	1.4763	1.4555	1.4982	1.4396	Ave		1.4541				3.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl acrylate	1.2893 1.3171	1.1379	1.1257	1.1651	1.1854	Ave		1.2034				6.7		15.0			
Bromoform	0.1726 0.3080	0.2168	0.2221	0.2672	0.2902	QuaF		3.6023	-0.116		0.1000				0.9999		0.9900
Amly acetate	0.3449 0.3778	0.3425	0.3296	0.3524	0.3497	Ave		0.3495				4.6		15.0			
Isopropylbenzene	2.2993 2.4071	2.3720	2.3929	2.4623	2.3382	Ave		2.3786				2.4		15.0			
Camphene, Total	0.3476 0.3730	0.2943	0.3283	0.3510	0.3489	Ave		0.3405				7.8		15.0			
Monobromobenzene	1.0258 1.0550	0.9993	0.9909	1.0073	0.9897	Ave		1.0113				2.5		15.0			
1,1,2,2-Tetrachloroethane	0.6669 0.8212	0.7366	0.7089	0.7871	0.7914	Ave		0.7520			0.3000	7.7		15.0			
1,2,3-Trichloropropane	0.2190 0.2436	0.2249	0.2179	0.2300	0.2361	Ave		0.2286				4.4		15.0			
trans-1,4-Dichloro-2-butene	0.0985 0.0971	0.0782	0.0847	0.0922	0.0919	Ave		0.0904				8.5		15.0			
N-Propylbenzene	4.1547 5.3170	4.9974	4.9967	5.0752	4.9990	Ave		4.9233				8.0		15.0			
2-Chlorotoluene	2.5489 2.8996	2.7827	2.7496	2.7981	2.7451	Ave		2.7540				4.2		15.0			
p-Ethyltoluene	1.9865 1.7705	1.7967	1.9075	1.8391	1.6687	Ave		1.8282				6.1		15.0			
4-Chlorotoluene	2.6256 3.0410	2.8609	2.7633	2.8299	2.8042	Ave		2.8208				4.8		15.0			
1,3,5-Trimethylbenzene	3.1521 3.6112	3.2801	3.3746	3.4386	3.4432	Ave		3.3833				4.6		15.0			
Butyl Methacrylate	0.7275 1.1990	0.8597	0.9732	1.0730	1.1195	LinF		1.1875							0.9990		0.9900
tert-Butylbenzene	2.7643 3.3122	3.1483	3.1640	3.2064	3.2007	Ave		3.1326				6.0		15.0			
1,2,4-Trimethylbenzene	3.1253 3.6051	3.3214	3.3714	3.4559	3.4797	Ave		3.3931				4.8		15.0			
sec-Butylbenzene	4.3029 5.0218	4.6974	4.7364	4.8463	4.8591	Ave		4.7440				5.1		15.0			
1,3-Dichlorobenzene	1.9208 2.0602	2.0652	2.0360	2.0406	1.9734	Ave		2.0160				2.8		15.0			
1,4-Dichlorobenzene	1.9924 2.0660	2.0147	1.9743	2.0135	1.9723	Ave		2.0055				1.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
p-Isopropyltoluene	3.3877 4.2446	3.8346	3.9961	4.0493	4.0824	Ave		3.9324				7.6		15.0			
Benzyl chloride	0.9207 1.6160	0.9617	1.1876	1.3745	1.4909	LinF		1.5978							0.9985		0.9900
1,2-Dichlorobenzene	1.9123 1.8678	1.9153	1.8538	1.8999	1.8377	Ave		1.8811				1.7		15.0			
1,4-Diethylbenzene	1.2304 1.0530	1.0375	1.1499	1.1126	1.0220	Ave		1.1009				7.3		15.0			
n-Butylbenzene	3.9130 4.5930	4.3683	4.5099	4.5306	4.4634	Ave		4.3964				5.7		15.0			
1,2-Dibromo-3-Chloropropane	0.2443 0.1679	0.1500	0.1543	0.1671	0.1706	LinF		0.1683							0.9999		0.9900
1,2,4,5-Tetramethylbenzene	1.7605 1.5148	1.5515	1.6668	1.6491	1.5510	Ave		1.6156				5.8		15.0			
Camphor	0.0858 0.0878	0.0801	0.0779	0.0878	0.0882	Ave		0.0846				5.3		15.0			
1,2,4-Trichlorobenzene	1.5640 1.5143	1.5817	1.5445	1.5793	1.4744	Ave		1.5430				2.7		15.0			
Hexachlorobutadiene	0.8483 1.0200	0.9647	0.9921	1.0268	1.0132	Ave		0.9775				6.9		15.0			
Naphthalene	2.9291 2.9837	3.0496	2.9889	3.1378	2.9212	Ave		3.0017				2.7		15.0			
1,2,3-Trichlorobenzene	1.3727 1.3622	1.4474	1.4139	1.4389	1.3387	Ave		1.3956				3.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2310 0.1901	0.2058	0.2119	0.1972	0.1966	Ave		0.2054				7.1		15.0			
Toluene-d8 (Surr)	0.9823 0.9975	1.0130	1.0576	1.0075	1.0271	Ave		1.0142				2.6		15.0			
Bromofluorobenzene	0.6628 0.7304	0.6907	0.7265	0.6835	0.7088	Ave		0.7005				3.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-121151/2	o62499.d
Level 2	IC 460-121151/3	o62501.d
Level 3	ICIS 460-121151/4	o62502.d
Level 4	IC 460-121151/5	o62503.d
Level 5	IC 460-121151/6	o62504.d
Level 6	IC 460-121151/7	o62505.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5419 3062936	28316	121952	314333	1179938	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7677 3607633	32856	127295	341511	1425616	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	LinF	6073 3393773	24325	124661	331517	1355349	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	4535 2028883	17830	63992	162491	737556	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3222 1789915	13981	62688	142321	700833	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	9606 5259568	45978	211072	525475	2011875	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	8667 4602939	39924	167055	433030	1769643	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	2222 1420972	11448	52273	134675	531424	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	25620 176191	48998	67121	102706	123174	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	3628 2032821	20921	78215	202368	790143	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	5971 4425668	35602	165750	433137	1740434	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	59834 379475	128020	181169	259987	303853	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	4217 2385160	21937	90895	233734	921671	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	4794 3161222	27130	121442	305315	1185456	1.00 500	5.00	20.0	50.0	200
Acetone	FB	QuaF	16010 1197911	22012	26222	65490	238509	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	6191 3710369	30043	141583	371805	1471862	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	13773 9499499	68078	324892	852050	3522741	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	23749 11033764	109779	444155	1136554	4307593	20.0 10000	100	400	1000	4000
Methyl acetate	FB	Ave	822 471520	4706	16149	40982	174726	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	LinF	8729 2641985	28149	105248	268648	1034518	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	10753 5090230	48248	170494	474993	1866204	20.0 10000	100	400	1000	4000
trans-1,2-Dichloroethene	FB	Ave	5445 2882846	27869	112705	284918	1117659	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	75820 531239	156746	226508	316136	395104	50.0 300	100	150	200	250
MTBE	FB	Ave	10750 7196426	62332	240282	655778	2692151	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3290 2517395	20200	85602	241229	968339	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9364 4912115	48741	189185	490682	1918047	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	18563 12586152	110301	407559	1170352	4923332	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	12995 9224159	77468	300006	828321	3538728	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	10613 8049386	63199	256870	711740	3012435	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	8956 4317270	39377	159795	421987	1701954	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5739 3182239	29763	122870	315136	1247047	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	5533 530898	7775	10648	23261	110390	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	617 454526	4222	13724	40537	171317	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	2885 1368441	14271	53263	137643	536529	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	3254 761262	9949	28848	78162	284381	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	9463 4669644	47097	183937	476556	1840635	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6981 4457034	38140	164213	430101	1756573	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	9506 5525620	50987	214964	547692	2108702	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5360 3907011	31331	136568	361241	1513077	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6132 4348249	38758	162208	429290	1691346	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	17523 11568760	104120	417915	1118605	4556323	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5853 3044371	31364	118320	302516	1196478	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	12594 10449033	79694	306824	905687	3904909	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	8805 7063940	53124	212969	594070	2605162	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	2872 2477312	17507	83877	227564	938246	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4011 3001825	27074	106467	289773	1162458	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	28878 246896	60741	81190	127784	164171	500 3000	1000	1500	2000	2500
Ethyl acrylate	FB	Ave	140 137160	1139	4471	11905	48816	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	7384 5876755	46848	215275	558363	2250385	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4247 2696386	25401	95801	258949	1056005	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2492 1404544	14045	53335	141682	555481	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2329 1595304	13325	50107	142957	596292	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	2693 105748	6895	8567	11205	14036	50.0 2000	100	150	200	250
Propyl acetate	FB	Ave	5192 3138106	26189	93742	277077	1182988	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	5419 3536356	30046	121092	332215	1373402	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1919 1490960	12201	47087	135831	558044	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	7168 4401995	39935	159137	436616	1685841	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	5283 4345948	34999	146501	406358	1694988	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Nitropropane	FB	Ave	3060 2025081	16662	66627	186948	796322	2.00 1000	10.0	40.0	100	400
4-Methyl-2-pentanone	FB	Ave	28988 4091882	55860	64244	188629	816778	10.0 1000	15.0	20.0	50.0	200
Toluene	CBZ	Ave	23420 12408228	125905	455309	1186897	4839749	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	LinF	4461 3783179	27435	116091	342729	1457519	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2746 1756488	16536	61260	169584	691623	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	5813 3607646	32452	130594	334921	1404909	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	5974 3689589	34094	133697	360147	1460237	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	21675 2865409	38166	47250	129539	549478	10.0 1000	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3179 2738888	20383	82873	240544	1043197	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	14025 6617475	61243	224932	600921	2486933	2.00 1000	10.0	40.0	100	400
1,2-Dibromoethane	CBZ	Ave	3207 2176935	18844	75428	204244	848073	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	14069 7989510	74200	287785	755732	3090197	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	LinF	3282 2880635	20414	88871	249542	1112888	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	7194 4477841	42104	162422	426722	1714149	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	17839 11186996	105422	405672	1050089	4231460	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	9735 5339974	50589	200152	509629	2053431	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	14578 9160176	85010	327287	853555	3472433	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	Ave	8783 4374398	38136	147722	387871	1586008	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	QuaF	1844 1893446	12486	49942	152210	700064	1.00 500	5.00	20.0	50.0	200
Amly acetate	CBZ	Ave	3684 2322117	19720	74103	200743	843560	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	24560 14796183	136589	538071	1402776	5639939	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Camphene, Total	DCB	Ave	2368 1238713	9863	43088	116837	466839	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	6988 3503932	33492	130030	335347	1324113	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4543 2727272	24686	93026	262041	1058832	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1492 809077	7538	28595	76572	315899	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	1263 785946	5907	24813	70199	293428	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	28303 17658372	167490	655708	1689582	6688169	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	17364 9630015	93263	360830	931500	3672758	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	25470 14330310	135756	559005	1400593	5330731	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	17886 10099611	95884	362631	942085	3751822	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	21473 11993446	109934	442843	1144754	4606679	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	4956 3981955	28814	127712	357214	1497842	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	18831 11000237	105516	415203	1067427	4282184	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	21290 11973151	111318	442431	1150491	4655532	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	29312 16678037	157436	621551	1613366	6501057	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	13085 6842232	69217	267180	679334	2640200	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	13573 6861321	67525	259080	670308	2638697	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	23078 14096749	128519	524406	1348040	5461851	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	6272 5366823	32233	155845	457572	1994718	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	13027 6203377	64192	243268	632494	2458643	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	Ave	15776 8523322	78391	336983	847336	3264878	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	26656 15253988	146405	591827	1508271	5971682	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121151

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/21/2012 00:10 Calibration End Date: 07/21/2012 02:40 Calibration ID: 16505

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromo-3-Chloropropane	DCB	LinF	1664 557615	5026	20254	55635	228308	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	Ave	22572 12260583	117228	488471	1255892	4954775	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	2923 1457785	13429	51136	146135	590304	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	10654 5029296	53010	202686	525762	1972547	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	5779 3387596	32333	130194	341836	1355610	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	19954 9909416	102208	392236	1044605	3908290	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	9351 4524205	48509	185541	479025	1791090	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	148085 153887	155508	155225	150173	157043	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	524620 613129	583324	594535	573965	619349	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	225764 242565	231502	238339	227557	237064	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123076/2	d23152.d
Level 2	IC 460-123076/3	d23153.d
Level 3	ICIS 460-123076/4	d23154.d
Level 4	IC 460-123076/5	d23155.d
Level 5	IC 460-123076/6	d23156.d
Level 6	IC 460-123076/7	d23157.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.0785 0.2015	0.2055	0.1458	0.2157	0.2146	LinF		0.2035							0.9990		0.9900
Chloromethane	0.3189 0.2563	0.3224	0.2789	0.2810	0.2937	Ave		0.2919			0.1000	8.7		15.0			
Vinyl chloride	0.2192 0.2915	0.2717	0.2312	0.2998	0.2527	Ave		0.2610				12.4		30.0			
Bromomethane	0.2074 0.2202	0.2146	0.2274	0.2257	0.2357	Ave		0.2218				4.5		15.0			
Chloroethane	0.1292 0.1095	0.1201	0.1138	0.1087	0.1150	Ave		0.1161				6.6		15.0			
n-Pentane	0.0182 0.0256	0.0357	0.0290	0.0267	0.0304	LinF		0.0264							0.9942		0.9900
Trichlorofluoromethane	0.1954 0.2336	0.3102	0.2484	0.2517	0.2656	LinF		0.2386							0.9967		0.9900
Dichlorofluoromethane	0.4320 0.3227	0.3941	0.3164	0.3125	0.3542	Ave		0.3553				13.7		15.0			
Isopropene	0.2873 0.3147	0.3643	0.3141	0.3293	0.3572	Ave		0.3278				8.8		15.0			
Ethyl ether	0.2778 0.2363	0.2922	0.2654	0.2514	0.2641	Ave		0.2645				7.4		15.0			
1,1-Dichloroethene	0.1513 0.1730	0.2013	0.2007	0.1931	0.1965	Ave		0.1860				10.7		30.0			
Ethanol	0.0015 0.0019	0.0015	0.0015	0.0015	0.0016	Ave		0.0016				11.0		15.0			
Carbon disulfide	0.6148 0.6361	0.6712	0.5876	0.6115	0.6951	Ave		0.6360				6.3		15.0			
Freon TF	0.0869 0.1659	0.1675	0.1263	0.1232	0.1433	LinF		0.1628							0.9957		0.9900
Iodomethane	0.4875 0.4252	0.5157	0.4560	0.4499	0.4962	Ave		0.4718				7.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclopentene	0.5685 0.5827	0.7375	0.6524	0.6215	0.7120	Ave		0.6458				10.6		15.0			
Acrolein	0.0410 0.0447	0.0461	0.0517	0.0464	0.0438	Ave		0.0456				7.8		15.0			
Isopropanol	0.0170 0.0182	0.0182	0.0185	0.0185	0.0176	Ave		0.0180				3.2		15.0			
Methylene Chloride	0.3299 0.2465	0.3069	0.2789	0.2737	0.2612	Ave		0.2828				10.8		15.0			
Acetone	0.0473 0.0261	0.0344	0.0543	0.0383	0.0285	QuaF		29.738	33.187						0.9986		0.9900
trans-1,2-Dichloroethene	0.2695 0.3201	0.3154	0.3079	0.2953	0.3019	Ave		0.3017				6.0		15.0			
Methyl acetate	0.6294 0.4890	0.6462	0.5706	0.5238	0.5275	Ave		0.5644				11.1		15.0			
Hexane	0.0837 0.1485	0.1758	0.1503	0.1399	0.1609	LinF		0.1503							0.9987		0.9900
MTBE	0.5944 0.4380	0.5637	0.4961	0.4931	0.4645	Ave		0.5083				11.7		15.0			
TBA	0.0252 0.0245	0.0280	0.0268	0.0257	0.0253	Ave		0.0259				4.9		15.0			
Acetonitrile	0.0062 0.0070	0.0055	0.0057	0.0068	0.0066	Ave		0.0063				9.7		15.0			
DIPE	0.8551 0.6110	0.8138	0.7341	0.7007	0.7157	Ave		0.7384				11.7		15.0			
1,1-Dichloroethane	0.4411 0.4603	0.5028	0.4927	0.4609	0.4788	Ave		0.4728			0.1000	4.9		15.0			
Acrylonitrile	0.0965 0.1086	0.1111	0.1172	0.1091	0.1111	Ave		0.1089				6.3		15.0			
Tert-butyl ethyl ether	0.3056 0.1987	0.3009	0.2729	0.2545	0.2323	LinF		0.2047							0.9941		0.9900
Vinyl acetate	0.7740 1.0179	1.2942	0.9394	0.9503	0.9304	LinF		1.0062							0.9986		0.9900
cis-1,2-Dichloroethene	0.2840 0.3307	0.3461	0.3535	0.3288	0.3420	Ave		0.3309				7.5		15.0			
2,2-Dichloropropane	0.2721 0.2350	0.2735	0.2764	0.2623	0.2542	Ave		0.2623				6.0		15.0			
Cyclohexane	0.2102 0.2428	0.3155	0.2628	0.2474	0.2811	Ave		0.2600				13.8		15.0			
Bromochloromethane	0.1631 0.1824	0.1820	0.1876	0.1804	0.1847	Ave		0.1800				4.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.4888 0.5144	0.5370	0.5233	0.5022	0.5248	Ave		0.5151				3.4		30.0			
Carbon tetrachloride	0.2541 0.3577	0.3175	0.3466	0.3315	0.3498	Ave		0.3262				11.7		15.0			
Ethyl acetate	0.0325 0.0351	0.0328	0.0333	0.0332	0.0371	Ave		0.0340				5.2		15.0			
Tetrahydrofuran	0.2371 0.1326	0.1631	0.1424	0.1305	0.1407	LinF		0.1338							0.9993		0.9900
1,1,1-Trichloroethane	0.2885 0.3207	0.3621	0.3617	0.3539	0.3579	Ave		0.3408				8.8		15.0			
1,1-Dichloropropene	0.3074 0.3850	0.3621	0.3833	0.3636	0.3948	Ave		0.3660				8.6		15.0			
2-Butanone	0.0373 0.0511	0.0388	0.0508	0.0498	0.0535	Ave		0.0469				14.9		15.0			
n-Heptane	0.1014 0.1317	0.1544	0.1287	0.1179	0.1417	Ave		0.1293				14.3		15.0			
Benzene	1.4868 1.4765	1.6106	1.5989	1.4954	1.5638	Ave		1.5386				3.9		15.0			
Propionitrile	0.0315 0.0445	0.0429	0.0377	0.0398	0.0448	Ave		0.0402				12.7		15.0			
Methacrylonitrile	0.2419 0.2523	0.2455	0.2453	0.2390	0.2639	Ave		0.2480				3.6		15.0			
Tert-amyl methyl ether	0.6885 +++++	0.7633	0.6799	0.6401	0.5824	Ave		0.6708				9.9		15.0			
1,2-Dichloroethane	0.3383 0.3487	0.3520	0.3574	0.3387	0.3566	Ave		0.3486				2.4		15.0			
Isobutyl alcohol	0.0103 0.0125	0.0116	0.0120	0.0122	0.0122	Ave		0.0118				6.8		15.0			
2,4,4-Trimethyl-1-pentene	0.0328 0.0255	0.0691	0.0577	0.0480	0.0379	QuaF		10.678	55.689						0.9989		0.9900
Isopropyl acetate	0.5500 0.5068	0.5359	0.5186	0.4929	0.5336	Ave		0.5229				4.0		15.0			
Methylcyclohexane	0.2203 0.3062	0.4440	0.3507	0.3261	0.3676	QuaF		2.3388	0.3010						0.9994		0.9900
Trichloroethene	0.2417 0.2962	0.2847	0.2987	0.2808	0.3110	Ave		0.2855				8.4		15.0			
Dibromomethane	0.1618 0.1960	0.1829	0.1947	0.1872	0.1968	Ave		0.1866				7.1		15.0			
n-Butanol	0.0031 0.0044	0.0038	0.0038	0.0039	0.0042	Ave		0.0039				10.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.2453 0.2679	0.2613	0.2709	0.2579	0.2694	Ave		0.2621				3.7		30.0			
Ethyl acrylate	0.2826 0.3576	0.3164	0.3126	0.3078	0.3570	Ave		0.3223				9.2		15.0			
Bromodichloromethane	0.2865 0.3937	0.3401	0.3646	0.3595	0.3912	Ave		0.3559				11.1		15.0			
Methyl methacrylate	0.0683 0.0929	0.0828	0.0831	0.0833	0.0946	Ave		0.0842				11.2		15.0			
1,4-Dioxane	0.0021 0.0046	0.0032	0.0037	0.0035	0.0040	QuaF		339.08	-4419						0.9932		0.9900
Propyl acetate	0.1299 0.1851	0.1710	0.1692	0.1623	0.1865	Ave		0.1673				12.3		15.0			
2-Nitropropane	0.0635 0.0567	0.0541	0.0500	0.0491	0.0579	Ave		0.0552				9.7		15.0			
2-Chloroethyl vinyl ether	0.1349 0.1869	0.1565	0.1633	0.1607	0.1888	Ave		0.1652				12.2		15.0			
cis-1,3-Dichloropropene	0.5071 0.6215	0.5544	0.6063	0.5868	0.6465	Ave		0.5871				8.5		15.0			
Toluene	1.7451 1.6099	1.7244	1.7112	1.5715	1.6806	Ave		1.6738				4.1		30.0			
Epichlorohydrin	0.0327 0.0389	0.0374	0.0390	0.0370	0.0413	Ave		0.0377				7.7		15.0			
Tetrachloroethene	0.3625 0.4627	0.4304	0.4867	0.4341	0.4850	Ave		0.4435				10.5		15.0			
4-Methyl-2-pentanone	0.3480 0.3688	0.3511	0.3579	0.3501	0.3972	Ave		0.3622				5.2		15.0			
trans-1,3-Dichloropropene	0.4340 0.5718	0.4783	0.5273	0.5002	0.5663	Ave		0.5130				10.4		15.0			
1,1,2-Trichloroethane	0.2806 0.2926	0.3068	0.3069	0.2865	0.3050	Ave		0.2964				3.9		15.0			
Ethyl methacrylate	0.2803 0.3939	0.3402	0.3304	0.3373	0.3989	Ave		0.3468				12.7		15.0			
Dibromochloromethane	0.3731 0.4600	0.4002	0.4310	0.4153	0.4669	Ave		0.4244				8.4		15.0			
1,3-Dichloropropane	0.5210 0.5660	0.5493	0.5843	0.5417	0.5920	Ave		0.5591				4.8		15.0			
1,2-Dibromoethane	0.3053 0.3874	0.3819	0.3847	0.3676	0.3928	Ave		0.3699				8.9		15.0			
Butyl acetate	0.0894 0.1072	0.1048	0.1073	0.1034	0.1160	Ave		0.1047				8.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.2215 0.2552	0.2405	0.2663	0.2444	0.2691	Ave		0.2495				7.1		15.0			
Chlorobenzene	1.0221 1.1156	1.0663	1.1233	1.0571	1.1333	Ave		1.0863			0.3000	4.1		15.0			
Ethylbenzene	0.4733 0.5514	0.5357	0.5889	0.5332	0.5834	Ave		0.5443				7.7		30.0			
1,1,1,2-Tetrachloroethane	0.3940 0.4337	0.3990	0.4401	0.4235	0.4569	Ave		0.4245				5.7		15.0			
m&p-Xylene	0.5752 0.6844	0.6746	0.7264	0.6724	0.7203	Ave		0.6756				8.0		15.0			
o-Xylene	0.5874 0.6890	0.6652	0.7292	0.6868	0.7313	Ave		0.6815				7.8		15.0			
Bromoform	0.2837 0.3535	0.3055	0.3209	0.3158	0.3536	Ave		0.3222			0.1000	8.5		15.0			
Styrene	0.9268 1.1681	1.0300	1.1590	1.1177	1.2198	Ave		1.1036				9.7		15.0			
Butyl acrylate	0.2110 0.2955	0.2387	0.2811	0.2740	0.3147	Ave		0.2692				14.1		15.0			
Isopropylbenzene	1.3486 1.8641	1.6960	1.9676	1.8250	1.9482	Ave		1.7749				13.0		15.0			
Camphene, Total	0.0944 0.1124	0.1298	0.1070	0.1006	0.1260	Ave		0.1117				12.5		15.0			
Amly acetate	0.5267 0.7646	0.6321	0.7003	0.6889	0.8044	Ave		0.6862				14.4		15.0			
Monobromobenzene	0.8939 1.0375	0.9702	0.9962	0.9619	1.0621	Ave		0.9870				6.1		15.0			
N-Propylbenzene	2.7350 4.1707	3.3764	4.1573	3.8215	4.3419	LinF		4.1921							0.9996		0.9900
1,1,2,2-Tetrachloroethane	0.7186 0.9335	0.8499	0.8850	0.8893	0.9313	Ave		0.8679			0.3000	9.2		15.0			
p-Ethyltoluene	1.0656 1.2953	1.2712	1.1649	1.1377	1.3398	Ave		1.2124				8.7		15.0			
2-Chlorotoluene	2.2963 2.8664	2.6718	2.7721	2.6423	2.9308	Ave		2.6966				8.3		15.0			
1,2,3-Trichloropropane	0.2438 0.2806	0.2720	0.2828	0.2678	0.2908	Ave		0.2730				6.0		15.0			
1,3,5-Trimethylbenzene	2.1657 3.1315	2.5355	3.0395	2.8555	3.2996	Ave		2.8379				14.8		15.0			
trans-1,4-Dichloro-2-butene	0.1952 0.2146	0.2083	0.2014	0.1931	0.2244	Ave		0.2062				5.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chlorotoluene	1.9260 2.5165	2.2756	2.4631	2.2845	2.5928	Ave		2.3431				10.3		15.0			
tert-Butylbenzene	1.4245 2.6955	2.0720	2.5896	2.4334	2.8314	LinF		2.7127							0.9994		0.9900
Butyl Methacrylate	0.6254 1.0815	0.8390	0.9372	0.9532	1.1656	LinF		1.0926							0.9987		0.9900
1,2,4-Trimethylbenzene	2.2697 3.1754	2.7445	3.1246	2.9323	3.2839	Ave		2.9217				12.7		15.0			
sec-Butylbenzene	1.8116 3.8676	2.9304	3.8481	3.5907	4.1453	LinF		3.9056							0.9990		0.9900
p-Isopropyltoluene	1.7507 3.3563	2.6844	3.2884	3.1283	3.5116	LinF		3.3764							0.9995		0.9900
1,3-Dichlorobenzene	1.5463 1.8252	1.7186	1.8603	1.6963	1.8657	Ave		1.7521				7.1		15.0			
1,4-Dichlorobenzene	1.6586 1.8434	1.7975	1.8870	1.7592	1.8752	Ave		1.8035				4.7		15.0			
Indan	1.0164 1.1465	1.2158	1.1189	1.0783	1.2058	Ave		1.1303				6.7		15.0			
1,4-Diethylbenzene	0.5091 0.7146	0.7619	0.6747	0.6457	0.7509	Ave		0.6762				13.8		15.0			
Benzyl chloride	0.2768 0.3856	0.3470	0.3472	0.3324	0.3997	Ave		0.3481				12.4		15.0			
n-Butylbenzene	3.4772 5.2299	4.4285	5.0855	4.7418	5.4640	LinF		5.2591							0.9995		0.9900
1,2-Dichlorobenzene	1.5821 1.7698	1.7790	1.8197	1.6758	1.8352	Ave		1.7436				5.5		15.0			
1,2,4,5-Tetramethylbenzene	0.8075 1.1531	1.1081	1.0672	1.0332	1.1951	Ave		1.0607				12.9		15.0			
1,2-Dibromo-3-Chloropropane	0.1241 0.1512	0.1291	0.1382	0.1307	0.1437	Ave		0.1362				7.4		15.0			
Hexachlorobutadiene	0.2754 0.5499	0.4748	0.5863	0.5462	0.6320	LinF		0.5625							0.9962		0.9900
1,2,4-Trichlorobenzene	0.9248 1.1905	1.1518	1.2274	1.1628	1.2281	Ave		1.1476				9.9		15.0			
Naphthalene	2.2953 2.5665	2.1335	2.3624	2.3123	2.3618	Ave		2.3386				6.0		15.0			
1,2,3-Trichlorobenzene	0.7894 0.9919	0.8632	0.9233	0.9218	0.9301	Ave		0.9033				7.7		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2412 0.2445	0.2479	0.2396	0.2377	0.2468	Ave		0.2430				1.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	1.1090 1.0726	1.1038	1.0891	1.0740	1.1005	Ave		1.0915				1.4		15.0			
Bromofluorobenzene	0.8624 0.9249	0.8563	0.8639	0.8687	0.9265	Ave		0.8838				3.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123076/2	d23152.d
Level 2	IC 460-123076/3	d23153.d
Level 3	ICIS 460-123076/4	d23154.d
Level 4	IC 460-123076/5	d23155.d
Level 5	IC 460-123076/6	d23156.d
Level 6	IC 460-123076/7	d23157.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	LinF	925 1248288	11823	35022	127779	526085	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	3757 1587614	18547	66977	166463	720044	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2582 1806006	15629	55518	177606	619500	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2443 1364174	12342	54603	133704	577886	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1522 678437	6911	27331	64398	281934	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	429 317744	4104	13942	31681	148862	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	LinF	2302 1447012	17843	59669	149120	651006	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	5089 1999241	22670	75998	185134	868239	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	3384 1949555	20955	75435	195089	875550	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	3272 1463756	16807	63748	148944	647405	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	1782 1071995	11582	48203	114427	481699	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	17665 142523	33460	53871	70932	95766	1000 6000	2000	3000	4000	5000
Carbon disulfide	FB	Ave	7242 3940456	38610	141123	362279	1703897	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	LinF	1024 1027593	9635	30333	73003	351233	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	5743 2634076	29662	109519	266569	1216399	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	6697 3609922	42424	156692	368175	1745517	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrolein	FB	Ave	1930 221530	10601	24826	54941	107344	4.00 400	20.0	40.0	100	200
Isopropanol	FB	Ave	200753 1352020	418106	666052	879080	1081036	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	3886 1527074	17651	66986	162166	640277	1.00 500	5.00	20.0	50.0	200
Acetone	FB	QuaF	2784 161768	5935	13052	22677	69828	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3175 1982840	18142	73938	174925	740067	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	7414 3029095	37173	137045	310323	1293193	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	986 920097	10112	36100	82899	394363	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	7002 2713048	32425	119153	292105	1138674	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	5946 3032859	32187	128927	304406	1240710	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	1453 862042	6288	27301	80792	321747	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	10073 3785322	46812	176310	415130	1754401	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5196 2851479	28923	118335	273080	1173882	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	2273 269007	12785	28142	64654	136180	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	LinF	3600 1230826	17311	65536	150773	569455	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	9118 6305758	74446	225612	563002	2280913	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3346 2048665	19908	84903	194812	838318	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3205 1455933	15733	66394	155398	623064	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	2476 1504222	18146	63118	146560	689113	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1921 1129968	10468	45058	106849	452770	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	5758 3186458	30892	125668	297506	1286569	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2993 2215758	18262	83241	196418	857401	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl acetate	FB	Ave	766 434397	3771	16012	39344	182017	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	LinF	2793 821446	9380	34208	77288	344813	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3398 1986546	20828	86874	209672	877344	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	3621 2384802	20831	92063	215395	967880	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2196 316806	6698	12202	29518	131193	5.00 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	1194 815770	8880	30905	69821	347342	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	11780 6857454	64456	269241	633509	2757870	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	741 551844	4936	18123	47173	219464	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	2849 1562750	14124	58910	141601	647038	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	8110 +++++	43907	163290	379202	1427742	1.00 +++++	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	3985 2160110	20246	85834	200632	874138	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	FB	Ave	120995 928398	267006	431972	576188	750210	1000 6000	2000	3000	4000	5000
2,4,4-Trimethyl-1-pentene	FB	QuaF	772 315562	7952	27693	56928	185884	2.00 1000	10.0	40.0	100	400
Isopropyl acetate	FB	Ave	12957 6278573	61652	249083	584007	2616194	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	QuaF	2595 1896575	25540	84223	193199	901123	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	2847 1834882	16379	71746	166356	762302	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1906 1213983	10522	46763	110931	482444	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	18549 163563	44174	69175	92648	127330	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	2890 1659372	15028	65064	152786	660499	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3329 2215040	18200	75083	182371	875132	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	3375 2438945	19565	87563	213001	959067	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl methacrylate	FB	Ave	804 575749	4761	19968	49329	231856	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	QuaF	1232 17026	3631	6668	8268	12342	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	3061 2293685	19669	81278	192320	914270	2.00 1000	10.0	40.0	100	400
2-Nitropropane	FB	Ave	1495 701942	6221	24039	58153	283708	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1589 1157862	9000	39217	95184	462784	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	4018 2886660	22189	102102	248574	1140122	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	13827 7477236	69010	288154	665751	2963990	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	5180 3614701	29942	131496	313380	1457943	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	2872 2148901	17224	81957	183893	855260	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	13788 1712730	42157	60274	148310	700541	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	3439 2655619	19142	88789	211897	998726	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2223 1358840	12277	51673	121392	537833	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	3302 2440332	19571	79363	199825	977781	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2956 2136441	16015	72577	175945	823491	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4128 2628771	21982	98395	229490	1044127	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2419 1799164	15283	64778	155712	692768	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	1416 995993	8392	36135	87596	409059	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	8776 1185410	28874	44851	103554	474574	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	8098 5181466	42673	189157	447839	1998729	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	3750 2561163	21438	99176	225879	1028925	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3122 2014107	15970	74111	179392	805830	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
m&p-Xylene	CBZ	Ave	9115 6357682	54000	244643	569719	2540660	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	4654 3200117	26622	122795	290964	1289648	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2248 1641625	12226	54038	133765	623687	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	7343 5425169	41220	195176	473495	2151214	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	1672 1372263	9551	47331	116077	555032	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	10685 8657637	67876	331338	773131	3435781	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	748 521848	5194	18022	42602	222292	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	2283 1772507	14038	63762	154425	709542	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	3875 2405065	21545	90698	215611	936820	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	LinF	11856 9667938	74979	378501	856599	3829902	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3115 2163877	18873	80572	199335	821492	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	12553 8024132	73121	279779	674008	3284380	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	9954 6644512	59333	252388	592285	2585188	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1057 650375	6040	25751	60039	256494	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	9388 7259176	56305	276735	640073	2910476	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	846 497552	4626	18336	43294	197921	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	8349 5833373	50535	224250	512078	2287045	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	LinF	6175 6248466	46012	235766	545463	2497475	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	2711 2507022	18631	85328	213656	1028152	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	9839 7360743	60947	284483	657277	2896628	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	7853 8965395	65076	350352	804866	3656459	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123076

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2012 22:06 Calibration End Date: 08/08/2012 00:00 Calibration ID: 16814

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
p-Isopropyltoluene	DCB	LinF	7589 7780143	59612	299388	701219	3097454	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	6703 4230963	38164	169373	380220	1645677	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	7190 4273053	39918	171802	394330	1654026	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	11973 7102099	69935	268731	638805	2955914	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	Ave	5997 4426863	43828	162039	382543	1840799	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	1200 893826	7705	31614	74519	352532	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	LinF	15073 12123382	98343	463010	1062893	4819676	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6858 4102569	39506	165671	375645	1618809	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	Ave	9512 7143476	63741	256315	612141	2929796	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	538 350512	2867	12584	29302	126762	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	LinF	1194 1274659	10544	53381	122428	557451	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	4009 2759578	25578	111746	260637	1083278	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	9950 5949303	47378	215088	518305	2083300	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3422 2299287	19170	84066	206631	820444	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	142096 151447	142613	143868	140835	151246	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	439325 498164	441753	458501	455007	485217	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	186919 214396	190166	196632	194723	204301	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-120997/3	k02511.d
Level 2	IC 460-120997/4	k02512.d
Level 3	ICIS 460-120997/2	k02507.d
Level 4	IC 460-120997/5	k02513.d
Level 5	IC 460-120997/6	k02514.d
Level 6	IC 460-120997/7	k02515.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1625 0.2626	0.3290	0.2998	0.2750	0.2810	LinF		0.2654							0.9991		0.9900
Chloromethane	0.3320 0.2759	0.3690	0.3240	0.3049	0.3028	Ave		0.3181			0.1000	9.9		15.0			
Vinyl chloride	0.2914 0.2988	0.3658	0.3386	0.3256	0.3230	Ave		0.3239				8.4		30.0			
Bromomethane	0.2993 0.2212	0.2867	0.2530	0.2416	0.2358	Ave		0.2563				11.9		15.0			
Chloroethane	0.1638 0.1486	0.1846	0.1774	0.1602	0.1639	Ave		0.1664				7.7		15.0			
Trichlorofluoromethane	0.3056 0.4061	0.5051	0.4560	0.4249	0.4396	LinF		0.4112							0.9988		0.9900
Ethanol	0.0011 0.0013	0.0011	0.0012	0.0011	0.0012	Ave		0.0012				5.6		15.0			
Ethyl ether	0.1613 0.1501	0.1900	0.1629	0.1605	0.1617	Ave		0.1644				8.1		15.0			
Isopropene	0.1986 0.2598	0.3163	0.2762	0.2708	0.2832	Ave		0.2675				14.5		15.0			
Acrolein	0.0136 0.0139	0.0171	0.0168	0.0155	0.0151	Ave		0.0153				9.4		15.0			
Freon TF	0.1282 0.2544	0.3041	0.2689	0.2671	0.2729	LinF		0.2572							0.9990		0.9900
1,1-Dichloroethene	0.1925 0.2164	0.2734	0.2374	0.2227	0.2332	Ave		0.2293				11.7		30.0			
Acetone	0.0877 0.0632	0.0723	0.0726	0.0712	0.0674	Ave		0.0724				11.5		15.0			
Iodomethane	0.5262 0.4949	0.6045	0.5172	0.5242	0.5350	Ave		0.5337				7.0		15.0			
Carbon disulfide	0.6713 0.7151	0.8708	0.7547	0.7547	0.7788	Ave		0.7576				8.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl acetate	0.2621 0.2113	0.2662	0.2262	0.2302	0.2304	Ave		0.2377				9.1		15.0			
Acetonitrile	0.0081 0.0058	0.0080	0.0066	0.0066	0.0063	Ave		0.0069				13.3		15.0			
Methylene Chloride	0.4482 0.2630	0.3743	0.2941	0.2915	0.2816	LinF		0.2660							0.9990		0.9900
TBA	0.0284 0.0294	0.0328	0.0282	0.0301	0.0298	Ave		0.0298				5.6		15.0			
MTBE	0.7638 0.7274	0.8947	0.7678	0.7945	0.7711	Ave		0.7865				7.3		15.0			
trans-1,2-Dichloroethene	0.2505 0.2494	0.3210	0.2720	0.2669	0.2644	Ave		0.2707				9.7		15.0			
Acrylonitrile	0.0736 0.0829	0.0928	0.0901	0.0876	0.0864	Ave		0.0856				7.9		15.0			
Hexane	0.0681 0.1264	0.1595	0.1413	0.1416	0.1372	LinF		0.1281							0.9986		0.9900
DIPE	0.7726 0.7346	0.8965	0.7675	0.7951	0.7772	Ave		0.7906				7.0		15.0			
1,1-Dichloroethane	0.4444 0.4110	0.5169	0.4566	0.4420	0.4384	Ave		0.4516			0.1000	7.8		15.0			
Vinyl acetate	0.3487 0.3157	0.3637	0.3478	0.3708	0.3502	Ave		0.3495				5.4		15.0			
Tert-butyl ethyl ether	0.8386 0.7587	0.9387	0.7925	0.8150	0.8022	Ave		0.8243				7.5		15.0			
2,2-Dichloropropane	0.4099 0.4066	0.4878	0.4369	0.4261	0.4210	Ave		0.4314				6.9		15.0			
cis-1,2-Dichloroethene	0.3194 0.2920	0.3624	0.3121	0.3141	0.3114	Ave		0.3186				7.3		15.0			
Ethyl acetate	0.0257 0.0257	0.0273	0.0256	0.0271	0.0264	Ave		0.0263				2.9		15.0			
2-Butanone	0.0277 0.0289	0.0266	0.0298	0.0316	0.0294	Ave		0.0290				5.9		15.0			
Bromochloromethane	0.1715 0.1575	0.1879	0.1647	0.1674	0.1662	Ave		0.1692				6.1		15.0			
Tetrahydrofuran	0.1289 0.0615	0.1040	0.0731	0.0721	0.0664	LinF		0.0623							0.9984		0.9900
Chloroform	0.4684 0.4534	0.5689	0.4899	0.4812	0.4756	Ave		0.4896				8.3		30.0			
Cyclohexane	0.1990 0.3557	0.4213	0.3687	0.3741	0.3854	LinF		0.3602							0.9988		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.3714 0.4358	0.5036	0.4511	0.4377	0.4483	Ave		0.4413				9.6		15.0			
Carbon tetrachloride	0.2758 0.3822	0.4385	0.3819	0.3790	0.3925	Ave		0.3750				14.3		15.0			
1,1-Dichloropropene	0.3193 0.3611	0.4165	0.3800	0.3689	0.3765	Ave		0.3704				8.5		15.0			
Benzene	1.4193 1.3978	1.7106	1.5179	1.4984	1.4786	Ave		1.5038				7.4		15.0			
Isopropyl acetate	0.5228 0.5193	0.5836	0.5199	0.5544	0.5433	Ave		0.5406				4.7		15.0			
Tert-amyl methyl ether	0.7074 0.7435	0.8435	0.7480	0.7817	0.7787	Ave		0.7671				6.0		15.0			
1,2-Dichloroethane	0.3439 0.3327	0.3933	0.3396	0.3406	0.3396	Ave		0.3483				6.4		15.0			
n-Heptane	0.0549 0.0919	0.1213	0.1015	0.1005	0.0987	LinF		0.0930							0.9989		0.9900
n-Butanol	0.0051 0.0073	0.0057	0.0062	0.0065	0.0066	Ave		0.0062				12.3		15.0			
Trichloroethene	0.2444 0.2743	0.3200	0.2730	0.2727	0.2765	Ave		0.2768				8.8		15.0			
Ethyl acrylate	0.0366 0.0217	0.0211	0.0205	0.0217	0.0217	LinF		0.0217							1.0000		0.9900
Methylcyclohexane	0.1718 0.3295	0.3887	0.3361	0.3448	0.3514	LinF		0.3328							0.9992		0.9900
1,2-Dichloropropane	0.2351 0.2423	0.2888	0.2481	0.2495	0.2457	Ave		0.2516				7.5		30.0			
Methyl methacrylate	0.0524 0.0708	0.0731	0.0675	0.0699	0.0717	Ave		0.0676				11.3		15.0			
1,4-Dioxane	0.0026 0.0051	0.0029	0.0031	0.0032	0.0041	QuaF		375.88	-5949						0.9958		0.9900
Propyl acetate	0.3074 0.2948	0.3470	0.2922	0.3151	0.3040	Ave		0.3101				6.4		15.0			
Dibromomethane	0.1699 0.1668	0.1994	0.1682	0.1690	0.1690	Ave		0.1737				7.3		15.0			
Bromodichloromethane	0.3372 0.3635	0.3956	0.3418	0.3477	0.3584	Ave		0.3574				5.9		15.0			
2-Chloroethyl vinyl ether	0.1421 0.1481	0.1529	0.1398	0.1480	0.1508	Ave		0.1469				3.4		15.0			
Epichlorohydrin	0.0301 0.0301	0.0333	0.0299	0.0322	0.0313	Ave		0.0312				4.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	0.5331 0.5708	0.6187	0.5411	0.5768	0.5764	Ave		0.5695				5.4		15.0			
4-Methyl-2-pentanone	0.3284 0.3070	0.3185	0.2984	0.3236	0.3232	Ave		0.3165				3.6		15.0			
Toluene	1.7689 1.5401	1.8578	1.6247	1.6071	1.5862	Ave		1.6641				7.3		30.0			
trans-1,3-Dichloropropene	0.4936 0.4956	0.5250	0.4793	0.4976	0.5104	Ave		0.5002				3.1		15.0			
1,1,2-Trichloroethane	0.2478 0.2582	0.2988	0.2625	0.2673	0.2648	Ave		0.2666				6.5		15.0			
Tetrachloroethene	0.3960 0.4297	0.5072	0.4477	0.4375	0.4398	Ave		0.4430				8.2		15.0			
1,3-Dichloropropane	0.4941 0.4817	0.5568	0.4996	0.5024	0.4991	Ave		0.5056				5.2		15.0			
2-Hexanone	0.1969 0.1941	0.2009	0.1861	0.2022	0.2046	Ave		0.1975				3.4		15.0			
Butyl acetate	0.0651 0.0718	0.0844	0.0760	0.0760	0.0765	Ave		0.0750				8.4		15.0			
Dibromochloromethane	0.3674 0.4139	0.4411	0.3849	0.4043	0.4181	Ave		0.4050				6.4		15.0			
1,2-Dibromoethane	0.3128 0.3319	0.3887	0.3334	0.3472	0.3440	Ave		0.3430				7.4		15.0			
Chlorobenzene	0.9831 1.0244	1.2154	1.0570	1.0557	1.0555	Ave		1.0652			0.3000	7.4		15.0			
Ethylbenzene	0.4985 0.5282	0.6002	0.5421	0.5481	0.5424	Ave		0.5433				6.1		30.0			
1,1,1,2-Tetrachloroethane	0.4069 0.4223	0.4540	0.4025	0.4249	0.4341	Ave		0.4241				4.4		15.0			
m&p-Xylene	0.6154 0.6549	0.7556	0.6980	0.6860	0.6809	Ave		0.6818				6.8		15.0			
Butyl acrylate	0.2203 0.2557	0.2612	0.2424	0.2646	0.2689	Ave		0.2522				7.2		15.0			
o-Xylene	0.5852 0.6841	0.7598	0.7204	0.7205	0.7136	Ave		0.6973				8.6		15.0			
Styrene	0.9430 1.1252	1.2464	1.1606	1.1715	1.1646	Ave		1.1352				9.0		15.0			
Amly acetate	0.5342 0.5976	0.6390	0.5764	0.6263	0.6224	Ave		0.5993				6.5		15.0			
Bromoform	0.2858 0.3091	0.3268	0.2881	0.3033	0.3117	Ave		0.3041			0.1000	5.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	1.3151 1.6970	1.9628	1.7895	1.7643	1.7642	Ave		1.7155				12.6		15.0			
Camphene, Total	0.0587 0.0749	0.0805	0.0805	0.0785	0.0812	Ave		0.0757				11.4		15.0			
Monobromobenzene	0.8534 0.8728	1.0075	0.8755	0.9024	0.8934	Ave		0.9008				6.1		15.0			
1,1,2,2-Tetrachloroethane	0.6635 0.6937	0.7881	0.7194	0.7531	0.7258	Ave		0.7239			0.3000	6.0		15.0			
N-Propylbenzene	2.7482 3.1568	3.7068	3.3221	3.2954	3.2974	Ave		3.2544				9.5		15.0			
1,2,3-Trichloropropane	0.2033 0.2010	0.2315	0.2071	0.2100	0.2083	Ave		0.2102				5.2		15.0			
trans-1,4-Dichloro-2-butene	0.1848 0.1698	0.1895	0.1676	0.1758	0.1748	Ave		0.1770				4.8		15.0			
2-Chlorotoluene	1.7566 1.9857	2.2769	2.0493	2.0391	2.0389	Ave		2.0244				8.2		15.0			
1,3,5-Trimethylbenzene	2.1663 2.4565	2.6443	2.4761	2.4687	2.5130	Ave		2.4541				6.4		15.0			
4-Chlorotoluene	1.8253 1.9938	2.2520	2.0331	2.0323	2.0424	Ave		2.0298				6.7		15.0			
Butyl Methacrylate	0.6623 0.8857	0.8059	0.7830	0.8819	0.9169	Ave		0.8226				11.4		15.0			
tert-Butylbenzene	1.3263 1.9858	1.9819	1.8701	1.9279	2.0138	Ave		1.8510				14.2		15.0			
1,2,4-Trimethylbenzene	3.0163 2.4902	2.9615	2.6951	2.5746	2.5762	Ave		2.7190				8.1		15.0			
2-Octanone	0.6381 0.8080	0.8153	0.7888	0.8482	0.8589	Ave		0.7929				10.1		15.0			
sec-Butylbenzene	2.0301 2.7209	3.0530	2.7587	2.7676	2.8261	Ave		2.6927				12.8		15.0			
p-Isopropyltoluene	1.6993 2.4046	2.6610	2.4641	2.4673	2.4977	Ave		2.3656				14.3		15.0			
1,3-Dichlorobenzene	1.3478 1.4565	1.7831	1.5571	1.5487	1.5055	Ave		1.5331				9.4		15.0			
1,4-Dichlorobenzene	1.4362 1.4960	1.8089	1.5642	1.5490	1.5660	Ave		1.5700				8.1		15.0			
Benzyl chloride	1.0946 1.3981	1.3774	1.2713	1.3848	1.4281	Ave		1.3257				9.4		15.0			
n-Butylbenzene	1.8315 1.8362	2.1668	1.9846	1.9553	1.9440	Ave		1.9531				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4637 1.4902	1.7876	1.5597	1.5785	1.5318	Ave		1.5686				7.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1347 0.1280	0.1421	0.1206	0.1264	0.1260	Ave		0.1296				5.9		15.0			
Camphor	0.0742 0.0941	0.0839	0.0813	0.0868	0.0933	Ave		0.0856				8.8		15.0			
1,2,4-Trichlorobenzene	0.9764 0.9621	1.1289	1.0397	1.0103	1.0016	Ave		1.0198				5.9		15.0			
Hexachlorobutadiene	0.5300 0.3905	0.4748	0.4255	0.4016	0.4141	Ave		0.4394				12.1		15.0			
Naphthalene	2.5729 2.2431	2.3791	2.4454	2.2405	2.2399	Ave		2.3535				5.9		15.0			
1,2,3-Trichlorobenzene	0.9020 0.8288	0.9364	0.9278	0.8614	0.8528	Ave		0.8849				4.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2553 0.2515	0.2646	0.2575	0.2544	0.2569	Ave		0.2567				1.7		15.0			
Toluene-d8 (Surr)	1.2025 1.2117	1.2109	1.2314	1.1999	1.2257	Ave		1.2137				1.0		15.0			
Bromofluorobenzene	0.8617 0.8782	0.8713	0.8945	0.8861	0.8922	Ave		0.8807				1.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-120997/3	k02511.d
Level 2	IC 460-120997/4	k02512.d
Level 3	ICIS 460-120997/2	k02507.d
Level 4	IC 460-120997/5	k02513.d
Level 5	IC 460-120997/6	k02514.d
Level 6	IC 460-120997/7	k02515.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	LinF	1293 1110661	12775	48173	109889	461109	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	2642 1167023	14330	52064	121822	496842	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2319 1263794	14204	54422	130102	529868	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2382 935793	11133	40657	96539	386864	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1304 628572	7168	28503	64003	268863	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	LinF	2432 1717829	19614	73278	169776	721275	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	8722 64386	17003	28137	36138	47772	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	1284 634874	7379	26184	64106	265355	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	1581 1098944	12284	44392	108206	464599	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	433 47063	2661	5386	12396	24725	4.00 400	20.0	40.0	100	200
Freon TF	FB	LinF	1020 1076029	11810	43207	106700	447806	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	1532 915325	10618	38153	88957	382645	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	3491 267511	8425	11673	28435	110638	5.00 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	4188 2093586	23477	83109	209446	877809	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	5343 3025041	33817	121284	301521	1277751	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2086 893788	10339	36359	91971	378016	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	1290 493370	6177	21241	52618	207688	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	LinF	3567 1112378	14537	47267	116444	461978	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	4519 2484629	25491	90660	240694	979473	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	6079 3076938	34745	123382	317409	1265193	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	1994 1054977	12466	43715	106644	433877	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	1171 140294	7208	14483	35011	70897	2.00 200	10.0	20.0	50.0	100
Hexane	FB	LinF	542 534669	6193	22710	56569	225047	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	6149 3107447	34816	123337	317680	1275152	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	3537 1738667	20072	73370	176607	719364	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	2775 1335244	14125	55896	148160	574499	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	6674 3209342	36456	127357	325608	1316244	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3262 1719756	18945	70218	170219	690717	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	2542 1235185	14074	50160	125508	510930	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	409 217755	2120	8214	21670	86778	2.00 1000	10.0	40.0	100	400
2-Butanone	FB	Ave	1101 122287	3103	4797	12605	48223	5.00 500	15.0	20.0	50.0	200
Bromochloromethane	FB	Ave	1365 666157	7297	26463	66862	272630	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	1026 260106	4037	11752	28793	108911	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	3728 1918073	22095	78731	192239	780371	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	1584 1504684	16361	59257	149481	632362	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	2956 1843444	19557	72498	174875	735468	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2195 1616934	17028	61370	151426	643961	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloropropene	FB	Ave	2541 1527430	16174	61068	147385	617737	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	8054 4385460	48515	175301	430719	1753269	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	8322 4393686	45325	167116	442963	1782747	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	5630 3145057	32756	120208	312295	1277542	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	2737 1407254	15274	54579	136076	557246	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	LinF	437 388637	4712	16309	40137	161890	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	20408 186477	44316	74177	104472	135409	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	1945 1160511	12428	43865	108931	453717	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	LinF	291 91910	818	3302	8680	35587	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	1367 1393740	15095	54014	137740	576477	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	1871 1024932	11214	39870	99695	403195	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	417 299516	2840	10853	27931	117566	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	QuaF	1027 12840	2290	3700	5149	8457	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	4893 2493735	26950	93905	251810	997550	2.00 1000	10.0	40.0	100	400
Dibromomethane	FB	Ave	1352 705755	7744	27034	67507	277328	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	2684 1537607	15365	54926	138910	588011	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1131 626336	5937	22465	59120	247387	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	3420 1888059	18899	69067	185051	743072	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	3025 1790709	17547	62494	165810	683503	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	9318 963179	27101	34465	93021	383212	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	10038 4831805	52690	187637	461971	1880938	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBZ	Ave	2801 1554832	14890	55355	143026	605240	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	1406 810088	8473	30320	76852	313961	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2247 1348248	14385	51708	125767	521551	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	2804 1511228	15790	57700	144414	591823	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	5587 608974	17095	21494	58112	242571	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	739 450655	4785	17565	43694	181376	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	2085 1298512	12509	44457	116222	495798	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	1775 1041337	11025	38502	99813	407903	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	5579 3213809	34471	122070	303479	1251595	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	2829 1657251	17022	62606	157571	643191	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2309 1324867	12876	46488	122134	514738	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	6984 4109298	42861	161227	394382	1614875	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	Ave	1250 802295	7407	28000	76072	318851	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	3321 2146206	21548	83198	207115	846237	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	5351 3530057	35348	134042	336767	1381010	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	1789 1055315	10737	39364	104043	421255	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1622 969630	9269	33269	87180	369581	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	7463 5324077	55667	206674	507174	2091942	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	333 234883	2284	9300	22579	96243	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2858 1541201	16930	59789	149899	604701	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2222 1224913	13242	49127	125105	491271	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Propylbenzene	DCB	Ave	9204 5574313	62287	226862	547417	2231872	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	681 354990	3890	14146	34891	140960	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	619 299784	3184	11445	29197	118301	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	5883 3506347	38259	139945	338726	1380052	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	7255 4337653	44433	169091	410099	1700917	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	6113 3520697	37841	138841	337596	1382406	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	2218 1563916	13542	53470	146504	620643	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	4442 3506538	33302	127708	320251	1363039	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	10102 4397190	49763	184045	427686	1743759	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	2137 1426718	13700	53864	140901	581332	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	6799 4804505	51301	188387	459743	1912899	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	5691 4246058	44713	168269	409858	1690609	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	4514 2571840	29962	106336	257269	1018988	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	4810 2641585	30396	106821	257311	1059939	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	3666 2468713	23145	86813	230044	966638	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	6134 3242415	36410	135525	324807	1315816	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	4902 2631445	30038	106511	262208	1036836	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	451 225981	2387	8235	21003	85286	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	1242 830895	7048	27760	72128	315685	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	3270 1698905	18969	71000	167834	677952	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1775 689630	7978	29055	66708	280293	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120997

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2012 20:21 Calibration End Date: 07/23/2012 23:59 Calibration ID: 16489

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Naphthalene	DCB	Ave	8617 3960804	39976	166994	372181	1516075	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3021 1463578	15735	63361	143096	577203	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	101598 106389	102747	103445	101651	105376	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	341176 380144	343408	355542	344912	363359	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	144298 155081	146399	152716	147199	150980	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122615/2	k02982.d
Level 2	IC 460-122615/3	k02983.d
Level 3	ICIS 460-122615/4	k02984.d
Level 4	IC 460-122615/5	k02985.d
Level 5	IC 460-122615/6	k02986.d
Level 6	IC 460-122615/7	k02987.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3981 0.3080	0.3801	0.4128	0.4434	0.3574	Ave		0.3833				12.3		15.0			
Chloromethane	0.7636 0.5037	0.7114	0.6681	0.6461	0.5975	Ave		0.6484			0.1000	14.0		15.0			
Vinyl chloride	0.5592 0.4709	0.5522	0.5697	0.5977	0.5631	Ave		0.5521				7.8		30.0			
Bromomethane	0.3329 0.2138	0.2733	0.2452	0.2577	0.2347	LinF		0.2174							0.9978		0.9900
Chloroethane	0.2449 0.1844	0.2066	0.2172	0.2098	0.1977	Ave		0.2101				9.7		15.0			
Dichlorofluoromethane	0.7269 0.6737	0.6759	0.7523	0.7161	0.7096	Ave		0.7091				4.3		15.0			
Trichlorofluoromethane	0.6067 0.4715	0.5336	0.5482	0.5368	0.5294	Ave		0.5377				8.0		15.0			
n-Pentane	0.0712 0.0554	0.0471	0.0648	0.0590	0.0639	Ave		0.0602				13.9		15.0			
Ethanol	0.0023 0.0019	0.0021	0.0018	0.0018	0.0022	Ave		0.0020				11.2		15.0			
Ethyl ether	0.2840 0.2220	0.2373	0.2462	0.2351	0.2259	Ave		0.2417				9.3		15.0			
Isopropene	0.4138 0.4810	0.4152	0.5169	0.4827	0.5163	Ave		0.4710				9.9		15.0			
Acrolein	0.0567 0.0449	0.0518	0.0512	0.0520	0.0441	Ave		0.0501				9.5		15.0			
Freon TF	0.3637 0.3311	0.3061	0.3981	0.3840	0.3596	Ave		0.3571				9.5		15.0			
1,1-Dichloroethene	0.3234 0.2492	0.2684	0.2700	0.2632	0.2662	Ave		0.2734				9.4		30.0			
Acetone	0.1224 0.0657	0.1040	0.0803	0.0910	0.0799	LinF		0.0664							0.9970		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.5427 0.5192	0.5262	0.5455	0.5432	0.5321	Ave		0.5348				2.0		15.0			
Carbon disulfide	1.2797 1.0921	1.1354	1.1414	1.2516	1.1546	Ave		1.1758				6.2		15.0			
Methyl acetate	0.0770 0.0487	0.0592	0.0493	0.0548	0.0527	LinF		0.0494							0.9987		0.9900
Acetonitrile	0.0409 0.0363	0.0519	0.0370	0.0455	0.0485	Ave		0.0434				14.5		15.0			
Methylene Chloride	0.5753 0.2893	0.4172	0.3134	0.3155	0.3029	LinF		0.2915							0.9995		0.9900
TBA	0.0416 0.0334	0.0387	0.0283	0.0329	0.0372	Ave		0.0354				13.5		15.0			
MTBE	0.8346 0.7399	0.8506	0.7496	0.7797	0.7297	Ave		0.7807				6.5		15.0			
trans-1,2-Dichloroethene	0.3203 0.2952	0.3281	0.2927	0.2928	0.3122	Ave		0.3069				5.0		15.0			
Acrylonitrile	0.0986 0.0911	0.1116	0.0917	0.0925	0.0985	Ave		0.0973				7.9		15.0			
Hexane	0.2757 0.2230	0.2142	0.2652	0.2507	0.2663	Ave		0.2492				10.1		15.0			
DIPE	1.0212 0.9947	1.0058	1.0531	1.0479	0.9977	Ave		1.0201				2.5		15.0			
1,1-Dichloroethane	0.6376 0.5227	0.5696	0.5459	0.5264	0.5567	Ave		0.5598			0.1000	7.5		15.0			
Vinyl acetate	0.5948 0.6836	0.5415	0.5600	0.5120	0.5227	Ave		0.5691				11.1		15.0			
Tert-butyl ethyl ether	0.9140 0.8598	0.8625	0.8897	0.8847	0.8399	Ave		0.8751				3.0		15.0			
2,2-Dichloropropane	0.5386 0.4560	0.4589	0.4390	0.4426	0.4839	Ave		0.4698				7.9		15.0			
cis-1,2-Dichloroethene	0.3774 0.3206	0.3267	0.3180	0.3112	0.3348	Ave		0.3314				7.2		15.0			
Ethyl acetate	0.0307 0.0261	0.0256	0.0232	0.0236	0.0266	Ave		0.0260				10.2		15.0			
2-Butanone	0.0284 0.0275	0.0279	0.0276	0.0290	0.0333	Ave		0.0289				7.6		15.0			
Ethyl acrylate	0.0263 0.0352	0.0363	0.0313	0.0335	0.0360	Ave		0.0331				11.6		15.0			
Bromochloromethane	0.1670 0.1427	0.1508	0.1418	0.1396	0.1454	Ave		0.1479				6.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	0.2264 0.0889	0.1352	0.0890	0.0932	0.0975	LinF		0.0902							0.9983		0.9900
Chloroform	0.5600 0.4955	0.5262	0.4980	0.4911	0.5174	Ave		0.5147				5.1		30.0			
Cyclohexane	0.5671 0.5755	0.4827	0.6249	0.6214	0.6557	Ave		0.5879				10.4		15.0			
1,1,1-Trichloroethane	0.4816 0.4619	0.4432	0.4474	0.4473	0.4882	Ave		0.4616				4.2		15.0			
Carbon tetrachloride	0.3999 0.4044	0.3698	0.3838	0.3886	0.4260	Ave		0.3954				4.9		15.0			
1,1-Dichloropropene	0.4505 0.4467	0.3932	0.4227	0.4165	0.4701	Ave		0.4333				6.4		15.0			
Benzene	1.3720 1.2183	1.2277	1.1886	1.1657	1.2659	Ave		1.2397				5.9		15.0			
Isopropyl acetate	0.7697 0.6008	0.6255	0.5967	0.5970	0.6079	Ave		0.6329				10.7		15.0			
Tert-amyl methyl ether	0.7755 0.7594	0.7693	0.7556	0.7751	0.7391	Ave		0.7623				1.8		15.0			
1,2-Dichloroethane	0.3947 0.3232	0.3481	0.3061	0.3123	0.3258	Ave		0.3350				9.7		15.0			
2,4,4-Trimethyl-1-pentene	0.0825 0.0989	0.0691	0.0998	0.0990	0.1113	LinF		0.1008							0.9973		0.9900
n-Butanol	0.0044 0.0057	0.0042	0.0039	0.0044	0.0053	Ave		0.0047				14.6		15.0			
Trichloroethene	0.3307 0.2995	0.2883	0.2840	0.2778	0.3082	Ave		0.2981				6.5		15.0			
Methylcyclohexane	0.5136 0.5539	0.4625	0.6118	0.6057	0.6491	Ave		0.5661				12.3		15.0			
1,2-Dichloropropane	0.3108 0.2912	0.2958	0.2831	0.2772	0.2938	Ave		0.2920				4.0		30.0			
Methyl methacrylate	0.1430 0.1579	0.1350	0.1347	0.1443	0.1523	Ave		0.1445				6.4		15.0			
1,4-Dioxane	0.0028 0.0033	0.0027	0.0026	0.0032	0.0040	LinF		0.0033							0.9998		0.9900
Propyl acetate	0.2106 0.1734	0.1555	0.1538	0.1575	0.1688	Ave		0.1699				12.6		15.0			
Dibromomethane	0.1834 0.1557	0.1654	0.1459	0.1495	0.1551	Ave		0.1592				8.5		15.0			
Bromodichloromethane	0.3665 0.3594	0.3378	0.3229	0.3287	0.3493	Ave		0.3441				5.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloroethyl vinyl ether	0.1207 0.1487	0.1198	0.1238	0.1288	0.1403	Ave		0.1303				9.0		15.0			
Epichlorohydrin	0.0234 0.0244	0.0216	0.0205	0.0224	0.0260	Ave		0.0230				8.6		15.0			
cis-1,3-Dichloropropene	0.4351 0.4430	0.3829	0.3862	0.3968	0.4238	Ave		0.4113				6.3		15.0			
4-Methyl-2-pentanone	0.2346 0.2439	0.2290	0.2243	0.2346	0.2622	Ave		0.2381				5.7		15.0			
Toluene	2.2365 1.8793	1.9636	1.8237	1.7725	1.5726	Ave		1.8747				11.8		30.0			
trans-1,3-Dichloropropene	0.5297 0.5326	0.4680	0.4607	0.4837	0.4265	Ave		0.4835				8.6		15.0			
1,1,2-Trichloroethane	0.3076 0.2815	0.2916	0.2541	0.2665	0.2300	Ave		0.2719				10.2		15.0			
Tetrachloroethene	0.5040 0.4876	0.4566	0.4606	0.4604	0.4136	Ave		0.4638				6.7		15.0			
1,3-Dichloropropane	0.5577 0.5262	0.5206	0.4952	0.5030	0.4249	Ave		0.5046				8.9		15.0			
2-Hexanone	0.2311 0.2333	0.2237	0.2063	0.2160	0.2045	Ave		0.2191				5.6		15.0			
Butyl acetate	0.6298 0.5553	0.5147	0.5089	0.5398	0.4565	Ave		0.5342				10.8		15.0			
Dibromochloromethane	0.3633 0.3847	0.3454	0.3369	0.3464	0.3051	Ave		0.3470				7.7		15.0			
1,2-Dibromoethane	0.3078 0.3161	0.3076	0.2885	0.2973	0.2594	Ave		0.2961				6.9		15.0			
Chlorobenzene	1.2299 1.1309	1.1124	1.0788	1.0768	0.9341	Ave		1.0938			0.3000	8.8		15.0			
Ethylbenzene	0.6388 0.6323	0.5769	0.5986	0.6077	0.5367	Ave		0.5985				6.3		30.0			
1,1,1,2-Tetrachloroethane	0.4455 0.4360	0.4219	0.3935	0.4014	0.3573	Ave		0.4093				7.9		15.0			
m&p-Xylene	0.7760 0.7834	0.7219	0.7632	0.7657	0.6706	Ave		0.7468				5.8		15.0			
Butyl acrylate	1.1896 1.2899	1.0261	1.0933	1.1989	1.2579	Ave		1.1760				8.5		15.0			
o-Xylene	0.7524 0.7931	0.7108	0.7786	0.7831	0.6787	Ave		0.7495				6.1		15.0			
Styrene	1.1438 1.2666	1.1397	1.1962	1.2232	1.0600	Ave		1.1716				6.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Amly acetate	0.3530 0.3584	0.3459	0.3391	0.3642	0.2912	Ave		0.3420				7.7		15.0			
Bromoform	0.2715 0.2619	0.2416	0.2237	0.2360	0.2087	Ave		0.2406			0.1000	9.7		15.0			
Isopropylbenzene	1.8810 2.1622	1.8929	2.0665	2.1269	1.8710	Ave		2.0001				6.7		15.0			
Camphene, Total	0.3699 0.3437	0.2983	0.3724	0.3640	0.4062	Ave		0.3591				10.0		15.0			
Monobromobenzene	1.0209 0.9256	0.9380	0.8742	0.8692	0.9438	Ave		0.9286				6.0		15.0			
1,1,2,2-Tetrachloroethane	0.9269 0.8310	0.8004	0.7563	0.7773	0.8561	Ave		0.8246			0.3000	7.5		15.0			
N-Propylbenzene	4.7576 4.6735	4.3668	4.6435	4.6580	5.1218	Ave		4.7035				5.2		15.0			
1,2,3-Trichloropropane	0.2591 0.2063	0.2084	0.1926	0.1938	0.2161	Ave		0.2127				11.5		15.0			
trans-1,4-Dichloro-2-butene	0.0785 0.0736	0.0781	0.0731	0.0737	0.0741	Ave		0.0752				3.2		15.0			
2-Chlorotoluene	3.0257 3.0470	3.0230	3.0342	2.9882	3.2332	Ave		3.0585				2.9		15.0			
p-Ethyltoluene	1.2405 1.2365	1.1905	1.4117	1.3713	1.3733	Ave		1.3040				7.1		15.0			
1,3,5-Trimethylbenzene	2.9242 3.3797	2.9807	3.1449	3.2185	3.5515	Ave		3.1999				7.4		15.0			
4-Chlorotoluene	2.8357 2.6371	2.5938	2.5502	2.5416	2.7351	Ave		2.6489				4.4		15.0			
Butyl Methacrylate	0.9768 1.1300	0.9202	1.0316	1.1044	1.1164	Ave		1.0466				8.1		15.0			
tert-Butylbenzene	2.4610 2.9164	2.3177	2.5013	2.6448	2.9788	Ave		2.6367				10.0		15.0			
1,2,4-Trimethylbenzene	3.2192 3.3211	3.0943	3.1962	3.2253	3.4870	Ave		3.2572				4.1		15.0			
sec-Butylbenzene	3.9558 4.4599	4.1111	4.3902	4.4702	4.8134	Ave		4.3668				6.9		15.0			
p-Isopropyltoluene	3.1896 3.7076	3.3499	3.5943	3.6895	3.9761	Ave		3.5845				7.8		15.0			
1,3-Dichlorobenzene	2.0586 1.7424	1.8336	1.7955	1.7565	1.8389	Ave		1.8376				6.3		15.0			
1,4-Dichlorobenzene	2.2334 1.7528	1.8769	1.7567	1.7262	1.7979	Ave		1.8573				10.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	1.4408 1.5809	1.3121	1.3736	1.4515	1.5583	Ave		1.4528				7.1		15.0			
1,4-Diethylbenzene	0.7685 0.7284	0.7027	0.8413	0.8484	0.8245	Ave		0.7856				7.8		15.0			
n-Butylbenzene	4.1015 4.0283	4.1417	4.3763	4.3574	4.4758	Ave		4.2468				4.2		15.0			
1,2-Dichlorobenzene	2.0271 1.7013	1.8020	1.7188	1.6786	1.7540	Ave		1.7803				7.2		15.0			
1,2,4,5-Tetramethylbenzene	1.0522 1.1134	0.9903	1.2040	1.2549	1.2118	Ave		1.1378				9.1		15.0			
1,2-Dibromo-3-Chloropropane	0.2269 0.1550	0.1509	0.1406	0.1453	0.1654	LinF		0.1564							0.9991		0.9900
Camphor	0.0810 0.0885	0.0630	0.0649	0.0723	0.0928	LinF		0.0890							0.9990		0.9900
1,2,4-Trichlorobenzene	1.7217 1.3840	1.4522	1.3877	1.4223	1.4085	Ave		1.4627				8.8		15.0			
Hexachlorobutadiene	0.9213 0.7231	0.7802	0.8135	0.8304	0.7775	Ave		0.8077				8.3		15.0			
Naphthalene	3.5895 2.9319	2.8104	2.7042	2.8878	3.0821	Ave		3.0010				10.5		15.0			
1,2,3-Trichlorobenzene	1.6902 1.2651	1.3369	1.3081	1.3470	1.3187	Ave		1.3777				11.3		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2290 0.2241	0.2274	0.2270	0.2246	0.2181	Ave		0.2250				1.7		15.0			
Toluene-d8 (Surr)	1.2425 1.3055	1.2556	1.2773	1.2630	1.0357	Ave		1.2299				7.9		15.0			
Bromofluorobenzene	0.8261 0.8554	0.8413	0.8403	0.8304	0.8504	Ave		0.8407				1.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122615/2	k02982.d
Level 2	IC 460-122615/3	k02983.d
Level 3	ICIS 460-122615/4	k02984.d
Level 4	IC 460-122615/5	k02985.d
Level 5	IC 460-122615/6	k02986.d
Level 6	IC 460-122615/7	k02987.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4533 1879740	21767	97908	259865	755294	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	8695 3074190	40744	158477	378626	1262843	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6367 2873757	31624	135138	350270	1190126	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	3790 1304986	15652	58153	151025	496106	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2789 1125227	11831	51526	122946	417821	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	8277 4111606	38711	178439	419615	1499769	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6908 2877317	30561	130025	314547	1118940	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1622 676311	5398	30719	69191	270229	2.00 1000	10.0	40.0	100	400
Ethanol	FB	Ave	26444 137375	47004	62368	84882	114889	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	3234 1354977	13588	58387	137790	477355	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	4712 2935423	23781	122600	282878	1091228	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	64536 328804	118590	182003	243636	233186	100 600	200	300	400	500
Freon TF	FB	Ave	4141 2020784	17533	94438	225029	760099	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3682 1521088	15371	64049	154262	562561	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	13936 801559	17876	19058	53318	168823	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	6179 3168671	30136	129397	318295	1124546	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	14571 6664845	65024	270747	733439	2440264	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	LinF	877 297325	3393	11700	32108	111288	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	9325 4434256	59399	175627	533656	2051006	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	LinF	6551 1765605	23895	74348	184912	640215	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	9480 4071285	44319	134286	386006	1574501	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	9503 4515550	48714	177806	456887	1542150	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3647 1801405	18793	69434	171583	659888	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	56161 333695	127778	163098	216832	260178	50.0 300	100	150	200	250
Hexane	FB	Ave	3139 1360968	12268	62915	146904	562723	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	11628 6070647	57602	249798	614075	2108685	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7260 3190339	32620	129485	308452	1176546	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	13546 8343751	62023	265670	600057	2209548	2.00 1000	10.0	40.0	100	400
Tert-butyl ethyl ether	FB	Ave	10407 5247202	49396	211047	518441	1775098	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	6133 2783024	26282	104133	259388	1022714	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4297 1956673	18713	75418	182356	707520	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	698 318841	2938	11023	27708	112483	2.00 1000	10.0	40.0	100	400
2-Butanone	FB	Ave	3230 335886	4786	6554	16982	70376	10.0 1000	15.0	20.0	50.0	200
Ethyl acrylate	FB	Ave	299 215083	2080	7421	19646	76023	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1902 870596	8634	33632	81834	307292	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	2578 542405	7742	21107	54590	206072	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6376 3024090	30137	118133	287793	1093622	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	6457 3512192	27646	148218	364167	1385787	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5484 2818873	25383	106122	262148	1031825	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4553 2468015	21177	91042	227703	900392	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5130 2725985	22522	100261	244068	993574	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	15622 7435173	70312	281938	683128	2675510	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	17528 7333321	71652	283093	699677	2569608	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	8830 4634583	44058	179230	454224	1562055	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4494 1972203	19934	72605	182996	688593	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	LinF	1878 1207764	7919	47341	116086	470388	2.00 1000	10.0	40.0	100	400
n-Butanol	FB	Ave	25300 207069	48306	69211	104217	141014	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	3766 1827742	16509	67354	162816	651478	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	5848 3380698	26489	145107	354943	1371832	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3539 1777443	16941	67142	162425	620892	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1628 963391	7733	31944	84535	321864	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	LinF	1589 202588	3071	4572	7525	10606	50.0 5000	100	150	200	250
Propyl acetate	FB	Ave	4797 2117074	17806	72947	184541	713486	2.00 1000	10.0	40.0	100	400
Dibromomethane	FB	Ave	2088 950257	9475	34615	87597	327786	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4173 2193395	19345	76599	192611	738282	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1374 907730	6864	29358	75480	296460	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	5327 2979084	24707	97450	262198	1099192	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	4954 2703713	21931	91615	232555	895778	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Methyl-2-pentanone	FB	Ave	26714 2976552	39349	53215	137488	554246	10.0 1000	15.0	20.0	50.0	200
Toluene	CBZ	Ave	17124 7577985	74534	285517	689378	2675467	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4056 2147739	17765	72126	188135	725595	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2355 1135120	11070	39777	103637	391300	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	3859 1966203	17330	72119	179062	703691	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4270 2121831	19759	77523	195618	722820	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	17691 1881119	25477	32305	83991	347836	10.0 1000	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	9645 4478762	39077	159354	419908	1553361	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	2782 1551191	13111	52739	134718	519054	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2357 1274662	11674	45167	115630	441298	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	9417 4560055	42225	168901	418778	1589078	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	4891 2549591	21899	93714	236365	913041	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3411 1758289	16013	61605	156099	607794	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	11884 6318141	54802	238975	595592	2281780	2.00 1000	10.0	40.0	100	400
Butyl acrylate	DCB	Ave	4908 2734036	21113	94378	255318	912622	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	5761 3198119	26980	121905	304585	1154621	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	8758 5107508	43259	187285	475730	1803264	1.00 500	5.00	20.0	50.0	200
Amly acetate	CBZ	Ave	2703 1445019	13131	53094	141650	495402	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2079 1056015	9170	35029	91792	355020	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	14402 8718912	71851	323528	827202	3183092	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	Ave	1526 728604	6139	32149	77510	294710	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monobromobenzene	DCB	Ave	4212 1961979	19301	75463	185104	684734	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3824 1761362	16470	65283	165523	621058	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	19628 9905912	89856	400846	991962	3715775	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1069 437340	4288	16625	41271	156784	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	894 449471	4473	17331	43208	156598	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	12483 6458428	62203	261925	636356	2345637	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	14125 7546209	68184	334852	803577	2902414	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	12064 7163688	61333	271479	685418	2576540	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	11699 5589677	53372	220144	541249	1984258	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	4030 2395209	18934	89054	235188	809903	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	10153 6181697	47692	215920	563229	2161089	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13281 7039371	63672	275910	686853	2529774	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	16320 9453323	84593	378982	951978	3492020	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	13159 7858623	68931	310276	785705	2884601	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	8493 3693111	37729	154992	374073	1334086	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	9214 3715284	38621	151648	367617	1304322	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	5944 3350883	26998	118576	309101	1130520	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	Ave	8750 4445185	40246	199550	497150	1742476	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	16921 8538401	85224	377779	927945	3247156	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	8363 3606181	37079	148378	357463	1272530	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	Ave	11981 6795394	56715	285580	735369	2561080	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122615

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/03/2012 19:37 Calibration End Date: 08/03/2012 21:24 Calibration ID: 16646

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromo-3-Chloropropane	DCB	LinF	936 328506	3106	12140	30946	119983	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	1671 937864	6481	28021	76962	336639	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	7103 2933501	29882	119795	302889	1021880	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	3801 1532586	16054	70222	176847	564033	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	14809 6214455	57829	233438	614993	2235985	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6973 2681522	27510	112919	286848	956700	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	130392 136748	130244	134603	131630	115227	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	475683 526447	476596	499927	491219	440481	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	170416 181314	173114	181350	176848	154232	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
LinF = Linear ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122620/16 Calibration Date: 08/03/2012 18:50

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63011.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3957	0.3791		19.2	20.0	-4.2	50.0
Chloromethane	Ave	0.4681	0.3951	0.1000	16.9	20.0	-15.6	50.0
Vinyl chloride	LinF	0.4166	0.3967		18.9	20.0	-5.6	20.0
Bromomethane	LinF	0.2505	0.2469		19.9	20.0	-0.4	50.0
Chloroethane	Ave	0.2129	0.2273		21.3	20.0	6.7	50.0
Dichlorofluoromethane	Ave	0.6746	0.6336		18.8	20.0	-6.1	50.0
Trichlorofluoromethane	Ave	0.5776	0.5757		19.9	20.0	-0.3	50.0
Ethanol	Ave	0.0017	0.0015		2660	3000	-11.2	50.0
Ethyl ether	Ave	0.2652	0.2387		18.0	20.0	-10.0	50.0
Isopropene	Ave	0.5271	0.5288		20.1	20.0	0.3	50.0
Acrolein	Ave	0.0417	0.0415		298	300	-0.5	99.0
1,1-Dichloroethene	Ave	0.3032	0.3032		20.0	20.0	-0.0	20.0
Freon TF	Ave	0.3850	0.3850		20.0	20.0	0.0	50.0
Acetone	QuaF	0.0910	0.0782		20.4	20.0	2.2	50.0
Iodomethane	Ave	0.4618	0.3915		17.0	20.0	-15.2	50.0
Carbon disulfide	Ave	1.080	1.059		19.6	20.0	-2.0	50.0
Acetonitrile	Ave	0.0752	0.0770		409	400	2.3	50.0
Methyl acetate	Ave	0.0580	0.0550		18.9	20.0	-5.3	50.0
Methylene Chloride	LinF	0.4026	0.3402		20.8	20.0	4.2	50.0
TBA	Ave	0.0325	0.0272		336	400	-16.1	50.0
Acrylonitrile	Ave	0.1062	0.0913		129	150	-14.0	50.0
trans-1,2-Dichloroethene	Ave	0.3764	0.3593		19.1	20.0	-4.5	50.0
MTBE	Ave	0.8460	0.7694		18.2	20.0	-9.1	50.0
Hexane	Ave	0.2912	0.2780		19.1	20.0	-4.5	50.0
1,1-Dichloroethane	Ave	0.6454	0.6166	0.1000	19.1	20.0	-4.5	50.0
DIPE	Ave	1.066	0.9264		17.4	20.0	-13.1	50.0
Tert-butyl ethyl ether	Ave	0.9021	0.8246	0.0100	18.3	20.0	-8.6	50.0
2,2-Dichloropropane	Ave	0.5642	0.5102		18.1	20.0	-9.6	50.0
cis-1,2-Dichloroethene	Ave	0.4097	0.4006		19.6	20.0	-2.2	50.0
2-Butanone	Ave	0.0353	0.0294		16.7	20.0	-16.7	50.0
Ethyl acetate	Ave	0.0262	0.0231		35.4	40.0	-11.6	50.0
Bromochloromethane	Ave	0.1856	0.1745		18.8	20.0	-6.0	50.0
Tetrahydrofuran	LinF	0.1283	0.1140		24.4	20.0	21.9	50.0
Chloroform	Ave	0.6280	0.5972		19.0	20.0	-4.9	20.0
1,1,1-Trichloroethane	Ave	0.5458	0.5366		19.7	20.0	-1.7	50.0
Cyclohexane	Ave	0.7019	0.7122		20.3	20.0	1.5	50.0
Carbon tetrachloride	Ave	0.4549	0.4426		19.5	20.0	-2.7	50.0
1,1-Dichloropropene	Ave	0.5292	0.5250		19.8	20.0	-0.8	50.0
Benzene	Ave	1.416	1.418		20.0	20.0	0.1	50.0
1,2-Dichloroethane	Ave	0.4039	0.3600		17.8	20.0	-10.9	50.0
Isopropyl acetate	Ave	0.5655	0.5298		37.5	40.0	-6.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122620/16 Calibration Date: 08/03/2012 18:50

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63011.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.7641	0.7129		18.7	20.0	-6.7	50.0
Trichloroethene	Ave	0.3583	0.3582		20.0	20.0	-0.0	50.0
n-Butanol	Ave	0.0043	0.0040		1390	1500	-7.4	50.0
Methylcyclohexane	Ave	0.6824	0.6983		20.5	20.0	2.3	50.0
1,2-Dichloropropane	Ave	0.3330	0.3186		19.1	20.0	-4.3	20.0
Dibromomethane	Ave	0.1826	0.1746		19.1	20.0	-4.4	50.0
1,4-Dioxane	Ave	0.0039	0.0034		131	150	-12.5	50.0
Methyl methacrylate	Ave	0.1834	0.1737		18.9	20.0	-5.3	50.0
Bromodichloromethane	Ave	0.4228	0.4070		19.3	20.0	-3.7	50.0
Ethyl acrylate	Ave	0.0149	0.2545		343	20.0	1613.5*	50.0
2-Chloroethyl vinyl ether	Ave	0.1682	0.1670		19.9	20.0	-0.7	50.0
Epichlorohydrin	Ave	0.0273	0.0260		380	400	-4.9	50.0
cis-1,3-Dichloropropene	Ave	0.4960	0.4922		19.8	20.0	-0.8	50.0
4-Methyl-2-pentanone	Ave	0.2413	0.2154		17.9	20.0	-10.7	50.0
Toluene	Ave	2.085	2.055		19.7	20.0	-1.5	20.0
trans-1,3-Dichloropropene	LinF	0.5386	0.5191		16.9	20.0	-15.4	50.0
1,1,2-Trichloroethane	Ave	0.2811	0.2773		19.7	20.0	-1.4	50.0
Tetrachloroethene	Ave	0.5743	0.5770		20.1	20.0	0.5	50.0
1,3-Dichloropropane	Ave	0.5973	0.5794		19.4	20.0	-3.0	50.0
2-Hexanone	Ave	0.2204	0.2017		18.3	20.0	-8.5	50.0
Dibromochloromethane	Ave	0.3867	0.3726		19.3	20.0	-3.6	50.0
1,2-Dibromoethane	Ave	0.3379	0.3339		19.8	20.0	-1.2	50.0
Butyl acetate	Ave	0.5449	0.4663		34.2	40.0	-14.4	50.0
Chlorobenzene	Ave	1.299	1.283	0.3000	19.8	20.0	-1.2	50.0
1,1,1,2-Tetrachloroethane	LinF	0.4042	0.3872		16.6	20.0	-17.2	50.0
Ethylbenzene	Ave	0.7192	0.7195		20.0	20.0	0.0	20.0
m&p-Xylene	Ave	0.8935	0.8997		40.3	40.0	0.7	50.0
o-Xylene	Ave	0.8824	0.8739		19.8	20.0	-1.0	50.0
Styrene	Ave	1.454	1.473		20.3	20.0	1.3	50.0
Butyl acrylate	Ave	1.203	1.032		17.1	20.0	-14.3	50.0
Bromoform	QuaF	0.2462	0.2393	0.1000	17.2	20.0	-14.1	50.0
Amly acetate	Ave	0.3495	0.3148		18.0	20.0	-9.9	50.0
Isopropylbenzene	Ave	2.379	2.387		20.1	20.0	0.4	50.0
Camphene, Total	Ave	0.3405	0.3393		19.9	20.0	-0.4	50.0
Monobromobenzene	Ave	1.011	0.9938		19.7	20.0	-1.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7520	0.7209	0.3000	19.2	20.0	-4.1	50.0
1,2,3-Trichloropropane	Ave	0.2286	0.2126		18.6	20.0	-7.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0904	0.0895		19.8	20.0	-1.0	50.0
N-Propylbenzene	Ave	4.923	4.999		20.3	20.0	1.5	50.0
2-Chlorotoluene	Ave	2.754	2.714		19.7	20.0	-1.5	50.0
p-Ethyltoluene	Ave	1.828	1.861		20.4	20.0	1.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122620/16 Calibration Date: 08/03/2012 18:50

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63011.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	2.821	2.813		19.9	20.0	-0.3	50.0
1,3,5-Trimethylbenzene	Ave	3.383	3.355		19.8	20.0	-0.8	50.0
Butyl Methacrylate	LinF	0.9920	0.9452		15.9	20.0	-20.4	50.0
tert-Butylbenzene	Ave	3.133	3.159		20.2	20.0	0.8	50.0
1,2,4-Trimethylbenzene	Ave	3.393	3.350		19.7	20.0	-1.3	50.0
sec-Butylbenzene	Ave	4.744	4.794		20.2	20.0	1.0	50.0
1,3-Dichlorobenzene	Ave	2.016	2.023		20.1	20.0	0.4	50.0
1,4-Dichlorobenzene	Ave	2.006	2.002		20.0	20.0	-0.2	50.0
p-Isopropyltoluene	Ave	3.932	4.073		20.7	20.0	3.6	50.0
Benzyl chloride	LinF	1.259	1.242		15.6	20.0	-22.2	50.0
1,2-Dichlorobenzene	Ave	1.881	1.902		20.2	20.0	1.1	50.0
1,4-Diethylbenzene	Ave	1.101	1.094		19.9	20.0	-0.7	50.0
n-Butylbenzene	Ave	4.396	4.452		20.3	20.0	1.3	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1757	0.1709		20.3	20.0	1.6	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.616	1.662		20.6	20.0	2.9	50.0
Camphor	Ave	0.0846	0.0823		97.2	100	-2.8	50.0
1,2,4-Trichlorobenzene	Ave	1.543	1.574		20.4	20.0	2.0	50.0
Hexachlorobutadiene	Ave	0.9775	1.046		21.4	20.0	7.0	50.0
Naphthalene	Ave	3.002	3.049		20.3	20.0	1.6	50.0
1,2,3-Trichlorobenzene	Ave	1.396	1.437		20.6	20.0	3.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2054	0.1918		46.7	50.0	-6.7	50.0
Toluene-d8 (Surr)	Ave	1.014	1.009		49.7	50.0	-0.5	50.0
Bromofluorobenzene	Ave	0.7005	0.7223		51.6	50.0	3.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123008/2 Calibration Date: 08/07/2012 18:44

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63143.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3957	0.3206		16.2	20.0	-19.0	50.0
Chloromethane	Ave	0.4681	0.3532	0.1000	15.1	20.0	-24.5	50.0
Vinyl chloride	LinF	0.4166	0.3456		16.5	20.0	-17.7	20.0
Bromomethane	LinF	0.2505	0.2173		17.5	20.0	-12.3	50.0
Chloroethane	Ave	0.2129	0.2199		20.7	20.0	3.3	50.0
Dichlorofluoromethane	Ave	0.6746	0.6531		19.4	20.0	-3.2	50.0
Trichlorofluoromethane	Ave	0.5776	0.4984		17.3	20.0	-13.7	50.0
n-Pentane	Ave	0.1703	0.0721		33.9	40.0	-57.7*	50.0
Ethanol	Ave	0.0017	0.0016		2870	3000	-4.2	50.0
Ethyl ether	Ave	0.2652	0.2610		19.7	20.0	-1.6	50.0
Isopropene	Ave	0.5271	0.5039		19.1	20.0	-4.4	50.0
Acrolein	Ave	0.0417	0.0407		293	300	-2.4	99.0
1,1-Dichloroethene	Ave	0.3032	0.2759		18.2	20.0	-9.0	20.0
Freon TF	Ave	0.3850	0.3622		18.8	20.0	-5.9	50.0
Acetone	QuaF	0.0910	0.0996		26.0	20.0	30.1	50.0
Iodomethane	Ave	0.4618	0.4108		17.8	20.0	-11.1	50.0
Carbon disulfide	Ave	1.080	0.9633		17.8	20.0	-10.8	50.0
Acetonitrile	Ave	0.0752	0.0854		454	400	13.6	50.0
Methyl acetate	Ave	0.0580	0.0681		23.5	20.0	17.3	50.0
Methylene Chloride	LinF	0.4026	0.3312		20.3	20.0	1.5	50.0
TBA	Ave	0.0325	0.0335		413	400	3.2	50.0
Acrylonitrile	Ave	0.1062	0.1003		142	150	-5.5	50.0
trans-1,2-Dichloroethene	Ave	0.3764	0.3467		18.4	20.0	-7.9	50.0
MTBE	Ave	0.8460	0.9255		21.9	20.0	9.4	50.0
Hexane	Ave	0.2912	0.2659		18.3	20.0	-8.7	50.0
1,1-Dichloroethane	Ave	0.6454	0.6329	0.1000	19.6	20.0	-1.9	50.0
Vinyl acetate	Ave	1.489	0.7781		41.8	40.0	-47.7	50.0
DIPE	Ave	1.066	1.175		22.0	20.0	10.2	50.0
Tert-butyl ethyl ether	Ave	0.9021	0.9804	0.0100	21.7	20.0	8.7	50.0
2,2-Dichloropropane	Ave	0.5642	0.5199		18.4	20.0	-7.8	50.0
cis-1,2-Dichloroethene	Ave	0.4097	0.3963		19.3	20.0	-3.3	50.0
2-Butanone	Ave	0.0353	0.0424		24.0	20.0	20.1	50.0
Ethyl acetate	Ave	0.0262	0.0299		45.7	40.0	14.2	50.0
Bromochloromethane	Ave	0.1856	0.1735		18.7	20.0	-6.5	50.0
Tetrahydrofuran	LinF	0.1283	0.1299		27.8	20.0	38.9	50.0
Chloroform	Ave	0.6280	0.6016		19.2	20.0	-4.2	20.0
1,1,1-Trichloroethane	Ave	0.5458	0.5262		19.3	20.0	-3.6	50.0
Cyclohexane	Ave	0.7019	0.6623		18.9	20.0	-5.7	50.0
1,1-Dichloropropene	Ave	0.5292	0.5183		19.6	20.0	-2.1	50.0
Carbon tetrachloride	Ave	0.4549	0.4220		18.6	20.0	-7.2	50.0
Benzene	Ave	1.416	1.456		20.6	20.0	2.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123008/2 Calibration Date: 08/07/2012 18:44

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63143.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4039	0.3779		18.7	20.0	-6.4	50.0
Isopropyl acetate	Ave	0.5655	0.6601		46.7	40.0	16.7	50.0
Tert-amyl methyl ether	Ave	0.7641	0.8731		22.9	20.0	14.3	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.2734	0.1453		42.5	40.0	-46.9	50.0
Trichloroethene	Ave	0.3583	0.3522		19.7	20.0	-1.7	50.0
n-Butanol	Ave	0.0043	0.0045		1590	1500	5.7	50.0
Ethyl acrylate	Ave	0.0149	0.0171		23.0	20.0	15.2	50.0
Methylcyclohexane	Ave	0.6824	0.6867		20.1	20.0	0.6	50.0
1,2-Dichloropropane	Ave	0.3330	0.3328		20.0	20.0	-0.0	20.0
Dibromomethane	Ave	0.1826	0.1857		20.3	20.0	1.7	50.0
1,4-Dioxane	Ave	0.0039	0.0044		172	150	14.6	50.0
Methyl methacrylate	Ave	0.1834	0.2098		22.9	20.0	14.4	50.0
Propyl acetate	Ave	0.1828	0.4086		44.7	20.0	123.5*	50.0
Bromodichloromethane	Ave	0.4228	0.4107		19.4	20.0	-2.8	50.0
2-Chloroethyl vinyl ether	Ave	0.1682	0.2256		26.8	20.0	34.2	50.0
Epichlorohydrin	Ave	0.0273	0.0314		460	400	15.1	50.0
cis-1,3-Dichloropropene	Ave	0.4960	0.5296		21.4	20.0	6.8	50.0
4-Methyl-2-pentanone	Ave	0.2413	0.2785		23.1	20.0	15.4	50.0
Toluene	Ave	2.085	2.068		19.8	20.0	-0.8	20.0
trans-1,3-Dichloropropene	LinF	0.5386	0.5539		18.1	20.0	-9.7	50.0
1,1,2-Trichloroethane	Ave	0.2811	0.3052		21.7	20.0	8.6	50.0
Tetrachloroethene	Ave	0.5743	0.5637		19.6	20.0	-1.8	50.0
1,3-Dichloropropane	Ave	0.5973	0.6296		21.1	20.0	5.4	50.0
2-Hexanone	Ave	0.2204	0.2488		22.6	20.0	12.9	50.0
Dibromochloromethane	Ave	0.3867	0.3879		20.1	20.0	0.3	50.0
Butyl acetate	Ave	0.5449	0.5821		42.7	40.0	6.8	50.0
1,2-Dibromoethane	Ave	0.3379	0.3584		21.2	20.0	6.1	50.0
Chlorobenzene	Ave	1.299	1.322	0.3000	20.4	20.0	1.8	50.0
1,1,1,2-Tetrachloroethane	LinF	0.4042	0.4301		18.4	20.0	-8.0	50.0
Ethylbenzene	Ave	0.7192	0.7387		20.5	20.0	2.7	20.0
m&p-Xylene	Ave	0.8935	0.9260		41.5	40.0	3.6	50.0
o-Xylene	Ave	0.8824	0.8950		20.3	20.0	1.4	50.0
Styrene	Ave	1.454	1.522		20.9	20.0	4.7	50.0
Butyl acrylate	Ave	1.203	1.288		21.4	20.0	7.1	50.0
Bromoform	QuaF	0.2462	0.2538	0.1000	18.2	20.0	-8.9	50.0
Amly acetate	Ave	0.3495	0.3797		21.7	20.0	8.7	50.0
Isopropylbenzene	Ave	2.379	2.419		20.3	20.0	1.7	50.0
Camphene, Total	Ave	0.3405	0.3319		19.5	20.0	-2.5	50.0
Monobromobenzene	Ave	1.011	1.010		20.0	20.0	-0.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7520	0.8172	0.3000	21.7	20.0	8.7	50.0
1,2,3-Trichloropropane	Ave	0.2286	0.2459		21.5	20.0	7.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123008/2 Calibration Date: 08/07/2012 18:44

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63143.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.0904	0.1008		22.3	20.0	11.4	50.0
N-Propylbenzene	Ave	4.923	5.134		20.9	20.0	4.3	50.0
2-Chlorotoluene	Ave	2.754	2.851		20.7	20.0	3.5	50.0
p-Ethyltoluene	Ave	1.828	1.957		21.4	20.0	7.1	50.0
4-Chlorotoluene	Ave	2.821	2.912		20.6	20.0	3.2	50.0
1,3,5-Trimethylbenzene	Ave	3.383	3.462		20.5	20.0	2.3	50.0
Butyl Methacrylate	LinF	0.9920	1.177		19.8	20.0	-0.9	50.0
tert-Butylbenzene	Ave	3.133	3.177		20.3	20.0	1.4	50.0
1,2,4-Trimethylbenzene	Ave	3.393	3.512		20.7	20.0	3.5	50.0
sec-Butylbenzene	Ave	4.744	4.806		20.3	20.0	1.3	50.0
1,3-Dichlorobenzene	Ave	2.016	2.084		20.7	20.0	3.4	50.0
1,4-Dichlorobenzene	Ave	2.006	2.107		21.0	20.0	5.1	50.0
p-Isopropyltoluene	Ave	3.932	4.018		20.4	20.0	2.2	50.0
Benzyl chloride	LinF	1.259	1.505		18.8	20.0	-5.8	50.0
1,2-Dichlorobenzene	Ave	1.881	1.940		20.6	20.0	3.1	50.0
1,4-Diethylbenzene	Ave	1.101	1.169		21.2	20.0	6.2	50.0
n-Butylbenzene	Ave	4.396	4.546		20.7	20.0	3.4	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1757	0.1903		22.6	20.0	13.1	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.616	1.796		22.2	20.0	11.2	50.0
Camphor	Ave	0.0846	0.1096		129	100	29.5	50.0
1,2,4-Trichlorobenzene	Ave	1.543	1.687		21.9	20.0	9.3	50.0
Hexachlorobutadiene	Ave	0.9775	0.9567		19.6	20.0	-2.1	50.0
Naphthalene	Ave	3.002	3.333		22.2	20.0	11.0	50.0
1,2,3-Trichlorobenzene	Ave	1.396	1.482		21.2	20.0	6.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2054	0.1842		44.8	50.0	-10.4	50.0
Toluene-d8 (Surr)	Ave	1.014	1.005		49.5	50.0	-0.9	50.0
Bromofluorobenzene	Ave	0.7005	0.7196		51.4	50.0	2.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123371/2 Calibration Date: 08/09/2012 19:33

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63238.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3957	0.3501		17.7	20.0	-11.5	50.0
Chloromethane	Ave	0.4681	0.4176	0.1000	17.8	20.0	-10.8	50.0
Vinyl chloride	LinF	0.4166	0.4230		20.1	20.0	0.7	20.0
Bromomethane	LinF	0.2505	0.2640		21.3	20.0	6.5	50.0
Chloroethane	Ave	0.2129	0.2563		24.1	20.0	20.4	50.0
Dichlorofluoromethane	Ave	0.6746	0.6758		20.0	20.0	0.2	50.0
Trichlorofluoromethane	Ave	0.5776	0.5818		20.1	20.0	0.7	50.0
Ethanol	Ave	0.0017	0.0014		2450	3000	-18.4	50.0
Ethyl ether	Ave	0.2652	0.2604		19.6	20.0	-1.8	50.0
Isopropene	Ave	0.5271	0.5041		19.1	20.0	-4.4	50.0
Acrolein	Ave	0.0417	0.0360		259	300	-13.6	99.0
1,1-Dichloroethene	Ave	0.3032	0.2542		16.8	20.0	-16.2	20.0
Freon TF	Ave	0.3850	0.3823		19.9	20.0	-0.7	50.0
Acetone	QuaF	0.0910	0.0888		23.2	20.0	16.0	50.0
Iodomethane	Ave	0.4618	0.4085		17.7	20.0	-11.6	50.0
Carbon disulfide	Ave	1.080	0.9061		16.8	20.0	-16.1	50.0
Acetonitrile	Ave	0.0752	0.0740		393	400	-1.7	50.0
Methyl acetate	Ave	0.0580	0.0646		22.2	20.0	11.2	50.0
Methylene Chloride	LinF	0.4026	0.3268		20.0	20.0	0.1	50.0
TBA	Ave	0.0325	0.0299		368	400	-7.9	50.0
Acrylonitrile	Ave	0.1062	0.0928		131	150	-12.6	50.0
trans-1,2-Dichloroethene	Ave	0.3764	0.3196		17.0	20.0	-15.1	50.0
MTBE	Ave	0.8460	0.9191		21.7	20.0	8.6	50.0
Hexane	Ave	0.2912	0.2508		17.2	20.0	-13.9	50.0
1,1-Dichloroethane	Ave	0.6454	0.5780	0.1000	17.9	20.0	-10.4	50.0
DIPE	Ave	1.066	1.189		22.3	20.0	11.6	50.0
Tert-butyl ethyl ether	Ave	0.9021	0.9792	0.0100	21.7	20.0	8.5	50.0
2,2-Dichloropropane	Ave	0.5642	0.4751		16.8	20.0	-15.8	50.0
cis-1,2-Dichloroethene	Ave	0.4097	0.3768		18.4	20.0	-8.0	50.0
2-Butanone	Ave	0.0353	0.0418		23.7	20.0	18.4	50.0
Ethyl acetate	Ave	0.0262	0.0307		46.9	40.0	17.2	50.0
Bromochloromethane	Ave	0.1856	0.1629		17.6	20.0	-12.2	50.0
Tetrahydrofuran	LinF	0.1283	0.1162		24.9	20.0	24.3	50.0
Chloroform	Ave	0.6280	0.5561		17.7	20.0	-11.5	20.0
1,1,1-Trichloroethane	Ave	0.5458	0.4943		18.1	20.0	-9.4	50.0
Cyclohexane	Ave	0.7019	0.6595		18.8	20.0	-6.0	50.0
1,1-Dichloropropene	Ave	0.5292	0.4743		17.9	20.0	-10.4	50.0
Carbon tetrachloride	Ave	0.4549	0.4020		17.7	20.0	-11.6	50.0
Benzene	Ave	1.416	1.339		18.9	20.0	-5.4	50.0
1,2-Dichloroethane	Ave	0.4039	0.3530		17.5	20.0	-12.6	50.0
Isopropyl acetate	Ave	0.5655	0.6668		47.2	40.0	17.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123371/2 Calibration Date: 08/09/2012 19:33

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63238.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.7641	0.8919		23.3	20.0	16.7	50.0
Trichloroethene	Ave	0.3583	0.3236		18.1	20.0	-9.7	50.0
n-Butanol	Ave	0.0043	0.0042		1480	1500	-1.6	50.0
Ethyl acrylate	Ave	0.0149	0.0191		25.8	20.0	28.8	50.0
Methylcyclohexane	Ave	0.6824	0.6835		20.0	20.0	0.2	50.0
1,2-Dichloropropane	Ave	0.3330	0.3167		19.0	20.0	-4.9	20.0
Dibromomethane	Ave	0.1826	0.1714		18.8	20.0	-6.1	50.0
1,4-Dioxane	Ave	0.0039	0.0036		141	150	-5.7	50.0
Methyl methacrylate	Ave	0.1834	0.2135		23.3	20.0	16.4	50.0
Bromodichloromethane	Ave	0.4228	0.4039		19.1	20.0	-4.5	50.0
2-Chloroethyl vinyl ether	Ave	0.1682	0.2211		26.3	20.0	31.5	50.0
Epichlorohydrin	Ave	0.0273	0.0306		448	400	12.1	50.0
cis-1,3-Dichloropropene	Ave	0.4960	0.4996		20.1	20.0	0.7	50.0
4-Methyl-2-pentanone	Ave	0.2413	0.2745		22.7	20.0	13.7	50.0
Toluene	Ave	2.085	1.957		18.8	20.0	-6.1	20.0
trans-1,3-Dichloropropene	LinF	0.5386	0.5233		17.1	20.0	-14.7	50.0
1,1,2-Trichloroethane	Ave	0.2811	0.2920		20.8	20.0	3.9	50.0
Tetrachloroethene	Ave	0.5743	0.5269		18.3	20.0	-8.3	50.0
1,3-Dichloropropane	Ave	0.5973	0.5833		19.5	20.0	-2.3	50.0
2-Hexanone	Ave	0.2204	0.2427		22.0	20.0	10.1	50.0
Dibromochloromethane	Ave	0.3867	0.3999		20.7	20.0	3.4	50.0
Butyl acetate	Ave	0.5449	0.5751		42.2	40.0	5.5	50.0
1,2-Dibromoethane	Ave	0.3379	0.3304		19.6	20.0	-2.2	50.0
Chlorobenzene	Ave	1.299	1.247	0.3000	19.2	20.0	-4.0	50.0
1,1,1,2-Tetrachloroethane	LinF	0.4042	0.4088		17.5	20.0	-12.5	50.0
Ethylbenzene	Ave	0.7192	0.6759		18.8	20.0	-6.0	20.0
m&p-Xylene	Ave	0.8935	0.8497		38.0	40.0	-4.9	50.0
o-Xylene	Ave	0.8824	0.8211		18.6	20.0	-6.9	50.0
Styrene	Ave	1.454	1.439		19.8	20.0	-1.1	50.0
Butyl acrylate	Ave	1.203	1.299		21.6	20.0	8.0	50.0
Bromoform	QuaF	0.2462	0.2507	0.1000	18.0	20.0	-10.0	50.0
Amly acetate	Ave	0.3495	0.3923		22.5	20.0	12.3	50.0
Isopropylbenzene	Ave	2.379	2.244		18.9	20.0	-5.6	50.0
Camphene, Total	Ave	0.3405	0.3325		19.5	20.0	-2.4	50.0
Monobromobenzene	Ave	1.011	0.9696		19.2	20.0	-4.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7520	0.7562	0.3000	20.1	20.0	0.6	50.0
1,2,3-Trichloropropane	Ave	0.2286	0.2262		19.8	20.0	-1.1	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0904	0.0981		21.7	20.0	8.5	50.0
N-Propylbenzene	Ave	4.923	4.752		19.3	20.0	-3.5	50.0
2-Chlorotoluene	Ave	2.754	2.620		19.0	20.0	-4.9	50.0
p-Ethyltoluene	Ave	1.828	1.968		21.5	20.0	7.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123371/2 Calibration Date: 08/09/2012 19:33

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63238.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	2.821	2.691		19.1	20.0	-4.6	50.0
1,3,5-Trimethylbenzene	Ave	3.383	3.144		18.6	20.0	-7.1	50.0
Butyl Methacrylate	LinF	0.9920	1.174		19.8	20.0	-1.1	50.0
tert-Butylbenzene	Ave	3.133	3.009		19.2	20.0	-4.0	50.0
1,2,4-Trimethylbenzene	Ave	3.393	3.254		19.2	20.0	-4.1	50.0
sec-Butylbenzene	Ave	4.744	4.478		18.9	20.0	-5.6	50.0
1,3-Dichlorobenzene	Ave	2.016	1.956		19.4	20.0	-3.0	50.0
1,4-Dichlorobenzene	Ave	2.006	1.988		19.8	20.0	-0.9	50.0
p-Isopropyltoluene	Ave	3.932	3.773		19.2	20.0	-4.1	50.0
Benzyl chloride	LinF	1.259	1.521		19.0	20.0	-4.8	50.0
1,2-Dichlorobenzene	Ave	1.881	1.810		19.2	20.0	-3.8	50.0
1,4-Diethylbenzene	Ave	1.101	1.198		21.8	20.0	8.8	50.0
n-Butylbenzene	Ave	4.396	4.249		19.3	20.0	-3.4	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1757	0.1743		20.7	20.0	3.6	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.616	1.801		22.3	20.0	11.5	50.0
Camphor	Ave	0.0846	0.1014		120	100	19.8	50.0
1,2,4-Trichlorobenzene	Ave	1.543	1.523		19.7	20.0	-1.3	50.0
Hexachlorobutadiene	Ave	0.9775	0.9128		18.7	20.0	-6.6	50.0
Naphthalene	Ave	3.002	3.012		20.1	20.0	0.3	50.0
1,2,3-Trichlorobenzene	Ave	1.396	1.385		19.8	20.0	-0.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2054	0.1837		44.7	50.0	-10.6	50.0
Toluene-d8 (Surr)	Ave	1.014	1.018		50.2	50.0	0.4	50.0
Bromofluorobenzene	Ave	0.7005	0.7048		50.3	50.0	0.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123432/2 Calibration Date: 08/10/2012 07:36

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63264.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3957	0.3041		15.4	20.0	-23.1	50.0
Chloromethane	Ave	0.4681	0.3580	0.1000	15.3	20.0	-23.5	50.0
Vinyl chloride	LinF	0.4166	0.3523		16.8	20.0	-16.1	20.0
Bromomethane	LinF	0.2505	0.2147		17.3	20.0	-13.4	50.0
Chloroethane	Ave	0.2129	0.2036		19.1	20.0	-4.4	50.0
Dichlorofluoromethane	Ave	0.6746	0.5766		17.1	20.0	-14.5	50.0
Trichlorofluoromethane	Ave	0.5776	0.4883		16.9	20.0	-15.5	50.0
Ethanol	Ave	0.0017	0.0015		2590	3000	-13.8	50.0
Ethyl ether	Ave	0.2652	0.2285		17.2	20.0	-13.8	50.0
Isopropene	Ave	0.5271	0.4248		16.1	20.0	-19.4	50.0
Acrolein	Ave	0.0417	0.0350		252	300	-16.1	99.0
1,1-Dichloroethene	Ave	0.3032	0.2539		16.7	20.0	-16.3	20.0
Freon TF	Ave	0.3850	0.3345		17.4	20.0	-13.1	50.0
Acetone	QuaF	0.0910	0.0815		21.3	20.0	6.4	50.0
Iodomethane	Ave	0.4618	0.2959		12.8	20.0	-35.9	50.0
Carbon disulfide	Ave	1.080	0.7136		13.2	20.0	-33.9	50.0
Acetonitrile	Ave	0.0752	0.0734		390	400	-2.4	50.0
Methyl acetate	Ave	0.0580	0.0549		18.9	20.0	-5.4	50.0
Methylene Chloride	LinF	0.4026	0.3209		19.7	20.0	-1.7	50.0
TBA	Ave	0.0325	0.0288		354	400	-11.5	50.0
Acrylonitrile	Ave	0.1062	0.0952		134	150	-10.4	50.0
trans-1,2-Dichloroethene	Ave	0.3764	0.3162		16.8	20.0	-16.0	50.0
MTBE	Ave	0.8460	0.8152		19.3	20.0	-3.6	50.0
Hexane	Ave	0.2912	0.2213		15.2	20.0	-24.0	50.0
1,1-Dichloroethane	Ave	0.6454	0.5606	0.1000	17.4	20.0	-13.1	50.0
DIPE	Ave	1.066	1.018		19.1	20.0	-4.5	50.0
Tert-butyl ethyl ether	Ave	0.9021	0.8993	0.0100	19.9	20.0	-0.3	50.0
2,2-Dichloropropane	Ave	0.5642	0.4621		16.4	20.0	-18.1	50.0
cis-1,2-Dichloroethene	Ave	0.4097	0.3689		18.0	20.0	-9.9	50.0
2-Butanone	Ave	0.0353	0.0302		17.1	20.0	-14.3	50.0
Ethyl acetate	Ave	0.0262	0.0271		41.4	40.0	3.5	50.0
Bromochloromethane	Ave	0.1856	0.1604		17.3	20.0	-13.6	50.0
Tetrahydrofuran	LinF	0.1283	0.1058		22.6	20.0	13.2	50.0
Chloroform	Ave	0.6280	0.5549		17.7	20.0	-11.6	20.0
1,1,1-Trichloroethane	Ave	0.5458	0.4849		17.8	20.0	-11.2	50.0
Cyclohexane	Ave	0.7019	0.5726		16.3	20.0	-18.4	50.0
1,1-Dichloropropene	Ave	0.5292	0.4723		17.8	20.0	-10.8	50.0
Carbon tetrachloride	Ave	0.4549	0.3936		17.3	20.0	-13.5	50.0
Benzene	Ave	1.416	1.335		18.9	20.0	-5.7	50.0
1,2-Dichloroethane	Ave	0.4039	0.3531		17.5	20.0	-12.6	50.0
Isopropyl acetate	Ave	0.5655	0.6070		42.9	40.0	7.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123432/2 Calibration Date: 08/10/2012 07:36

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63264.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.7641	0.8024		21.0	20.0	5.0	50.0
Trichloroethene	Ave	0.3583	0.3223		18.0	20.0	-10.1	50.0
n-Butanol	Ave	0.0043	0.0047		1640	1500	9.4	50.0
Ethyl acrylate	Ave	0.0149	0.0173		23.3	20.0	16.6	50.0
Methylcyclohexane	Ave	0.6824	0.6097		17.9	20.0	-10.6	50.0
1,2-Dichloropropane	Ave	0.3330	0.3278		19.7	20.0	-1.6	20.0
Dibromomethane	Ave	0.1826	0.1697		18.6	20.0	-7.1	50.0
Methyl methacrylate	Ave	0.1834	0.1893		20.6	20.0	3.2	50.0
1,4-Dioxane	Ave	0.0039	0.0037		145	150	-3.2	50.0
Bromodichloromethane	Ave	0.4228	0.3848		18.2	20.0	-9.0	50.0
2-Chloroethyl vinyl ether	Ave	0.1682	0.1972		23.4	20.0	17.2	50.0
Epichlorohydrin	Ave	0.0273	0.0264		387	400	-3.2	50.0
cis-1,3-Dichloropropene	Ave	0.4960	0.4976		20.1	20.0	0.3	50.0
4-Methyl-2-pentanone	Ave	0.2413	0.2480		20.6	20.0	2.8	50.0
Toluene	Ave	2.085	1.912		18.3	20.0	-8.3	20.0
trans-1,3-Dichloropropene	LinF	0.5386	0.5225		17.0	20.0	-14.9	50.0
1,1,2-Trichloroethane	Ave	0.2811	0.2792		19.9	20.0	-0.7	50.0
Tetrachloroethene	Ave	0.5743	0.5173		18.0	20.0	-9.9	50.0
1,3-Dichloropropane	Ave	0.5973	0.6080		20.4	20.0	1.8	50.0
2-Hexanone	Ave	0.2204	0.2240		20.3	20.0	1.6	50.0
Dibromochloromethane	Ave	0.3867	0.3793		19.6	20.0	-1.9	50.0
1,2-Dibromoethane	Ave	0.3379	0.3298		19.5	20.0	-2.4	50.0
Butyl acetate	Ave	0.5449	0.5321		39.1	40.0	-2.4	50.0
Chlorobenzene	Ave	1.299	1.219	0.3000	18.8	20.0	-6.2	50.0
1,1,1,2-Tetrachloroethane	LinF	0.4042	0.4228		18.1	20.0	-9.5	50.0
Ethylbenzene	Ave	0.7192	0.6590		18.3	20.0	-8.4	20.0
m&p-Xylene	Ave	0.8935	0.8526		38.2	40.0	-4.6	50.0
o-Xylene	Ave	0.8824	0.8236		18.7	20.0	-6.7	50.0
Styrene	Ave	1.454	1.386		19.1	20.0	-4.7	50.0
Butyl acrylate	Ave	1.203	1.195		19.9	20.0	-0.7	50.0
Bromoform	QuaF	0.2462	0.2447	0.1000	17.6	20.0	-12.1	50.0
Amly acetate	Ave	0.3495	0.3266		18.7	20.0	-6.5	50.0
Isopropylbenzene	Ave	2.379	2.249		18.9	20.0	-5.5	50.0
Camphene, Total	Ave	0.3405	0.3091		18.2	20.0	-9.2	50.0
Monobromobenzene	Ave	1.011	0.9334		18.5	20.0	-7.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7520	0.7882	0.3000	21.0	20.0	4.8	50.0
1,2,3-Trichloropropane	Ave	0.2286	0.2242		19.6	20.0	-1.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0904	0.0888		19.6	20.0	-1.8	50.0
N-Propylbenzene	Ave	4.923	4.756		19.3	20.0	-3.4	50.0
2-Chlorotoluene	Ave	2.754	2.596		18.9	20.0	-5.7	50.0
p-Ethyltoluene	Ave	1.828	1.687		18.5	20.0	-7.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123432/2 Calibration Date: 08/10/2012 07:36

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63264.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	2.821	2.710		19.2	20.0	-3.9	50.0
1,3,5-Trimethylbenzene	Ave	3.383	3.187		18.8	20.0	-5.8	50.0
Butyl Methacrylate	LinF	0.9920	1.045		17.6	20.0	-12.0	50.0
tert-Butylbenzene	Ave	3.133	3.032		19.4	20.0	-3.2	50.0
1,2,4-Trimethylbenzene	Ave	3.393	3.240		19.1	20.0	-4.5	50.0
sec-Butylbenzene	Ave	4.744	4.575		19.3	20.0	-3.6	50.0
1,3-Dichlorobenzene	Ave	2.016	1.910		18.9	20.0	-5.3	50.0
1,4-Dichlorobenzene	Ave	2.006	1.907		19.0	20.0	-4.9	50.0
p-Isopropyltoluene	Ave	3.932	3.758		19.1	20.0	-4.4	50.0
Benzyl chloride	LinF	1.259	1.291		16.2	20.0	-19.2	50.0
1,2-Dichlorobenzene	Ave	1.881	1.798		19.1	20.0	-4.4	50.0
1,4-Diethylbenzene	Ave	1.101	1.026		18.6	20.0	-6.8	50.0
n-Butylbenzene	Ave	4.396	4.214		19.2	20.0	-4.1	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1757	0.2064		24.5	20.0	22.7	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.616	1.523		18.9	20.0	-5.7	50.0
Camphor	Ave	0.0846	0.0860		102	100	1.6	50.0
1,2,4-Trichlorobenzene	Ave	1.543	1.535		19.9	20.0	-0.5	50.0
Hexachlorobutadiene	Ave	0.9775	0.9139		18.7	20.0	-6.5	50.0
Naphthalene	Ave	3.002	3.067		20.4	20.0	2.2	50.0
1,2,3-Trichlorobenzene	Ave	1.396	1.379		19.8	20.0	-1.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2054	0.1561		38.0	50.0	-24.0	50.0
Toluene-d8 (Surr)	Ave	1.014	0.8305		41.0	50.0	-18.1	50.0
Bromofluorobenzene	Ave	0.7005	0.5852		41.8	50.0	-16.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123838/2 Calibration Date: 08/13/2012 18:21

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63348.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3957	0.3383		17.1	20.0	-14.5	50.0
Chloromethane	Ave	0.4681	0.4194	0.1000	17.9	20.0	-10.4	50.0
Vinyl chloride	LinF	0.4166	0.4057		19.3	20.0	-3.4	20.0
Bromomethane	LinF	0.2505	0.2626		21.2	20.0	6.0	50.0
Chloroethane	Ave	0.2129	0.2545		23.9	20.0	19.5	50.0
Dichlorofluoromethane	Ave	0.6746	0.6892		20.4	20.0	2.2	50.0
Trichlorofluoromethane	Ave	0.5776	0.5974		20.7	20.0	3.4	50.0
n-Pentane	Ave	0.1703	0.0897		42.1	40.0	-47.3	50.0
Ethanol	Ave	0.0017	0.0017		3010	3000	0.4	50.0
Ethyl ether	Ave	0.2652	0.2808		21.2	20.0	5.9	50.0
Isopropene	Ave	0.5271	0.5443		20.6	20.0	3.2	50.0
Acrolein	Ave	0.0417	0.0350		252	300	-16.0	99.0
1,1-Dichloroethene	Ave	0.3032	0.2759		18.2	20.0	-9.0	20.0
Freon TF	Ave	0.3850	0.3921		20.4	20.0	1.9	50.0
Acetone	QuaF	0.0910	0.0864		22.6	20.0	12.9	50.0
Iodomethane	Ave	0.4618	0.4470		19.4	20.0	-3.2	50.0
Carbon disulfide	Ave	1.080	1.212		22.4	20.0	12.2	50.0
Acetonitrile	Ave	0.0752	0.0871		463	400	15.8	50.0
Methyl acetate	Ave	0.0580	0.0614		21.1	20.0	5.7	50.0
Methylene Chloride	LinF	0.4026	0.3432		21.0	20.0	5.1	50.0
TBA	Ave	0.0325	0.0304		374	400	-6.5	50.0
Acrylonitrile	Ave	0.1062	0.0980		138	150	-7.7	50.0
trans-1,2-Dichloroethene	Ave	0.3764	0.3598		19.1	20.0	-4.4	50.0
MTBE	Ave	0.8460	0.8944		21.1	20.0	5.7	50.0
Hexane	Ave	0.2912	0.3129		21.5	20.0	7.5	50.0
1,1-Dichloroethane	Ave	0.6454	0.6242	0.1000	19.3	20.0	-3.3	50.0
Vinyl acetate	Ave	1.489	0.8492		45.6	40.0	-43.0	50.0
DIPE	Ave	1.066	1.191		22.3	20.0	11.7	50.0
Tert-butyl ethyl ether	Ave	0.9021	0.996	0.0100	22.1	20.0	10.4	50.0
2,2-Dichloropropane	Ave	0.5642	0.5023		17.8	20.0	-11.0	50.0
cis-1,2-Dichloroethene	Ave	0.4097	0.4126		20.1	20.0	0.7	50.0
2-Butanone	Ave	0.0353	0.0383		21.7	20.0	8.7	50.0
Ethyl acetate	Ave	0.0262	0.0306		46.8	40.0	17.0	50.0
Bromochloromethane	Ave	0.1856	0.1810		19.5	20.0	-2.5	50.0
Tetrahydrofuran	LinF	0.1283	0.1040		22.3	20.0	11.3	50.0
Chloroform	Ave	0.6280	0.6122		19.5	20.0	-2.5	20.0
1,1,1-Trichloroethane	Ave	0.5458	0.5277		19.3	20.0	-3.3	50.0
Cyclohexane	Ave	0.7019	0.7690		21.9	20.0	9.5	50.0
1,1-Dichloropropene	Ave	0.5292	0.5152		19.5	20.0	-2.6	50.0
Carbon tetrachloride	Ave	0.4549	0.4259		18.7	20.0	-6.4	50.0
Benzene	Ave	1.416	1.462		20.7	20.0	3.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123838/2 Calibration Date: 08/13/2012 18:21

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63348.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4039	0.3869		19.2	20.0	-4.2	50.0
Isopropyl acetate	Ave	0.5655	0.6562		46.4	40.0	16.0	50.0
Tert-amyl methyl ether	Ave	0.7641	0.8641		22.6	20.0	13.1	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.2734	0.1513		44.3	40.0	-44.7	50.0
Trichloroethene	Ave	0.3583	0.3632		20.3	20.0	1.4	50.0
n-Butanol	Ave	0.0043	0.0045		1590	1500	5.8	50.0
Ethyl acrylate	Ave	0.0149	0.0193		26.0	20.0	29.9	50.0
Methylcyclohexane	Ave	0.6824	0.7491		22.0	20.0	9.8	50.0
1,2-Dichloropropane	Ave	0.3330	0.3378		20.3	20.0	1.4	20.0
Dibromomethane	Ave	0.1826	0.1813		19.9	20.0	-0.7	50.0
Methyl methacrylate	Ave	0.1834	0.2125		23.2	20.0	15.8	50.0
1,4-Dioxane	Ave	0.0039	0.0043		167	150	11.1	50.0
Bromodichloromethane	Ave	0.4228	0.4241		20.1	20.0	0.3	50.0
2-Chloroethyl vinyl ether	Ave	0.1682	0.2179		25.9	20.0	29.6	50.0
Epichlorohydrin	Ave	0.0273	0.0308		452	400	12.9	50.0
cis-1,3-Dichloropropene	Ave	0.4960	0.5185		20.9	20.0	4.5	50.0
4-Methyl-2-pentanone	Ave	0.2413	0.2649		22.0	20.0	9.8	50.0
Toluene	Ave	2.085	2.057		19.7	20.0	-1.3	20.0
trans-1,3-Dichloropropene	LinF	0.5386	0.5400		17.6	20.0	-12.0	50.0
1,1,2-Trichloroethane	Ave	0.2811	0.2985		21.2	20.0	6.2	50.0
Tetrachloroethene	Ave	0.5743	0.5605		19.5	20.0	-2.4	50.0
1,3-Dichloropropane	Ave	0.5973	0.6147		20.6	20.0	2.9	50.0
2-Hexanone	Ave	0.2204	0.2378		21.6	20.0	7.9	50.0
Dibromochloromethane	Ave	0.3867	0.3990		20.6	20.0	3.2	50.0
Butyl acetate	Ave	0.5449	0.5687		41.7	40.0	4.4	50.0
1,2-Dibromoethane	Ave	0.3379	0.3489		20.7	20.0	3.3	50.0
Chlorobenzene	Ave	1.299	1.298	0.3000	20.0	20.0	-0.1	50.0
1,1,1,2-Tetrachloroethane	LinF	0.4042	0.4132		17.7	20.0	-11.6	50.0
Ethylbenzene	Ave	0.7192	0.7256		20.2	20.0	0.9	20.0
m&p-Xylene	Ave	0.8935	0.9255		41.4	40.0	3.6	50.0
o-Xylene	Ave	0.8824	0.8723		19.8	20.0	-1.2	50.0
Styrene	Ave	1.454	1.471		20.2	20.0	1.2	50.0
Butyl acrylate	Ave	1.203	1.291		21.5	20.0	7.3	50.0
Bromoform	QuaF	0.2462	0.2441	0.1000	17.5	20.0	-12.3	50.0
Amly acetate	Ave	0.3495	0.3750		21.5	20.0	7.3	50.0
Isopropylbenzene	Ave	2.379	2.399		20.2	20.0	0.8	50.0
Camphene, Total	Ave	0.3405	0.3597		21.1	20.0	5.6	50.0
Monobromobenzene	Ave	1.011	1.032		20.4	20.0	2.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7520	0.7865	0.3000	20.9	20.0	4.6	50.0
1,2,3-Trichloropropane	Ave	0.2286	0.2224		19.5	20.0	-2.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0904	0.0981		21.7	20.0	8.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123838/2 Calibration Date: 08/13/2012 18:21

Instrument ID: VOAMS12 Calib Start Date: 07/21/2012 00:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/21/2012 02:40

Lab File ID: o63348.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Propylbenzene	Ave	4.923	5.106		20.7	20.0	3.7	50.0
2-Chlorotoluene	Ave	2.754	2.778		20.2	20.0	0.9	50.0
p-Ethyltoluene	Ave	1.828	1.990		21.8	20.0	8.9	50.0
4-Chlorotoluene	Ave	2.821	2.892		20.5	20.0	2.5	50.0
1,3,5-Trimethylbenzene	Ave	3.383	3.371		19.9	20.0	-0.4	50.0
Butyl Methacrylate	LinF	0.9920	1.147		19.3	20.0	-3.4	50.0
tert-Butylbenzene	Ave	3.133	3.138		20.0	20.0	0.2	50.0
1,2,4-Trimethylbenzene	Ave	3.393	3.473		20.5	20.0	2.3	50.0
sec-Butylbenzene	Ave	4.744	4.731		19.9	20.0	-0.3	50.0
1,3-Dichlorobenzene	Ave	2.016	2.010		19.9	20.0	-0.3	50.0
1,4-Dichlorobenzene	Ave	2.006	2.006		20.0	20.0	0.0	50.0
p-Isopropyltoluene	Ave	3.932	4.015		20.4	20.0	2.1	50.0
Benzyl chloride	LinF	1.259	1.495		18.7	20.0	-6.4	50.0
1,2-Dichlorobenzene	Ave	1.881	1.928		20.5	20.0	2.5	50.0
1,4-Diethylbenzene	Ave	1.101	1.198		21.8	20.0	8.8	50.0
n-Butylbenzene	Ave	4.396	4.578		20.8	20.0	4.1	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1757	0.1931		23.0	20.0	14.8	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.616	1.804		22.3	20.0	11.6	50.0
Camphor	Ave	0.0846	0.0942		111	100	11.4	50.0
1,2,4-Trichlorobenzene	Ave	1.543	1.583		20.5	20.0	2.6	50.0
Hexachlorobutadiene	Ave	0.9775	0.9577		19.6	20.0	-2.0	50.0
Naphthalene	Ave	3.002	3.199		21.3	20.0	6.6	50.0
1,2,3-Trichlorobenzene	Ave	1.396	1.446		20.7	20.0	3.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2054	0.1880		45.8	50.0	-8.5	50.0
Toluene-d8 (Surr)	Ave	1.014	1.001		49.4	50.0	-1.3	50.0
Bromofluorobenzene	Ave	0.7005	0.7086		50.6	50.0	1.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123251/2 Calibration Date: 08/09/2012 09:29

Instrument ID: VOAMS4 Calib Start Date: 08/07/2012 22:06

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/08/2012 00:00

Lab File ID: d23210.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.1769	0.2341		23.0	20.0	15.0	50.0
Chloromethane	Ave	0.2919	0.4257	0.1000	29.2	20.0	45.9	50.0
Vinyl chloride	Ave	0.2610	0.3036		23.3	20.0	16.3	20.0
Bromomethane	Ave	0.2218	0.2702		24.4	20.0	21.8	50.0
Chloroethane	Ave	0.1161	0.1335		23.0	20.0	15.0	50.0
n-Pentane	LinF	0.0276	0.0335		50.7	40.0	26.7	50.0
Trichlorofluoromethane	LinF	0.2508	0.2458		20.6	20.0	3.0	50.0
Isopropene	Ave	0.3278	0.3640		22.2	20.0	11.0	50.0
Ethyl ether	Ave	0.2645	0.3218		24.3	20.0	21.6	50.0
1,1-Dichloroethene	Ave	0.1860	0.1710		18.4	20.0	-8.1	20.0
Ethanol	Ave	0.0016	0.0011		2100	3000	-30.1	50.0
Carbon disulfide	Ave	0.6360	0.6690		21.0	20.0	5.2	50.0
Freon TF	LinF	0.1355	0.1251		15.4	20.0	-23.2	50.0
Iodomethane	Ave	0.4718	0.4837		20.5	20.0	2.5	50.0
Acrolein	Ave	0.0456	0.0541		47.5	40.0	18.7	99.0
Isopropanol	Ave	0.0180	0.0187		3110	3000	3.8	50.0
Methylene Chloride	Ave	0.2828	0.2777		19.6	20.0	-1.8	50.0
Acetone	QuaF	0.0381	0.0421		25.5	20.0	27.6	50.0
trans-1,2-Dichloroethene	Ave	0.3017	0.3209		21.3	20.0	6.4	50.0
Methyl acetate	Ave	0.5644	0.7551		26.8	20.0	33.8	50.0
Hexane	LinF	0.1432	0.1973		26.3	20.0	31.3	50.0
MTBE	Ave	0.5083	0.6373		25.1	20.0	25.4	50.0
TBA	Ave	0.0259	0.0321		495	400	23.7	50.0
Acetonitrile	Ave	0.0063	0.0058		368	400	-7.9	50.0
DIPE	Ave	0.7384	1.061		28.7	20.0	43.6	50.0
1,1-Dichloroethane	Ave	0.4728	0.5274	0.1000	22.3	20.0	11.6	50.0
Acrylonitrile	Ave	0.1089	0.1351		24.8	20.0	24.1	50.0
Tert-butyl ethyl ether	LinF	0.2608	0.3429	0.0100	33.5	20.0	67.5*	50.0
Vinyl acetate	LinF	0.9844	0.7114		28.3	40.0	-29.3	50.0
cis-1,2-Dichloroethene	Ave	0.3309	0.3449		20.8	20.0	4.2	50.0
2,2-Dichloropropane	Ave	0.2623	0.2929		22.3	20.0	11.7	50.0
Cyclohexane	Ave	0.2600	0.3461		26.6	20.0	33.1	50.0
Bromochloromethane	Ave	0.1800	0.1796		20.0	20.0	-0.2	50.0
Chloroform	Ave	0.5151	0.5434		21.1	20.0	5.5	20.0
Carbon tetrachloride	Ave	0.3262	0.3769		23.1	20.0	15.5	50.0
Ethyl acetate	Ave	0.0340	0.0434		51.0	40.0	27.6	50.0
Tetrahydrofuran	LinF	0.1577	0.1882		28.1	20.0	40.7	50.0
1,1,1-Trichloroethane	Ave	0.3408	0.3588		21.1	20.0	5.3	50.0
1,1-Dichloropropene	Ave	0.3660	0.3958		21.6	20.0	8.1	50.0
2-Butanone	Ave	0.0469	0.0610		26.0	20.0	30.0	50.0
n-Heptane	Ave	0.1293	0.1594		24.7	20.0	23.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123251/2 Calibration Date: 08/09/2012 09:29

Instrument ID: VOAMS4 Calib Start Date: 08/07/2012 22:06

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/08/2012 00:00

Lab File ID: d23210.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.539	1.845		24.0	20.0	19.9	50.0
Propionitrile	Ave	0.0402	0.0483		48.0	40.0	20.1	50.0
Methacrylonitrile	Ave	0.2480	0.1562		25.2	40.0	-37.0	50.0
Tert-amyl methyl ether	Ave	0.6708	0.8748		26.1	20.0	30.4	50.0
1,2-Dichloroethane	Ave	0.3486	0.3567		20.5	20.0	2.3	50.0
Isobutyl alcohol	Ave	0.0118	0.0125		3180	3000	6.1	50.0
2,4,4-Trimethyl-1-pentene	QuaF	0.0452	0.0650		35.3	40.0	-11.7	50.0
Isopropyl acetate	Ave	0.5229	0.6740		51.6	40.0	28.9	50.0
Methylcyclohexane	QuaF	0.3358	0.4305		20.6	20.0	2.9	50.0
Trichloroethene	Ave	0.2855	0.2861		20.0	20.0	0.2	50.0
Dibromomethane	Ave	0.1866	0.1869		20.0	20.0	0.2	50.0
n-Butanol	Ave	0.0039	0.0038		1450	1500	-3.1	50.0
1,2-Dichloropropane	Ave	0.2621	0.2812		21.5	20.0	7.3	20.0
Ethyl acrylate	Ave	0.3223	0.3904		24.2	20.0	21.1	50.0
Bromodichloromethane	Ave	0.3559	0.3540		19.9	20.0	-0.6	50.0
Methyl methacrylate	Ave	0.0842	0.0954		22.7	20.0	13.3	50.0
1,4-Dioxane	QuaF	0.0035	0.0028		125	150	-16.5	50.0
Propyl acetate	Ave	0.1673	0.4272		51.1	20.0	155.3*	50.0
2-Chloroethyl vinyl ether	Ave	0.1652	0.2005		24.3	20.0	21.4	50.0
cis-1,3-Dichloropropene	Ave	0.5871	0.6524		22.2	20.0	11.1	50.0
Toluene	Ave	1.674	1.821		21.8	20.0	8.8	20.0
Epichlorohydrin	Ave	0.0377	0.0515		545	400	36.4	50.0
Tetrachloroethene	Ave	0.4435	0.4802		21.7	20.0	8.3	50.0
4-Methyl-2-pentanone	Ave	0.3622	0.5042		27.8	20.0	39.2	50.0
trans-1,3-Dichloropropene	Ave	0.5130	0.5687		22.2	20.0	10.9	50.0
1,1,2-Trichloroethane	Ave	0.2964	0.3270		22.1	20.0	10.3	50.0
Ethyl methacrylate	Ave	0.3468	0.4100		23.6	20.0	18.2	50.0
Dibromochloromethane	Ave	0.4244	0.4430		20.9	20.0	4.4	50.0
1,3-Dichloropropane	Ave	0.5591	0.6168		22.1	20.0	10.3	50.0
1,2-Dibromoethane	Ave	0.3699	0.3909		21.1	20.0	5.7	50.0
Butyl acetate	Ave	0.1047	0.1332		50.9	40.0	27.2	50.0
2-Hexanone	Ave	0.2495	0.3553		28.5	20.0	42.4	50.0
Chlorobenzene	Ave	1.086	1.133	0.3000	20.9	20.0	4.3	50.0
Ethylbenzene	Ave	0.5443	0.5883		21.6	20.0	8.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4245	0.4470		21.1	20.0	5.3	50.0
m&p-Xylene	Ave	0.6756	0.7534		44.6	40.0	11.5	50.0
o-Xylene	Ave	0.6815	0.7589		22.3	20.0	11.4	50.0
Bromoform	Ave	0.3222	0.3230	0.1000	20.1	20.0	0.3	50.0
Styrene	Ave	1.104	1.207		21.9	20.0	9.4	50.0
Butyl acrylate	Ave	0.2692	0.3826		28.4	20.0	42.1	50.0
Isopropylbenzene	Ave	1.775	2.044		23.0	20.0	15.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123251/2 Calibration Date: 08/09/2012 09:29

Instrument ID: VOAMS4 Calib Start Date: 08/07/2012 22:06

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/08/2012 00:00

Lab File ID: d23210.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Camphene, Total	Ave	0.1117	0.1465		26.2	20.0	31.1	50.0
Amly acetate	Ave	0.6862	0.9846		28.7	20.0	43.5	50.0
Monobromobenzene	Ave	0.9870	1.011		20.5	20.0	2.4	50.0
N-Propylbenzene	LinF	3.767	4.235		20.2	20.0	1.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8679	0.9583	0.3000	22.1	20.0	10.4	50.0
p-Ethyltoluene	Ave	1.212	1.384		22.8	20.0	14.1	50.0
2-Chlorotoluene	Ave	2.697	2.899		21.5	20.0	7.5	50.0
1,2,3-Trichloropropane	Ave	0.2730	0.2804		20.5	20.0	2.7	50.0
1,3,5-Trimethylbenzene	Ave	2.838	3.081		21.7	20.0	8.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2062	0.2716		26.3	20.0	31.7	50.0
4-Chlorotoluene	Ave	2.343	2.509		21.4	20.0	7.1	50.0
tert-Butylbenzene	LinF	2.341	2.526		18.6	20.0	-6.9	50.0
Butyl Methacrylate	LinF	0.9336	1.258		23.0	20.0	15.1	50.0
1,2,4-Trimethylbenzene	Ave	2.922	3.180		21.8	20.0	8.8	50.0
sec-Butylbenzene	LinF	3.366	3.891		19.9	20.0	-0.4	50.0
p-Isopropyltoluene	LinF	2.953	3.323		19.7	20.0	-1.6	50.0
1,3-Dichlorobenzene	Ave	1.752	1.843		21.0	20.0	5.2	50.0
1,4-Dichlorobenzene	Ave	1.803	1.901		21.1	20.0	5.4	50.0
1,4-Diethylbenzene	Ave	0.6762	0.7970		23.6	20.0	17.9	50.0
Benzyl chloride	Ave	0.3481	0.4552		26.1	20.0	30.7	50.0
n-Butylbenzene	LinF	4.738	5.877		22.3	20.0	11.7	50.0
1,2-Dichlorobenzene	Ave	1.744	1.860		21.3	20.0	6.7	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.061	1.272		24.0	20.0	19.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1362	0.1443		21.2	20.0	6.0	50.0
Hexachlorobutadiene	LinF	0.5108	0.6063		21.6	20.0	7.8	50.0
1,2,4-Trichlorobenzene	Ave	1.148	1.277		22.3	20.0	11.3	50.0
Naphthalene	Ave	2.339	2.724		23.3	20.0	16.5	50.0
1,2,3-Trichlorobenzene	Ave	0.9033	1.063		23.5	20.0	17.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2430	0.2454		50.5	50.0	1.0	50.0
Toluene-d8 (Surr)	Ave	1.092	1.178		54.0	50.0	7.9	50.0
Bromofluorobenzene	Ave	0.8838	0.8934		50.5	50.0	1.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122264/2 Calibration Date: 08/02/2012 08:34

Instrument ID: VOAMS9 Calib Start Date: 07/23/2012 20:21

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/23/2012 23:59

Lab File ID: k02943.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.2683	0.2564		19.3	20.0	-3.4	50.0
Chloromethane	Ave	0.3181	0.4237	0.1000	26.6	20.0	33.2	50.0
Vinyl chloride	Ave	0.3239	0.3774		23.3	20.0	16.5	20.0
Bromomethane	Ave	0.2563	0.2172		16.9	20.0	-15.3	50.0
Chloroethane	Ave	0.1664	0.1817		21.8	20.0	9.2	50.0
Trichlorofluoromethane	LinF	0.4229	0.4007		19.5	20.0	-2.6	50.0
Ethanol	Ave	0.0012	0.0016		4220	3000	40.5	50.0
Ethyl ether	Ave	0.1644	0.2735		33.3	20.0	66.3*	50.0
Isopropene	Ave	0.2675	0.4013		30.0	20.0	50.0	50.0
Acrolein	Ave	0.0153	0.0289		75.5	40.0	88.7	99.0
Freon TF	LinF	0.2493	0.3028		23.5	20.0	17.7	50.0
1,1-Dichloroethene	Ave	0.2293	0.2263		19.7	20.0	-1.3	20.0
Acetone	Ave	0.0724	0.1002		27.7	20.0	38.3	50.0
Iodomethane	Ave	0.5337	0.5978		22.4	20.0	12.0	50.0
Carbon disulfide	Ave	0.7576	1.066		28.1	20.0	40.7	50.0
Methyl acetate	Ave	0.2377	0.3229		27.2	20.0	35.8	50.0
Acetonitrile	Ave	0.0069	0.0096		554	400	38.6	50.0
Methylene Chloride	LinF	0.3254	0.3081		23.2	20.0	15.8	50.0
TBA	Ave	0.0298	0.0351		471	400	17.8	50.0
MTBE	Ave	0.7865	0.9572		24.3	20.0	21.7	50.0
trans-1,2-Dichloroethene	Ave	0.2707	0.2638		19.5	20.0	-2.5	50.0
Acrylonitrile	Ave	0.0856	0.0989		23.1	20.0	15.6	50.0
Hexane	LinF	0.1290	0.1872		29.2	20.0	46.1	50.0
DIPE	Ave	0.7906	1.100		27.8	20.0	39.2	50.0
1,1-Dichloroethane	Ave	0.4516	0.4909	0.1000	21.7	20.0	8.7	50.0
Vinyl acetate	Ave	0.3495	0.5751		32.9	20.0	64.6*	50.0
Tert-butyl ethyl ether	Ave	0.8243	1.027	0.0100	24.9	20.0	24.6	50.0
2,2-Dichloropropane	Ave	0.4314	0.4158		19.3	20.0	-3.6	50.0
cis-1,2-Dichloroethene	Ave	0.3186	0.3037		19.1	20.0	-4.7	50.0
2-Butanone	Ave	0.0290	0.0364		25.1	20.0	25.6	50.0
Ethyl acetate	Ave	0.0263	0.0317		48.2	40.0	20.5	50.0
Bromochloromethane	Ave	0.1692	0.1586		18.7	20.0	-6.3	50.0
Tetrahydrofuran	LinF	0.0843	0.1057		33.9	20.0	69.6*	50.0
Chloroform	Ave	0.4896	0.4843		19.8	20.0	-1.1	20.0
Cyclohexane	LinF	0.3507	0.4534		25.2	20.0	25.9	50.0
1,1,1-Trichloroethane	Ave	0.4413	0.4141		18.8	20.0	-6.2	50.0
Carbon tetrachloride	Ave	0.3750	0.3429		18.3	20.0	-8.6	50.0
1,1-Dichloropropene	Ave	0.3704	0.3588		19.4	20.0	-3.1	50.0
Benzene	Ave	1.504	1.539		20.5	20.0	2.4	50.0
Isopropyl acetate	Ave	0.5406	0.7434		55.0	40.0	37.5	50.0
Tert-amyl methyl ether	Ave	0.7671	0.9227		24.1	20.0	20.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122264/2 Calibration Date: 08/02/2012 08:34

Instrument ID: VOAMS9 Calib Start Date: 07/23/2012 20:21

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/23/2012 23:59

Lab File ID: k02943.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.3483	0.3511		20.2	20.0	0.8	50.0
n-Heptane	LinF	0.0948	0.1369		29.4	20.0	47.2	50.0
n-Butanol	Ave	0.0062	0.0063		1510	1500	0.4	50.0
Trichloroethene	Ave	0.2768	0.2550		18.4	20.0	-7.9	50.0
Ethyl acrylate	LinF	0.0239	0.0266		24.4	20.0	22.2	50.0
Methylcyclohexane	LinF	0.3204	0.3821		23.0	20.0	14.8	50.0
1,2-Dichloropropane	Ave	0.2516	0.2672		21.2	20.0	6.2	20.0
Methyl methacrylate	Ave	0.0676	0.0742		22.0	20.0	9.8	50.0
1,4-Dioxane	QuaF	0.0035	0.0025		126	150	-16.3	50.0
Dibromomethane	Ave	0.1737	0.1701		19.6	20.0	-2.1	50.0
Propyl acetate	Ave	0.3101	0.4198		54.2	40.0	35.4	50.0
Bromodichloromethane	Ave	0.3574	0.3391		19.0	20.0	-5.1	50.0
2-Chloroethyl vinyl ether	Ave	0.1469	0.1688		23.0	20.0	14.9	50.0
Epichlorohydrin	Ave	0.0312	0.0423		542	400	35.6	50.0
cis-1,3-Dichloropropene	Ave	0.5695	0.5766		20.3	20.0	1.3	50.0
4-Methyl-2-pentanone	Ave	0.3165	0.4326		27.3	20.0	36.7	50.0
Toluene	Ave	1.664	1.552		18.6	20.0	-6.8	20.0
trans-1,3-Dichloropropene	Ave	0.5002	0.4832		19.3	20.0	-3.4	50.0
1,1,2-Trichloroethane	Ave	0.2666	0.2692		20.2	20.0	1.0	50.0
Tetrachloroethene	Ave	0.4430	0.3721		16.8	20.0	-16.0	50.0
1,3-Dichloropropane	Ave	0.5056	0.5198		20.6	20.0	2.8	50.0
2-Hexanone	Ave	0.1975	0.2622		26.6	20.0	32.8	50.0
Butyl acetate	Ave	0.0750	0.0932		49.7	40.0	24.3	50.0
Dibromochloromethane	Ave	0.4050	0.3702		18.3	20.0	-8.6	50.0
1,2-Dibromoethane	Ave	0.3430	0.3286		19.2	20.0	-4.2	50.0
Chlorobenzene	Ave	1.065	1.003	0.3000	18.8	20.0	-5.8	50.0
Ethylbenzene	Ave	0.5433	0.4942		18.2	20.0	-9.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4241	0.3848		18.1	20.0	-9.3	50.0
m&p-Xylene	Ave	0.6818	0.6385		37.5	40.0	-6.4	50.0
Butyl acrylate	Ave	0.2522	0.3070		24.3	20.0	21.7	50.0
o-Xylene	Ave	0.6973	0.6650		19.1	20.0	-4.6	50.0
Styrene	Ave	1.135	1.111		19.6	20.0	-2.1	50.0
Amly acetate	Ave	0.5993	0.8627		28.8	20.0	43.9	50.0
Bromoform	Ave	0.3041	0.2691	0.1000	17.7	20.0	-11.5	50.0
Isopropylbenzene	Ave	1.716	1.586		18.5	20.0	-7.5	50.0
Camphene, Total	Ave	0.0757	0.1131		29.9	20.0	49.3	50.0
Monobromobenzene	Ave	0.9008	0.8065		17.9	20.0	-10.5	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7239	0.8109	0.3000	22.4	20.0	12.0	50.0
N-Propylbenzene	Ave	3.254	3.201		19.7	20.0	-1.6	50.0
1,2,3-Trichloropropane	Ave	0.2102	0.2144		20.4	20.0	2.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1770	0.2338		26.4	20.0	32.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122264/2 Calibration Date: 08/02/2012 08:34

Instrument ID: VOAMS9 Calib Start Date: 07/23/2012 20:21

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/23/2012 23:59

Lab File ID: k02943.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	Ave	2.024	1.982		19.6	20.0	-2.1	50.0
1,3,5-Trimethylbenzene	Ave	2.454	2.220		18.1	20.0	-9.5	50.0
4-Chlorotoluene	Ave	2.030	2.048		20.2	20.0	0.9	50.0
Butyl Methacrylate	Ave	0.8226	1.028		25.0	20.0	25.0	50.0
tert-Butylbenzene	Ave	1.851	1.667		18.0	20.0	-10.0	50.0
1,2,4-Trimethylbenzene	Ave	2.719	2.371		17.4	20.0	-12.8	50.0
2-Octanone	Ave	0.7929	1.332		33.6	20.0	67.9*	50.0
sec-Butylbenzene	Ave	2.693	2.746		20.4	20.0	2.0	50.0
1,3-Dichlorobenzene	Ave	1.533	1.488		19.4	20.0	-2.9	50.0
p-Isopropyltoluene	Ave	2.366	2.270		19.2	20.0	-4.1	50.0
1,4-Dichlorobenzene	Ave	1.570	1.521		19.4	20.0	-3.1	50.0
Benzyl chloride	Ave	1.326	1.797		27.1	20.0	35.5	50.0
n-Butylbenzene	Ave	1.953	1.999		20.5	20.0	2.3	50.0
1,2-Dichlorobenzene	Ave	1.569	1.503		19.2	20.0	-4.2	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1296	0.1438		22.2	20.0	11.0	50.0
Camphor	Ave	0.0856	0.0965		113	100	12.8	50.0
1,2,4-Trichlorobenzene	Ave	1.020	1.030		20.2	20.0	1.0	50.0
Hexachlorobutadiene	Ave	0.4394	0.4324		19.7	20.0	-1.6	50.0
Naphthalene	Ave	2.353	2.554		21.7	20.0	8.5	50.0
1,2,3-Trichlorobenzene	Ave	0.8849	0.9684		21.9	20.0	9.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2567	0.2658		51.8	50.0	3.5	50.0
Toluene-d8 (Surr)	Ave	1.214	1.175		48.4	50.0	-3.2	50.0
Bromofluorobenzene	Ave	0.8807	0.7935		45.1	50.0	-9.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122835/2 Calibration Date: 08/06/2012 20:39

Instrument ID: VOAMS9 Calib Start Date: 08/03/2012 19:37

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 08/03/2012 21:24

Lab File ID: k03049.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3833	0.3967		20.7	20.0	3.5	50.0
Chloromethane	Ave	0.6484	0.5444	0.1000	16.8	20.0	-16.0	50.0
Vinyl chloride	Ave	0.5521	0.4664		16.9	20.0	-15.5	20.0
Bromomethane	LinF	0.2596	0.2100		19.3	20.0	-3.4	50.0
Chloroethane	Ave	0.2101	0.1691		16.1	20.0	-19.5	50.0
Dichlorofluoromethane	Ave	0.7091	0.6093		17.2	20.0	-14.1	50.0
Trichlorofluoromethane	Ave	0.5377	0.4453		16.6	20.0	-17.2	50.0
n-Pentane	Ave	0.0602	0.0458		30.4	40.0	-24.0	50.0
Ethanol	Ave	0.0020	0.0019		2820	3000	-5.9	50.0
Ethyl ether	Ave	0.2417	0.2127		17.6	20.0	-12.0	50.0
Isopropene	Ave	0.4710	0.3866		16.4	20.0	-17.9	50.0
Acrolein	Ave	0.0501	0.0462		277	300	-7.7	99.0
Freon TF	Ave	0.3571	0.3178		17.8	20.0	-11.0	50.0
1,1-Dichloroethene	Ave	0.2734	0.2188		16.0	20.0	-20.0	20.0
Acetone	LinF	0.0906	0.0751		22.6	20.0	13.1	50.0
Iodomethane	Ave	0.5348	0.4560		17.1	20.0	-14.7	50.0
Carbon disulfide	Ave	1.176	0.9224		15.7	20.0	-21.6	50.0
Methyl acetate	LinF	0.0570	0.0540		21.9	20.0	9.4	50.0
Acetonitrile	Ave	0.0434	0.0500		461	400	15.2	50.0
Methylene Chloride	LinF	0.3690	0.3255		22.3	20.0	11.6	50.0
TBA	Ave	0.0354	0.0367		415	400	3.8	50.0
MTBE	Ave	0.7807	0.8365		21.4	20.0	7.1	50.0
trans-1,2-Dichloroethene	Ave	0.3069	0.2707		17.6	20.0	-11.8	50.0
Acrylonitrile	Ave	0.0973	0.1031		159	150	5.9	50.0
Hexane	Ave	0.2492	0.2284		18.3	20.0	-8.3	50.0
DIPE	Ave	1.020	1.230		24.1	20.0	20.5	50.0
1,1-Dichloroethane	Ave	0.5598	0.5762	0.1000	20.6	20.0	2.9	50.0
Vinyl acetate	Ave	0.5691	0.6588		46.3	40.0	15.8	50.0
Tert-butyl ethyl ether	Ave	0.8751	1.002	0.0100	22.9	20.0	14.6	50.0
2,2-Dichloropropane	Ave	0.4698	0.4590		19.5	20.0	-2.3	50.0
cis-1,2-Dichloroethene	Ave	0.3314	0.3119		18.8	20.0	-5.9	50.0
Ethyl acetate	Ave	0.0260	0.0277		42.7	40.0	6.8	50.0
2-Butanone	Ave	0.0289	0.0320		22.1	20.0	10.5	50.0
Ethyl acrylate	Ave	0.0331	0.0361		21.8	20.0	9.1	50.0
Bromochloromethane	Ave	0.1479	0.1363		18.4	20.0	-7.8	50.0
Tetrahydrofuran	LinF	0.1217	0.1305		28.9	20.0	44.7	50.0
Chloroform	Ave	0.5147	0.5127		19.9	20.0	-0.4	20.0
Cyclohexane	Ave	0.5879	0.6040		20.5	20.0	2.7	50.0
1,1,1-Trichloroethane	Ave	0.4616	0.4389		19.0	20.0	-4.9	50.0
Carbon tetrachloride	Ave	0.3954	0.3581		18.1	20.0	-9.4	50.0
1,1-Dichloropropene	Ave	0.4333	0.4077		18.8	20.0	-5.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122835/2 Calibration Date: 08/06/2012 20:39

Instrument ID: VOAMS9 Calib Start Date: 08/03/2012 19:37

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 08/03/2012 21:24

Lab File ID: k03049.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.240	1.195		19.3	20.0	-3.6	50.0
Isopropyl acetate	Ave	0.6329	0.7498		47.4	40.0	18.5	50.0
Tert-amyl methyl ether	Ave	0.7623	0.8533		22.4	20.0	11.9	50.0
1,2-Dichloroethane	Ave	0.3350	0.3535		21.1	20.0	5.5	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0934	0.0833		33.1	40.0	-17.3	50.0
n-Butanol	Ave	0.0047	0.0055		1780	1500	18.6	50.0
Trichloroethene	Ave	0.2981	0.2647		17.8	20.0	-11.2	50.0
Methylcyclohexane	Ave	0.5661	0.5424		19.2	20.0	-4.2	50.0
1,2-Dichloropropane	Ave	0.2920	0.3123		21.4	20.0	7.0	20.0
Methyl methacrylate	Ave	0.1445	0.1559		21.6	20.0	7.9	50.0
1,4-Dioxane	LinF	0.0031	0.0029		133	150	-11.6	50.0
Dibromomethane	Ave	0.1592	0.1567		19.7	20.0	-1.6	50.0
Bromodichloromethane	Ave	0.3441	0.3512		20.4	20.0	2.1	50.0
2-Chloroethyl vinyl ether	Ave	0.1303	0.1427		21.9	20.0	9.5	50.0
Epichlorohydrin	Ave	0.0230	0.0254		441	400	10.2	50.0
cis-1,3-Dichloropropene	Ave	0.4113	0.4223		20.5	20.0	2.7	50.0
4-Methyl-2-pentanone	Ave	0.2381	0.2877		24.2	20.0	20.8	50.0
Toluene	Ave	1.875	1.779		19.0	20.0	-5.1	20.0
trans-1,3-Dichloropropene	Ave	0.4835	0.5168		21.4	20.0	6.9	50.0
1,1,2-Trichloroethane	Ave	0.2719	0.2859		21.0	20.0	5.2	50.0
Tetrachloroethene	Ave	0.4638	0.3948		17.0	20.0	-14.9	50.0
1,3-Dichloropropane	Ave	0.5046	0.5558		22.0	20.0	10.1	50.0
2-Hexanone	Ave	0.2191	0.2613		23.9	20.0	19.3	50.0
Butyl acetate	Ave	0.5342	0.6657		49.8	40.0	24.6	50.0
Dibromochloromethane	Ave	0.3470	0.3430		19.8	20.0	-1.2	50.0
1,2-Dibromoethane	Ave	0.2961	0.3085		20.8	20.0	4.2	50.0
Chlorobenzene	Ave	1.094	1.077	0.3000	19.7	20.0	-1.5	50.0
Ethylbenzene	Ave	0.5985	0.5795		19.4	20.0	-3.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4093	0.3948		19.3	20.0	-3.5	50.0
m&p-Xylene	Ave	0.7468	0.7318		39.2	40.0	-2.0	50.0
Butyl acrylate	Ave	1.176	1.387		23.6	20.0	17.9	50.0
o-Xylene	Ave	0.7495	0.7656		20.4	20.0	2.1	50.0
Styrene	Ave	1.172	1.211		20.7	20.0	3.4	50.0
Amly acetate	Ave	0.3420	0.4420		25.8	20.0	29.2	50.0
Bromoform	Ave	0.2406	0.2324	0.1000	19.3	20.0	-3.4	50.0
Isopropylbenzene	Ave	2.000	2.007		20.1	20.0	0.4	50.0
Camphene, Total	Ave	0.3591	0.3798		21.2	20.0	5.8	50.0
Monobromobenzene	Ave	0.9286	0.8559		18.4	20.0	-7.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8246	0.9039	0.3000	21.9	20.0	9.6	50.0
N-Propylbenzene	Ave	4.704	4.710		20.0	20.0	0.1	50.0
1,2,3-Trichloropropane	Ave	0.2127	0.2257		21.2	20.0	6.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122835/2 Calibration Date: 08/06/2012 20:39

Instrument ID: VOAMS9 Calib Start Date: 08/03/2012 19:37

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 08/03/2012 21:24

Lab File ID: k03049.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.0752	0.0843		22.4	20.0	12.1	50.0
2-Chlorotoluene	Ave	3.059	3.089		20.2	20.0	1.0	50.0
p-Ethyltoluene	Ave	1.304	1.308		20.1	20.0	0.3	50.0
1,3,5-Trimethylbenzene	Ave	3.200	3.139		19.6	20.0	-1.9	50.0
4-Chlorotoluene	Ave	2.649	2.708		20.4	20.0	2.2	50.0
Butyl Methacrylate	Ave	1.047	1.186		22.7	20.0	13.3	50.0
tert-Butylbenzene	Ave	2.637	2.434		18.5	20.0	-7.7	50.0
1,2,4-Trimethylbenzene	Ave	3.257	3.276		20.1	20.0	0.6	50.0
sec-Butylbenzene	Ave	4.367	4.338		19.9	20.0	-0.7	50.0
p-Isopropyltoluene	Ave	3.584	3.476		19.4	20.0	-3.0	50.0
1,3-Dichlorobenzene	Ave	1.838	1.760		19.2	20.0	-4.2	50.0
1,4-Dichlorobenzene	Ave	1.857	1.720		18.5	20.0	-7.4	50.0
Benzyl chloride	Ave	1.453	1.549		21.3	20.0	6.6	50.0
1,4-Diethylbenzene	Ave	0.7856	0.7734		19.7	20.0	-1.6	50.0
n-Butylbenzene	Ave	4.247	4.394		20.7	20.0	3.5	50.0
1,2-Dichlorobenzene	Ave	1.780	1.726		19.4	20.0	-3.0	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.138	1.151		20.2	20.0	1.2	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1640	0.1724		22.0	20.0	10.2	50.0
Camphor	LinF	0.0771	0.0812		91.2	100	-8.8	50.0
1,2,4-Trichlorobenzene	Ave	1.463	1.375		18.8	20.0	-6.0	50.0
Hexachlorobutadiene	Ave	0.8077	0.7314		18.1	20.0	-9.4	50.0
Naphthalene	Ave	3.001	3.256		21.7	20.0	8.5	50.0
1,2,3-Trichlorobenzene	Ave	1.378	1.350		19.6	20.0	-2.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2250	0.2575		57.2	50.0	14.4	50.0
Toluene-d8 (Surr)	Ave	1.230	1.326		53.9	50.0	7.8	50.0
Bromofluorobenzene	Ave	0.8407	0.8719		51.9	50.0	3.7	50.0

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/20jul12.b/o62497.d
Report Date: 20-Jul-2012 23:19

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/20jul12.b/o62497.d
Lab Smp Id: BFB
Inj Date : 20-JUL-2012 22:55
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/20jul12.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

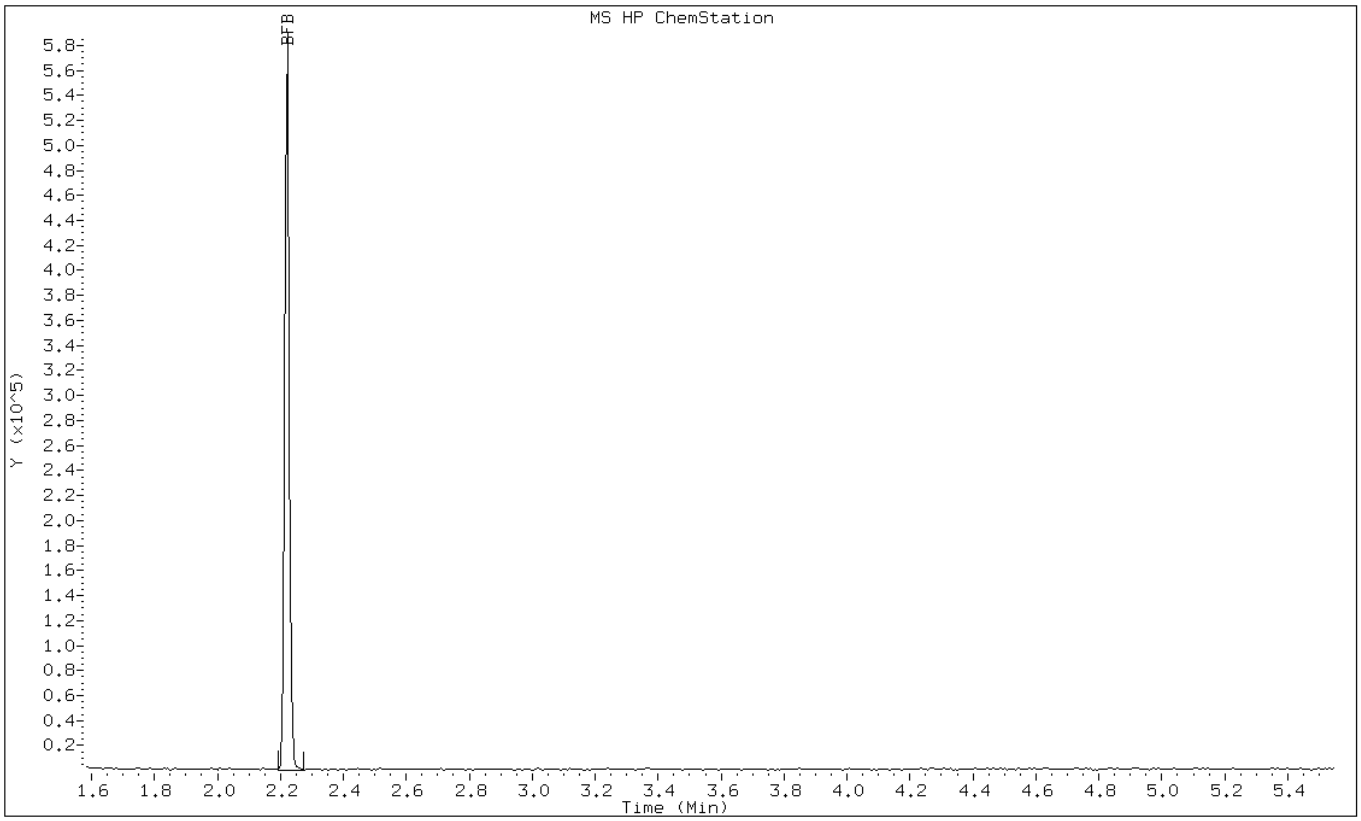
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.222	2.100 (0.000)	95	86850			0.00- 100.00	100.00
2.222	2.100 (0.000)	50	14983			15.00- 40.00	17.25
2.222	2.100 (0.000)	75	41200			30.00- 60.00	47.44
2.222	2.100 (0.000)	96	5921			5.00- 9.00	6.82
2.222	2.100 (0.000)	173	777			0.00- 2.00	0.93
2.222	2.100 (0.000)	174	83877			50.00- 100.00	96.58
2.222	2.100 (0.000)	175	6260			5.00- 9.00	7.46
2.222	2.100 (0.000)	176	84541			95.00- 101.00	100.79
2.222	2.100 (0.000)	177	4957			5.00- 9.00	5.86

Data File: o62497.d

Date: 20-JUL-2012 22:55

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



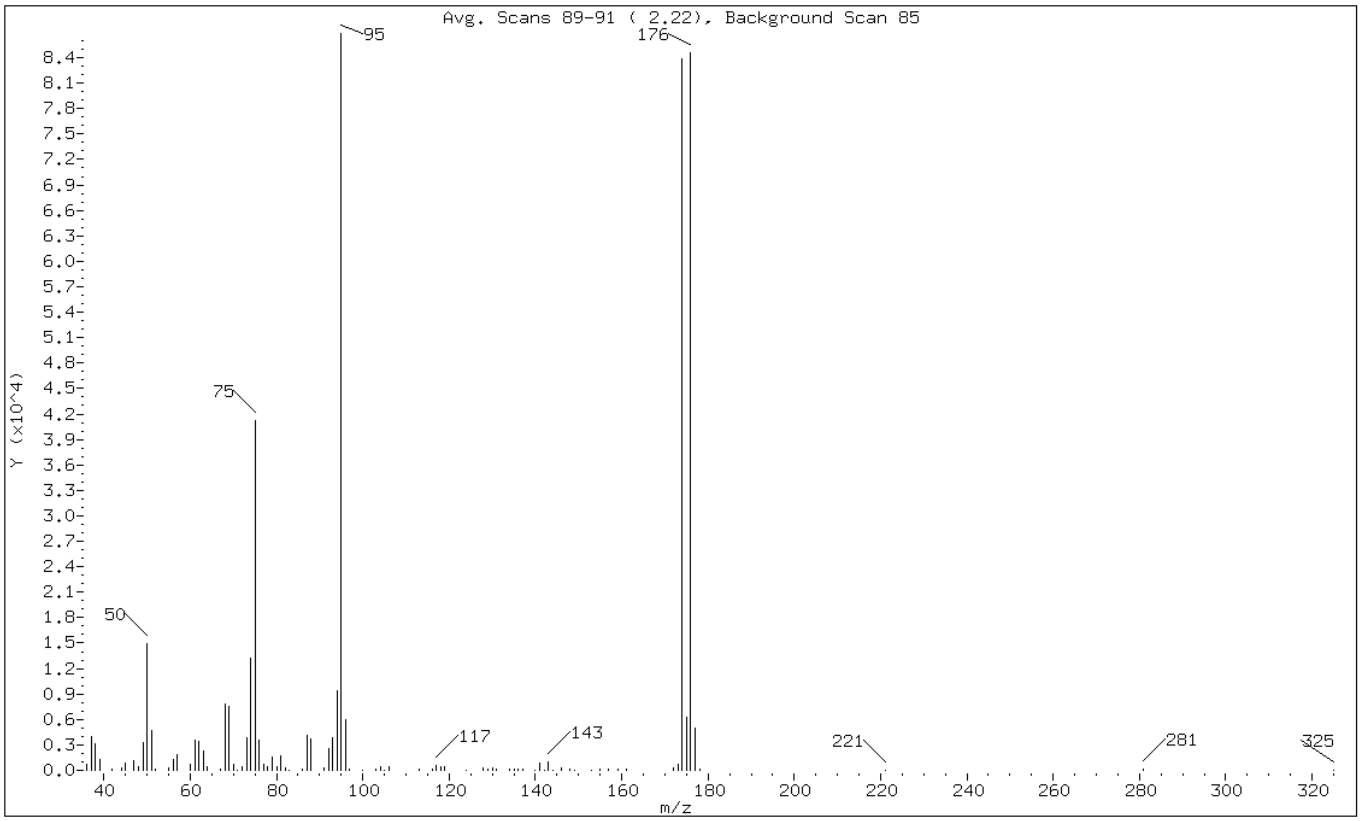
Data File: o62497.d

Date: 20-JUL-2012 22:55

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.25
75	30.00 - 60.00% of mass 95	47.44
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.89 (0.93)
174	50.00 - 100.00% of mass 95	96.58
175	5.00 - 9.00% of mass 174	7.21 (7.46)
176	95.00 - 101.00% of mass 174	97.34 (100.79)
177	5.00 - 9.00% of mass 176	5.71 (5.86)

Data File: o62497.d

Date: 20-JUL-2012 22:55

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/20jul12.b/o62497.d
Spectrum: Avg. Scans 89-91 (2.22), Background Scan 85
Location of Maximum: 95.00
Number of points: 90

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	727	69.00	7528	96.00	5921	142.00	50
37.00	3920	70.00	771	97.00	207	143.00	1049
38.00	3160	71.00	62	100.00	57	144.00	64
39.00	1220	72.00	418	103.00	122	146.00	330
42.00	111	73.00	3896	104.00	457	148.00	92
44.00	231	74.00	13217	105.00	52	149.00	71
45.00	879	75.00	41200	106.00	379	153.00	52
47.00	1103	76.00	3566	113.00	153	155.00	126
48.00	485	77.00	662	116.00	212	157.00	152
49.00	3214	78.00	459	117.00	508	159.00	102
50.00	14983	79.00	1503	118.00	377	161.00	81
51.00	4712	80.00	490	119.00	402	172.00	281
52.00	132	81.00	1729	124.00	68	173.00	777
55.00	218	82.00	308	128.00	352	174.00	83872
56.00	1298	83.00	55	129.00	147	175.00	6260
57.00	1808	86.00	97	130.00	303	176.00	84536
60.00	714	87.00	4089	131.00	186	177.00	4957
61.00	3491	88.00	3705	134.00	92	178.00	150
62.00	3370	91.00	262	135.00	125	221.00	61
63.00	2313	92.00	2549	136.00	96	281.00	94
64.00	411	93.00	3872	137.00	145	325.00	50
67.00	144	94.00	9432	140.00	54		
68.00	7749	95.00	86848	141.00	788		

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63010.d
Report Date: 03-Aug-2012 18:45

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63010.d
Lab Smp Id: BFB
Inj Date : 03-AUG-2012 18:21
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

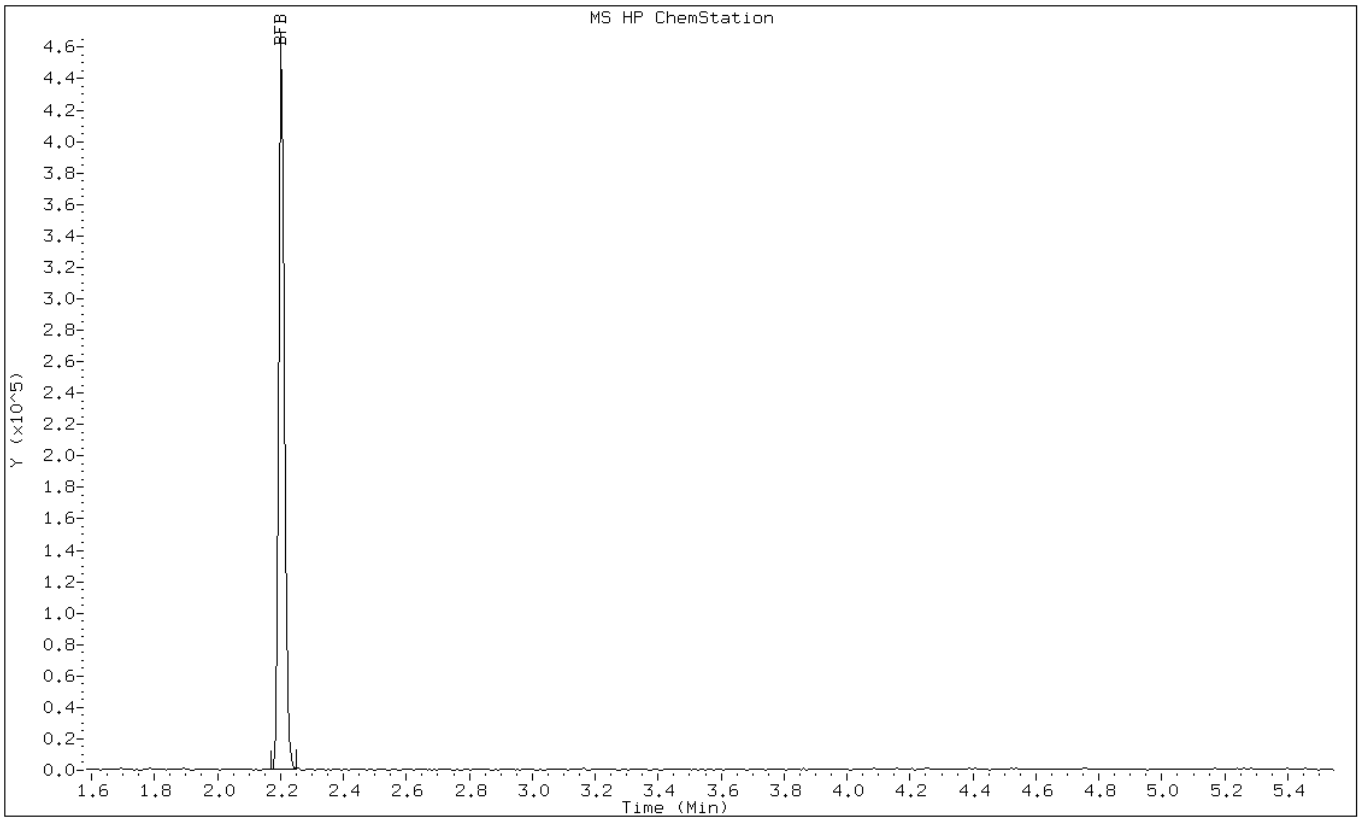
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.201	2.100 (0.000)	95	71653			0.00- 100.00	100.00
2.201	2.100 (0.000)	50	11769			15.00- 40.00	16.42
2.201	2.100 (0.000)	75	32069			30.00- 60.00	44.76
2.201	2.100 (0.000)	96	4831			5.00- 9.00	6.74
2.201	2.100 (0.000)	173	0			0.00- 2.00	0.00
2.201	2.100 (0.000)	174	66544			50.00- 100.00	92.87
2.201	2.100 (0.000)	175	5146			5.00- 9.00	7.73
2.201	2.100 (0.000)	176	63688			95.00- 101.00	95.71
2.201	2.100 (0.000)	177	4141			5.00- 9.00	6.50

Data File: o63010.d

Date: 03-AUG-2012 18:21

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



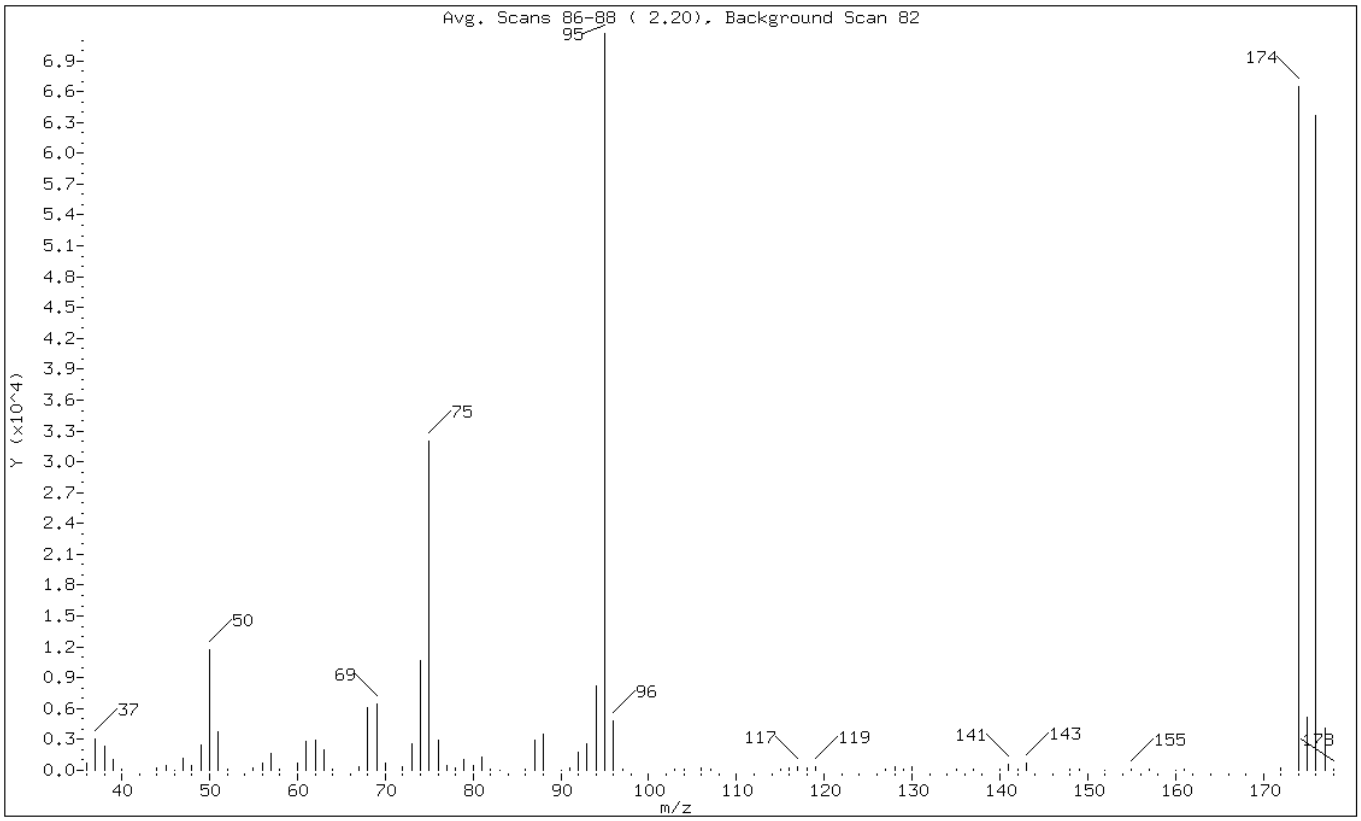
Data File: o63010.d

Date: 03-AUG-2012 18:21

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.42
75	30.00 - 60.00% of mass 95	44.76
96	5.00 - 9.00% of mass 95	6.74
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	92.87
175	5.00 - 9.00% of mass 174	7.18 (7.73)
176	95.00 - 101.00% of mass 174	88.88 (95.71)
177	5.00 - 9.00% of mass 176	5.78 (6.50)

Data File: o63010.d

Date: 03-AUG-2012 18:21

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63010.d
Spectrum: Avg. Scans 86-88 (2.20), Background Scan 82
Location of Maximum: 95.00
Number of points: 82

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	674	63.00	2048	90.00	54	135.00	91
37.00	3038	64.00	160	91.00	291	137.00	121
38.00	2397	67.00	350	92.00	1701	140.00	133
39.00	1059	68.00	6041	93.00	2599	141.00	600
40.00	119	69.00	6456	94.00	8179	142.00	71
44.00	288	70.00	684	95.00	71648	143.00	734
45.00	453	72.00	306	96.00	4831	148.00	175
46.00	51	73.00	2610	97.00	69	149.00	60
47.00	1156	74.00	10717	103.00	62	152.00	58
48.00	422	75.00	32064	104.00	130	155.00	110
49.00	2473	76.00	2890	106.00	224	157.00	60
50.00	11769	77.00	414	107.00	60	160.00	56
51.00	3760	78.00	271	115.00	121	161.00	60
52.00	175	79.00	1067	116.00	177	172.00	275
55.00	224	80.00	429	117.00	322	174.00	66544
56.00	697	81.00	1313	118.00	270	175.00	5146
57.00	1615	82.00	130	119.00	372	176.00	63688
58.00	67	83.00	55	127.00	62	177.00	4141
60.00	744	86.00	71	128.00	357	178.00	106
61.00	2795	87.00	2976	129.00	153		
62.00	2987	88.00	3546	130.00	302		

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63142.d
Report Date: 07-Aug-2012 18:40

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63142.d
Lab Smp Id: BFB
Inj Date : 07-AUG-2012 18:21
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

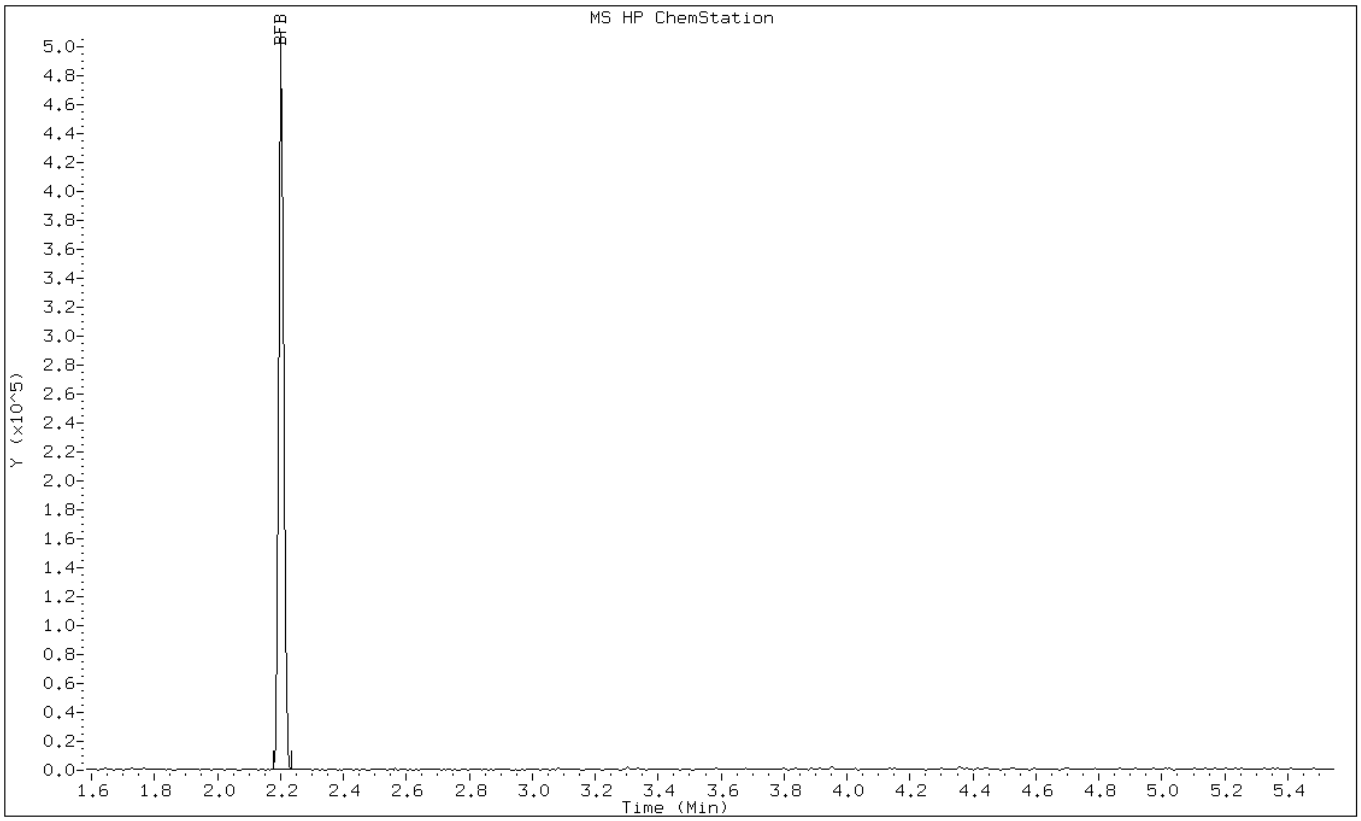
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.201	2.100 (0.000)	95	72992			0.00- 100.00	100.00
2.201	2.100 (0.000)	50	11494			15.00- 40.00	15.75
2.201	2.100 (0.000)	75	32864			30.00- 60.00	45.02
2.201	2.100 (0.000)	96	4777			5.00- 9.00	6.54
2.201	2.100 (0.000)	173	305			0.00- 2.00	0.45
2.201	2.100 (0.000)	174	68488			50.00- 100.00	93.83
2.201	2.100 (0.000)	175	5722			5.00- 9.00	8.35
2.201	2.100 (0.000)	176	69000			95.00- 101.00	100.75
2.201	2.100 (0.000)	177	4436			5.00- 9.00	6.43

Data File: o63142.d

Date: 07-AUG-2012 18:21

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



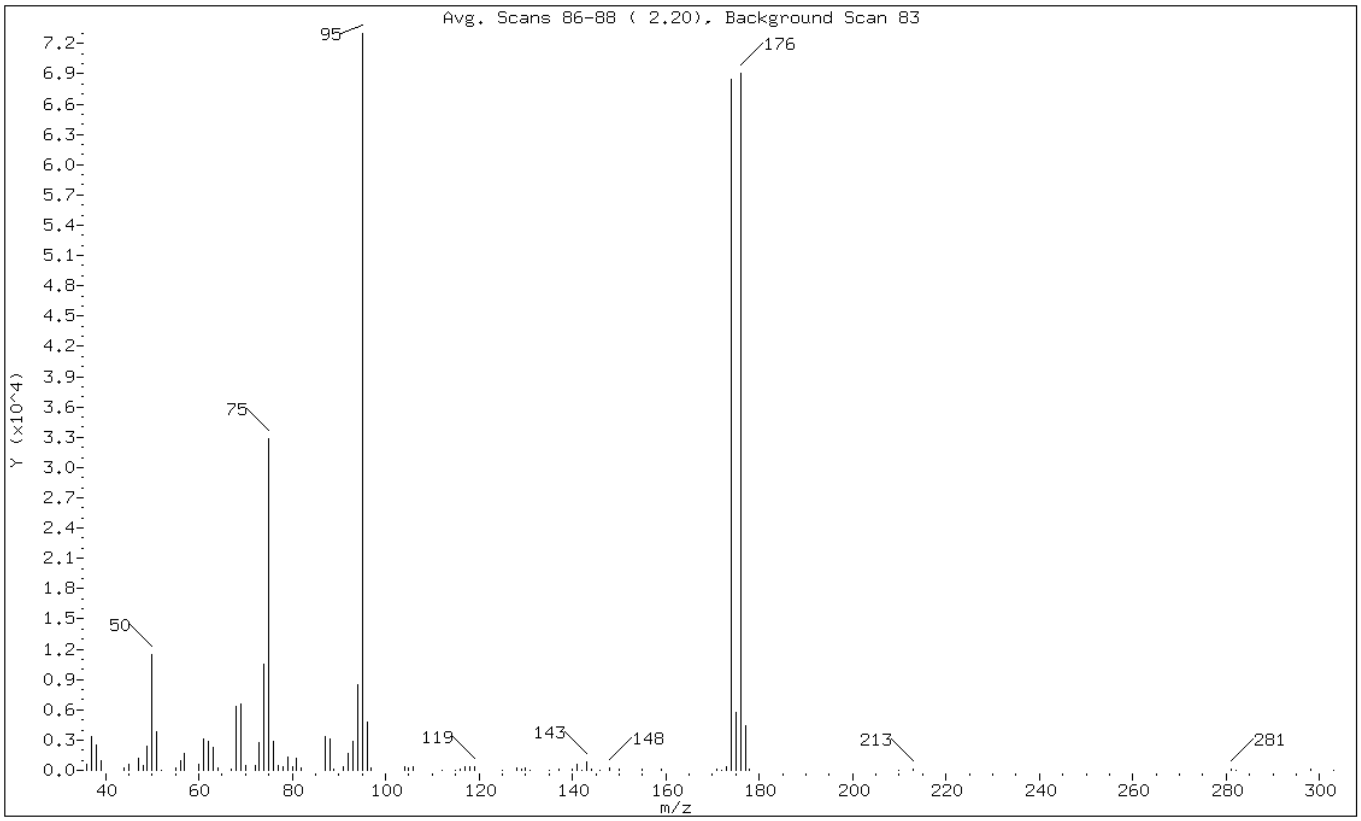
Data File: o63142.d

Date: 07-AUG-2012 18:21

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.75
75	30.00 - 60.00% of mass 95	45.02
96	5.00 - 9.00% of mass 95	6.54
173	Less than 2.00% of mass 174	0.42 (0.45)
174	50.00 - 100.00% of mass 95	93.83
175	5.00 - 9.00% of mass 174	7.84 (8.35)
176	95.00 - 101.00% of mass 174	94.53 (100.75)
177	5.00 - 9.00% of mass 176	6.08 (6.43)

Data File: o63142.d

Date: 07-AUG-2012 18:21

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63142.d
Spectrum: Avg. Scans 86-88 (2.20), Background Scan 83
Location of Maximum: 95.00
Number of points: 85

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	657	69.00	6546	97.00	223	146.00	57
37.00	3290	70.00	501	104.00	336	148.00	235
38.00	2554	72.00	466	105.00	180	150.00	62
39.00	1006	73.00	2788	106.00	308	155.00	119
44.00	244	74.00	10559	112.00	51	159.00	107
45.00	655	75.00	32864	115.00	54	171.00	130
47.00	1195	76.00	2878	116.00	153	172.00	52
48.00	449	77.00	524	117.00	365	173.00	305
49.00	2418	78.00	384	118.00	361	174.00	68488
50.00	11494	79.00	1311	119.00	370	175.00	5722
51.00	3788	80.00	384	125.00	56	176.00	69000
52.00	57	81.00	1171	128.00	205	177.00	4436
55.00	191	82.00	261	129.00	81	178.00	102
56.00	941	87.00	3376	130.00	211	210.00	56
57.00	1634	88.00	3110	131.00	55	213.00	67
60.00	554	89.00	101	135.00	52	281.00	133
61.00	3067	91.00	382	137.00	120	282.00	52
62.00	2820	92.00	1616	140.00	167	298.00	60
63.00	2261	93.00	2815	141.00	550	303.00	58
64.00	262	94.00	8446	142.00	54		
67.00	141	95.00	72992	143.00	844		
68.00	6306	96.00	4777	144.00	106		

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63237.d
Report Date: 09-Aug-2012 19:29

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63237.d
Lab Smp Id: BFB
Inj Date : 09-AUG-2012 19:07
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

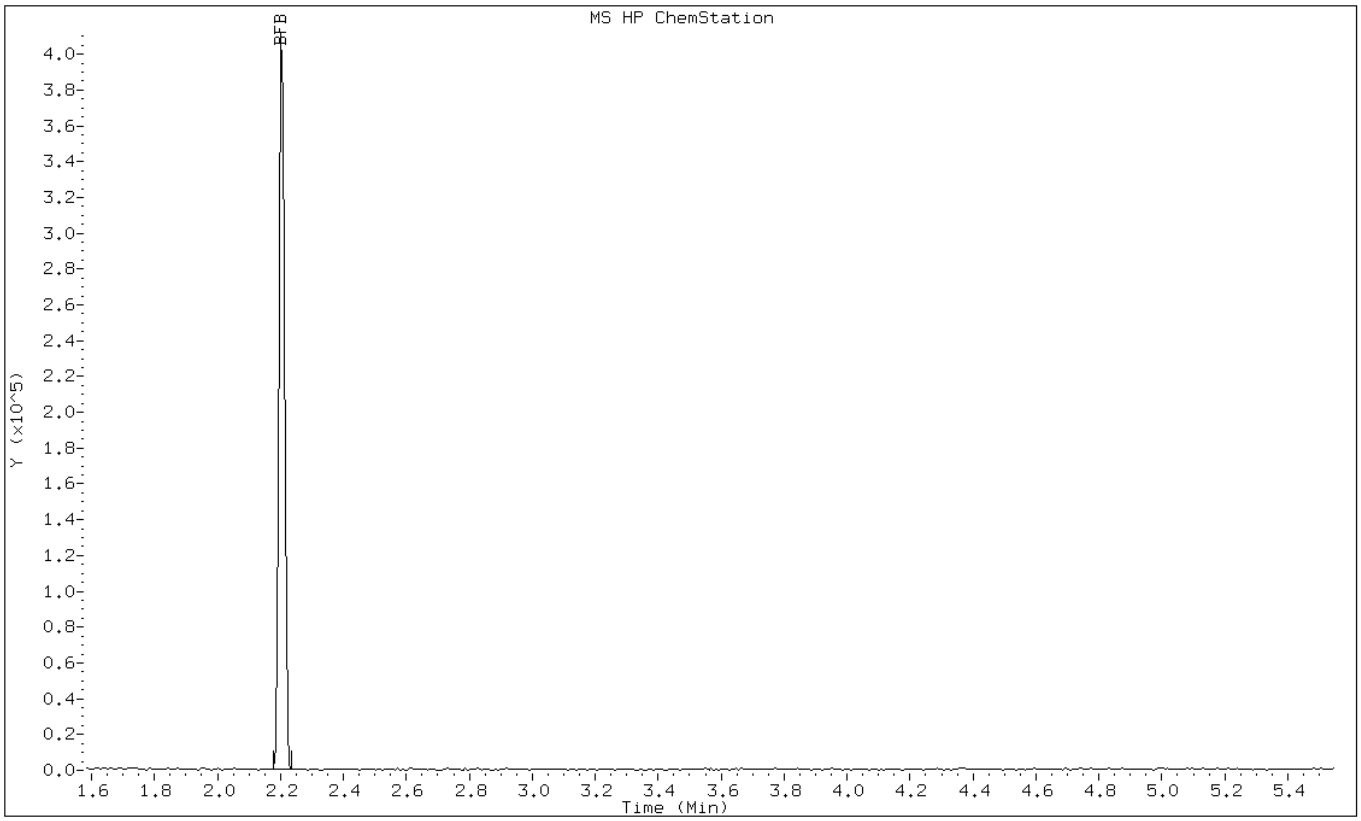
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.201	2.100 (0.000)	95	64712			0.00- 100.00	100.00
2.201	2.100 (0.000)	50	11436			15.00- 40.00	17.67
2.201	2.100 (0.000)	75	29968			30.00- 60.00	46.31
2.201	2.100 (0.000)	96	4119			5.00- 9.00	6.37
2.201	2.100 (0.000)	173	0			0.00- 2.00	0.00
2.201	2.100 (0.000)	174	58416			50.00- 100.00	90.27
2.201	2.100 (0.000)	175	4895			5.00- 9.00	8.38
2.201	2.100 (0.000)	176	56080			95.00- 101.00	96.00
2.201	2.100 (0.000)	177	3766			5.00- 9.00	6.72

Data File: o63237.d

Date: 09-AUG-2012 19:07

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



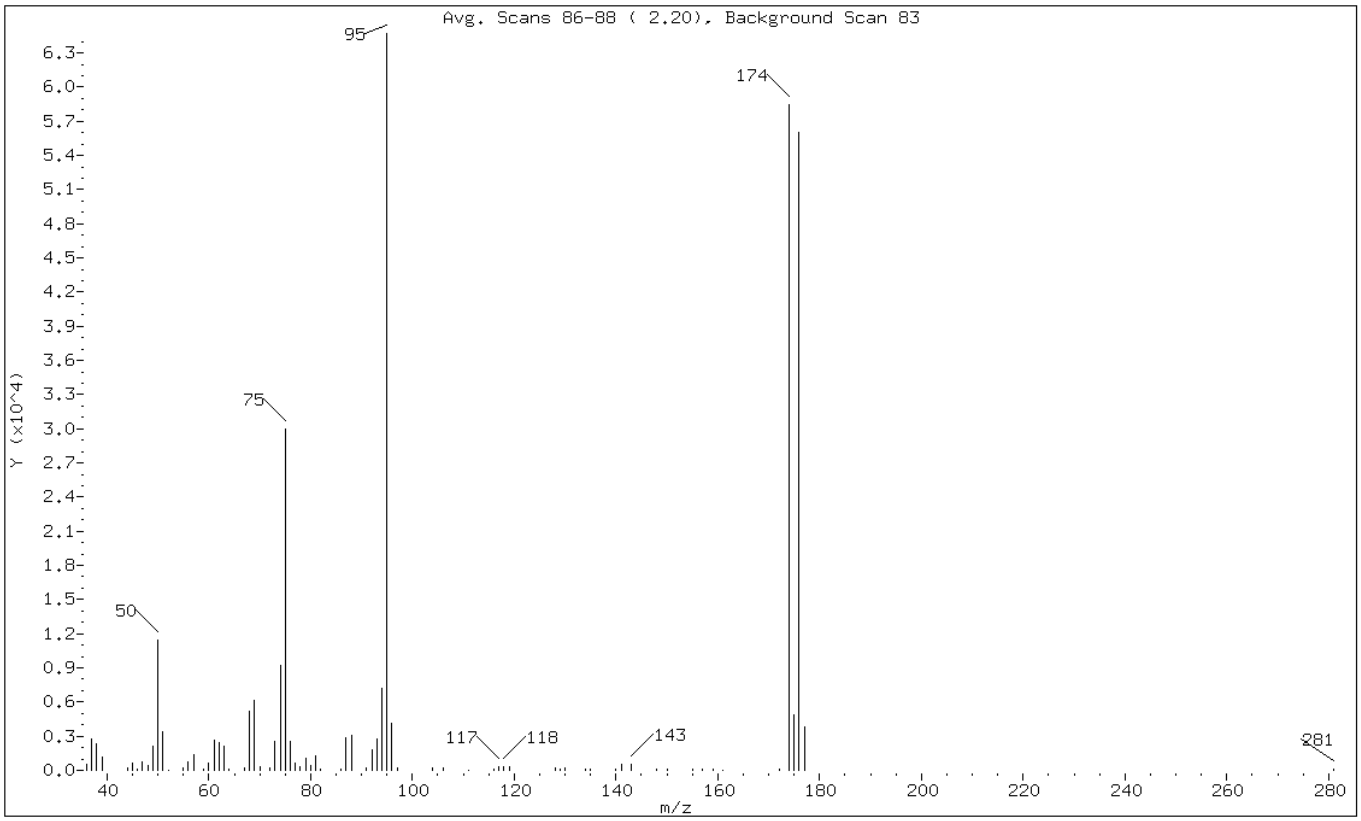
Data File: o63237.d

Date: 09-AUG-2012 19:07

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.67
75	30.00 - 60.00% of mass 95	46.31
96	5.00 - 9.00% of mass 95	6.37
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	90.27
175	5.00 - 9.00% of mass 174	7.56 (8.38)
176	95.00 - 101.00% of mass 174	86.66 (96.00)
177	5.00 - 9.00% of mass 176	5.82 (6.72)

Data File: o63237.d

Date: 09-AUG-2012 19:07

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63237.d
Spectrum: Avg. Scans 86-88 (2.20), Background Scan 83
Location of Maximum: 95.00
Number of points: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	513	62.00	2393	87.00	2904	134.00	69
37.00	2713	63.00	2096	88.00	3051	135.00	60
38.00	2338	64.00	127	91.00	184	140.00	66
39.00	1214	67.00	237	92.00	1852	141.00	493
44.00	196	68.00	5202	93.00	2716	143.00	498
45.00	593	69.00	6098	94.00	7240	148.00	119
46.00	53	70.00	358	95.00	64712	150.00	66
47.00	732	72.00	258	96.00	4119	155.00	155
48.00	474	73.00	2581	97.00	184	157.00	106
49.00	2158	74.00	9247	104.00	239	159.00	119
50.00	11436	75.00	29968	106.00	169	161.00	51
51.00	3350	76.00	2549	111.00	50	172.00	93
52.00	50	77.00	613	116.00	115	174.00	58416
55.00	190	78.00	305	117.00	307	175.00	4895
56.00	777	79.00	1112	118.00	306	176.00	56080
57.00	1410	80.00	388	119.00	293	177.00	3766
59.00	110	81.00	1260	128.00	228	281.00	55
60.00	650	82.00	139	129.00	69		
61.00	2608	86.00	96	130.00	193		

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63263.d
Report Date: 10-Aug-2012 07:33

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63263.d
Lab Smp Id: BFB
Inj Date : 10-AUG-2012 07:14
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

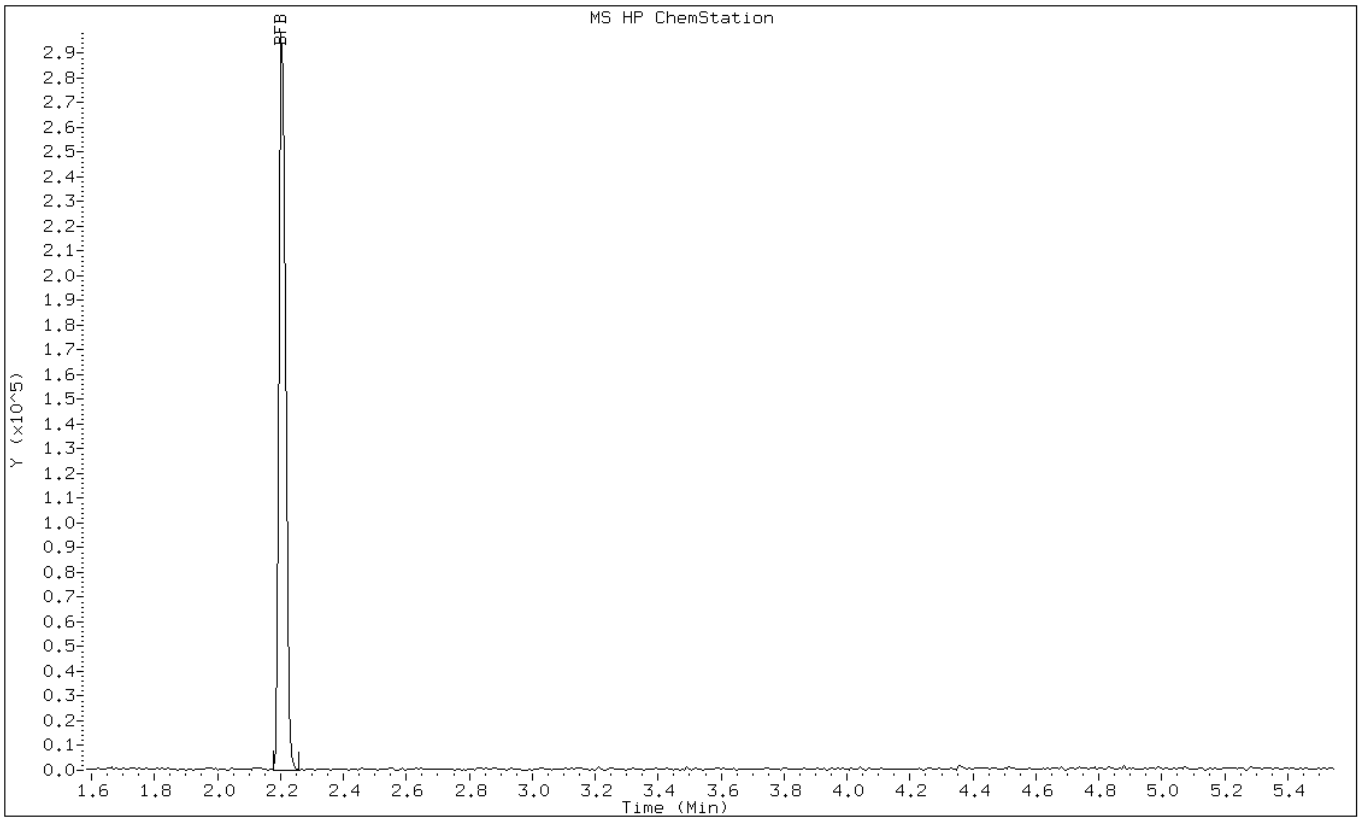
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.201	2.100 (0.000)	95	47717			0.00- 100.00	100.00
2.201	2.100 (0.000)	50	7850			15.00- 40.00	16.45
2.201	2.100 (0.000)	75	22202			30.00- 60.00	46.53
2.201	2.100 (0.000)	96	3184			5.00- 9.00	6.67
2.201	2.100 (0.000)	173	0			0.00- 2.00	0.00
2.201	2.100 (0.000)	174	42736			50.00- 100.00	89.56
2.201	2.100 (0.000)	175	3459			5.00- 9.00	8.09
2.201	2.100 (0.000)	176	41610			95.00- 101.00	97.37
2.201	2.100 (0.000)	177	2625			5.00- 9.00	6.31

Data File: o63263.d

Date: 10-AUG-2012 07:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



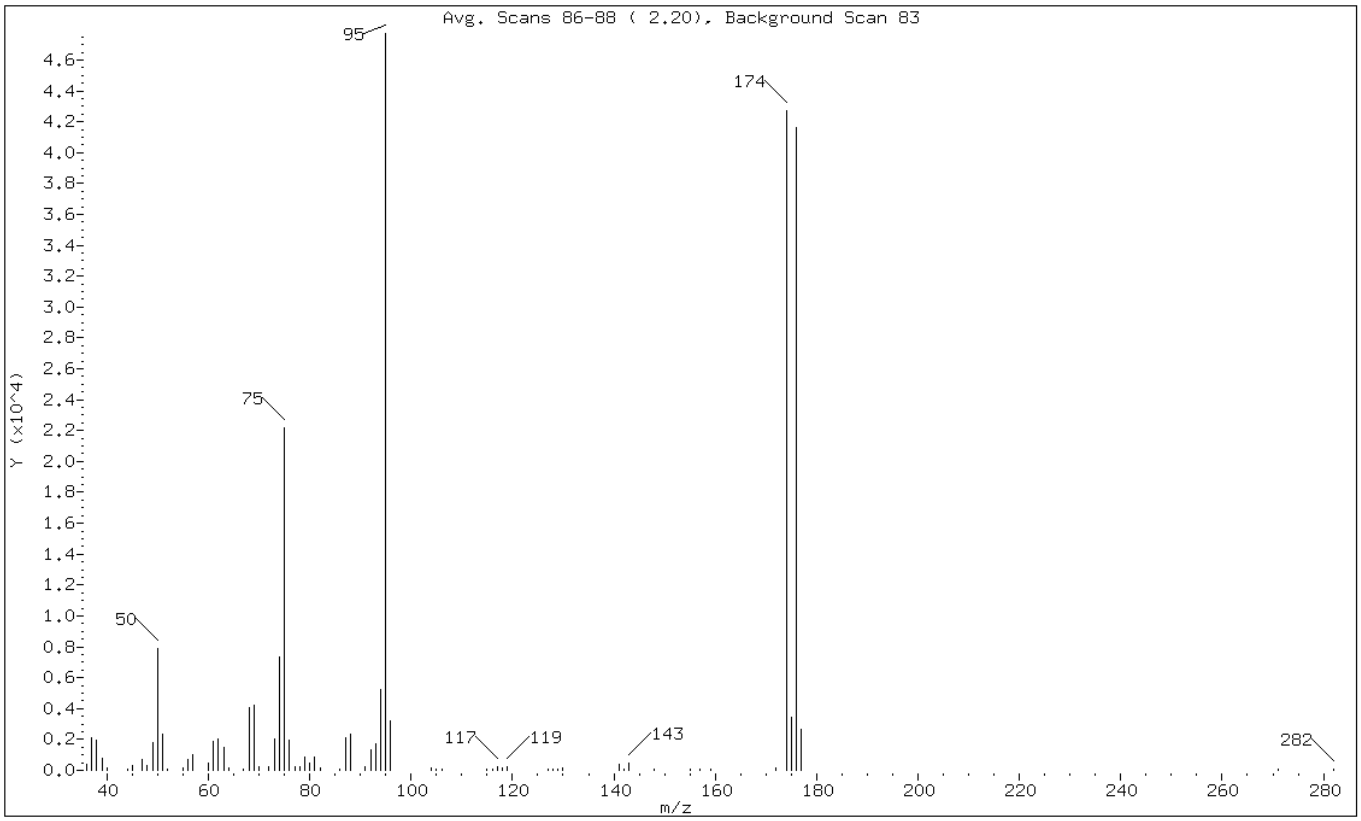
Data File: o63263.d

Date: 10-AUG-2012 07:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.45
75	30.00 - 60.00% of mass 95	46.53
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	89.56
175	5.00 - 9.00% of mass 174	7.25 (8.09)
176	95.00 - 101.00% of mass 174	87.20 (97.37)
177	5.00 - 9.00% of mass 176	5.50 (6.31)

Data File: o63263.d

Date: 10-AUG-2012 07:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63263.d
Spectrum: Avg. Scans 86-88 (2.20), Background Scan 83
Location of Maximum: 95.00
Number of points: 71

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	367	62.00	2059	86.00	97	128.00	85
37.00	2119	63.00	1467	87.00	2116	129.00	55
38.00	1967	64.00	121	88.00	2320	130.00	126
39.00	778	67.00	55	91.00	209	141.00	401
40.00	126	68.00	4042	92.00	1311	142.00	52
44.00	68	69.00	4255	93.00	1753	143.00	485
45.00	307	70.00	271	94.00	5213	148.00	84
47.00	682	72.00	203	95.00	47712	155.00	54
48.00	344	73.00	1998	96.00	3184	157.00	53
49.00	1831	74.00	7360	104.00	143	159.00	61
50.00	7850	75.00	22200	105.00	57	172.00	150
51.00	2381	76.00	1954	106.00	90	174.00	42736
52.00	78	77.00	226	115.00	69	175.00	3459
55.00	181	78.00	215	116.00	86	176.00	41608
56.00	698	79.00	838	117.00	263	177.00	2625
57.00	1053	80.00	433	118.00	139	271.00	50
60.00	472	81.00	898	119.00	225	282.00	74
61.00	1908	82.00	129	127.00	88		

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63347.d
Report Date: 13-Aug-2012 18:10

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63347.d
Lab Smp Id: BFB
Inj Date : 13-AUG-2012 17:49
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

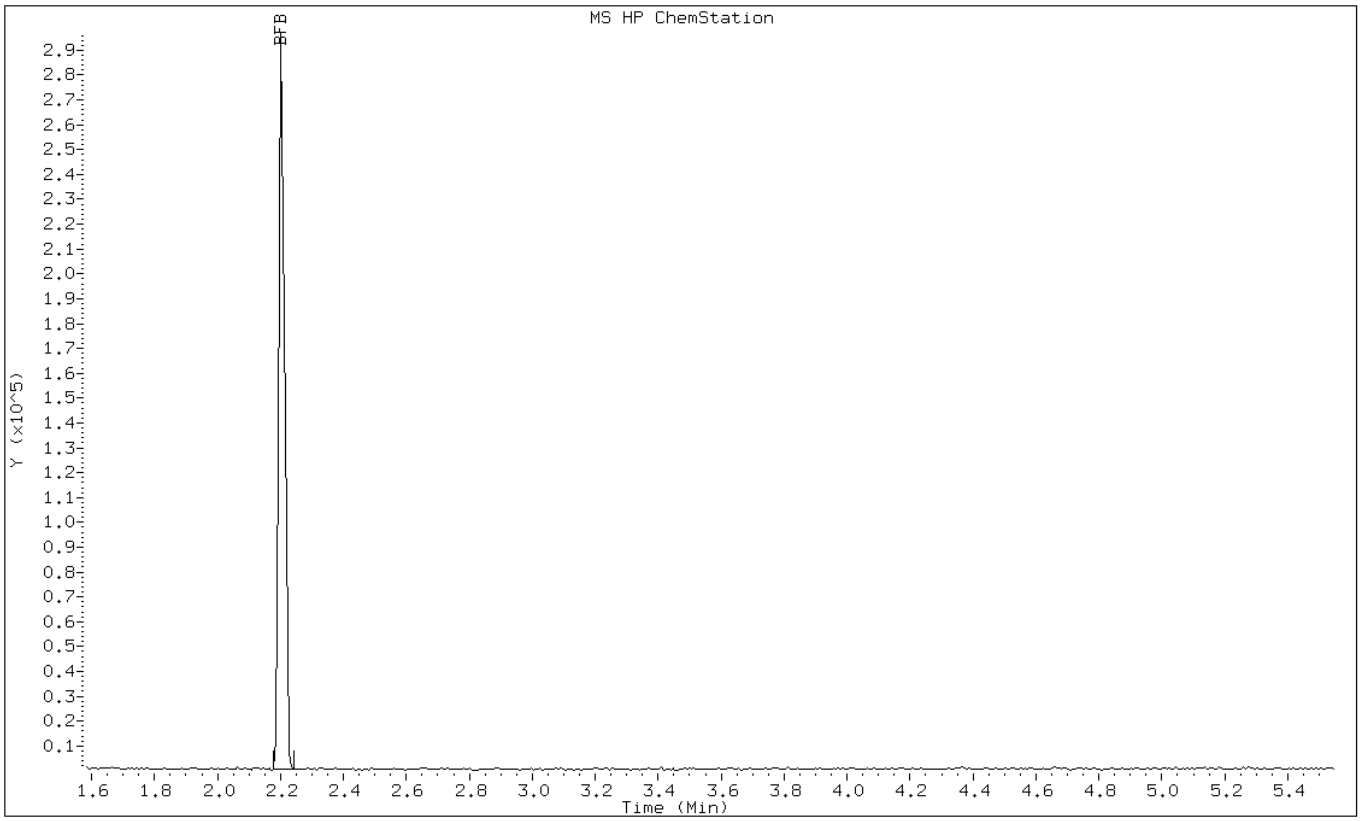
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.201	2.100 (0.000)	95	43616			0.00- 100.00	100.00
2.201	2.100 (0.000)	50	7690			15.00- 40.00	17.63
2.201	2.100 (0.000)	75	20048			30.00- 60.00	45.96
2.201	2.100 (0.000)	96	3132			5.00- 9.00	7.18
2.201	2.100 (0.000)	173	185			0.00- 2.00	0.47
2.201	2.100 (0.000)	174	39344			50.00- 100.00	90.21
2.201	2.100 (0.000)	175	3269			5.00- 9.00	8.31
2.201	2.100 (0.000)	176	38880			95.00- 101.00	98.82
2.201	2.100 (0.000)	177	2400			5.00- 9.00	6.17

Data File: o63347.d

Date: 13-AUG-2012 17:49

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



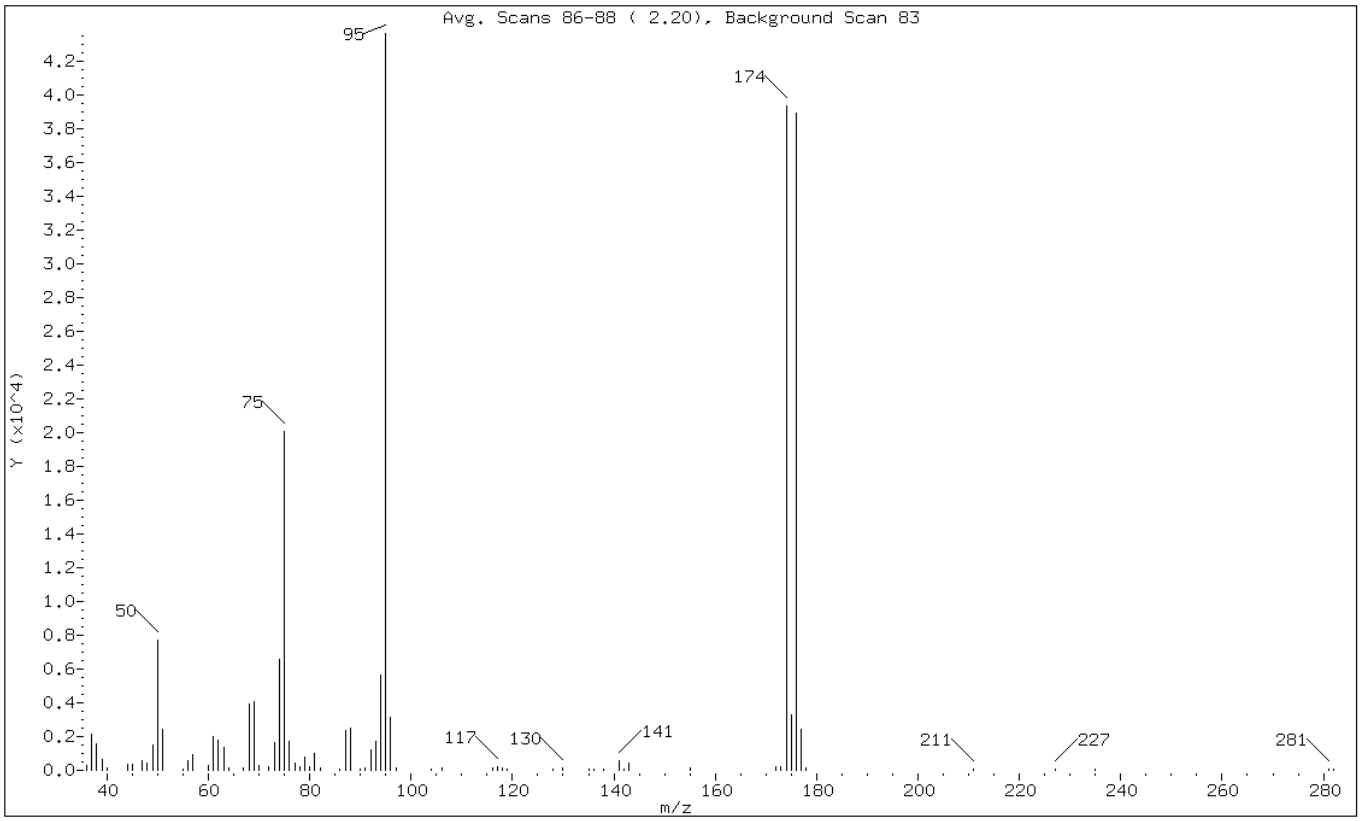
Data File: o63347.d

Date: 13-AUG-2012 17:49

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.63
75	30.00 - 60.00% of mass 95	45.96
96	5.00 - 9.00% of mass 95	7.18
173	Less than 2.00% of mass 174	0.42 (0.47)
174	50.00 - 100.00% of mass 95	90.21
175	5.00 - 9.00% of mass 174	7.49 (8.31)
176	95.00 - 101.00% of mass 174	89.14 (98.82)
177	5.00 - 9.00% of mass 176	5.50 (6.17)

Data File: o63347.d

Date: 13-AUG-2012 17:49

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63347.d
Spectrum: Avg. Scans 86-88 (2.20), Background Scan 83
Location of Maximum: 95.00
Number of points: 73

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	297	64.00	162	90.00	63	141.00	579
37.00	2146	67.00	116	91.00	174	142.00	85
38.00	1601	68.00	3932	92.00	1226	143.00	424
39.00	634	69.00	4103	93.00	1739	155.00	140
40.00	171	70.00	316	94.00	5610	172.00	236
44.00	377	72.00	196	95.00	43616	173.00	185
45.00	358	73.00	1617	96.00	3132	174.00	39344
47.00	603	74.00	6560	97.00	137	175.00	3269
48.00	439	75.00	20048	104.00	62	176.00	38880
49.00	1464	76.00	1679	106.00	143	177.00	2400
50.00	7690	77.00	409	116.00	112	178.00	140
51.00	2401	78.00	232	117.00	236	211.00	53
55.00	55	79.00	811	118.00	116	227.00	55
56.00	549	80.00	216	119.00	94	235.00	50
57.00	911	81.00	1022	128.00	66	281.00	71
60.00	318	82.00	147	130.00	141	282.00	52
61.00	1997	86.00	53	135.00	61		
62.00	1804	87.00	2391	136.00	69		
63.00	1356	88.00	2475	138.00	54		

Data File: /chem/VOAMS4.i/8260_09/08-07-12/07aug12.b/d23147.d
Report Date: 07-Aug-2012 20:01

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/08-07-12/07aug12.b/d23147.d
Lab Smp Id: BFB
Inj Date : 07-AUG-2012 20:14
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-07-12/07aug12.b/VOABFB.m
Meth Date : 02-Mar-2011 20:46 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

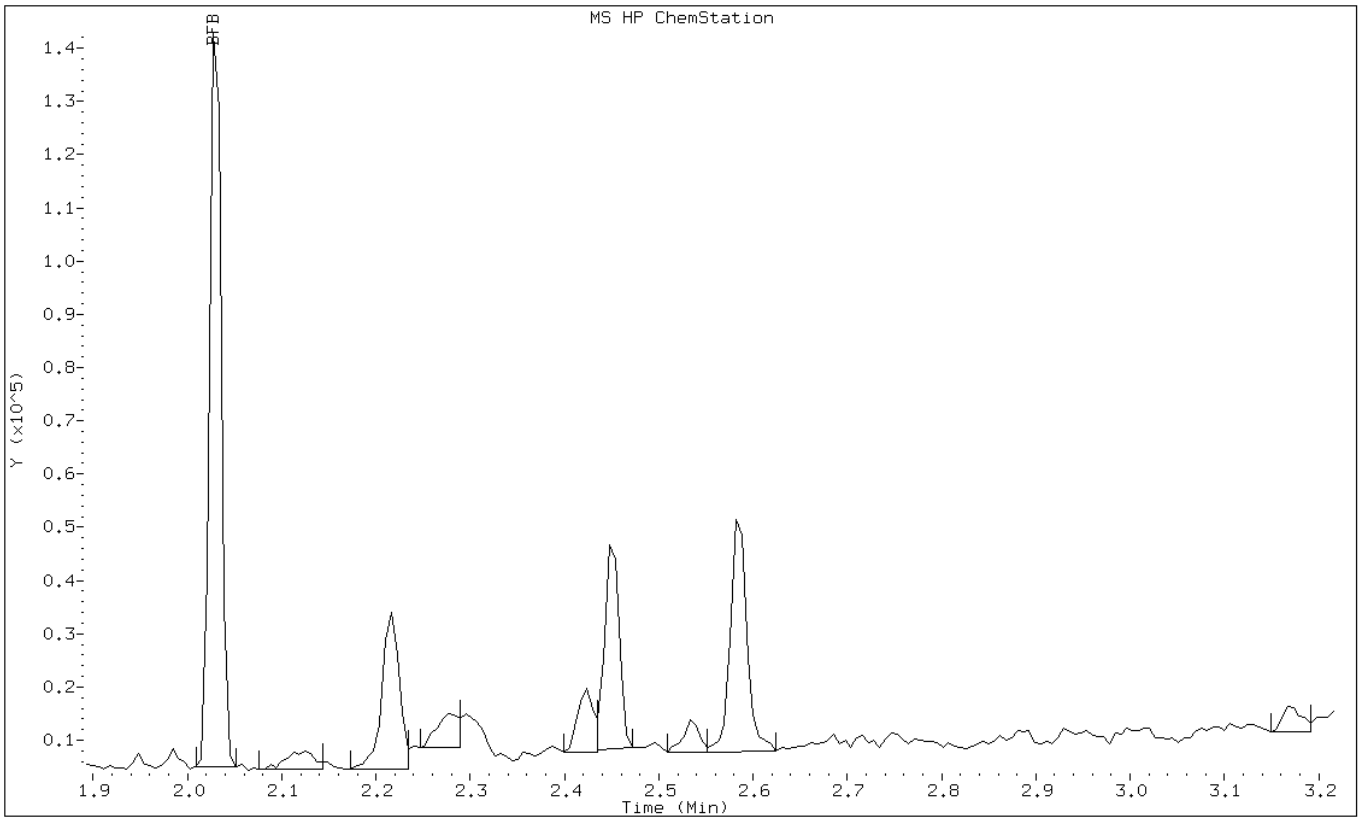
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.027	2.000 (0.000)	95	21184			0.00- 100.00	100.00
2.027	2.000 (0.000)	50	3367			15.00- 40.00	15.89
2.027	2.000 (0.000)	75	9187			30.00- 60.00	43.37
2.027	2.000 (0.000)	96	1432			5.00- 9.00	6.76
2.027	2.000 (0.000)	173	0			0.00- 2.00	0.00
2.027	2.000 (0.000)	174	18619			50.00- 100.00	87.89
2.027	2.000 (0.000)	175	1490			5.00- 9.00	8.00
2.027	2.000 (0.000)	176	18253			95.00- 101.00	98.03
2.027	2.000 (0.000)	177	1304			5.00- 9.00	7.14

Data File: d23147.d

Date: 07-AUG-2012 20:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



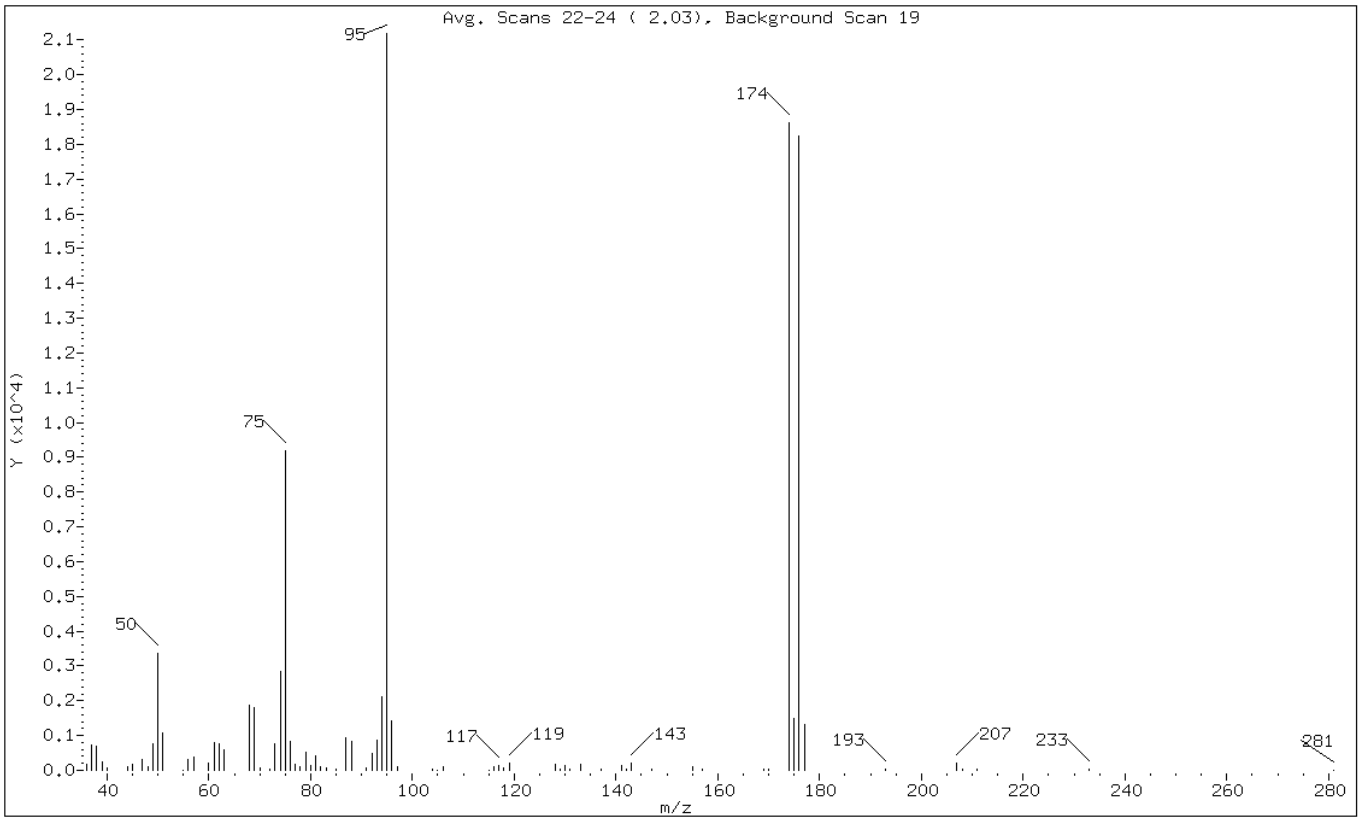
Data File: d23147.d

Date: 07-AUG-2012 20:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.89
75	30.00 - 60.00% of mass 95	43.37
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.89
175	5.00 - 9.00% of mass 174	7.03 (8.00)
176	95.00 - 101.00% of mass 174	86.16 (98.03)
177	5.00 - 9.00% of mass 176	6.16 (7.14)

Data File: d23147.d

Date: 07-AUG-2012 20:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/08-07-12/07aug12.b/d23147.d
Spectrum: Avg. Scans 22-24 (2.03), Background Scan 19
Location of Maximum: 95.00
Number of points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	163	69.00	1792	94.00	2120	143.00	207
37.00	713	70.00	72	95.00	21184	147.00	49
38.00	709	72.00	50	96.00	1432	155.00	95
39.00	233	73.00	765	97.00	97	157.00	42
40.00	74	74.00	2860	104.00	36	169.00	45
44.00	105	75.00	9187	105.00	7	170.00	34
45.00	168	76.00	820	106.00	88	174.00	18616
47.00	304	77.00	173	115.00	16	175.00	1490
48.00	101	78.00	98	116.00	89	176.00	18248
49.00	757	79.00	520	117.00	148	177.00	1304
50.00	3367	80.00	143	118.00	59	193.00	37
51.00	1072	81.00	408	119.00	202	207.00	207
55.00	5	82.00	100	128.00	173	208.00	51
56.00	312	83.00	86	129.00	40	211.00	26
57.00	398	85.00	33	130.00	149	233.00	44
60.00	191	87.00	922	131.00	40	281.00	11
61.00	811	88.00	836	133.00	178		
62.00	763	91.00	54	137.00	38		
63.00	586	92.00	492	141.00	151		
68.00	1876	93.00	884	142.00	33		

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23209.d
Report Date: 09-Aug-2012 09:02

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23209.d
Lab Smp Id: BFB
Inj Date : 09-AUG-2012 09:14
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/VOABFB.m
Meth Date : 02-Mar-2011 20:46 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

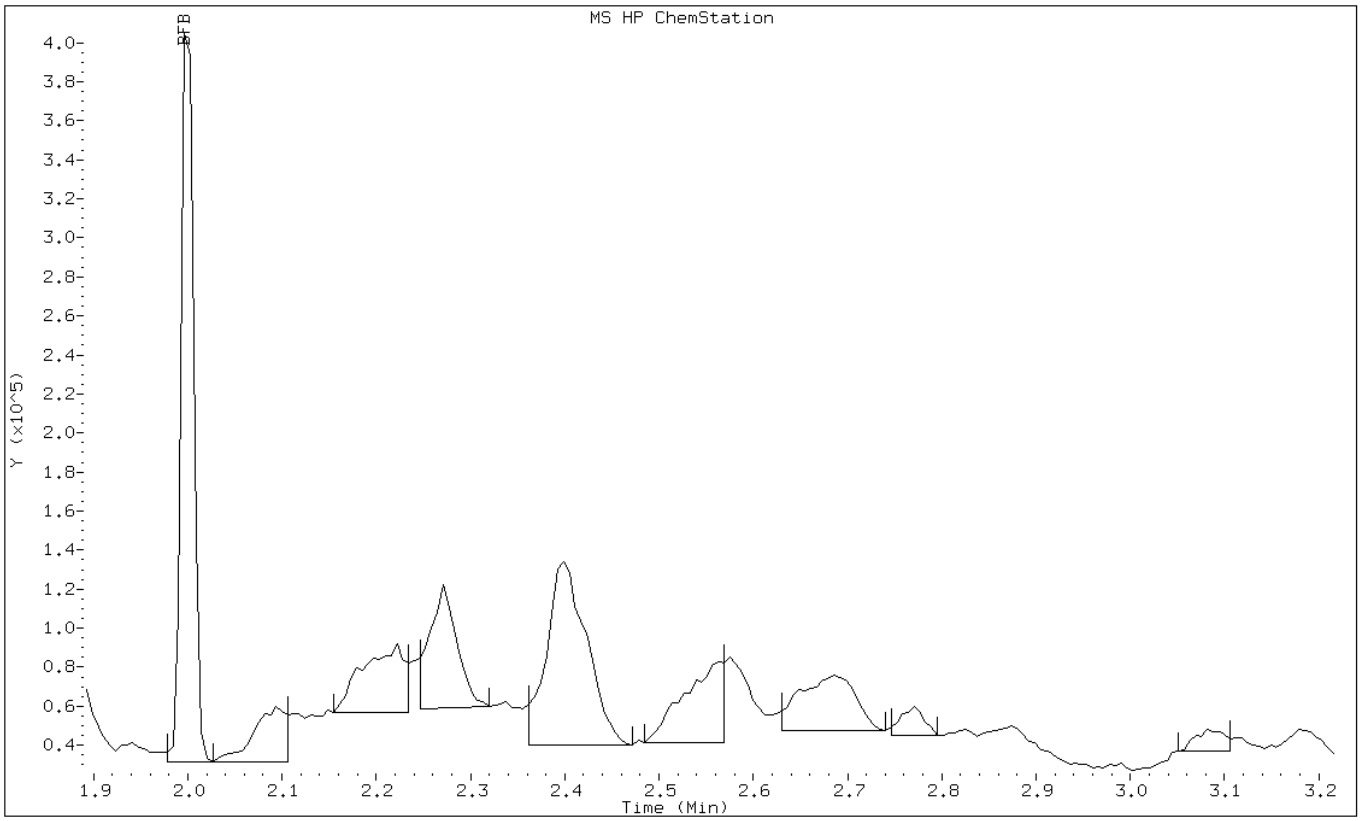
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
1.996	2.000 (0.000)	95	56190			0.00- 100.00	100.00
1.996	2.000 (0.000)	50	9462			15.00- 40.00	16.84
1.996	2.000 (0.000)	75	25896			30.00- 60.00	46.09
1.996	2.000 (0.000)	96	3641			5.00- 9.00	6.48
1.996	2.000 (0.000)	173	0			0.00- 2.00	0.00
1.996	2.000 (0.000)	174	49925			50.00- 100.00	88.85
1.996	2.000 (0.000)	175	3701			5.00- 9.00	7.41
1.996	2.000 (0.000)	176	48091			95.00- 101.00	96.33
1.996	2.000 (0.000)	177	3082			5.00- 9.00	6.41

Data File: d23209.d

Date: 09-AUG-2012 09:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



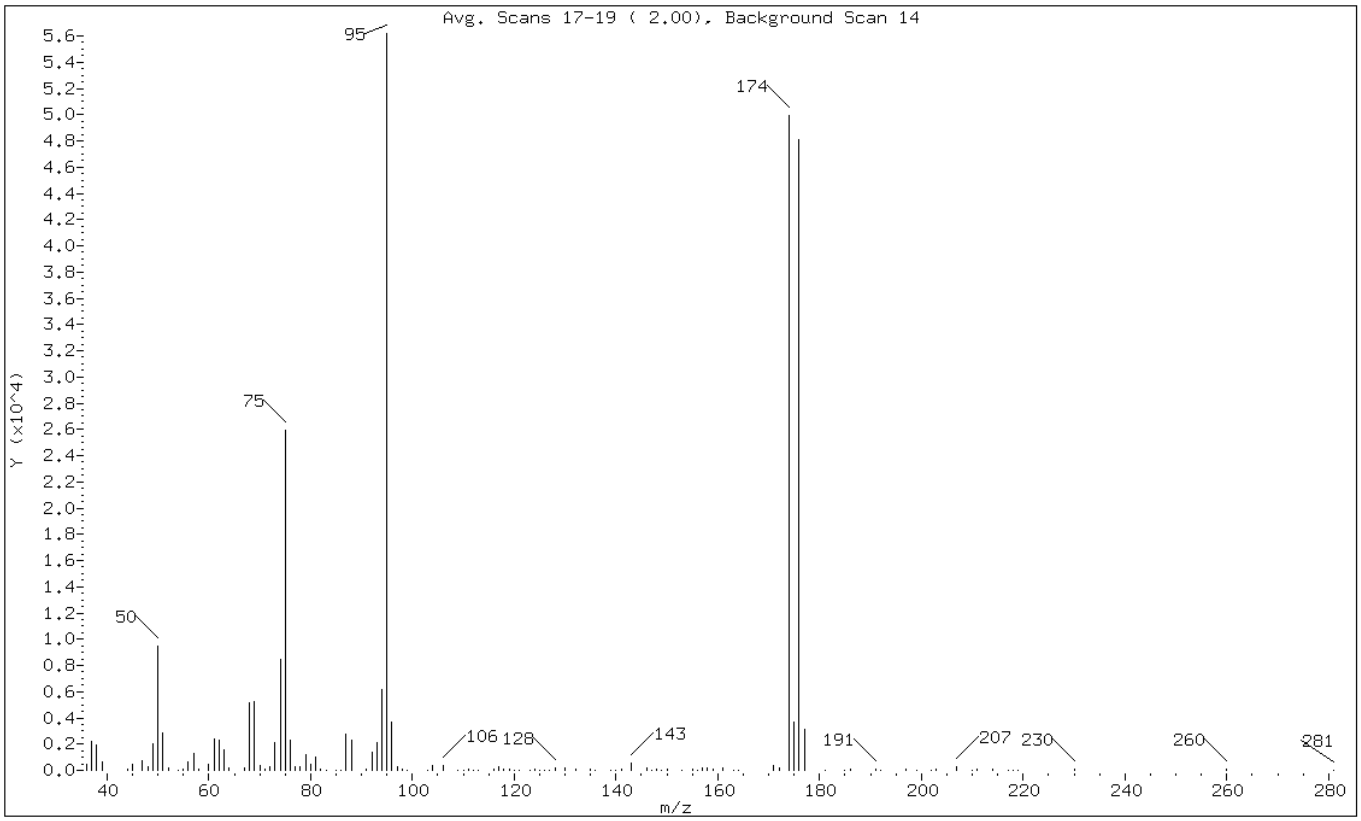
Data File: d23209.d

Date: 09-AUG-2012 09:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.84
75	30.00 - 60.00% of mass 95	46.09
96	5.00 - 9.00% of mass 95	6.48
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	88.85
175	5.00 - 9.00% of mass 174	6.59 (7.41)
176	95.00 - 101.00% of mass 174	85.59 (96.33)
177	5.00 - 9.00% of mass 176	5.48 (6.41)

Data File: d23209.d

Date: 09-AUG-2012 09:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23209.d
Spectrum: Avg. Scans 17-19 (2.00), Background Scan 14
Location of Maximum: 95.00
Number of points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	484	75.00	25896	116.00	78	159.00	77
37.00	2213	76.00	2278	117.00	278	161.00	221
38.00	1929	77.00	239	118.00	75	163.00	9
39.00	676	78.00	253	119.00	73	164.00	33
44.00	91	79.00	1187	120.00	9	171.00	339
45.00	439	80.00	435	121.00	36	172.00	179
47.00	752	81.00	1012	123.00	19	174.00	49920
48.00	298	82.00	97	124.00	82	175.00	3701
49.00	2053	83.00	40	125.00	45	176.00	48088
50.00	9462	85.00	4	126.00	41	177.00	3082
51.00	2870	86.00	37	127.00	44	181.00	30
52.00	178	87.00	2715	128.00	206	185.00	31
54.00	41	88.00	2272	130.00	197	186.00	62
55.00	92	91.00	107	132.00	127	191.00	125
56.00	671	92.00	1339	135.00	122	192.00	35
57.00	1286	93.00	2132	136.00	34	197.00	99
58.00	73	94.00	6135	139.00	28	199.00	23
60.00	430	95.00	56184	140.00	33	202.00	44
61.00	2370	96.00	3641	141.00	88	203.00	121
62.00	2303	97.00	289	143.00	527	207.00	240
63.00	1537	98.00	75	146.00	194	210.00	35
64.00	228	99.00	34	147.00	13	211.00	66
67.00	154	103.00	31	148.00	130	214.00	131
68.00	5166	104.00	331	149.00	37	217.00	40
69.00	5280	106.00	337	150.00	121	218.00	6
70.00	380	109.00	38	153.00	10	219.00	35
71.00	76	110.00	20	155.00	81	230.00	77
72.00	297	111.00	132	156.00	13	260.00	63
73.00	2159	112.00	37	157.00	189	281.00	28
74.00	8473	113.00	33	158.00	175		

Data File: /chem/VOAMS9.i/8260_09/07-23-12/23jul12.b/k02505.d
Report Date: 24-Jul-2012 01:15

TestAmerica

Data file : /chem/VOAMS9.i/8260_09/07-23-12/23jul12.b/k02505.d
Lab Smp Id: BFB
Inj Date : 23-JUL-2012 19:30
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/07-02-12a/23jul12.b/VOABFB.m
Meth Date : 24-Feb-2012 20:28 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

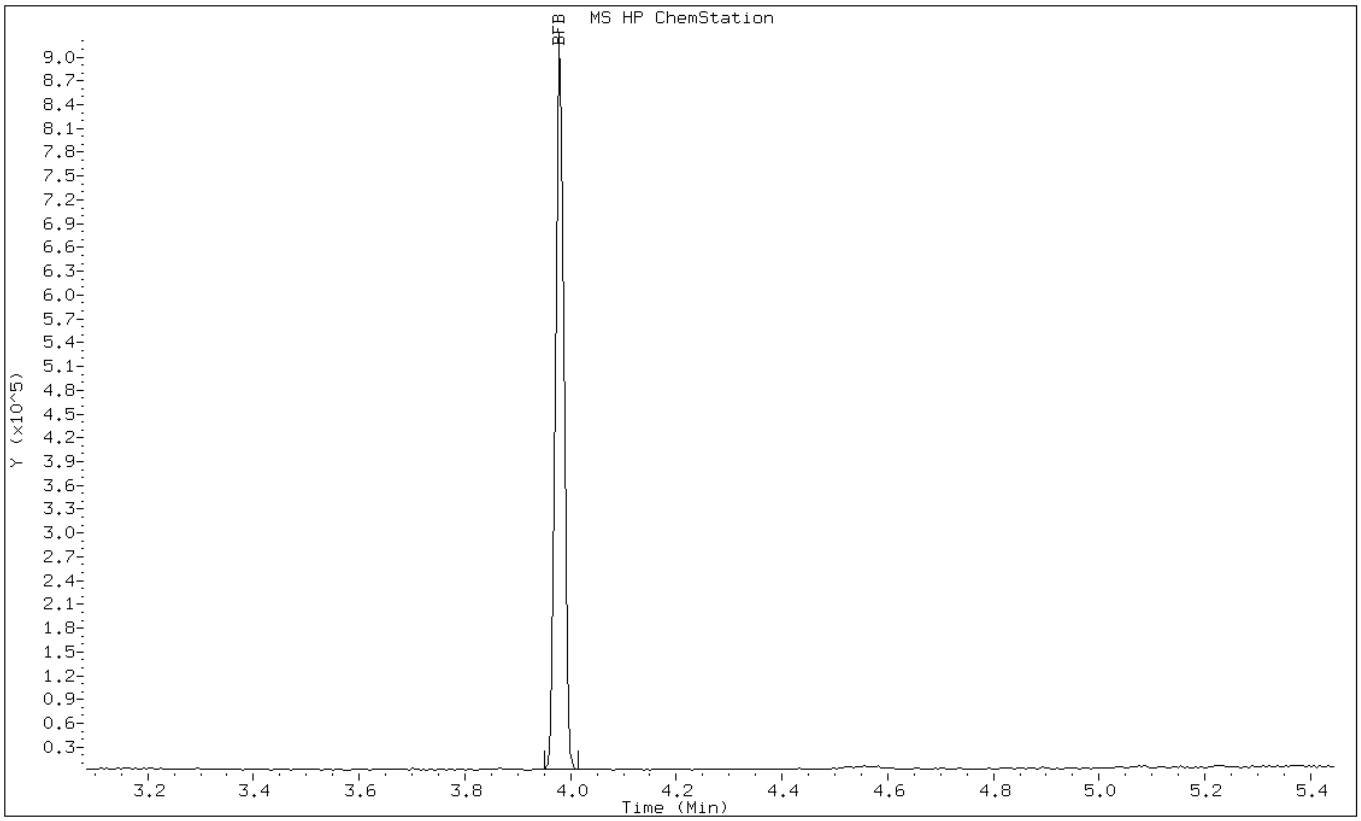
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.978	4.000 (0.000)	95	158824			0.00- 100.00	100.00
3.978	4.000 (0.000)	50	25090			15.00- 40.00	15.80
3.978	4.000 (0.000)	75	70477			30.00- 60.00	44.37
3.978	4.000 (0.000)	96	11026			5.00- 9.00	6.94
3.978	4.000 (0.000)	173	0			0.00- 2.00	0.00
3.978	4.000 (0.000)	174	157645			50.00- 100.00	99.26
3.978	4.000 (0.000)	175	12459			5.00- 9.00	7.90
3.978	4.000 (0.000)	176	155189			95.00- 101.00	98.44
3.978	4.000 (0.000)	177	10625			5.00- 9.00	6.85

Data File: k02505.d

Date: 23-JUL-2012 19:30

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1



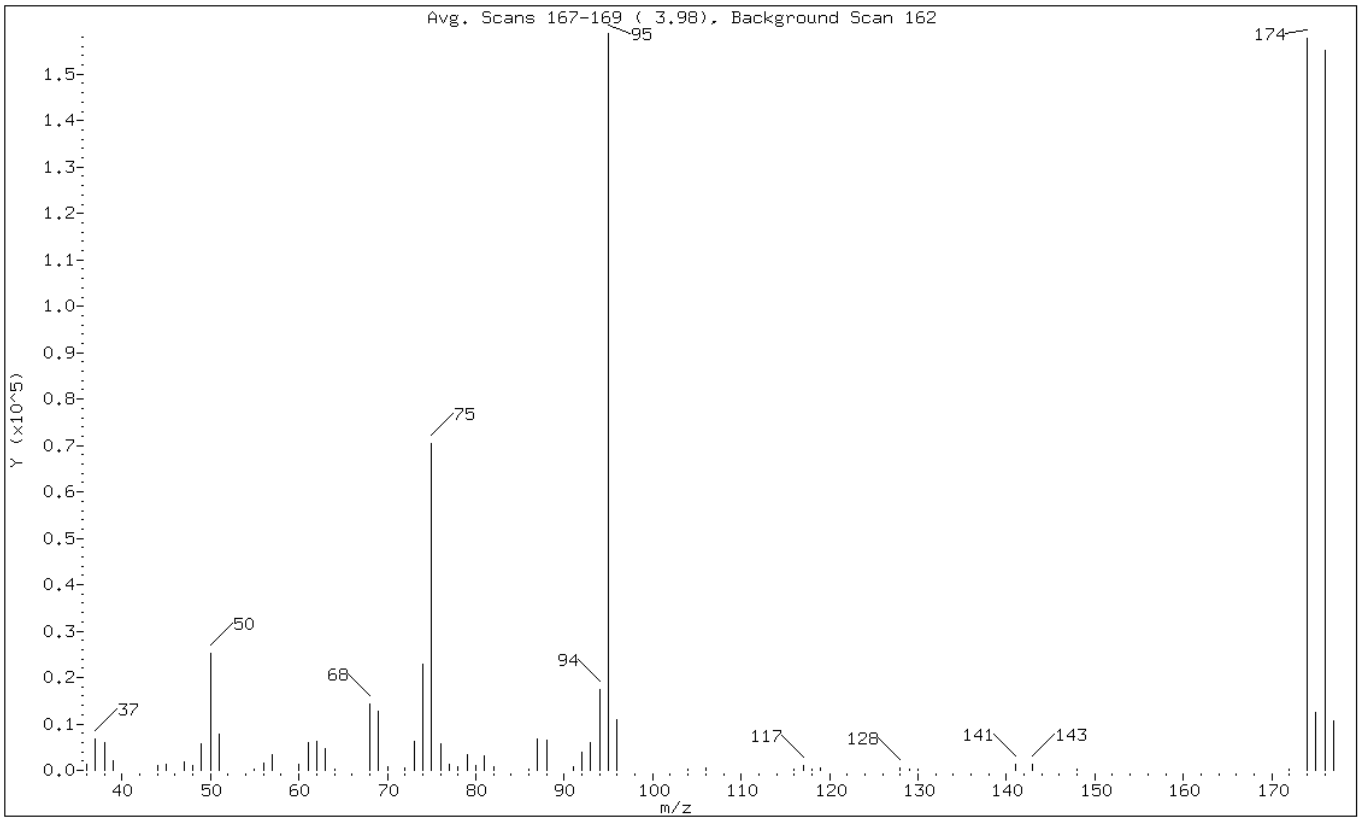
Data File: k02505.d

Date: 23-JUL-2012 19:30

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.80
75	30.00 - 60.00% of mass 95	44.37
96	5.00 - 9.00% of mass 95	6.94
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	99.26
175	5.00 - 9.00% of mass 174	7.84 (7.90)
176	95.00 - 101.00% of mass 174	97.71 (98.44)
177	5.00 - 9.00% of mass 176	6.69 (6.85)

Data File: k02505.d

Date: 23-JUL-2012 19:30

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260_09/07-23-12/23jul12.b/k02505.d
Spectrum: Avg. Scans 167-169 (3.98), Background Scan 162
Location of Maximum: 95.00
Number of points: 59

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1316	61.00	6015	80.00	945	117.00	957
37.00	6692	62.00	6233	81.00	3206	118.00	285
38.00	6042	63.00	4695	82.00	725	119.00	410
39.00	2101	64.00	211	86.00	167	128.00	470
44.00	941	68.00	14364	87.00	6867	129.00	199
45.00	1226	69.00	12836	88.00	6490	130.00	205
47.00	1878	70.00	897	91.00	652	141.00	1203
48.00	972	72.00	493	92.00	3862	143.00	1263
49.00	5668	73.00	6338	93.00	6050	148.00	171
50.00	25088	74.00	22760	94.00	17520	172.00	257
51.00	7682	75.00	70472	95.00	158784	174.00	157632
55.00	177	76.00	5755	96.00	11026	175.00	12459
56.00	1683	77.00	1189	104.00	381	176.00	155136
57.00	3486	78.00	821	106.00	509	177.00	10625
60.00	1314	79.00	3300	116.00	374		

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02942.d
Report Date: 02-Aug-2012 08:34

TestAmerica

Data file : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02942.d
Lab Smp Id: BFB
Inj Date : 02-AUG-2012 08:19
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/VOABFB.m
Meth Date : 24-Feb-2012 20:28 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

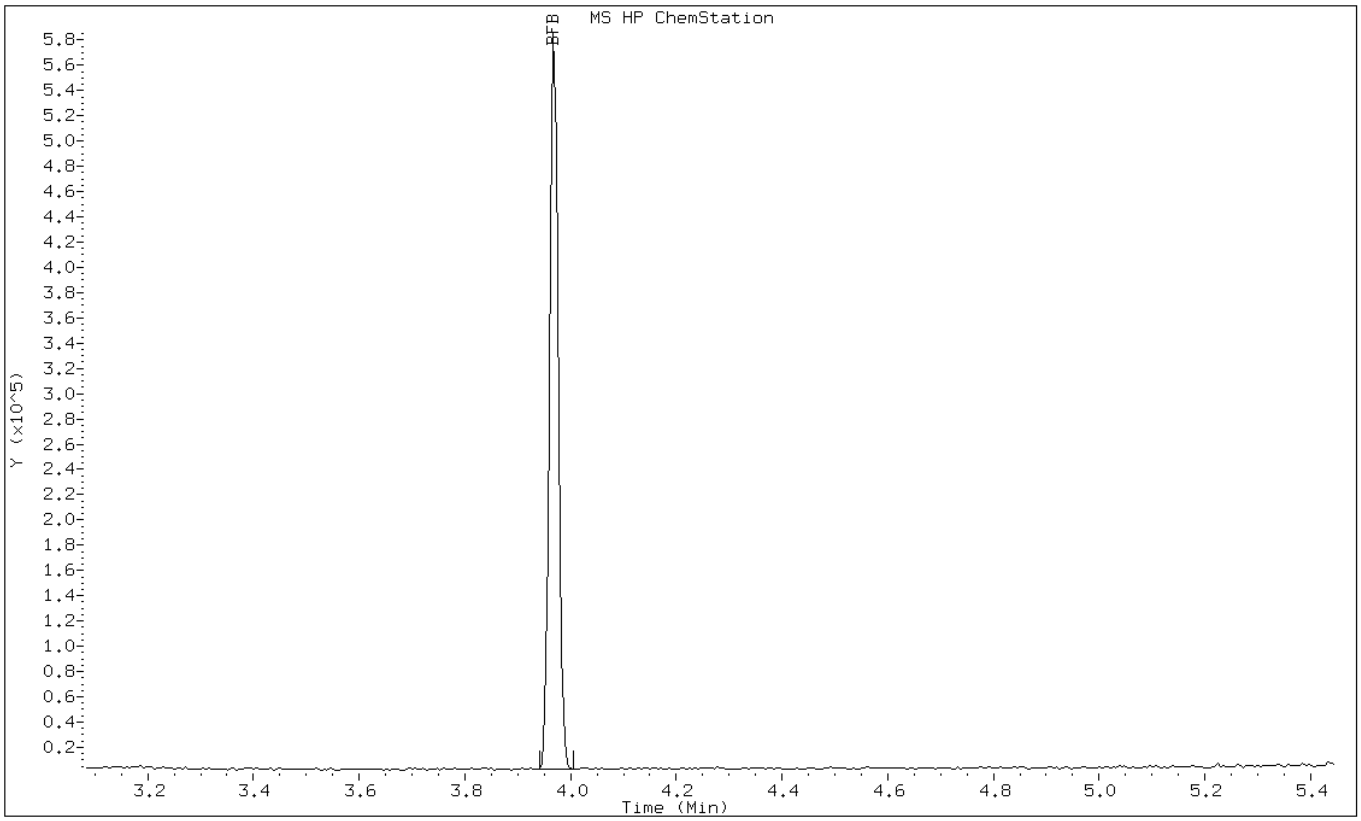
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.967	4.000 (0.000)	95	88920			0.00- 100.00	100.00
3.967	4.000 (0.000)	50	18184			15.00- 40.00	20.45
3.967	4.000 (0.000)	75	41160			30.00- 60.00	46.29
3.967	4.000 (0.000)	96	7164			5.00- 9.00	8.06
3.967	4.000 (0.000)	173	0			0.00- 2.00	0.00
3.967	4.000 (0.000)	174	70736			50.00- 100.00	79.55
3.967	4.000 (0.000)	175	5841			5.00- 9.00	8.26
3.967	4.000 (0.000)	176	67896			95.00- 101.00	95.99
3.967	4.000 (0.000)	177	5231			5.00- 9.00	7.70

Data File: k02942.d

Date: 02-AUG-2012 08:19

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1



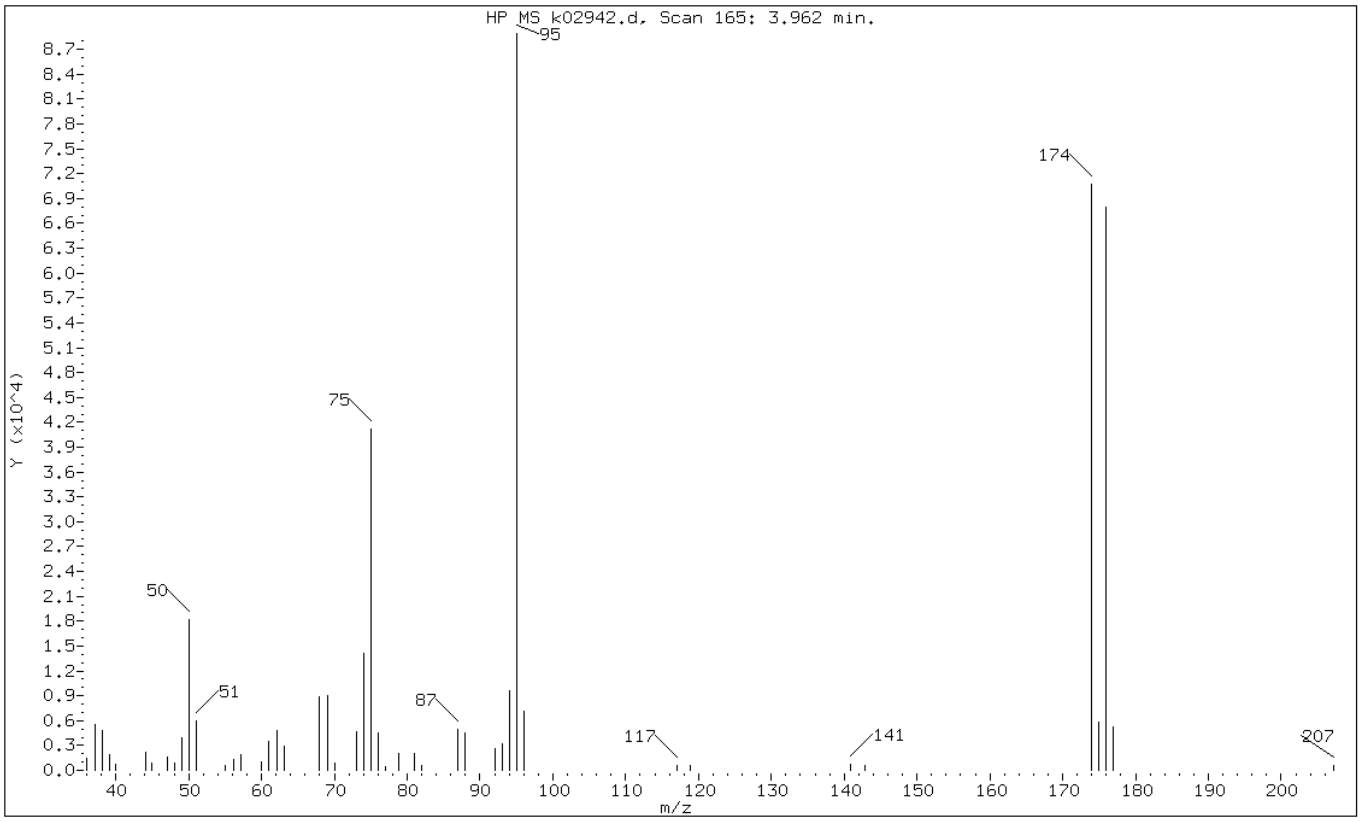
Data File: k02942.d

Date: 02-AUG-2012 08:19

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.45
75	30.00 - 60.00% of mass 95	46.29
96	5.00 - 9.00% of mass 95	8.06
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	79.55
175	5.00 - 9.00% of mass 174	6.57 (8.26)
176	95.00 - 101.00% of mass 174	76.36 (95.99)
177	5.00 - 9.00% of mass 176	5.88 (7.70)

Data File: k02942.d

Date: 02-AUG-2012 08:19

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02942.d
Spectrum: HP MS k02942.d, Scan 165: 3.962 min.
Location of Maximum: 95.00
Number of points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1455	55.00	513	75.10	41160	96.10	7164
37.10	5464	56.10	1335	76.10	4545	117.10	521
38.10	4743	57.10	1886	77.10	506	118.90	512
39.10	1888	60.00	1021	78.90	1977	140.90	729
40.00	772	61.00	3489	81.00	1992	142.90	529
44.10	2135	62.10	4839	82.00	654	173.90	70736
45.00	840	63.10	2907	87.00	5012	175.00	5841
47.00	1580	68.00	8834	88.00	4458	175.90	67896
48.10	922	69.10	9033	92.00	2580	177.00	5231
49.10	3946	70.10	817	93.00	3259	207.20	560
50.10	18184	73.10	4593	94.10	9593		
51.10	6028	74.00	14138	95.00	88920		

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/03aug12a.b/k02980.d
Report Date: 03-Aug-2012 18:56

TestAmerica

Data file : /chem/VOAMS9.i/8260L_10/08-03-12/03aug12a.b/k02980.d
Lab Smp Id: BFB
Inj Date : 03-AUG-2012 18:42
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260L_10/08-03-12/03aug12a.b/VOABFB.m
Meth Date : 24-Feb-2012 20:28 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

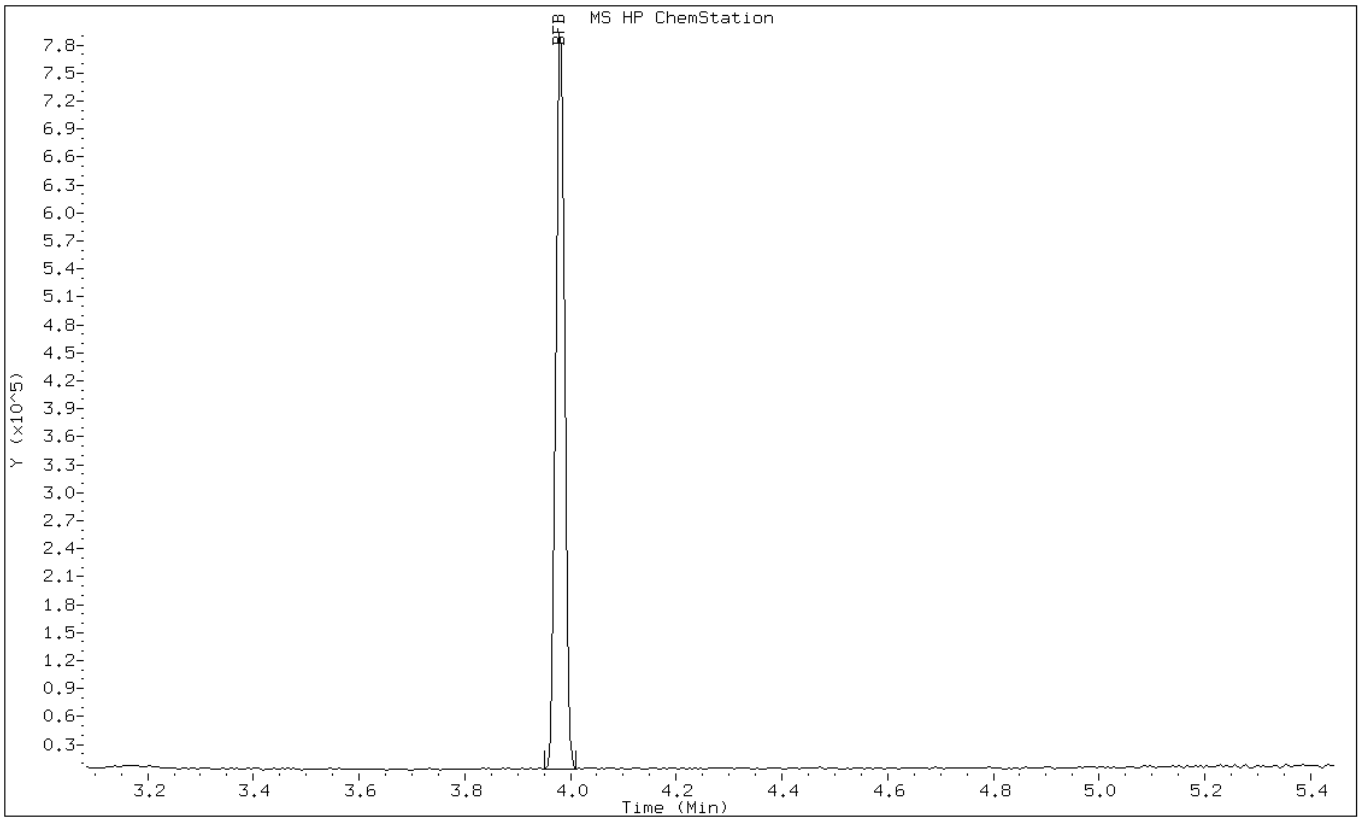
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.978	4.000 (0.000)	95	140109			0.00- 100.00	100.00
3.978	4.000 (0.000)	50	28202			15.00- 40.00	20.13
3.978	4.000 (0.000)	75	68896			30.00- 60.00	49.17
3.978	4.000 (0.000)	96	9878			5.00- 9.00	7.05
3.978	4.000 (0.000)	173	0			0.00- 2.00	0.00
3.978	4.000 (0.000)	174	119842			50.00- 100.00	85.53
3.978	4.000 (0.000)	175	10670			5.00- 9.00	8.90
3.978	4.000 (0.000)	176	114069			95.00- 101.00	95.18
3.978	4.000 (0.000)	177	7855			5.00- 9.00	6.89

Data File: k02980.d

Date: 03-AUG-2012 18:42

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1



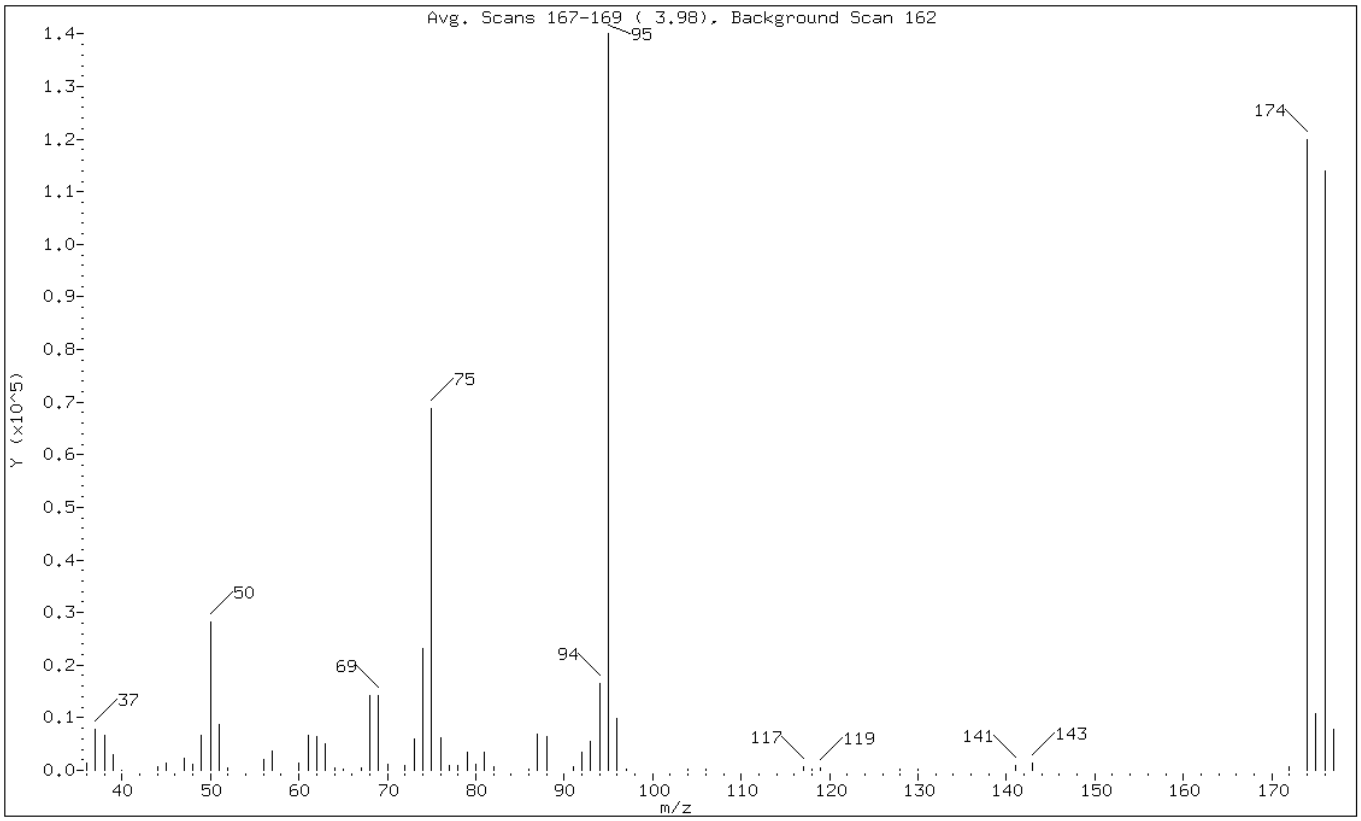
Data File: k02980.d

Date: 03-AUG-2012 18:42

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.13
75	30.00 - 60.00% of mass 95	49.17
96	5.00 - 9.00% of mass 95	7.05
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	85.53
175	5.00 - 9.00% of mass 174	7.62 (8.90)
176	95.00 - 101.00% of mass 174	81.41 (95.18)
177	5.00 - 9.00% of mass 176	5.61 (6.89)

Data File: k02980.d

Date: 03-AUG-2012 18:42

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/03aug12a.b/k02980.d
Spectrum: Avg. Scans 167-169 (3.98), Background Scan 162
Location of Maximum: 95.00
Number of points: 60

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1443	61.00	6717	79.00	3445	117.00	630
37.00	7710	62.00	6413	80.00	1165	118.00	240
38.00	6622	63.00	5049	81.00	3395	119.00	535
39.00	3011	64.00	522	82.00	765	128.00	171
40.00	85	65.00	181	86.00	213	130.00	217
44.00	774	67.00	449	87.00	6951	141.00	831
45.00	1278	68.00	14246	88.00	6394	143.00	1358
47.00	2359	69.00	14308	91.00	668	172.00	785
48.00	1162	70.00	1178	92.00	3448	174.00	119840
49.00	6654	72.00	902	93.00	5511	175.00	10670
50.00	28200	73.00	5986	94.00	16424	176.00	114064
51.00	8607	74.00	23096	95.00	140096	177.00	7855
52.00	450	75.00	68896	96.00	9878		
56.00	2178	76.00	6159	97.00	179		
57.00	3708	77.00	985	104.00	204		
60.00	1270	78.00	866	106.00	281		

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03048.d
Report Date: 06-Aug-2012 19:57

TestAmerica

Data file : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03048.d
Lab Smp Id: BFB
Inj Date : 06-AUG-2012 19:46
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/VOABFB.m
Meth Date : 24-Feb-2012 20:28 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

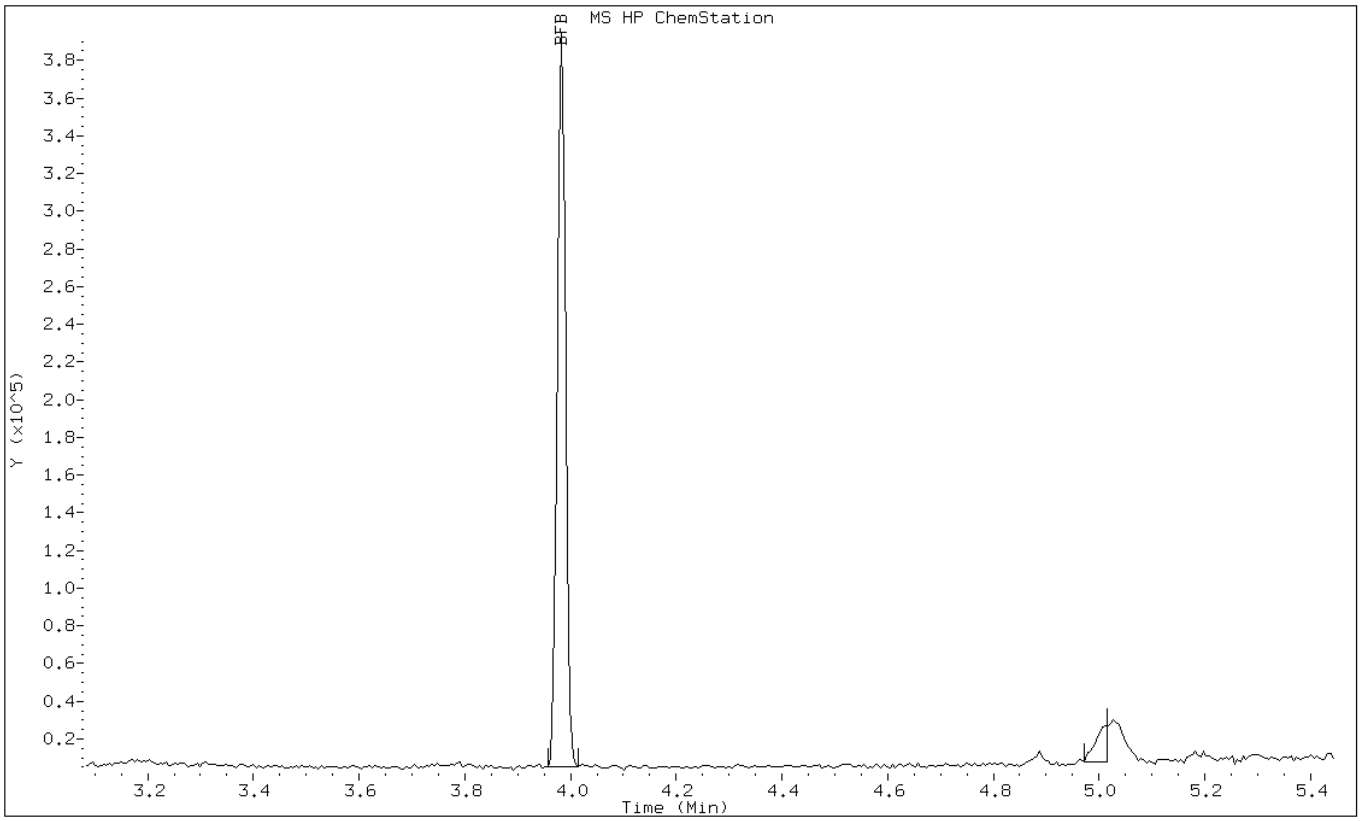
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.983	4.000 (0.000)	95	67824			0.00- 100.00	100.00
3.983	4.000 (0.000)	50	14050			15.00- 40.00	20.72
3.983	4.000 (0.000)	75	32538			30.00- 60.00	47.97
3.983	4.000 (0.000)	96	4755			5.00- 9.00	7.01
3.983	4.000 (0.000)	173	429			0.00- 2.00	0.74
3.983	4.000 (0.000)	174	57754			50.00- 100.00	85.15
3.983	4.000 (0.000)	175	4658			5.00- 9.00	8.07
3.983	4.000 (0.000)	176	55045			95.00- 101.00	95.31
3.983	4.000 (0.000)	177	3803			5.00- 9.00	6.91

Data File: k03048.d

Date: 06-AUG-2012 19:46

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1



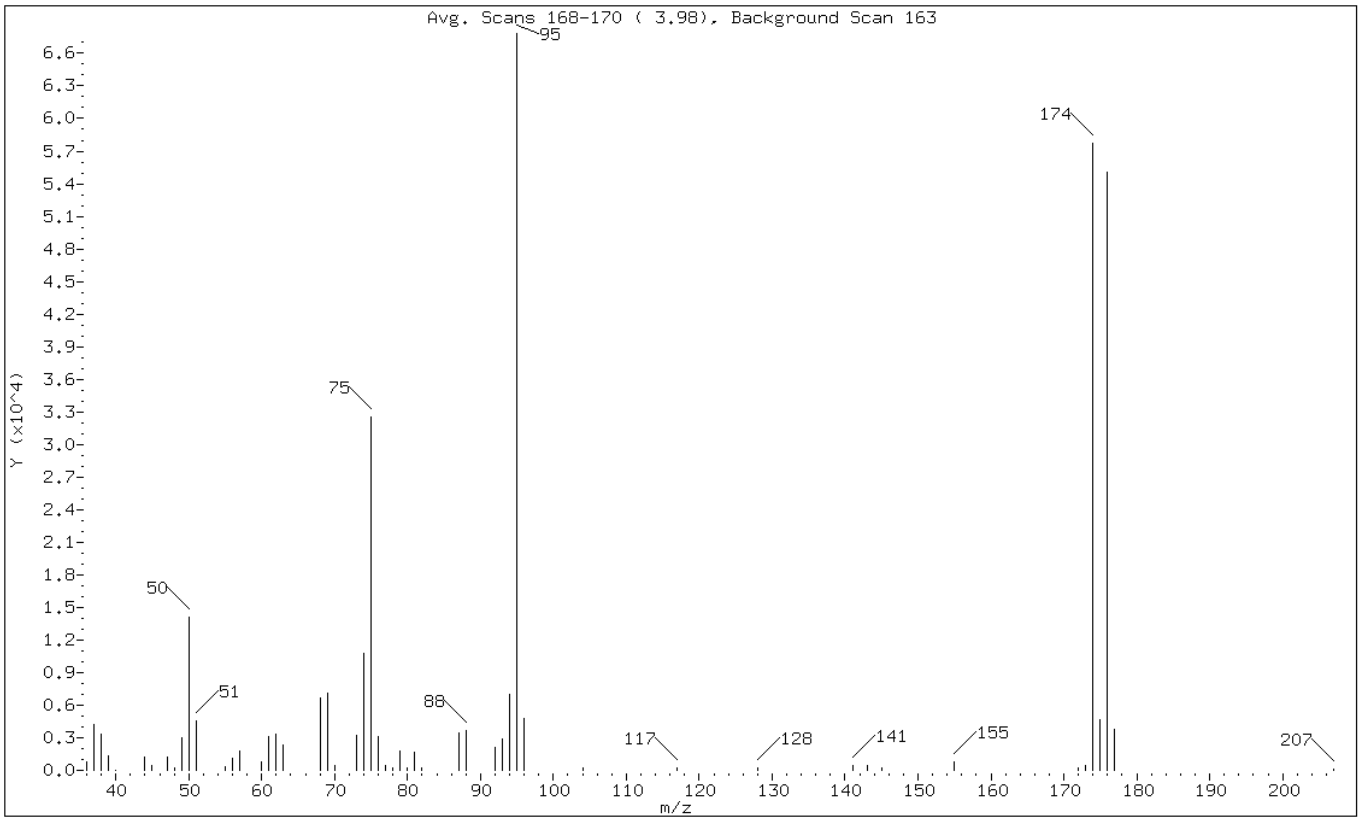
Data File: k03048.d

Date: 06-AUG-2012 19:46

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.72
75	30.00 - 60.00% of mass 95	47.97
96	5.00 - 9.00% of mass 95	7.01
173	Less than 2.00% of mass 174	0.63 (0.74)
174	50.00 - 100.00% of mass 95	85.15
175	5.00 - 9.00% of mass 174	6.87 (8.07)
176	95.00 - 101.00% of mass 174	81.16 (95.31)
177	5.00 - 9.00% of mass 176	5.61 (6.91)

Data File: k03048.d

Date: 06-AUG-2012 19:46

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03048.d
Spectrum: Avg. Scans 168-170 (3.98), Background Scan 163
Location of Maximum: 95.00
Number of points: 53

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	826	57.00	1738	79.00	1791	141.00	432
37.00	4271	60.00	809	80.00	245	143.00	407
38.00	3380	61.00	3063	81.00	1631	145.00	168
39.00	1360	62.00	3292	82.00	182	155.00	757
40.00	31	63.00	2344	87.00	3468	172.00	185
44.00	1166	68.00	6649	88.00	3668	173.00	429
45.00	471	69.00	7081	92.00	2100	174.00	57752
47.00	1236	70.00	450	93.00	2859	175.00	4658
48.00	241	73.00	3211	94.00	7043	176.00	55040
49.00	2992	74.00	10781	95.00	67824	177.00	3803
50.00	14050	75.00	32536	96.00	4755	207.00	56
51.00	4534	76.00	3081	104.00	185		
55.00	342	77.00	466	117.00	186		
56.00	1099	78.00	180	128.00	167		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122264/4
Matrix: Water
Lab File ID: k02947.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/02/2012 10:20
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122264
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
179601-23-1	m&p-Xylene	0.25	U	2.0	0.25
95-47-6	o-Xylene	0.13	U	1.0	0.13
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122264/4
Matrix: Water
Lab File ID: k02947.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/02/2012 10:20
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122264
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02947.d
Report Date: 02-Aug-2012 10:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02947.d
Lab Smp Id: MB
Inj Date : 02-AUG-2012 10:20
Operator : Inst ID: VOAMS9.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/8260_09.m
Meth Date : 02-Aug-2012 09:49 desais Quant Type: ISTD
Cal Date : 23-JUL-2012 23:59 Cal File: k02515.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

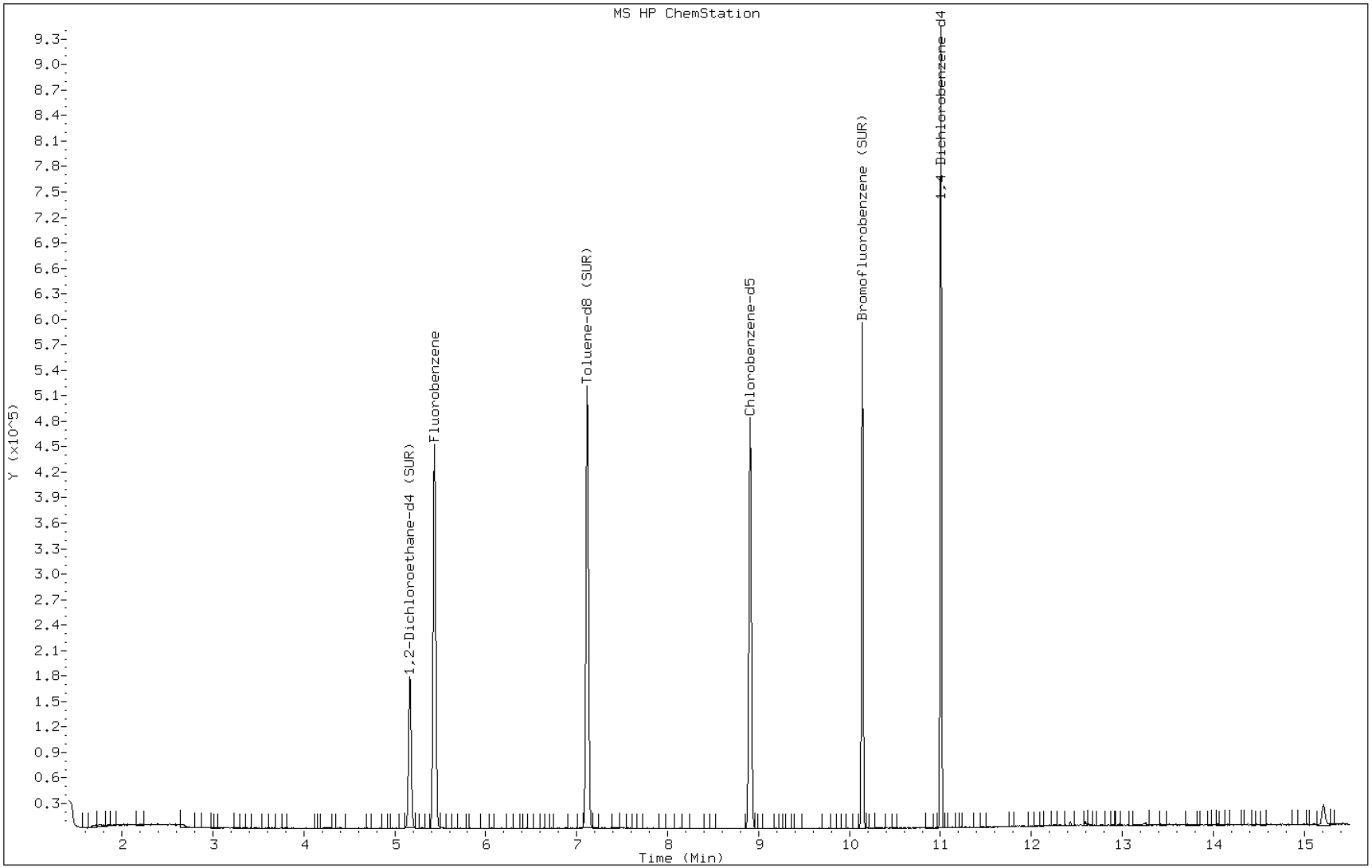
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.163	5.163	(0.950)	129519	56.3499	56
* 52 Fluorobenzene	96	5.436	5.435	(1.000)	447697	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.115	7.115	(0.799)	374412	48.1161	48
* 78 Chlorobenzene-d5	117	8.908	8.907	(1.000)	320576	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.143	10.143	(0.922)	145974	47.7065	48
* 108 1,4-Dichlorobenzene-d4	152	11.005	11.005	(1.000)	173720	50.0000	

Data File: k02947.d

Date: 02-AUG-2012 10:20

Client ID: Instrument: VOAMS9.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122620/21

Matrix: Solid | Lab File ID: o63017.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/03/2012 22:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122620 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.571	J	1.0	0.15
67-64-1	Acetone	2.47	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
179601-23-1	m&p-Xylene	0.59	U	2.0	0.59
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122620/21
Matrix: Solid
Lab File ID: o63017.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/03/2012 22:22
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122620
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63017.d
Report Date: 03-Aug-2012 22:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63017.d
Lab Smp Id: MB
Inj Date : 03-AUG-2012 22:22
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/8260L_10.m
Meth Date : 03-Aug-2012 19:24 ken Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.646	1.661	(0.445)	1804	2.46738	2.5(a)
6 Methylene Chloride	84	1.897	1.897	(0.512)	1777	0.57064	0.57(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	93247	47.5692	48
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	477090	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	364568	48.4346	48
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	371099	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	154462	49.9925	50
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	220551	50.0000	

QC Flag Legend

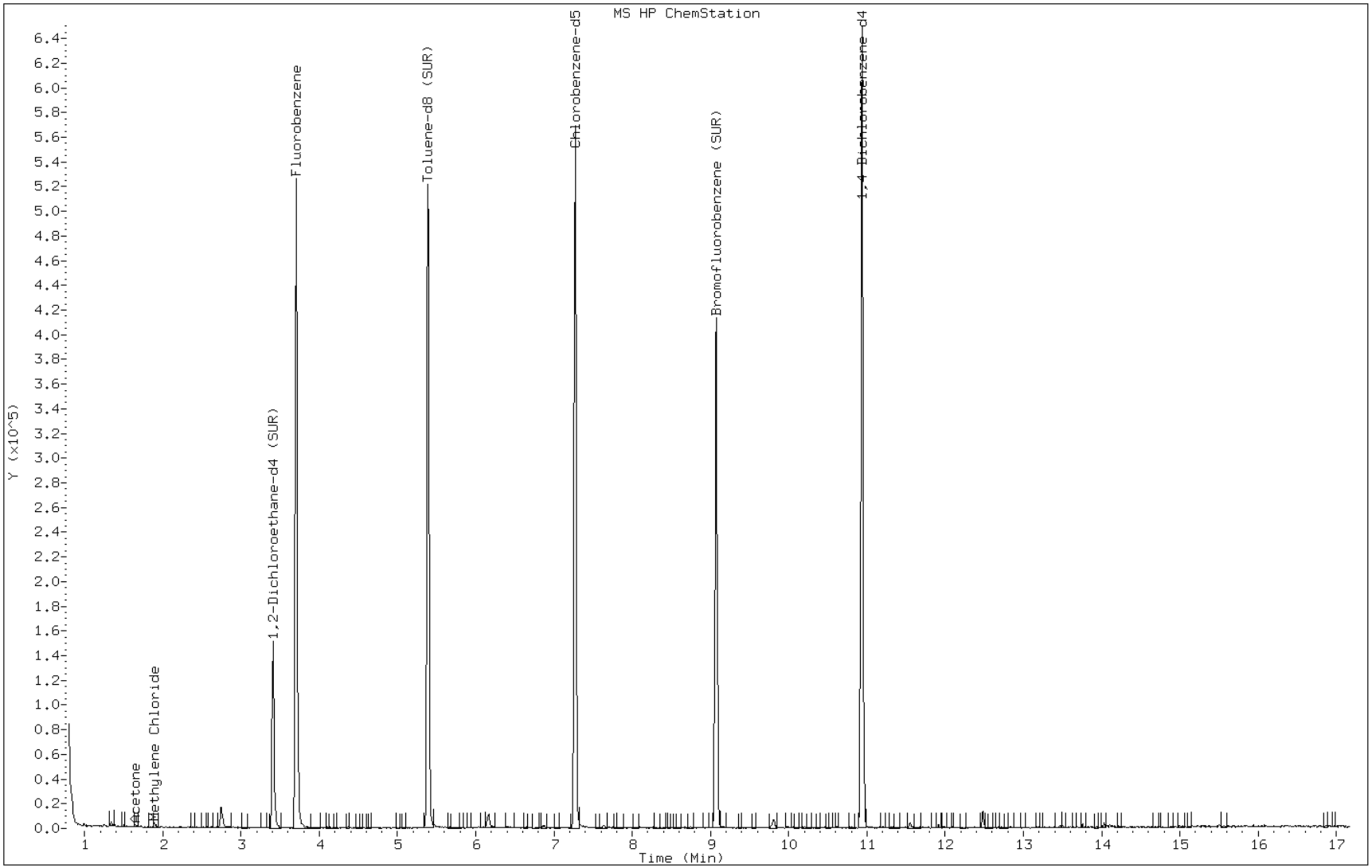
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o63017.d

Date: 03-AUG-2012 22:22

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9



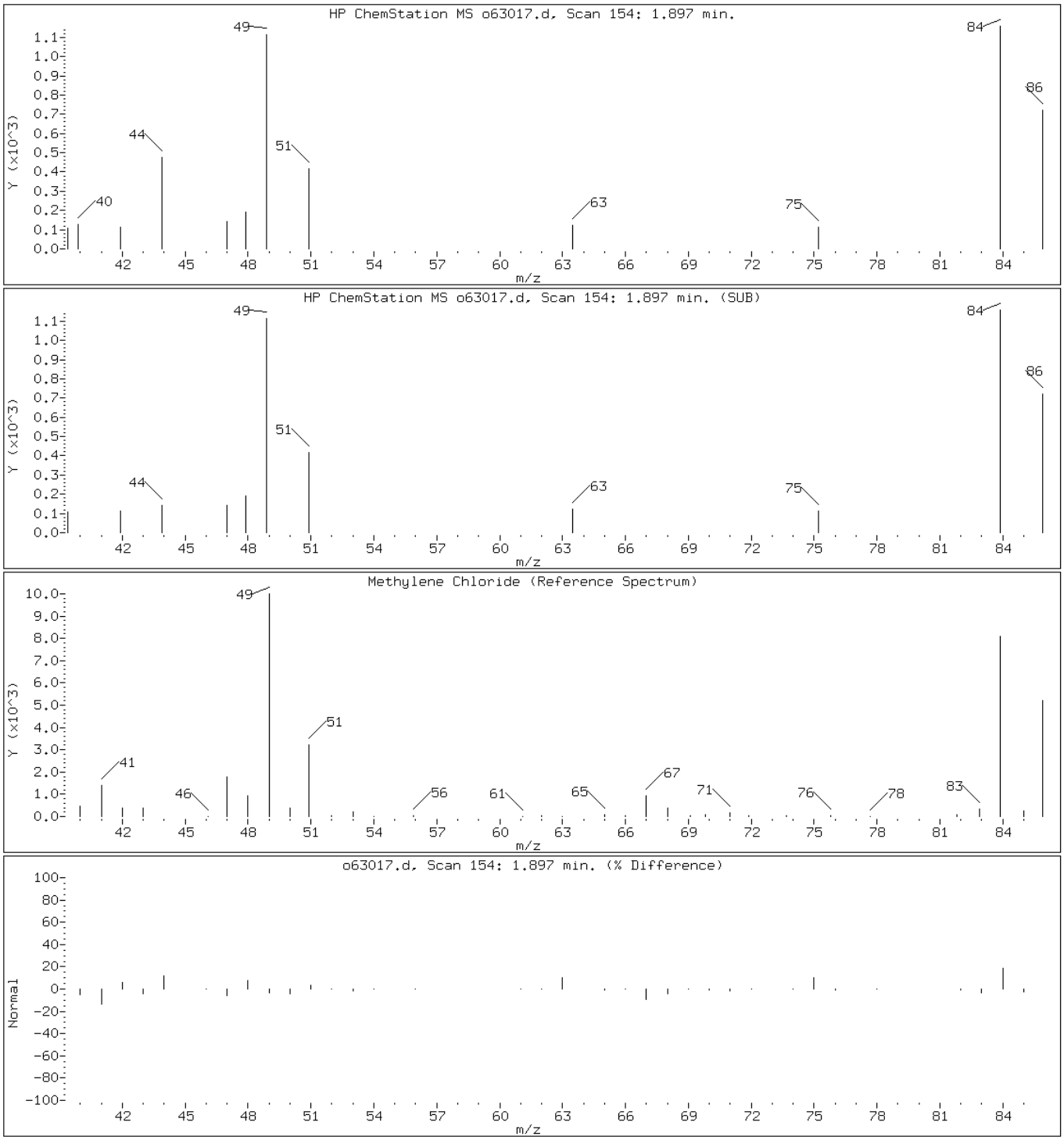
Data File: o63017.d

Date: 03-AUG-2012 22:22

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



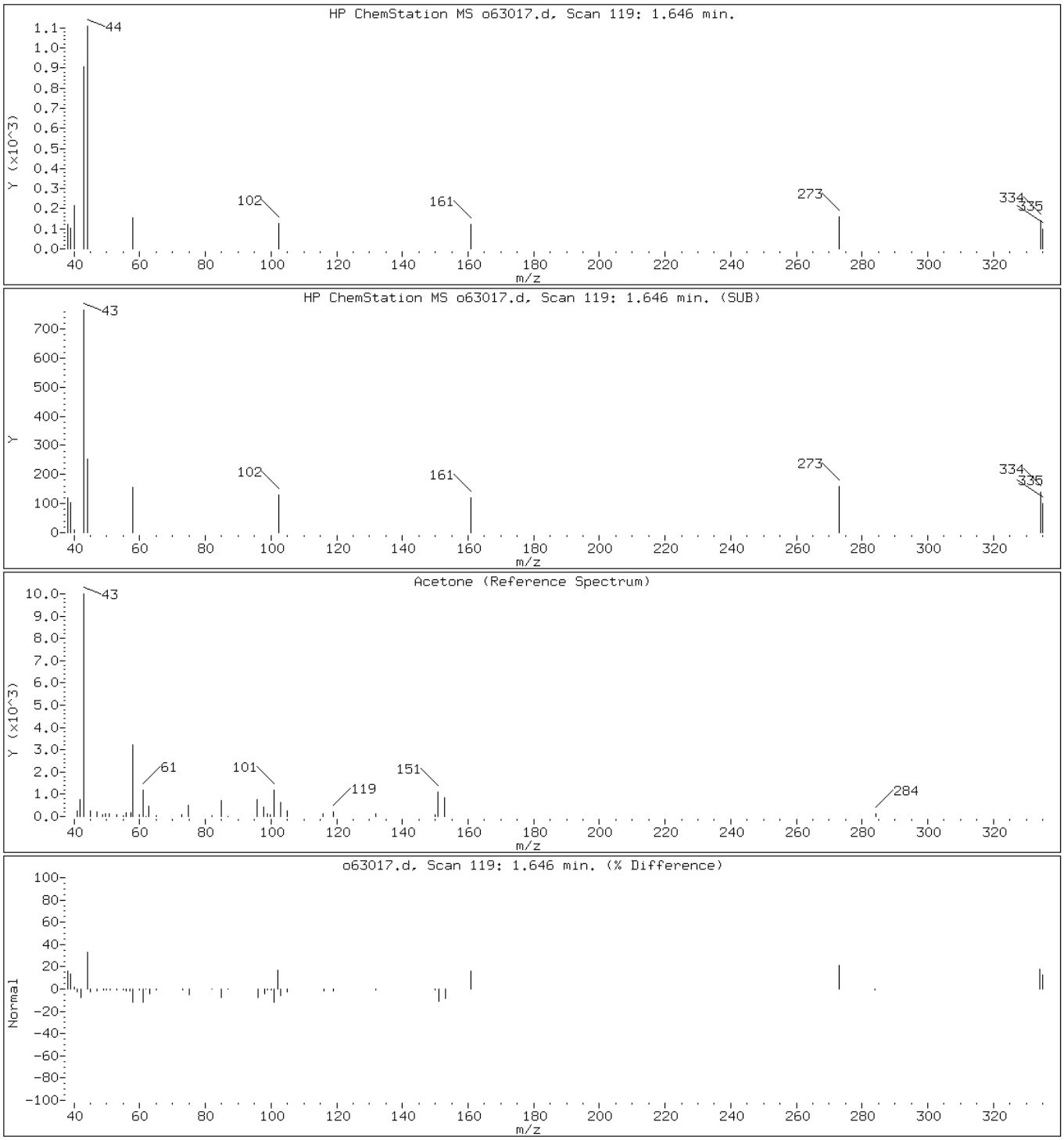
Data File: o63017.d

Date: 03-AUG-2012 22:22

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122835/6

Matrix: Solid | Lab File ID: k03055.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2012 23:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122835 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.899	J	1.0	0.15
67-64-1	Acetone	1.7	U	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
179601-23-1	m&p-Xylene	0.59	U	2.0	0.59
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122835/6
Matrix: Solid
Lab File ID: k03055.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/06/2012 23:44
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122835
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03055.d
Report Date: 07-Aug-2012 14:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03055.d
Lab Smp Id: MB
Inj Date : 06-AUG-2012 23:44
Operator : VOAMS 9 Inst ID: VOAMS9.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 14:01 vibha Quant Type: ISTD
Cal Date : 03-AUG-2012 21:24 Cal File: k02987.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
6 Methylene Chloride	84	3.246	3.252	(0.598)	2759	0.89876	0.90(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.151	5.156	(0.949)	141266	59.6163	60
* 69 Fluorobenzene	96	5.429	5.429	(1.000)	526497	50.0000	
$ 37 Toluene-d8 (SUR)	98	7.109	7.109	(0.799)	460763	52.5728	52
* 32 Chlorobenzene-d5	117	8.901	8.901	(1.000)	356290	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	10.142	10.137	(0.922)	160977	51.6509	52
* 91 1,4-Dichlorobenzene-d4	152	10.998	10.998	(1.000)	185368	50.0000	

QC Flag Legend

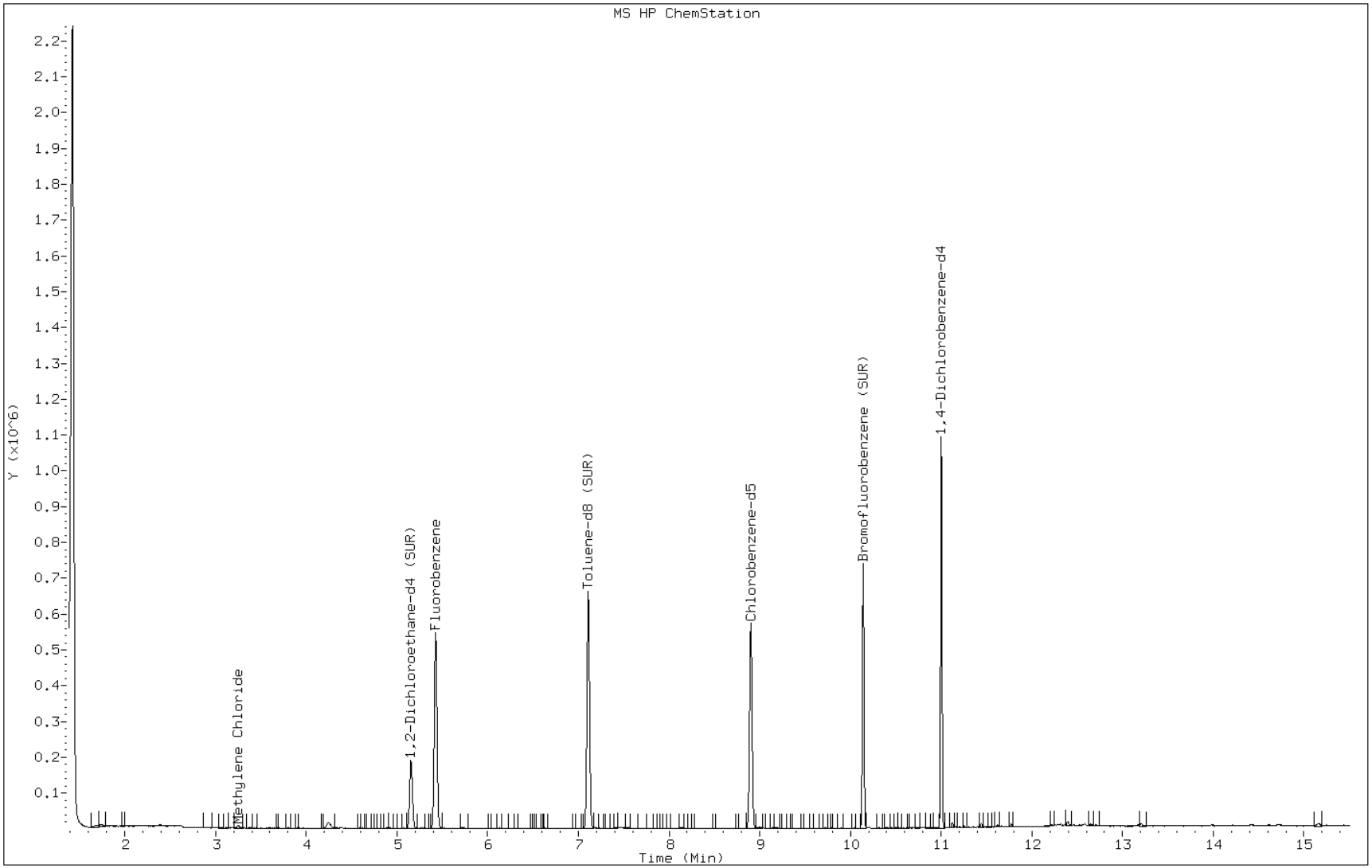
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: k03055.d

Date: 06-AUG-2012 23:44

Client ID: Instrument: VOAMS9.i

Sample Info: MB Operator: VOAMS 9



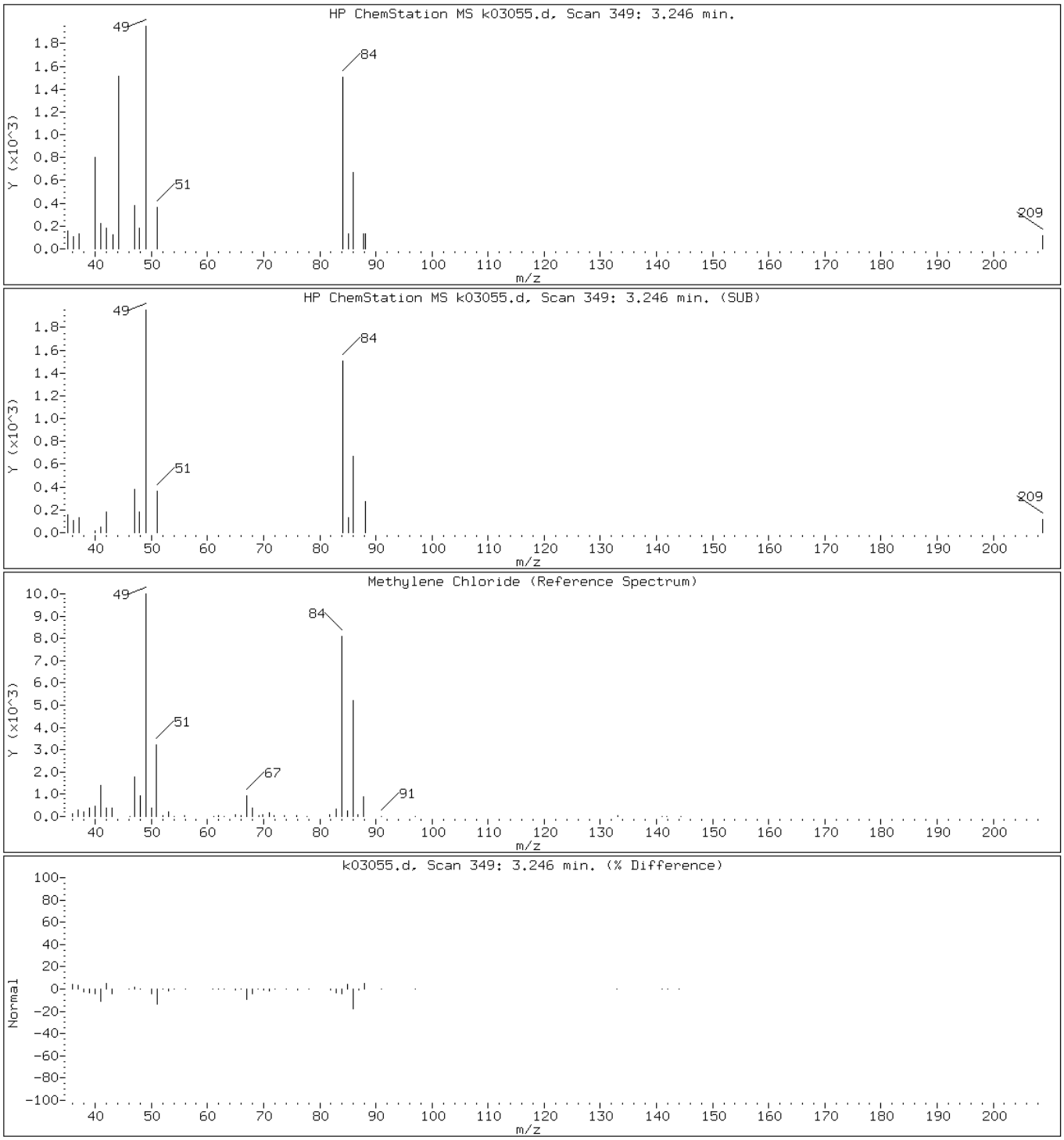
Data File: k03055.d

Date: 06-AUG-2012 23:44

Client ID: Instrument: VOAMS9.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-123008/16

Matrix: Solid | Lab File ID: o63148.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2012 21:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.194	J	1.0	0.15
67-64-1	Acetone	1.7	U	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
179601-23-1	m&p-Xylene	0.59	U	2.0	0.59
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-123008/16
Matrix: Solid
Lab File ID: o63148.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/07/2012 21:07
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123008
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63148.d
Report Date: 08-Aug-2012 02:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63148.d
Lab Smp Id: MB
Inj Date : 07-AUG-2012 21:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	661	0.19374	0.19(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	97714	45.4977	45
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	522708	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	406091	50.1295	50
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	399390	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	169471	51.3805	51
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	235445	50.0000	

QC Flag Legend

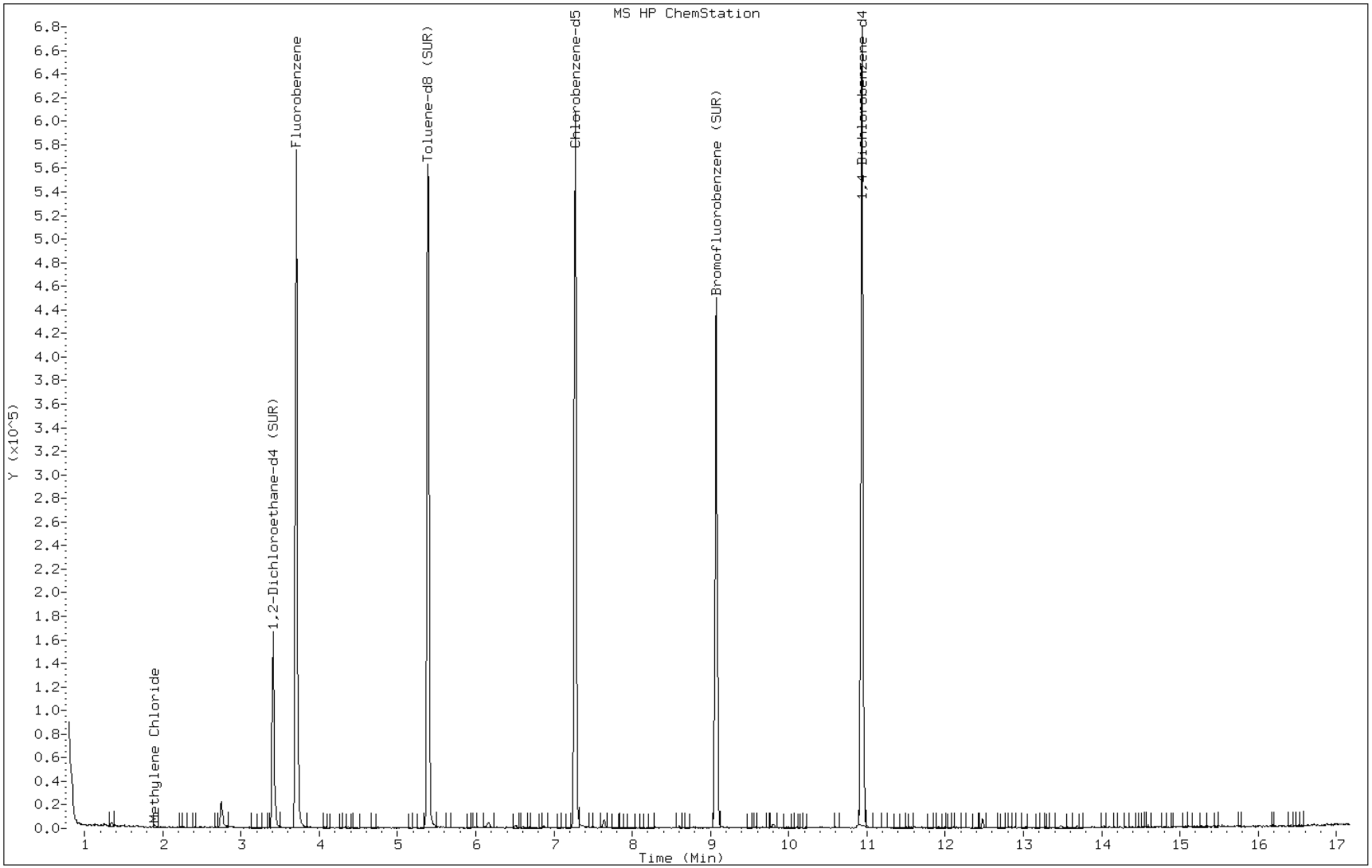
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o63148.d

Date: 07-AUG-2012 21:07

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9



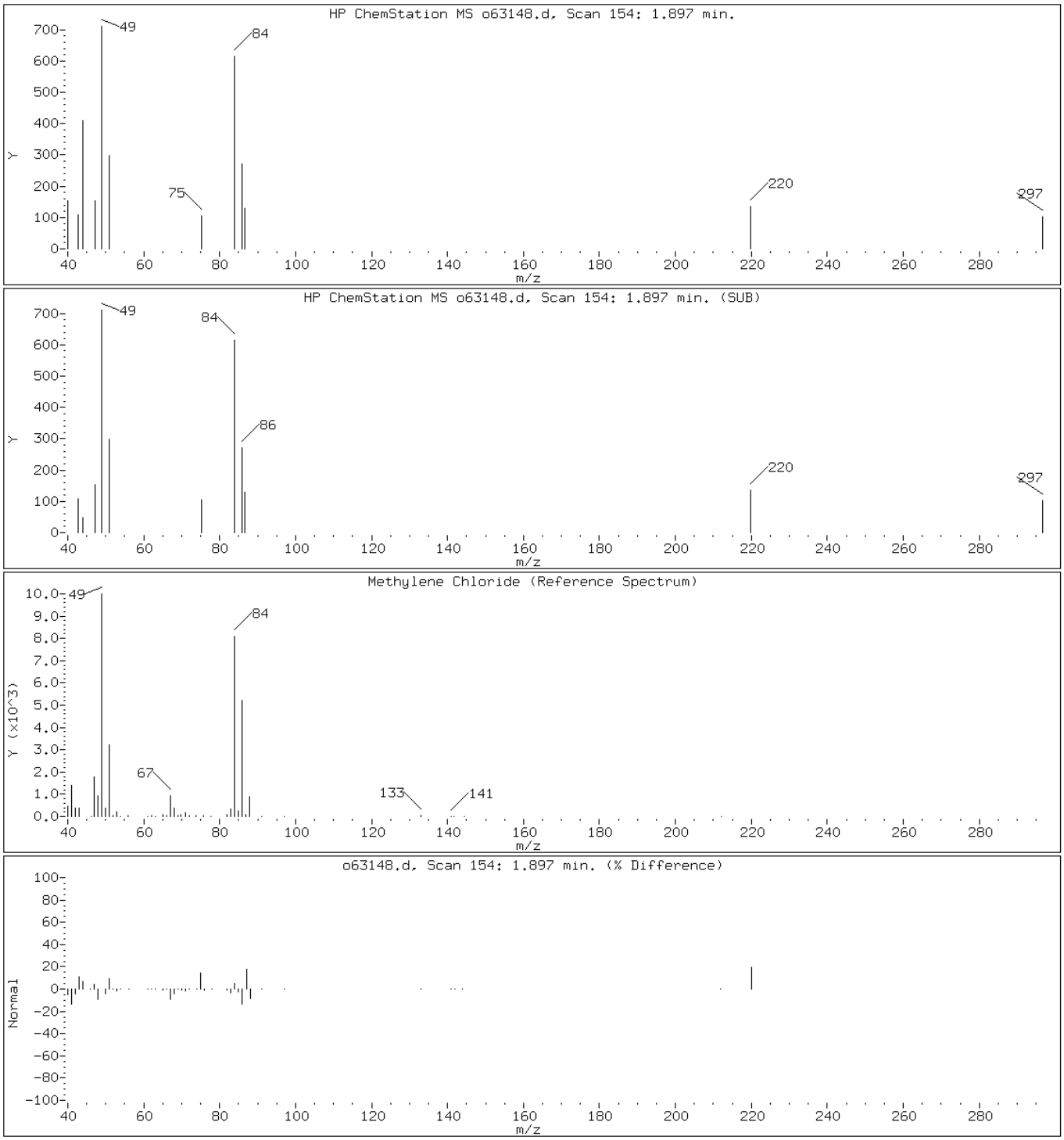
Data File: o63148.d

Date: 07-AUG-2012 21:07

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-123251/4

Matrix: Solid | Lab File ID: d23214.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 08/09/2012 11:38

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.7	U	100	9.7
74-83-9	Bromomethane	18	U	100	18
75-01-4	Vinyl chloride	14	U	100	14
75-00-3	Chloroethane	17	U	100	17
75-09-2	Methylene Chloride	18	U	100	18
67-64-1	Acetone	270	U	500	270
75-15-0	Carbon disulfide	13	U	100	13
75-69-4	Trichlorofluoromethane	15	U	100	15
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
67-66-3	Chloroform	7.9	U	100	7.9
78-93-3	2-Butanone	230	U	500	230
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
71-43-2	Benzene	8.3	U	100	8.3
75-25-2	Bromoform	19	U	100	19
100-42-5	Styrene	12	U	100	12
179601-23-1	m&p-Xylene	25	U	200	25
95-47-6	o-Xylene	13	U	100	13
100-41-4	Ethylbenzene	9.6	U	100	9.6
108-90-7	Chlorobenzene	11	U	100	11
110-82-7	Cyclohexane	16	U	100	16
98-82-8	Isopropylbenzene	7.7	U	100	7.7
591-78-6	2-Hexanone	50	U	500	50
1634-04-4	MTBE	14	U	100	14
76-13-1	Freon TF	8.2	U	100	8.2
79-20-9	Methyl acetate	34	U	200	34
123-91-1	1,4-Dioxane	3600	U	5000	3600
79-01-6	Trichloroethene	9.2	U	100	9.2
108-88-3	Toluene	15	U	100	15
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
108-10-1	4-Methyl-2-pentanone	99	U	500	99
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-123251/4
Matrix: Solid
Lab File ID: d23214.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 2.5(mL)
Date Analyzed: 08/09/2012 11:38
Soil Aliquot Vol: 2.5 (mL)
Dilution Factor: 50
Soil Extract Vol.: 5(mL)
GC Column: Rtx-624 ID: 0.25(mm)
% Moisture:
Level: (low/med) Medium
Analysis Batch No.: 123251
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	21	U	100	21
541-73-1	1,3-Dichlorobenzene	14	U	100	14
106-46-7	1,4-Dichlorobenzene	23	U	100	23
120-82-1	1,2,4-Trichlorobenzene	34	U	100	34
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
108-87-2	Methylcyclohexane	14	U	100	14
127-18-4	Tetrachloroethene	9.7	U	100	9.7
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
106-93-4	1,2-Dibromoethane	28	U	100	28
75-71-8	Dichlorodifluoromethane	22	U	100	22
74-97-5	Bromochloromethane	27	U	100	27
75-27-4	Bromodichloromethane	13	U	100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-135
2037-26-5	Toluene-d8 (Surr)	105		59-150
460-00-4	Bromofluorobenzene	103		72-133

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23214.d
Report Date: 09-Aug-2012 13:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23214.d
Lab Smp Id: MB
Inj Date : 09-AUG-2012 11:38
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/8260_09.m
Meth Date : 09-Aug-2012 10:17 desais Quant Type: ISTD
Cal Date : 08-AUG-2012 00:00 Cal File: d23157.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

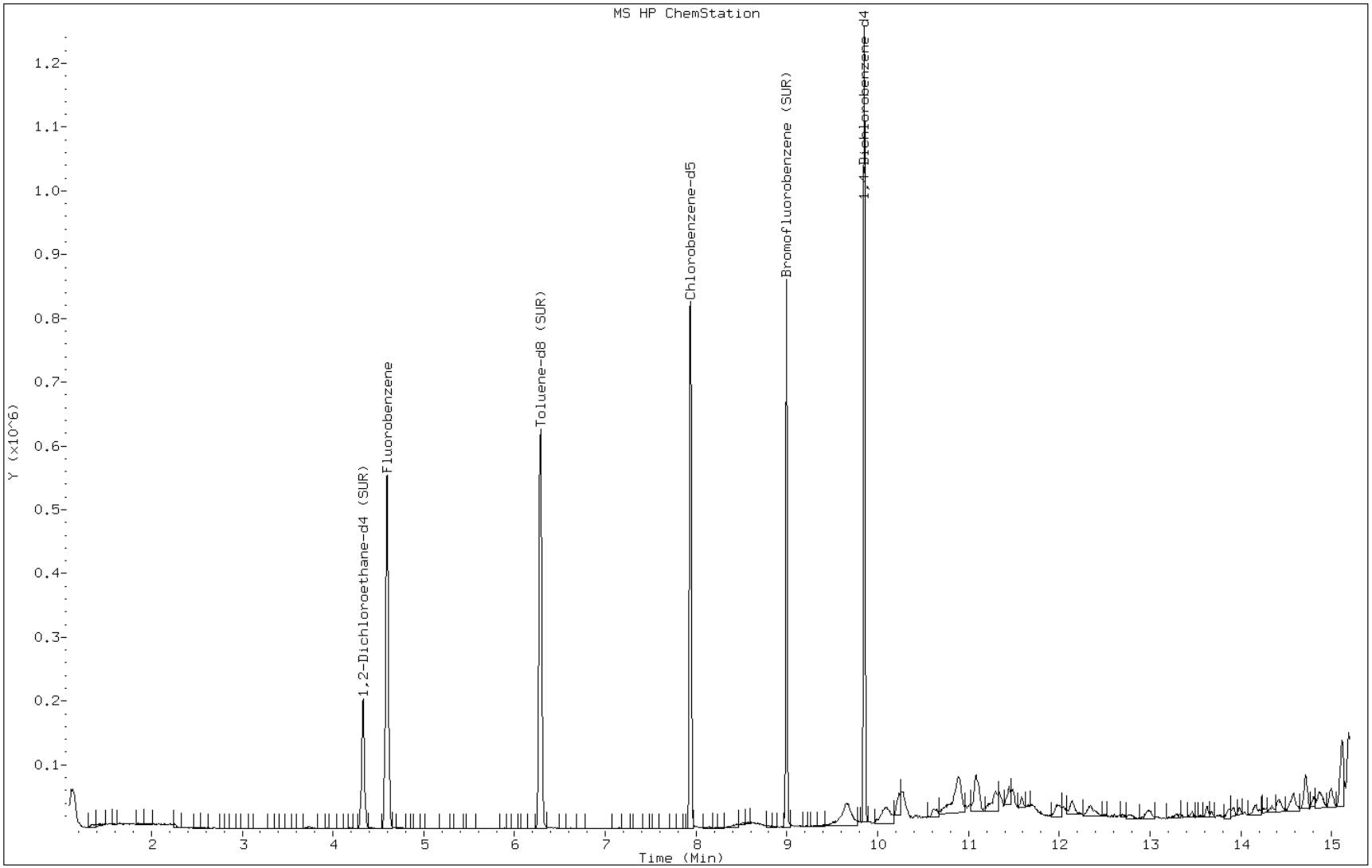
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.334	4.328	(0.944)	155393	52.2155	5200
* 52 Fluorobenzene	96	4.593	4.598	(1.000)	612443	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.287	6.286	(0.792)	492752	52.6856	5300
* 78 Chlorobenzene-d5	117	7.939	7.933	(1.000)	428432	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.998	8.992	(0.913)	213100	51.5614	5200
* 108 1,4-Dichlorobenzene-d4	152	9.851	9.851	(1.000)	233822	50.0000	

Data File: d23214.d

Date: 09-AUG-2012 11:38

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-123371/5

Matrix: Solid | Lab File ID: o63243.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/09/2012 22:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.457	J	1.0	0.15
67-64-1	Acetone	2.81	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
179601-23-1	m&p-Xylene	0.59	U	2.0	0.59
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-123371/5
Matrix: Solid
Lab File ID: o63243.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/09/2012 22:24
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123371
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	105		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63243.d
Report Date: 10-Aug-2012 04:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63243.d
Lab Smp Id: MB
Inj Date : 09-AUG-2012 22:24
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/8260L_10.m
Meth Date : 09-Aug-2012 21:27 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.661	(0.448)	2308	2.80583	2.8(a)
6 Methylene Chloride	84	1.904	1.897	(0.513)	1601	0.45697	0.46(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	103309	46.8435	47
* 69 Fluorobenzene	96	3.709	3.710	(1.000)	536760	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	413385	49.1410	49
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	414742	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	171025	52.5815	52
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	232177	50.0000	

QC Flag Legend

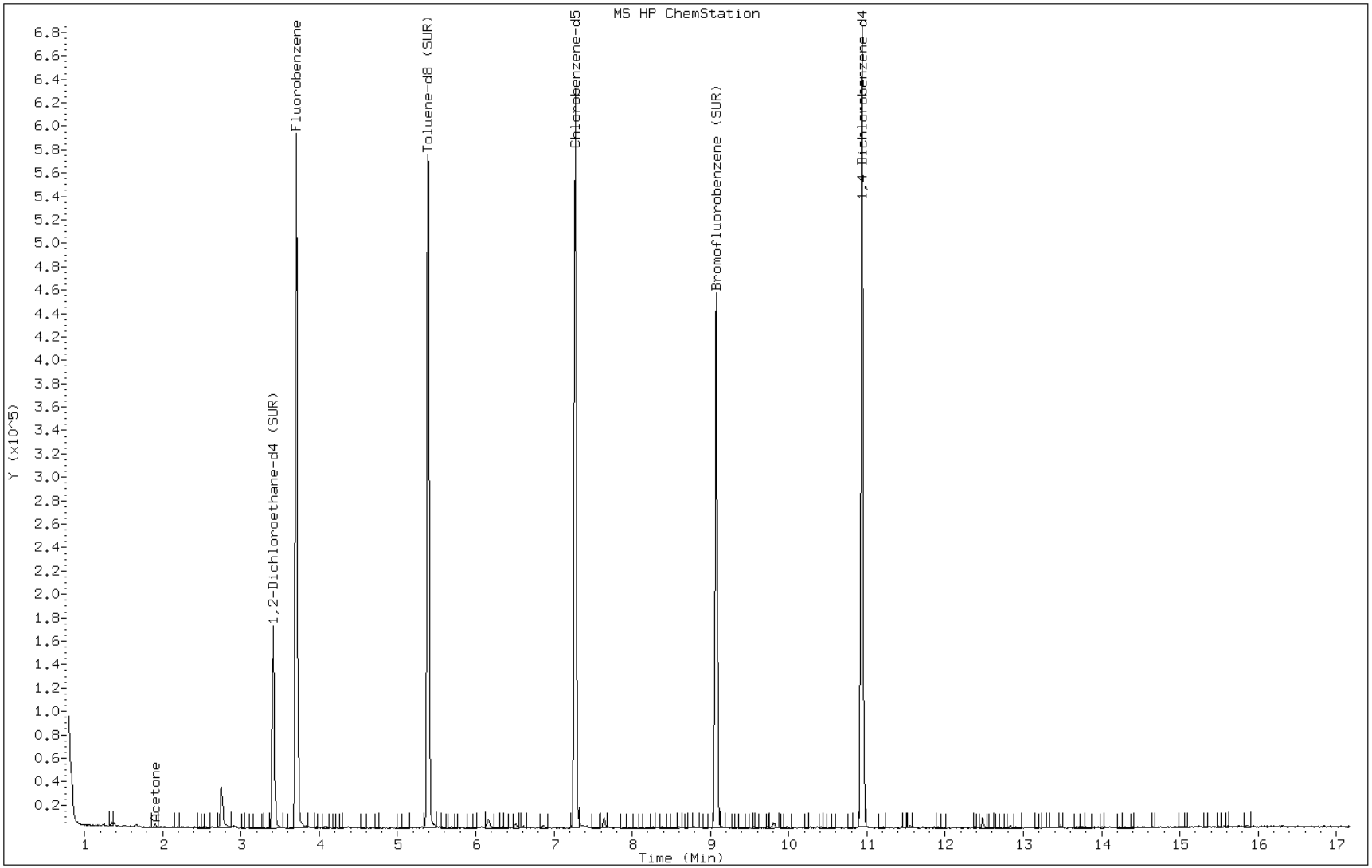
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o63243.d

Date: 09-AUG-2012 22:24

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9



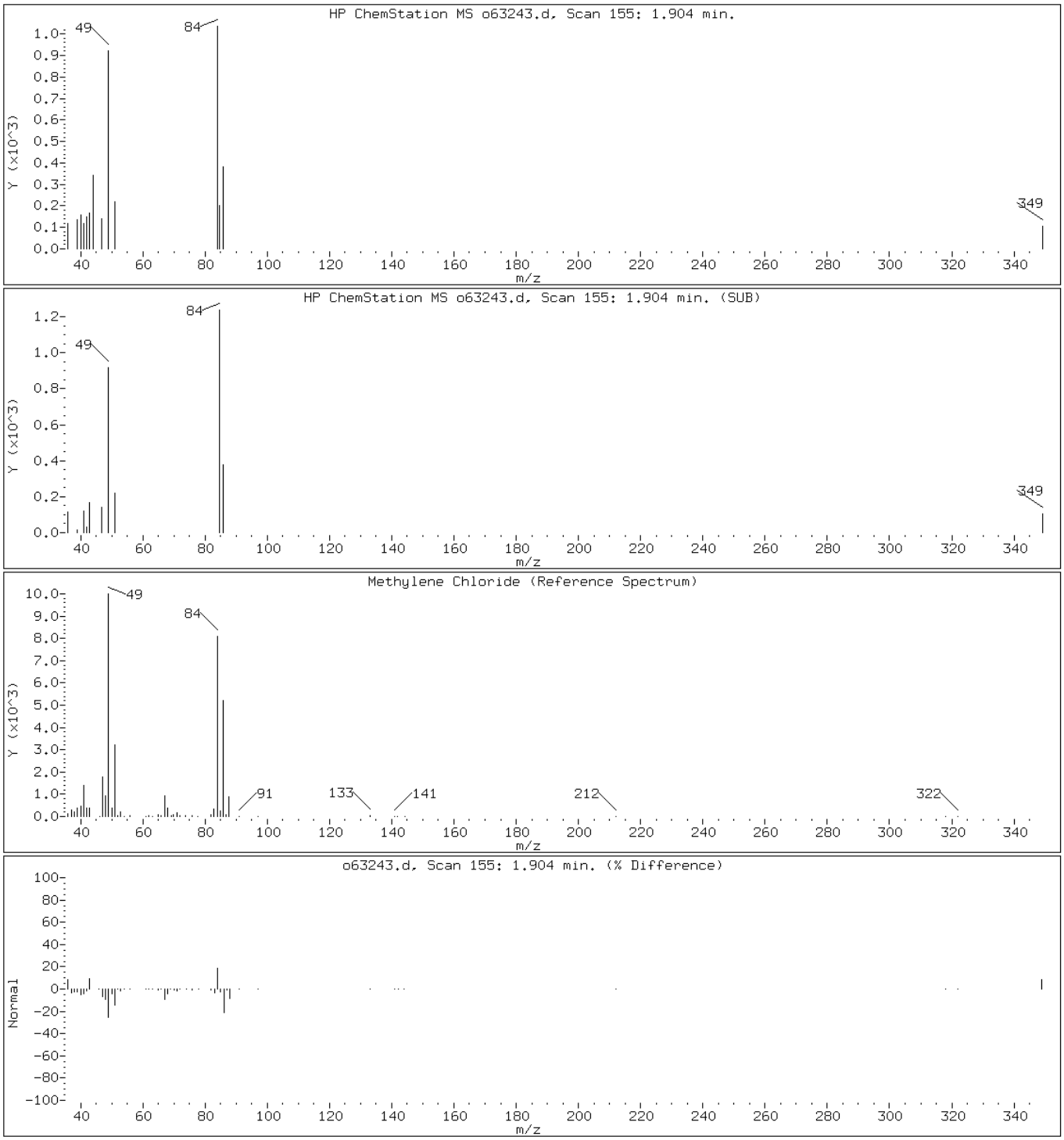
Data File: o63243.d

Date: 09-AUG-2012 22:24

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



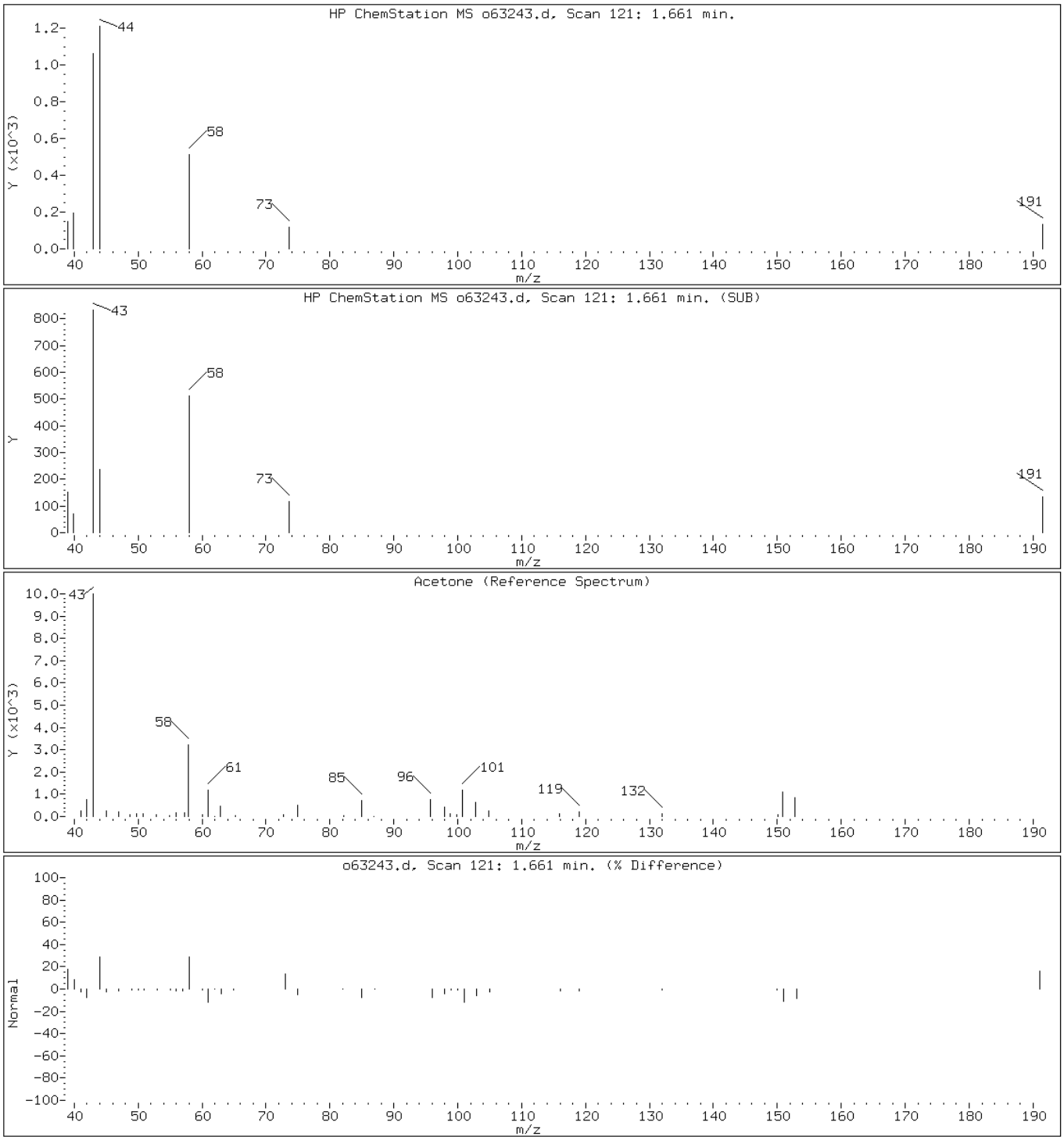
Data File: o63243.d

Date: 09-AUG-2012 22:24

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-123432/5

Matrix: Solid | Lab File ID: o63269.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/10/2012 09:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123432 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.323	J	1.0	0.15
67-64-1	Acetone	2.73	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.350	J	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
179601-23-1	m&p-Xylene	0.59	U	2.0	0.59
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-123432/5
Matrix: Solid
Lab File ID: o63269.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/10/2012 09:47
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123432
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63269.d
Report Date: 13-Aug-2012 09:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63269.d
Lab Smp Id: MB
Inj Date : 10-AUG-2012 09:47
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/8260L_10.m
Meth Date : 10-Aug-2012 08:35 desais Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
9 Trichlorofluoromethane	101	1.346	1.339	(0.363)	2016	0.34970	0.35(aH)
7 Acetone	43	1.661	1.661	(0.448)	2090	2.73285	2.7(a)
6 Methylene Chloride	84	1.897	1.897	(0.511)	1052	0.32296	0.32(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	99110	48.3363	48
* 69 Fluorobenzene	96	3.709	3.709	(1.000)	499040	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	390263	49.1349	49
* 32 Chlorobenzene-d5	117	7.270	7.270	(1.000)	391593	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	160145	48.2756	48
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	236798	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63269.d
Report Date: 13-Aug-2012 09:38

QC Flag Legend

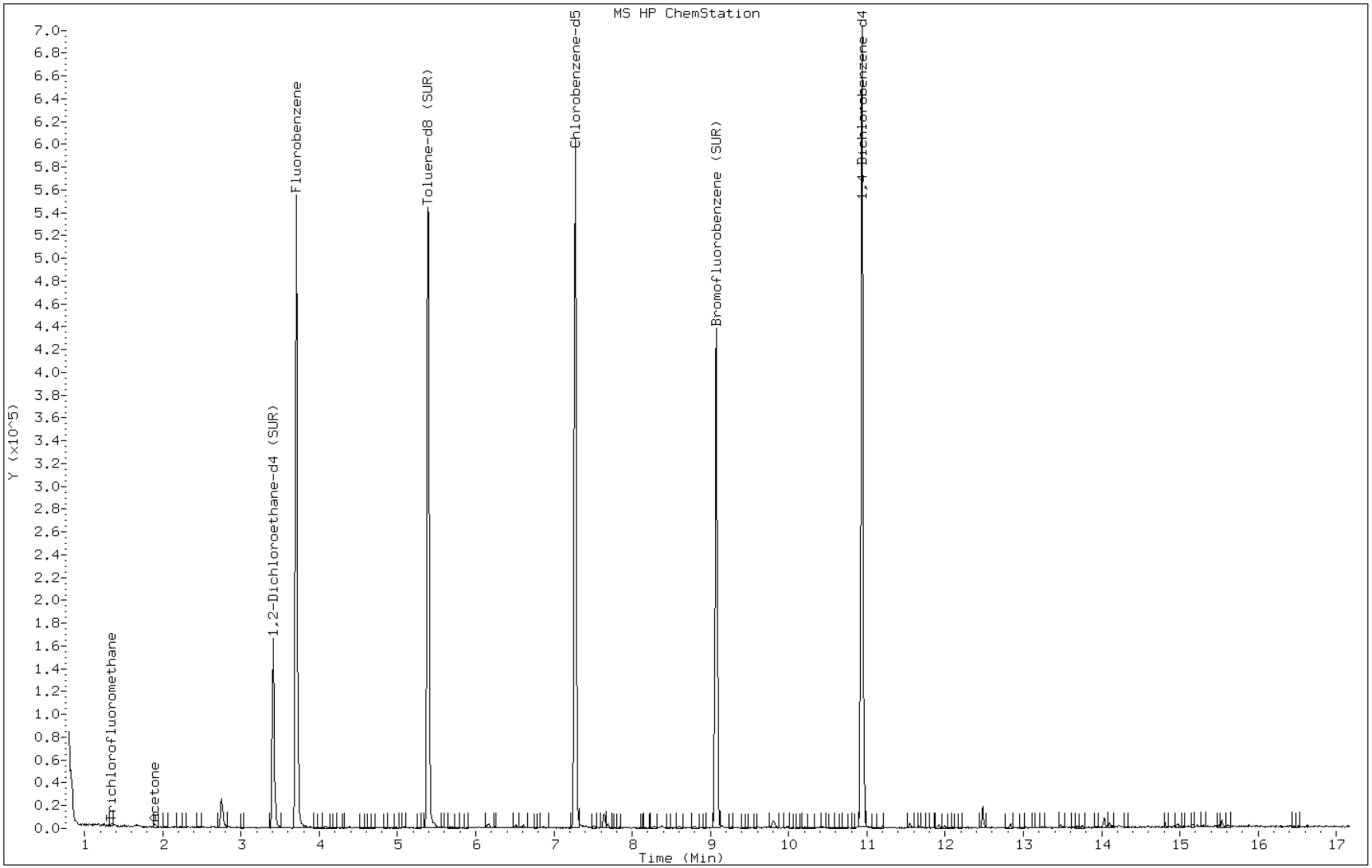
H - Operator selected an alternate compound hit.

Data File: o63269.d

Date: 10-AUG-2012 09:47

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9



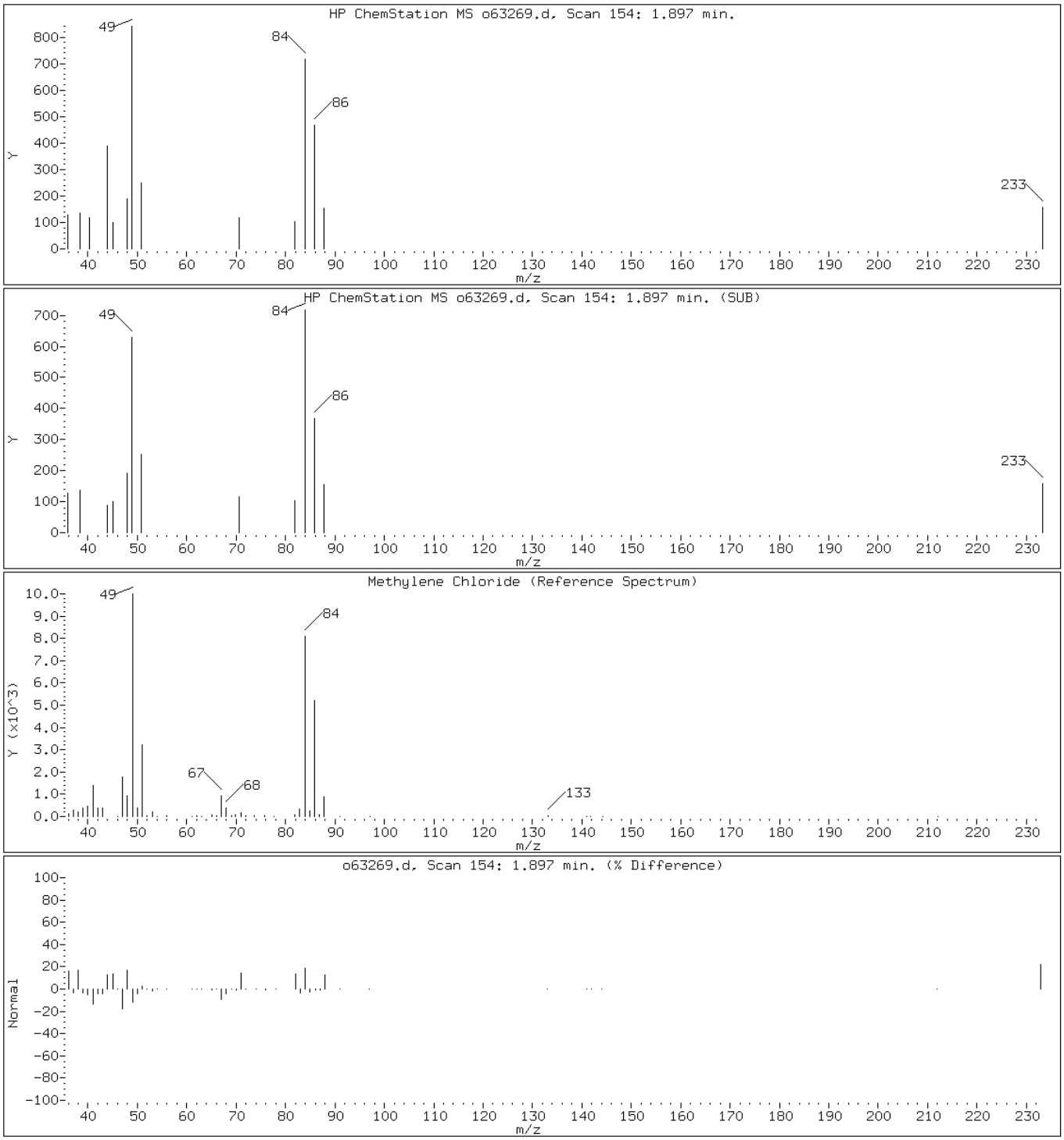
Data File: o63269.d

Date: 10-AUG-2012 09:47

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



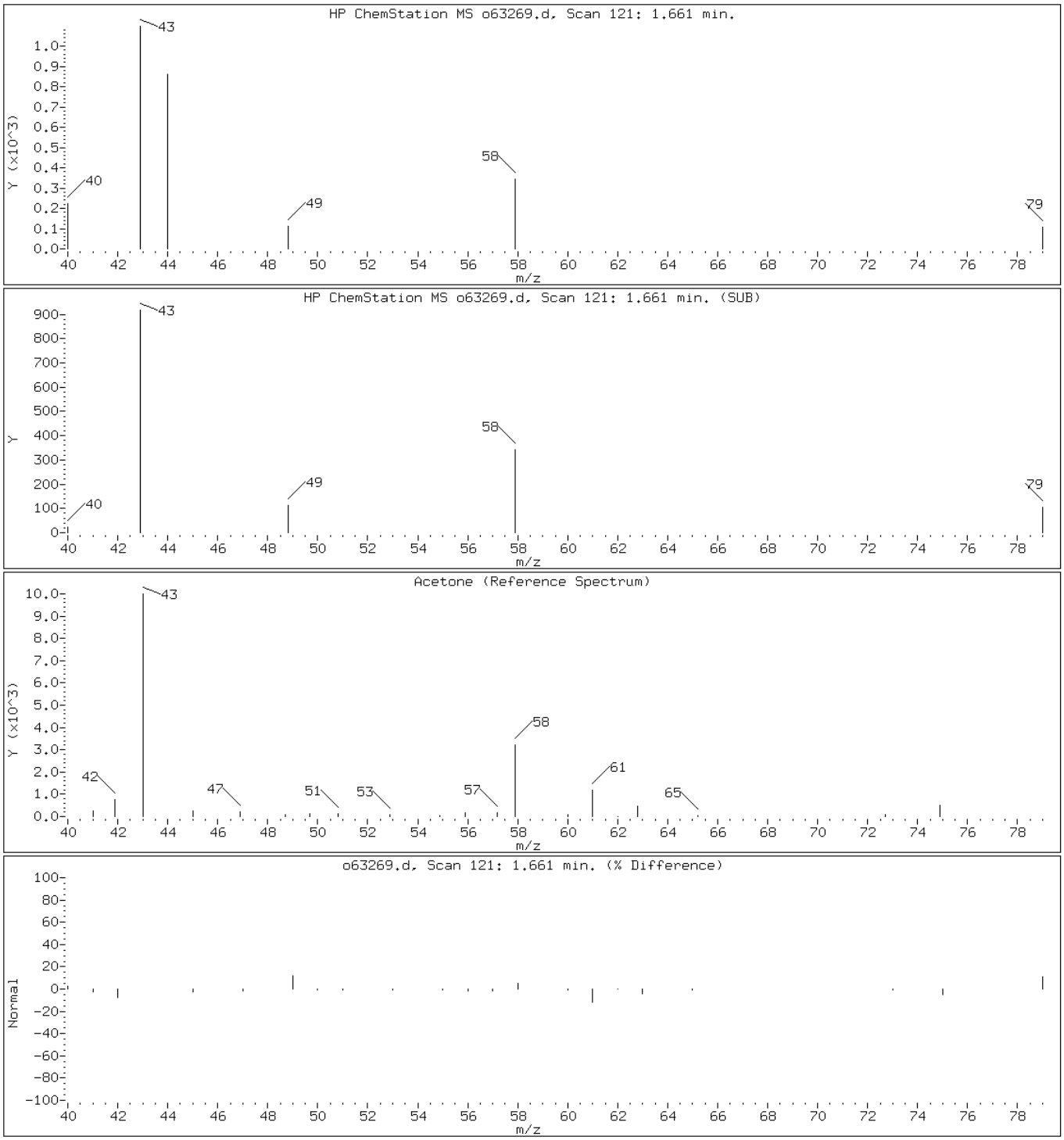
Data File: o63269.d

Date: 10-AUG-2012 09:47

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



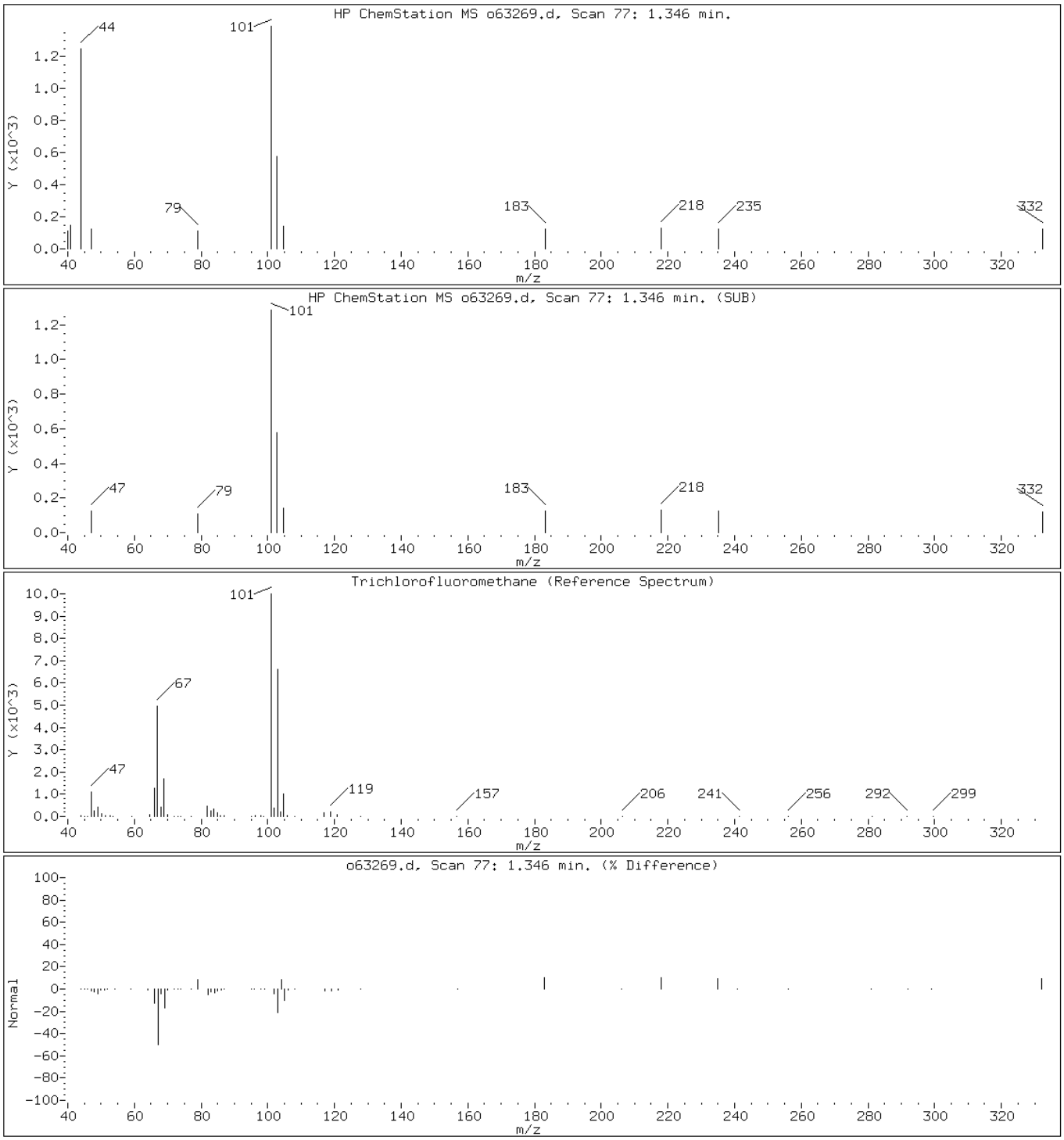
Data File: o63269.d

Date: 10-AUG-2012 09:47

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

9 Trichlorofluoromethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-123838/5

Matrix: Solid | Lab File ID: o63353.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/13/2012 21:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123838 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.456	J	1.0	0.15
67-64-1	Acetone	2.23	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.427	J	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
179601-23-1	m&p-Xylene	0.59	U	2.0	0.59
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-123838/5
Matrix: Solid
Lab File ID: o63353.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/13/2012 21:14
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123838
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63353.d
Report Date: 14-Aug-2012 14:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63353.d
Lab Smp Id: MB
Inj Date : 13-AUG-2012 21:14
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/8260L_10.m
Meth Date : 13-Aug-2012 20:17 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
9 Trichlorofluoromethane	101	1.346	1.338	(0.363)	2428	0.42682	0.43(aH)
7 Acetone	43	1.654	1.654	(0.446)	1686	2.23415	2.2(aH)
6 Methylene Chloride	84	1.897	1.897	(0.511)	1466	0.45611	0.46(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	93679	46.3013	46
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	492426	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	382161	47.9594	48
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	392862	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	161084	49.4727	49
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	232423	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63353.d
Report Date: 14-Aug-2012 14:11

QC Flag Legend

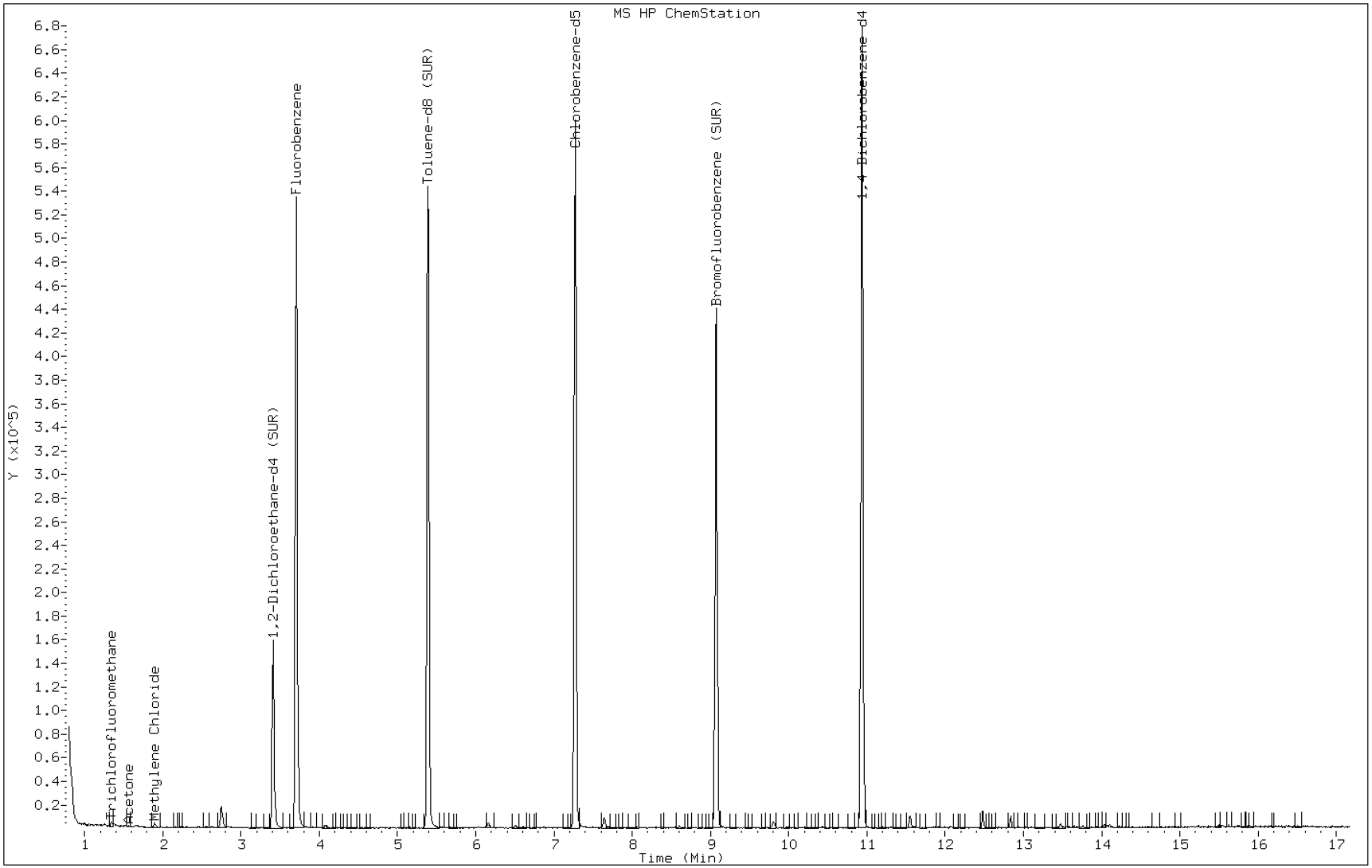
H - Operator selected an alternate compound hit.

Data File: o63353.d

Date: 13-AUG-2012 21:14

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9



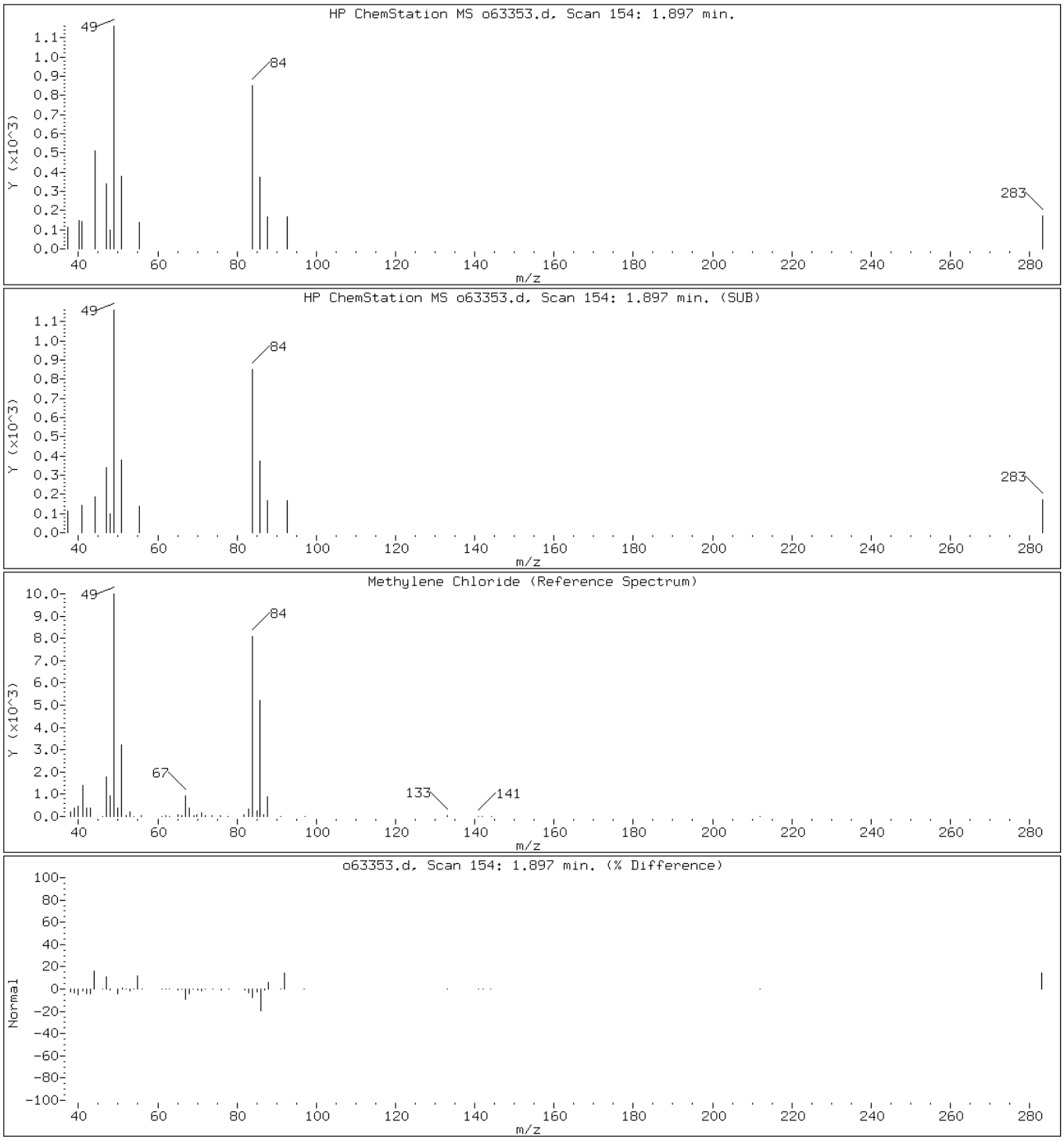
Data File: o63353.d

Date: 13-AUG-2012 21:14

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



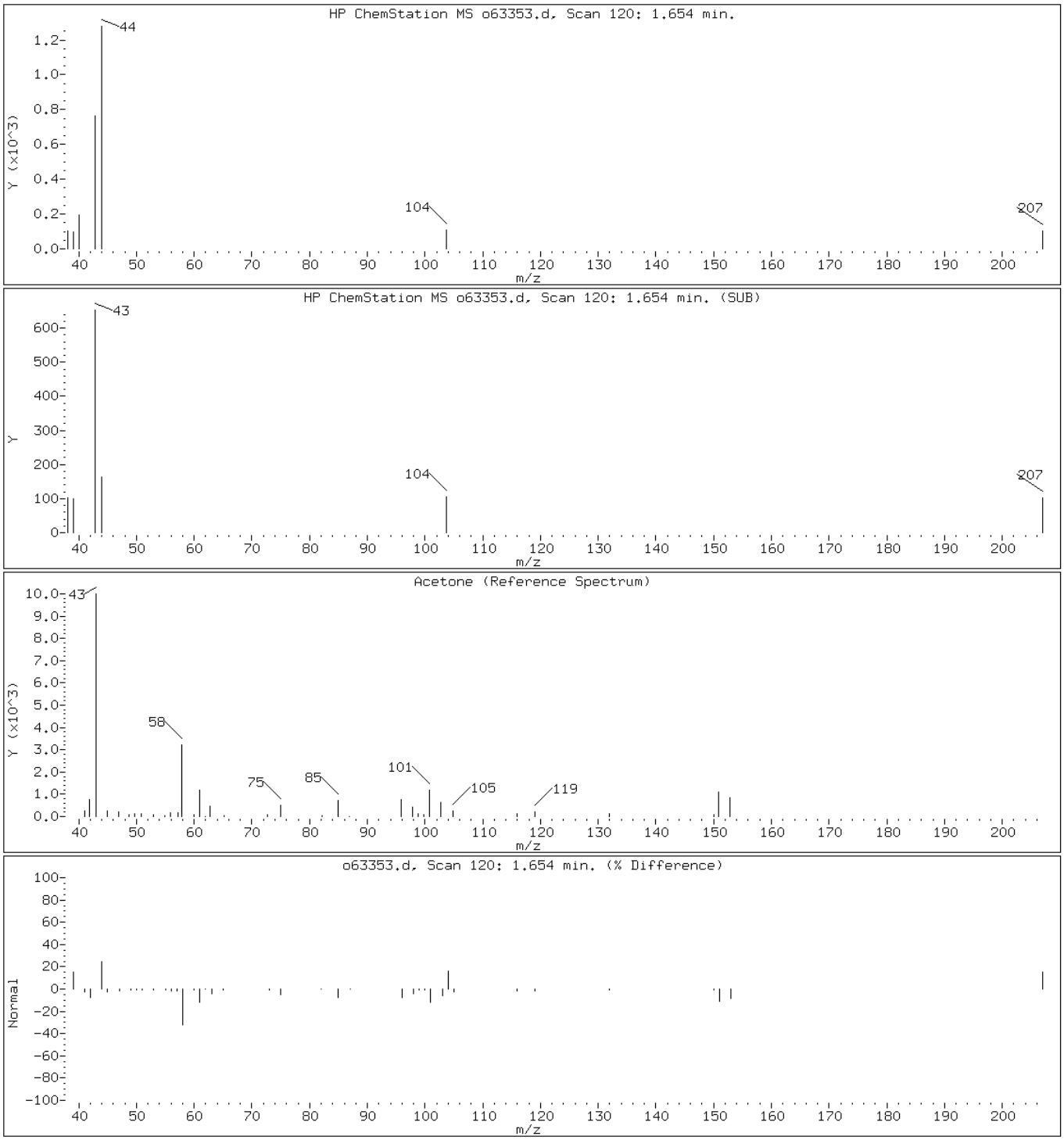
Data File: o63353.d

Date: 13-AUG-2012 21:14

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



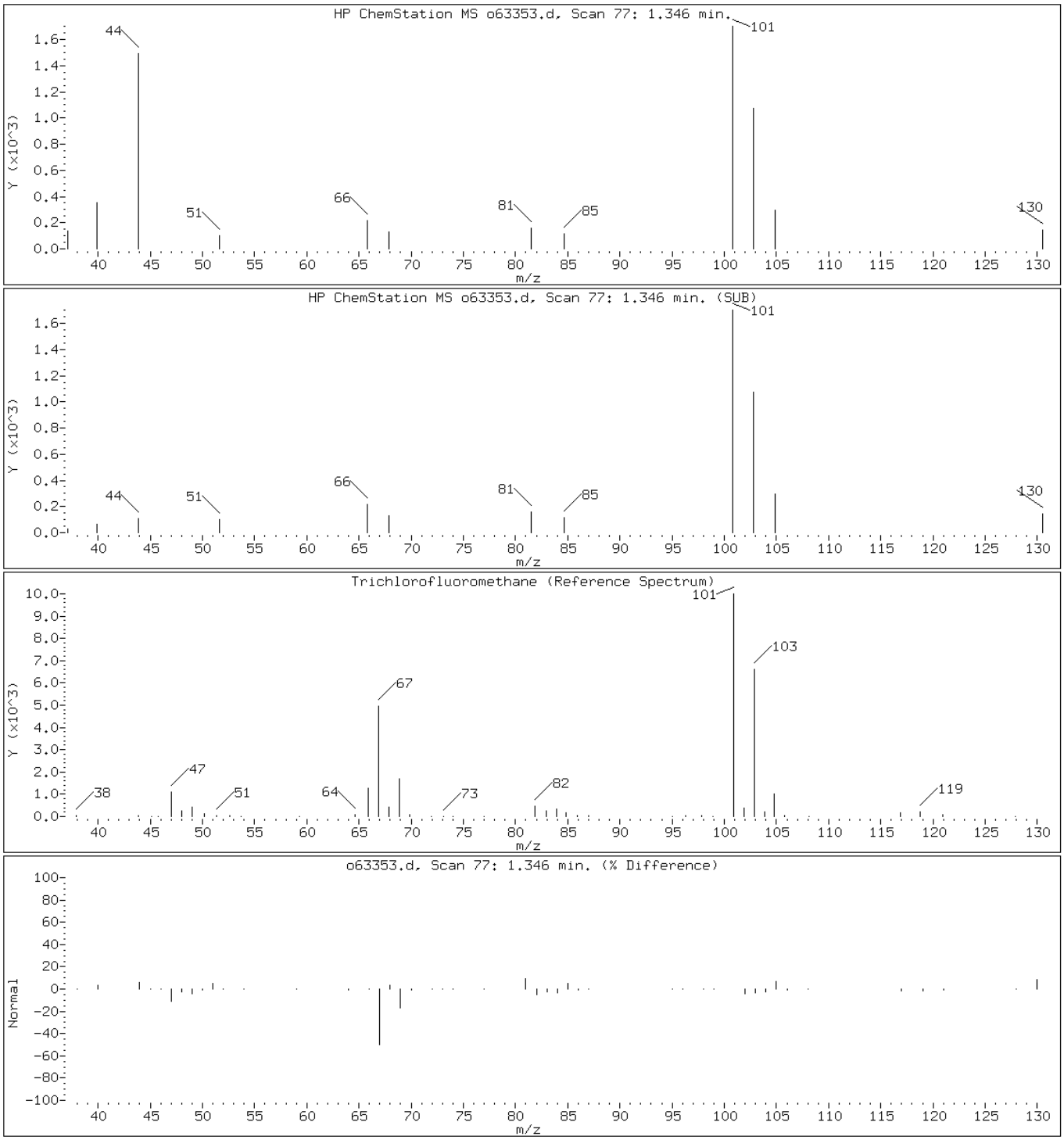
Data File: o63353.d

Date: 13-AUG-2012 21:14

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

9 Trichlorofluoromethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LB3 460-122188/1-A
Matrix: Solid
Lab File ID: o63016.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(g)
Date Analyzed: 08/03/2012 21:57
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122620
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.722	J	1.0	0.15
67-64-1	Acetone	1.7	U	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
179601-23-1	m&p-Xylene	0.59	U	2.0	0.59
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LB3 460-122188/1-A
Matrix: Solid
Lab File ID: o63016.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(g)
Date Analyzed: 08/03/2012 21:57
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122620
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63016.d
Report Date: 07-Aug-2012 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63016.d
Lab Smp Id: LB3 460-122188/1-A
Inj Date : 03-AUG-2012 21:57
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LB3 460-122188/1-A
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/8260L_10.m
Meth Date : 03-Aug-2012 19:24 ken Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.654	1.661	(0.447)	1417	1.69090	1.7(aH)
6 Methylene Chloride	84	1.897	1.897	(0.512)	2578	0.72230	0.72(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	99323	44.2082	44
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	546813	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	398204	48.8537	49
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	401861	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	164275	49.7458	50
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	235726	50.0000	

QC Flag Legend

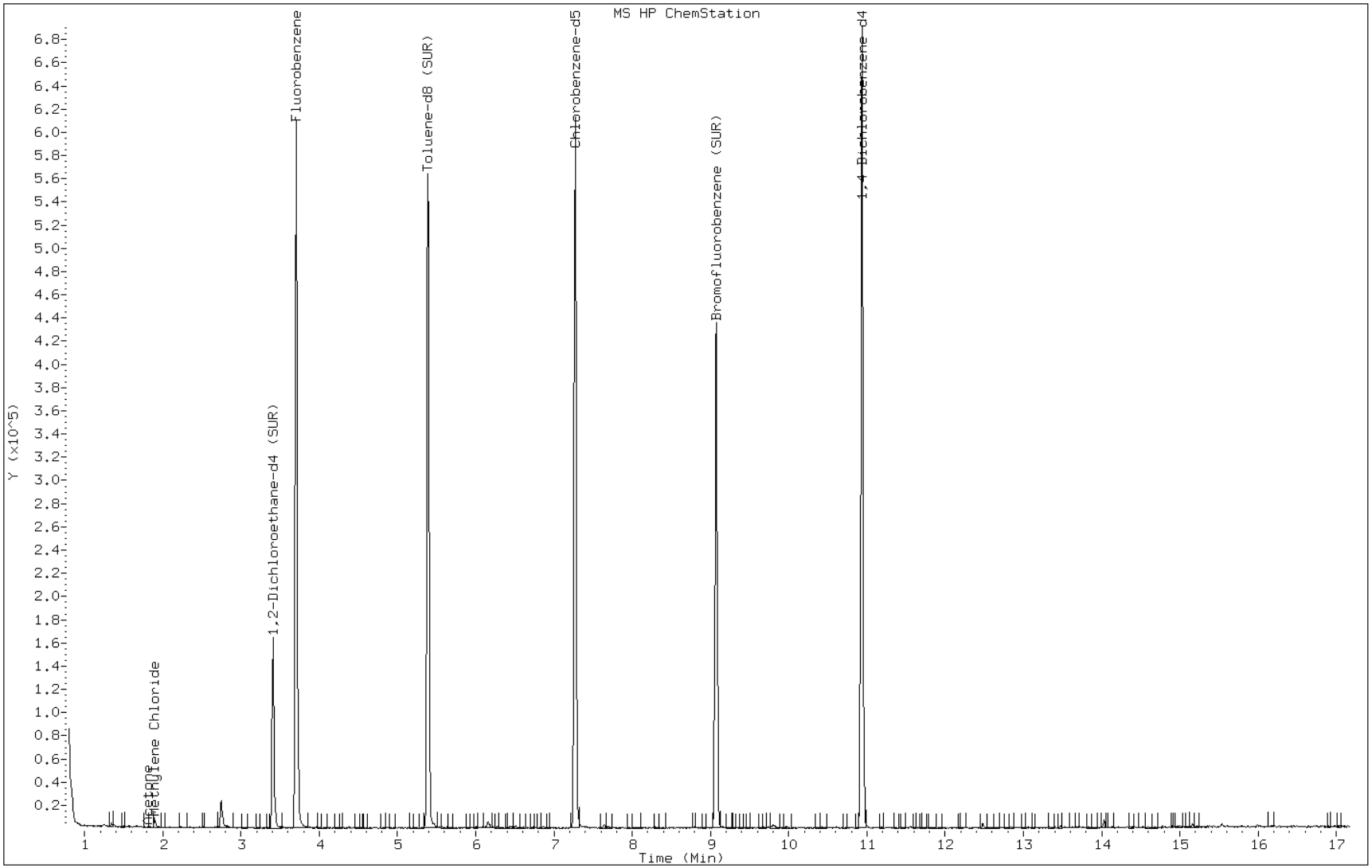
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o63016.d

Date: 03-AUG-2012 21:57

Client ID: Instrument: VOAMS12.i

Sample Info: LB3 460-122188/1-A Operator: VOAMS 9



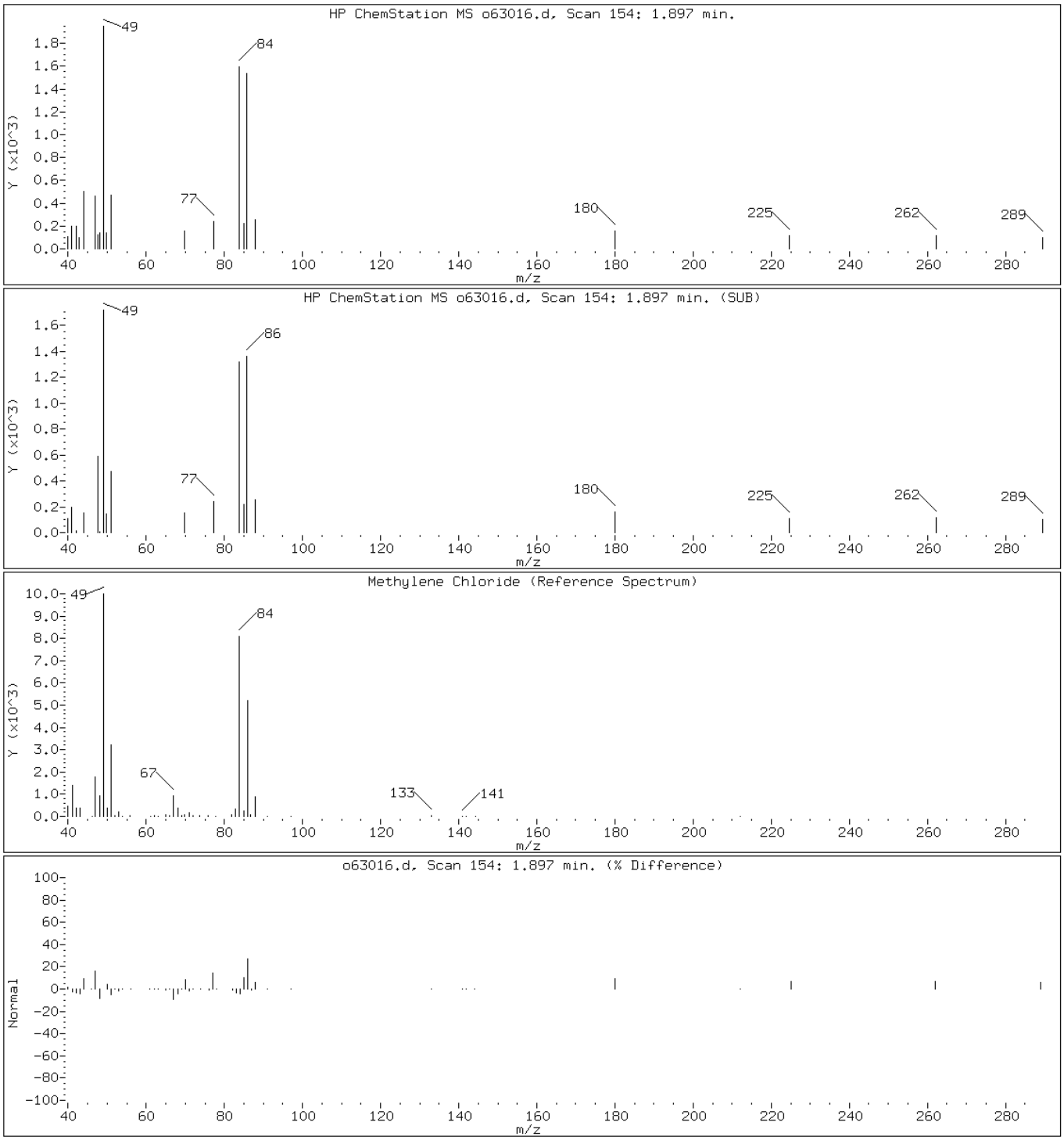
Data File: o63016.d

Date: 03-AUG-2012 21:57

Client ID: Instrument: VOAMS12.i

Sample Info: LB3 460-122188/1-A Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122264/3
Matrix: Water
Lab File ID: k02944.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/02/2012 09:05
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122264
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	28.7		1.0	0.10
74-83-9	Bromomethane	20.2		1.0	0.18
75-01-4	Vinyl chloride	25.9		1.0	0.14
75-00-3	Chloroethane	25.2		1.0	0.17
75-09-2	Methylene Chloride	21.2		1.0	0.18
67-64-1	Acetone	24.5		5.0	2.7
75-15-0	Carbon disulfide	14.4		1.0	0.13
75-69-4	Trichlorofluoromethane	21.7		1.0	0.15
75-35-4	1,1-Dichloroethene	16.6		1.0	0.090
75-34-3	1,1-Dichloroethane	20.4		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	17.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.0		1.0	0.18
67-66-3	Chloroform	19.0		1.0	0.080
78-93-3	2-Butanone	19.6		5.0	2.3
107-06-2	1,2-Dichloroethane	19.1		1.0	0.19
71-55-6	1,1,1-Trichloroethane	17.1		1.0	0.060
56-23-5	Carbon tetrachloride	17.2		1.0	0.060
71-43-2	Benzene	19.4		1.0	0.080
75-25-2	Bromoform	17.3		1.0	0.19
100-42-5	Styrene	19.1		1.0	0.12
179601-23-1	m&p-Xylene	36.9		2.0	0.25
95-47-6	o-Xylene	18.8		1.0	0.13
100-41-4	Ethylbenzene	17.9		1.0	0.10
108-90-7	Chlorobenzene	18.5		1.0	0.11
110-82-7	Cyclohexane	19.4		1.0	0.16
98-82-8	Isopropylbenzene	18.3		1.0	0.080
591-78-6	2-Hexanone	21.4		5.0	0.50
1634-04-4	MTBE	18.5		1.0	0.14
76-13-1	Freon TF	17.7		1.0	0.080
79-20-9	Methyl acetate	20.7		2.0	0.34
123-91-1	1,4-Dioxane	135		50	36
79-01-6	Trichloroethene	17.4		1.0	0.090
108-88-3	Toluene	18.2		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.24
108-10-1	4-Methyl-2-pentanone	21.3		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122264/3
Matrix: Water
Lab File ID: k02944.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/02/2012 09:05
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122264
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.21
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	19.6		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	21.2		1.0	0.51
78-87-5	1,2-Dichloropropane	20.6		1.0	0.090
108-87-2	Methylcyclohexane	19.0		1.0	0.14
127-18-4	Tetrachloroethene	16.8		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	23.0		1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.16
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.19
124-48-1	Dibromochloromethane	18.4		1.0	0.20
106-93-4	1,2-Dibromoethane	18.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.4		1.0	0.22
74-97-5	Bromochloromethane	17.2		1.0	0.27
75-27-4	Bromodichloromethane	18.6		1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	92		70-130

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02944.d
Report Date: 02-Aug-2012 09:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02944.d
Lab Smp Id: LCS
Inj Date : 02-AUG-2012 09:05
Operator : Inst ID: VOAMS9.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/8260_09.m
Meth Date : 02-Aug-2012 09:49 desais Quant Type: ISTD
Cal Date : 23-JUL-2012 23:59 Cal File: k02515.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.578	1.568	(0.290)	51390	20.3618	20
3 Chloromethane	50	1.739	1.733	(0.320)	86897	28.7281	29
4 Vinyl Chloride	62	1.846	1.835	(0.340)	79852	25.9290	26
6 Bromomethane	94	2.129	2.113	(0.392)	49341	20.2475	20
5 Chloroethane	64	2.199	2.194	(0.405)	39866	25.1936	25
7 Trichlorofluoromethane	101	2.397	2.392	(0.441)	84863	21.7004	22
9 Ethanol	46	2.557	2.547	(0.470)	48142	4388.70	4400(R)
11 Ethyl Ether	59	2.600	2.595	(0.478)	39481	25.2509	25
10 Isoprene	67	2.622	2.611	(0.482)	54724	21.5135	22
13 Acrolein	56	2.777	2.771	(0.511)	15488	106.246	110(R)
14 Freon TF	101	2.793	2.787	(0.514)	43345	17.7219	18
15 1,1-Dichloroethene	96	2.809	2.803	(0.517)	36130	16.5726	16
16 Acetone	43	2.905	2.894	(0.534)	16894	24.5317	24
17 Iodomethane	142	2.969	2.964	(0.546)	73924	14.5667	14
18 Carbon Disulfide	76	3.001	2.991	(0.552)	104013	14.4384	14
27 Methyl Acetate	43	3.140	3.135	(0.578)	46903	20.7467	21

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02944.d
Report Date: 02-Aug-2012 09:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
21 Acetonitrile	39	3.205	3.194	(0.590)	28220	429.968	430
22 Methylene Chloride	84	3.264	3.253	(0.600)	53577	21.1822	21
24 TBA	59	3.322	3.322	(0.611)	110367	389.565	390
28 MTBE	73	3.424	3.424	(0.630)	138210	18.4787	18
25 trans-1,2-Dichloroethene	96	3.445	3.440	(0.634)	45229	17.5690	18
26 Acrylonitrile	53	3.520	3.520	(0.648)	18393	22.6028	23
29 Hexane	43	3.606	3.595	(0.663)	26405	21.6694	22
32 DIPE	45	3.820	3.815	(0.703)	160918	21.4045	21
30 1,1-Dichloroethane	63	3.847	3.847	(0.708)	87606	20.4023	20
31 Vinyl Acetate	43	3.857	3.852	(0.710)	86864	26.1382	26
34 n-Propanol	42	3.905	3.911	(0.718)	52269	3479.01	3500
35 t-Butyl-ethyl-ether	59	4.141	4.136	(0.762)	154664	19.7317	20
37 2,2-Dichloropropane	77	4.355	4.355	(0.801)	72670	17.7156	18
36 cis-1,2-Dichloroethene	96	4.371	4.371	(0.804)	54453	17.9746	18
39 Ethyl Acetate	70	4.392	4.387	(0.808)	9859	39.4106	39
38 2-Butanone	72	4.387	4.387	(0.807)	5416	19.6413	20
40 Bromochloromethane	128	4.601	4.596	(0.846)	27733	17.2386	17
41 Tetrahydrofuran	42	4.601	4.596	(0.846)	15715	26.5139	26(R)
42 Chloroform	83	4.649	4.649	(0.855)	88381	18.9838	19
44 Cyclohexane	56	4.788	4.788	(0.881)	66557	19.4290	19
43 1,1,1-Trichloroethane	97	4.804	4.799	(0.884)	71667	17.0775	17
45 Carbon Tetrachloride	117	4.922	4.922	(0.906)	61491	17.2447	17
46 1,1-Dichloropropene	75	4.949	4.943	(0.910)	57967	16.4586	16
48 Benzene	78	5.147	5.147	(0.578)	191016	19.3507	19
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.163	5.163	(0.950)	127968	52.4235	52
61 Isopropyl Acetate	43	5.200	5.200	(0.957)	219220	42.6475	43
50 t-Amyl-methyl-ether	73	5.216	5.211	(0.960)	141704	19.4256	19
49 1,2-Dichloroethane	62	5.238	5.238	(0.964)	63096	19.0510	19
51 n-Heptane	57	5.296	5.302	(0.974)	19644	22.2237	22
* 52 Fluorobenzene	96	5.435	5.435	(1.000)	475465	50.0000	
53 n-Butanol	56	5.730	5.724	(1.054)	92552	1558.28	1600
54 Trichloroethene	95	5.789	5.789	(1.065)	45919	17.4443	17
55 Ethyl Acrylate	73	5.906	5.906	(1.087)	3892	18.8464	19
56 Methyl cyclohexane	83	5.922	5.917	(1.090)	60061	18.9793	19
57 1,2-Dichloropropane	63	6.083	6.083	(1.119)	49385	20.6427	21
59 Methyl Methacrylate	100	6.158	6.158	(1.133)	10725	16.6924	17
75 Propyl Acetate	43	6.211	6.211	(1.143)	122821	41.6542	42
60 1,4-Dioxane	88	6.195	6.190	(1.140)	3914	134.571	130
58 Dibromomethane	93	6.211	6.211	(1.143)	30547	18.4911	18
68 Bromodichloromethane	83	6.361	6.361	(1.170)	63296	18.6255	19
62 2-Chloroethyl Vinyl Ether	63	6.698	6.698	(1.232)	24825	17.7674	18
63 Epichlorohydrin	57	6.805	6.805	(0.764)	82443	403.047	400
67 cis-1,3-Dichloropropene	75	6.864	6.864	(0.771)	72768	19.4656	19
70 4-Methyl-2-Pentanone	43	7.030	7.030	(0.789)	44284	21.3135	21
$ 65 Toluene-d8 (SUR)	98	7.115	7.115	(0.799)	395667	49.6636	50
66 Toluene	91	7.190	7.190	(0.807)	198303	18.1529	18
64 trans-1,3-Dichloropropene	75	7.538	7.538	(0.846)	62103	18.9120	19

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02944.d
Report Date: 02-Aug-2012 09:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	7.752	7.757	(0.870)	35256	20.1483	20
	71 Tetrachloroethene	166	7.805	7.805	(0.876)	48899	16.8155	17
	72 1,3-Dichloropropane	76	7.966	7.966	(0.894)	66487	20.0323	20
	73 2-Hexanone	43	8.030	8.030	(0.902)	27776	21.4286	21
	76 Butyl Acetate	73	8.148	8.142	(0.915)	19178	38.9705	39
	74 Dibromochloromethane	129	8.196	8.196	(0.920)	49006	18.4353	18
	77 1,2-Dibromoethane	107	8.356	8.362	(0.938)	42281	18.7780	19
*	78 Chlorobenzene-d5	117	8.907	8.907	(1.000)	328218	50.0000	
	79 Chlorobenzene	112	8.945	8.945	(1.004)	129658	18.5430	18
	81 Ethylbenzene	106	9.047	9.047	(1.016)	63746	17.8751	18
	80 1,1,1,2-Tetrachloroethane	131	9.057	9.063	(1.017)	49016	17.6063	18
	82 m+p-Xylene	106	9.196	9.196	(1.032)	165061	36.8801	37
	83 Butyl Acrylate	73	9.614	9.614	(1.079)	31108	18.7915	19
	84 o-Xylene	106	9.630	9.630	(1.081)	86102	18.8113	19
	85 Styrene	104	9.656	9.656	(1.084)	142123	19.0718	19
	87 Amyl Acetate	43	9.833	9.833	(0.894)	87620	38.3559	38(R)
	86 Bromoform	173	9.854	9.854	(1.106)	34490	17.2767	17
	88 Isopropylbenzene	105	9.967	9.967	(1.119)	205986	18.2917	18
$	89 Bromofluorobenzene (SUR)	174	10.143	10.143	(0.922)	153877	45.8399	46
	90 Camphene (total)	41	10.159	10.159	(1.141)	12608	25.3666	25
	92 1,1,2,2-Tetrachloroethane	83	10.288	10.288	(0.935)	60354	21.8728	22
	91 Bromobenzene	156	10.256	10.261	(0.932)	59933	17.4547	17
	95 n-Propylbenzene	91	10.314	10.314	(0.937)	240626	19.3978	19
	94 trans-1,4-Dichloro-2-butene	53	10.347	10.347	(0.940)	14552	21.5661	22
	93 1,2,3-Trichloropropane	110	10.330	10.330	(0.939)	16032	20.0091	20
	96 2-Chlorotoluene	91	10.405	10.405	(0.946)	149575	19.3842	19
	97 1,3,5-Trimethylbenzene	105	10.459	10.464	(0.950)	169237	18.0920	18
	99 Butyl Methacrylate	87	10.534	10.539	(0.957)	63846	20.3621	20
	98 4-Chlorotoluene	91	10.496	10.496	(0.954)	155977	20.1601	20
	100 tert-Butylbenzene	119	10.694	10.694	(0.972)	126706	17.9593	18
	101 1,2,4-Trimethylbenzene	105	10.737	10.737	(0.976)	178282	17.2023	17
	102 2-Octanone	43	10.828	10.828	(0.984)	79982	26.4657	26(R)
	103 sec-Butylbenzene	105	10.849	10.849	(0.986)	201900	19.6712	20
	107 p-Isopropyltoluene	119	10.951	10.951	(0.995)	171815	19.0545	19
	105 1,3-Dichlorobenzene	146	10.951	10.951	(0.995)	112746	19.2936	19
*	108 1,4-Dichlorobenzene-d4	152	11.005	11.005	(1.000)	190582	50.0000	
	109 1,4-Dichlorobenzene	146	11.021	11.021	(1.001)	113464	18.9598	19
	110 Benzyl Chloride	91	11.117	11.117	(1.010)	106727	21.1209	21
	106 n-Butylbenzene	91	11.219	11.213	(1.019)	148733	19.9791	20
	111 1,2-Dichlorobenzene	146	11.267	11.261	(1.024)	112780	18.8631	19
	112 1,2-Dibromo-3-chloropropane	75	11.753	11.748	(1.068)	11348	22.9696	23
	113 Camphor	95	12.181	12.176	(1.107)	30250	92.7159	93
	114 1,2,4-Trichlorobenzene	180	12.235	12.230	(1.112)	76354	19.6423	20
	115 Hexachlorobutadiene	225	12.305	12.294	(1.118)	28253	16.8687	17
	116 Naphthalene	128	12.412	12.406	(1.128)	188748	21.0409	21
	117 1,2,3-Trichlorobenzene	180	12.572	12.567	(1.142)	71628	21.2366	21
M	120 1,2-Dichloroethene (Total)	100				99682	35.5435	36

Data File: /chem/VOAMS9.i/8260_09/07-23-12/02aug12.b/k02944.d
Report Date: 02-Aug-2012 09:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				251163	55.6914	56

QC Flag Legend

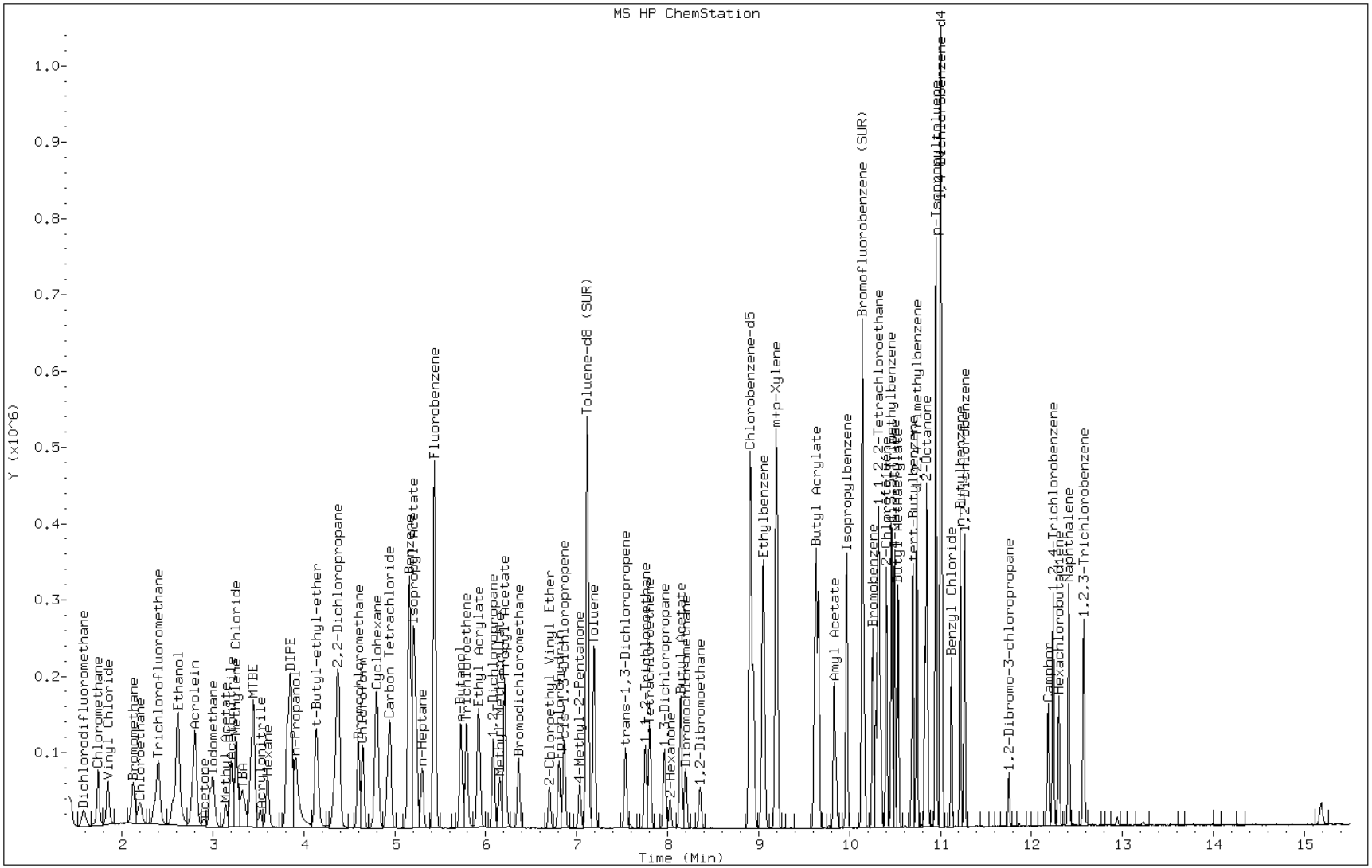
R - Spike/Surrogate failed recovery limits.

Data File: k02944.d

Date: 02-AUG-2012 09:05

Client ID: Instrument: VOAMS9.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-122620/17

Matrix: Solid | Lab File ID: o63012.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/03/2012 19:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122620 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.8		1.0	0.16
74-83-9	Bromomethane	20.0		1.0	0.43
75-01-4	Vinyl chloride	18.2		1.0	0.34
75-00-3	Chloroethane	21.1		1.0	0.33
75-09-2	Methylene Chloride	21.9		1.0	0.15
67-64-1	Acetone	18.4		10	1.7
75-15-0	Carbon disulfide	19.5		1.0	0.15
75-69-4	Trichlorofluoromethane	20.6		1.0	0.16
75-35-4	1,1-Dichloroethene	22.8		1.0	0.19
75-34-3	1,1-Dichloroethane	19.3		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.11
67-66-3	Chloroform	19.7		1.0	0.24
78-93-3	2-Butanone	15.4		10	0.63
107-06-2	1,2-Dichloroethane	18.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.13
56-23-5	Carbon tetrachloride	20.1		1.0	0.15
71-43-2	Benzene	21.0		1.0	0.15
75-25-2	Bromoform	17.6		1.0	0.17
100-42-5	Styrene	20.6		1.0	0.28
179601-23-1	m&p-Xylene	41.5		2.0	0.59
95-47-6	o-Xylene	20.9		1.0	0.19
100-41-4	Ethylbenzene	21.0		1.0	0.17
108-90-7	Chlorobenzene	20.6		1.0	0.18
110-82-7	Cyclohexane	19.8		1.0	0.13
98-82-8	Isopropylbenzene	20.7		1.0	0.11
591-78-6	2-Hexanone	20.3		10	0.13
1634-04-4	MTBE	18.8		1.0	0.11
76-13-1	Freon TF	19.9		1.0	0.11
79-20-9	Methyl acetate	18.8		1.0	0.32
123-91-1	1,4-Dioxane	153		50	13
79-01-6	Trichloroethene	20.9		1.0	0.12
108-88-3	Toluene	20.6		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.3		10	0.20
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122620/17
Matrix: Solid
Lab File ID: o63012.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/03/2012 19:27
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122620
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	20.4		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.16
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.7		1.0	0.16
78-87-5	1,2-Dichloropropane	20.8		1.0	0.15
108-87-2	Methylcyclohexane	20.9		1.0	0.10
127-18-4	Tetrachloroethene	21.4		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.14
124-48-1	Dibromochloromethane	20.4		1.0	0.10
106-93-4	1,2-Dibromoethane	20.0		1.0	0.15
75-71-8	Dichlorodifluoromethane	14.7		1.0	0.22
74-97-5	Bromochloromethane	19.4		1.0	0.11
75-27-4	Bromodichloromethane	20.0		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63012.d
Report Date: 03-Aug-2012 20:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63012.d
Lab Smp Id: LCS
Inj Date : 03-AUG-2012 19:27
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/8260L_10.m
Meth Date : 03-Aug-2012 19:24 ken Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	58451	14.6594	15
1 Chloromethane	50	0.995	0.995	(0.269)	74753	15.8485	16
4 Vinyl Chloride	62	1.009	1.009	(0.272)	77051	18.1999	18
3 Bromomethane	94	1.159	1.159	(0.313)	50022	20.0298	20
5 Chloroethane	64	1.217	1.210	(0.329)	45210	21.0688	21
9 Trichlorofluoromethane	101	1.331	1.331	(0.360)	119619	20.5509	20
121 n-Pentane	72	1.367	1.367	(0.369)	28421	33.1186	33
127 Ethanol	46	1.482	1.482	(0.400)	43219	2525.76	2500
46 Ethyl Ether	59	1.496	1.496	(0.404)	49137	18.3893	18
119 Isoprene	67	1.496	1.496	(0.404)	112903	21.2543	21
157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	131177	19.2967	19
47 Acrolein	56	1.568	1.568	(0.423)	117775	280.467	280
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	69685	22.8038	23
48 Freon TF	101	1.611	1.611	(0.435)	77384	19.9467	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63012.d
Report Date: 03-Aug-2012 20:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.661	(0.449)	14219	18.4254	18
142 Iodomethane	142	1.697	1.697	(0.458)	83454	17.9322	18
8 Carbon Disulfide	76	1.725	1.725	(0.466)	212321	19.5118	20
50 Acetonitrile	41	1.818	1.818	(0.491)	315838	416.748	420
125 Methyl acetate	74	1.847	1.847	(0.499)	10980	18.7723	19
6 Methylene Chloride	84	1.897	1.897	(0.512)	71867	21.8523	22
51 TBA	59	2.005	2.005	(0.541)	114308	349.405	350
52 Acrylonitrile	53	2.062	2.055	(0.557)	150057	140.224	140
12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	75955	20.0263	20
53 MTBE	73	2.069	2.062	(0.559)	160145	18.7840	19
54 Hexane	56	2.227	2.220	(0.601)	56022	19.0942	19
11 1,1-Dichloroethane	63	2.327	2.327	(0.628)	125827	19.3460	19
57 Vinyl Acetate	43	2.384	2.377	(0.644)	241221	32.1624	32
55 DIPE	45	2.391	2.384	(0.646)	191092	17.7847	18
149 tert-Butyl ethyl ether	59	2.642	2.649	(0.714)	173634	19.1000	19
104 2,2-Dichloropropane	77	2.742	2.735	(0.741)	105244	18.5110	18
13 cis-1,2-Dichloroethene	96	2.742	2.742	(0.741)	81821	19.8189	20
18 2-Butanone	72	2.778	2.778	(0.750)	5492	15.4493	15
56 Ethyl Acetate	70	2.828	2.828	(0.764)	10325	39.1770	39
108 Bromochloromethane	128	2.929	2.929	(0.791)	36282	19.4028	19
160 Tetrahydrofuran	42	2.979	2.972	(0.805)	21613	22.9414	23
15 Chloroform	83	3.000	3.000	(0.810)	124767	19.7159	20
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	110175	20.0311	20
59 Cyclohexane	56	3.165	3.158	(0.855)	140064	19.8010	20
21 Carbon Tetrachloride	117	3.258	3.258	(0.880)	91959	20.0606	20
92 1,1-Dichloropropene	75	3.265	3.265	(0.882)	103257	19.3634	19
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	95881	46.3145	46
28 Benzene	78	3.444	3.444	(0.930)	299069	20.9612	21
17 1,2-Dichloroethane	62	3.473	3.473	(0.938)	75931	18.6569	19
61 Isopropyl Acetate	43	3.566	3.566	(0.963)	226583	39.7581	40
140 tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	149965	19.4752	19
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	503859	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.083)	58980	42.8129	43
25 Trichloroethene	95	4.053	4.053	(1.095)	75393	20.8820	21
63 n-Butanol	43	4.089	4.089	(1.104)	60570	1408.32	1400
96 Ethyl Acrylate	85	4.590	4.591	(1.240)	53475	357.313	360(R)
126 Methyl cyclohexane	83	4.225	4.218	(1.141)	143920	20.9300	21
23 1,2-Dichloropropane	63	4.282	4.283	(1.157)	69703	20.7715	21
109 Dibromomethane	93	4.397	4.397	(1.188)	35783	19.4450	19
95 1,4-Dioxane	88	4.461	4.447	(1.205)	5931	152.744	150
146 Methyl methacrylate	69	4.454	4.454	(1.203)	35546	19.2325	19
64 Propyl Acetate	43	4.540	4.533	(1.226)	65016	35.3003	35
22 Bromodichloromethane	83	4.583	4.583	(1.238)	85182	19.9948	20
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	26209	15.4651	15
159 2-Nitropropane	41	5.013	5.013	(1.354)	3654		(a)
118 Epichlorohydrin	57	5.020	5.013	(1.356)	108521	394.530	390
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	98962	19.7976	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63012.d
Report Date: 03-Aug-2012 20:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	47020	19.3360	19
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	385768	49.8445	50
38 Toluene	91	5.464	5.464	(0.752)	328597	20.6477	21
29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	81367	17.3731	17
27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	43080	20.0795	20
35 Tetrachloroethene	166	6.130	6.131	(0.843)	93682	21.3755	21
103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	90271	19.8044	20
34 2-Hexanone	43	6.395	6.396	(0.880)	34181	20.3250	20
26 Dibromochloromethane	129	6.496	6.496	(0.894)	60245	20.4126	20
65 Butyl Acetate	43	6.610	6.611	(0.909)	151675	36.4723	36
66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	51517	19.9806	20
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	381572	50.0000	
39 Chlorobenzene	112	7.312	7.312	(1.006)	203776	20.5587	20
97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	62577	17.5469	18
40 Ethylbenzene	106	7.506	7.506	(1.033)	115152	20.9809	21
43 m+p-Xylene	106	7.692	7.692	(1.058)	282815	41.4751	41
44 o-Xylene	106	8.272	8.272	(1.138)	140456	20.8570	21
42 Styrene	104	8.301	8.301	(1.142)	228074	20.5530	20
147 Butyl Acrylate	55	8.380	8.380	(0.766)	95717	17.9889	18
31 Bromoform	173	8.537	8.537	(1.174)	37480	17.6361	18
145 Amyl Acetate	43	8.766	8.767	(1.206)	82115	30.7907	31
110 Isopropylbenzene	105	8.867	8.867	(1.220)	376229	20.7261	21
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	153591	49.5930	50
150 Camphene	41	9.196	9.196	(0.841)	29155	19.3648	19
107 Bromobenzene	156	9.254	9.254	(0.846)	90543	20.2485	20
36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	63382	19.0624	19
99 1,2,3-Trichloropropane	110	9.425	9.418	(0.862)	18640	18.4427	18
143 trans-1,4-Dichloro-2-butene	53	9.497	9.504	(2.565)	16568	18.1849	18
112 n-Propylbenzene	91	9.526	9.526	(0.871)	452771	20.7994	21
105 2-Chlorotoluene	91	9.597	9.598	(0.878)	249321	20.4750	20
161 4-Ethyltoluene	105	9.719	9.726	(2.625)	388826	21.1059	21
106 4-Chlorotoluene	91	9.784	9.784	(0.895)	254632	20.4159	20
102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	306554	20.4925	20
148 Butyl methacrylate	69	10.142	10.142	(0.927)	88598	16.8743	17
115 tert-Butylbenzene	119	10.349	10.350	(0.946)	287832	20.7808	21
100 1,2,4-Trimethylbenzene	105	10.435	10.428	(0.954)	311068	20.7341	21
114 sec-Butylbenzene	105	10.715	10.715	(0.980)	433730	20.6780	21
67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	184658	20.7158	21
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	221075	50.0000	
68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	182307	20.5592	20
113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	366424	21.0743	21
117 Benzyl chloride	91	11.238	11.238	(1.028)	102558	14.5174	14
69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	169594	20.3903	20
162 1,4-Diethylbenzene	119	11.582	11.582	(3.128)	223541	20.1496	20
111 n-Butylbenzene	91	11.603	11.603	(1.061)	406244	20.8990	21
101 1,2-Dibromo-3-chloropropane	75	12.484	12.477	(1.141)	14188	19.0728	19
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	333064	20.4576	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63012.d
Report Date: 03-Aug-2012 20:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	38763	103.607	100
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	140663	20.6177	21
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	89093	20.6131	21
	70 Naphthalene	128	13.473	13.480	(1.232)	275574	20.7633	21
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.251)	127930	20.7317	21
M	14 1,2-Dichloroethene (total)	100				157776	39.8452	40
M	45 Xylene (Total)	100				423272	62.3311	62

QC Flag Legend

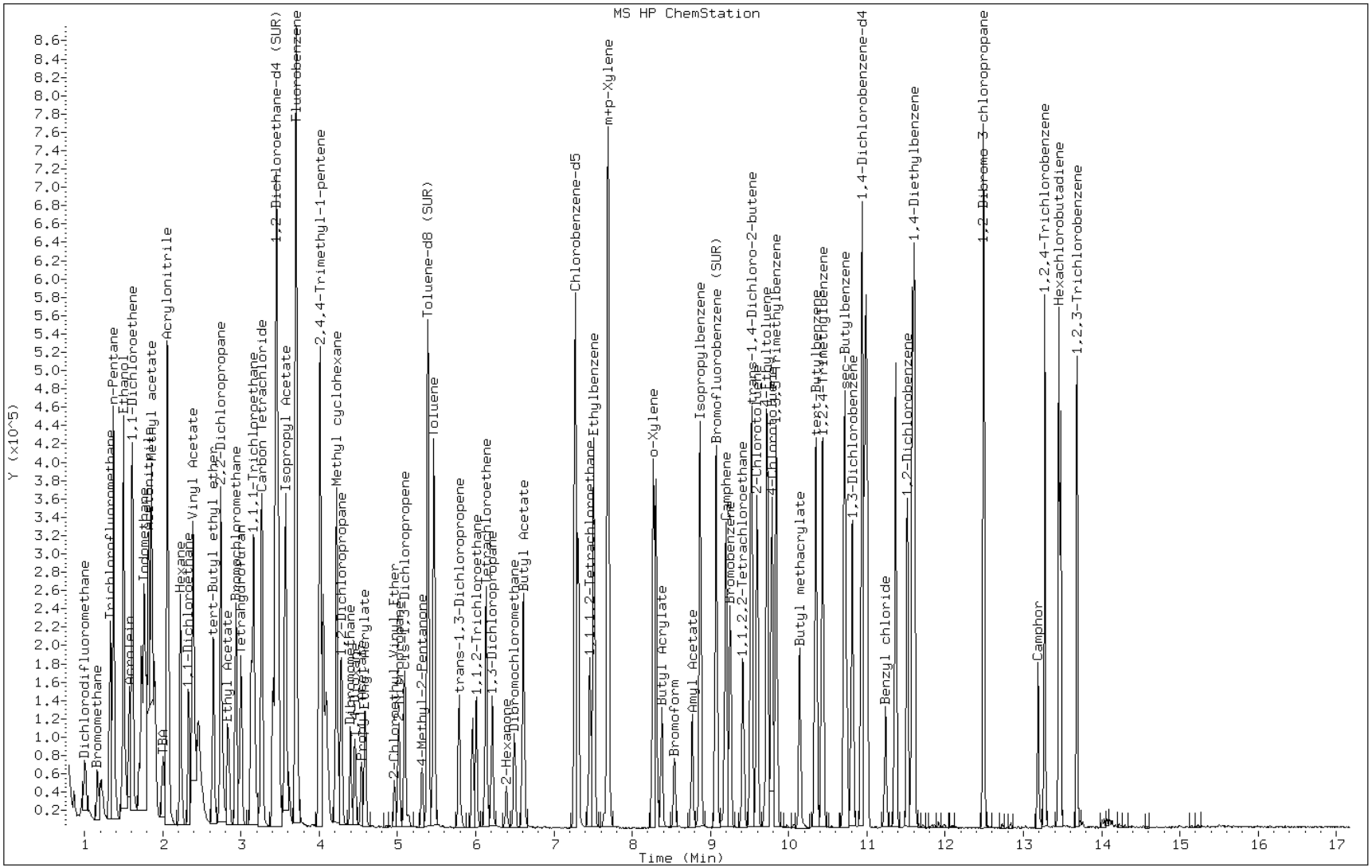
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o63012.d

Date: 03-AUG-2012 19:27

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122835/3
Matrix: Solid
Lab File ID: k03050.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/06/2012 21:21
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122835
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	13.1		1.0	0.16
74-83-9	Bromomethane	17.1		1.0	0.43
75-01-4	Vinyl chloride	14.6		1.0	0.34
75-00-3	Chloroethane	14.5		1.0	0.33
75-09-2	Methylene Chloride	22.7		1.0	0.15
67-64-1	Acetone	20.8		10	1.7
75-15-0	Carbon disulfide	16.1		1.0	0.15
75-69-4	Trichlorofluoromethane	15.5		1.0	0.16
75-35-4	1,1-Dichloroethene	18.1		1.0	0.19
75-34-3	1,1-Dichloroethane	19.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.11
67-66-3	Chloroform	19.5		1.0	0.24
78-93-3	2-Butanone	23.5		10	0.63
107-06-2	1,2-Dichloroethane	20.5		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.6		1.0	0.13
56-23-5	Carbon tetrachloride	17.7		1.0	0.15
71-43-2	Benzene	18.8		1.0	0.15
75-25-2	Bromoform	18.7		1.0	0.17
100-42-5	Styrene	19.8		1.0	0.28
179601-23-1	m&p-Xylene	38.3		2.0	0.59
95-47-6	o-Xylene	19.7		1.0	0.19
100-41-4	Ethylbenzene	19.1		1.0	0.17
108-90-7	Chlorobenzene	19.1		1.0	0.18
110-82-7	Cyclohexane	20.3		1.0	0.13
98-82-8	Isopropylbenzene	19.4		1.0	0.11
591-78-6	2-Hexanone	29.1		10	0.13
1634-04-4	MTBE	21.2		1.0	0.11
76-13-1	Freon TF	16.7		1.0	0.11
79-20-9	Methyl acetate	20.0		1.0	0.32
123-91-1	1,4-Dioxane	170		50	13
79-01-6	Trichloroethene	17.5		1.0	0.12
108-88-3	Toluene	18.4		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	21.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	24.5		10	0.20
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122835/3
Matrix: Solid
Lab File ID: k03050.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/06/2012 21:21
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122835
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	18.7		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.6		1.0	0.16
106-46-7	1,4-Dichlorobenzene	18.5		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.7		1.0	0.16
78-87-5	1,2-Dichloropropane	20.6		1.0	0.15
108-87-2	Methylcyclohexane	19.1		1.0	0.10
127-18-4	Tetrachloroethene	17.4		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	22.3		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	22.0		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.7		1.0	0.14
124-48-1	Dibromochloromethane	19.4		1.0	0.10
106-93-4	1,2-Dibromoethane	20.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	14.9		1.0	0.22
74-97-5	Bromochloromethane	18.4		1.0	0.11
75-27-4	Bromodichloromethane	19.8		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	102		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03050.d
Report Date: 07-Aug-2012 14:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03050.d
Lab Smp Id: LCS
Inj Date : 06-AUG-2012 21:21
Operator : VOAMS 9 Inst ID: VOAMS9.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 14:01 vibha Quant Type: ISTD
Cal Date : 03-AUG-2012 21:24 Cal File: k02987.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	1.566	1.572	(0.289)	71844	14.9409	15
1 Chloromethane	50	1.727	1.727	(0.318)	106229	13.0588	13
4 Vinyl Chloride	62	1.829	1.834	(0.337)	100930	14.5712	14
3 Bromomethane	94	2.107	2.107	(0.388)	46737	17.1353	17
5 Chloroethane	64	2.176	2.187	(0.401)	38256	14.5139	14
9 Trichlorofluoromethane	101	2.380	2.385	(0.438)	104357	15.4707	15
121 n-Pentane	72	2.390	2.390	(0.440)	19977	26.4311	26
127 Ethanol	46	2.561	2.562	(0.472)	80436	3209.04	3200
46 Ethyl Ether	59	2.594	2.594	(0.478)	50593	16.6824	17
119 Isoprene	67	2.604	2.610	(0.480)	100490	17.0070	17
157 Dichlorofluoromethane	67	2.369	2.364	(0.436)	143782	16.1631	16(M)
47 Acrolein	56	2.770	2.770	(0.510)	184279	293.197	290
10 1,1-Dichloroethene	96	2.802	2.802	(0.516)	62216	18.1389	18
48 Freon TF	101	2.781	2.786	(0.512)	75018	16.7444	17

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03050.d
Report Date: 07-Aug-2012 14:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	2.898	2.893	(0.534)	17363	20.8315	21
142 Iodomethane	142	2.952	2.957	(0.544)	116402	17.3494	17
8 Carbon Disulfide	76	2.989	2.990	(0.551)	236908	16.0608	16
50 Acetonitrile	41	3.198	3.198	(0.589)	251563	462.372	460
125 Methyl acetate	74	3.139	3.139	(0.578)	12411	20.0457	20
6 Methylene Chloride	84	3.252	3.252	(0.599)	83046	22.7067	23
51 TBA	59	3.326	3.327	(0.613)	200434	451.818	450
52 Acrylonitrile	53	3.514	3.519	(0.647)	228943	187.493	190
12 trans-1,2-Dichloroethene	96	3.439	3.439	(0.633)	67829	17.6176	18
53 MTBE	73	3.417	3.418	(0.629)	207567	21.1938	21
54 Hexane	56	3.594	3.594	(0.662)	58103	18.5868	18
11 1,1-Dichloroethane	63	3.840	3.840	(0.707)	139754	19.8994	20
57 Vinyl Acetate	43	3.851	3.851	(0.709)	352517	49.3748	49(RM)
55 DIPE	45	3.813	3.813	(0.702)	294026	22.9759	23
149 tert-Butyl ethyl ether	59	4.129	4.129	(0.761)	240697	21.9246	22
104 2,2-Dichloropropane	77	4.348	4.348	(0.801)	108826	18.4626	18
13 cis-1,2-Dichloroethene	96	4.364	4.364	(0.804)	76746	18.4574	18
18 2-Butanone	72	4.386	4.386	(0.808)	8543	23.5291	24(R)
56 Ethyl Acetate	70	4.386	4.380	(0.808)	13278	40.7312	41
108 Bromochloromethane	128	4.589	4.594	(0.845)	34143	18.4039	18
160 Tetrahydrofuran	42	4.600	4.594	(0.847)	30547	26.9962	27(R)
15 Chloroform	83	4.642	4.643	(0.855)	125771	19.4775	19
20 1,1,1-Trichloroethane	97	4.792	4.792	(0.883)	107636	18.5865	18
59 Cyclohexane	56	4.782	4.787	(0.881)	149912	20.3266	20
21 Carbon Tetrachloride	117	4.915	4.915	(0.905)	87656	17.6708	18
92 1,1-Dichloropropene	75	4.942	4.942	(0.910)	93773	17.2511	17
$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.156	5.156	(0.950)	161433	57.1823	57
28 Benzene	78	5.145	5.145	(0.948)	291991	18.7745	19
17 1,2-Dichloroethane	62	5.236	5.231	(0.965)	86282	20.5294	20
61 Isopropyl Acetate	43	5.199	5.199	(0.958)	380229	47.8846	48
140 tert-Amylmethyl Ether	73	5.210	5.210	(0.960)	207336	21.6795	22
* 69 Fluorobenzene	96	5.429	5.429	(1.000)	627269	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.648	(1.041)	40954	32.3822	32
25 Trichloroethene	95	5.782	5.782	(1.065)	65376	17.4820	17
63 n-Butanol	43	5.723	5.723	(1.054)	119700	2045.30	2000(R)
96 Ethyl Acrylate	85	4.434	4.439	(0.817)	8744	21.0570	21
126 Methyl cyclohexane	83	5.916	5.916	(1.090)	135458	19.0735	19
23 1,2-Dichloropropane	63	6.076	6.082	(1.119)	75521	20.6175	21
109 Dibromomethane	93	6.205	6.205	(1.143)	37778	18.9187	19
95 1,4-Dioxane	88	6.189	6.189	(1.140)	7095	170.313	170
146 Methyl methacrylate	69	6.151	6.151	(1.133)	38510	21.2415	21
64 Propyl Acetate	43	6.205	6.205	(1.143)	100992	47.3742	47
22 Bromodichloromethane	83	6.354	6.355	(1.170)	85459	19.7966	20
30 2-Chloroethyl Vinyl Ether	63	6.697	6.697	(1.234)	21489	13.1408	13(R)
159 2-Nitropropane	41	5.060	5.060	(0.932)	547173		(a)
118 Epichlorohydrin	57	6.804	6.804	(1.253)	132990	459.947	460
24 cis-1,3-Dichloropropene	75	6.857	6.857	(1.263)	101313	19.6335	20

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03050.d
Report Date: 07-Aug-2012 14:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	7.023	7.029	(1.294)	73046	24.4525	24(R)
$ 37 Toluene-d8 (SUR)	98	7.109	7.109	(0.799)	538576	52.9109	53
38 Toluene	91	7.189	7.189	(0.808)	285619	18.4092	18
29 trans-1,3-Dichloropropene	75	7.531	7.531	(0.846)	86672	21.6580	22
27 1,1,2-Trichloroethane	83	7.751	7.745	(0.871)	46590	20.7063	21
35 Tetrachloroethene	166	7.799	7.794	(0.876)	66630	17.3585	17
103 1,3-Dichloropropane	76	7.959	7.959	(0.894)	89913	21.5317	22
34 2-Hexanone	43	8.023	8.024	(0.901)	52815	29.1227	29(R)
26 Dibromochloromethane	129	8.195	8.189	(0.921)	55674	19.3887	19
65 Butyl Acetate	43	8.136	8.136	(0.914)	226897	51.3219	51(R)
66 1,2-Dibromoethane	107	8.355	8.350	(0.939)	49728	20.2918	20
* 32 Chlorobenzene-d5	117	8.901	8.901	(1.000)	413799	50.0000	
39 Chlorobenzene	112	8.938	8.938	(1.004)	172513	19.0574	19
97 1,1,1,2-Tetrachloroethane	131	9.056	9.056	(1.017)	62910	18.5742	18
40 Ethylbenzene	106	9.040	9.040	(1.016)	94413	19.0611	19
43 m+p-Xylene	106	9.195	9.190	(1.033)	236605	38.2819	38
44 o-Xylene	106	9.628	9.629	(1.082)	122137	19.6914	20
42 Styrene	104	9.655	9.655	(1.085)	191817	19.7831	20
147 Butyl Acrylate	55	9.607	9.607	(0.874)	119260	22.8428	23
31 Bromoform	173	9.853	9.853	(1.107)	37149	18.6588	19
145 Amyl Acetate	43	9.826	9.826	(1.104)	120706	42.6496	43(R)
110 Isopropylbenzene	105	9.965	9.966	(1.120)	321128	19.4004	19
$ 41 Bromofluorobenzene (SUR)	174	10.142	10.137	(0.922)	190547	51.0535	51
150 Camphene	41	10.158	10.158	(0.924)	34018	21.3373	21
107 Bromobenzene	156	10.254	10.254	(0.932)	74157	17.9868	18
36 1,1,2,2-Tetrachloroethane	83	10.286	10.287	(0.935)	80379	21.9544	22
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	19107	20.2314	20
143 trans-1,4-Dichloro-2-butene	53	10.345	10.340	(1.906)	20851	22.1038	22
112 n-Propylbenzene	91	10.313	10.313	(0.938)	401725	19.2375	19
105 2-Chlorotoluene	91	10.404	10.399	(0.946)	267976	19.7345	20
161 4-Ethyltoluene	105	10.404	10.404	(1.916)	329809	20.1611	20(M)
106 4-Chlorotoluene	91	10.490	10.490	(0.954)	230160	19.5707	20
102 1,3,5-Trimethylbenzene	105	10.458	10.458	(0.951)	270308	19.0268	19
148 Butyl methacrylate	69	10.532	10.533	(0.958)	101745	21.8974	22
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	211819	18.0948	18
100 1,2,4-Trimethylbenzene	105	10.736	10.736	(0.976)	275039	19.0194	19
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	371090	19.1410	19
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.996)	151511	18.5714	18
* 91 1,4-Dichlorobenzene-d4	152	10.998	10.998	(1.000)	221986	50.0000	
68 1,4-Dichlorobenzene	146	11.014	11.014	(1.001)	152595	18.5054	18
113 p-Isopropyltoluene	119	10.944	10.945	(0.995)	303931	19.0982	19
117 Benzyl chloride	91	11.116	11.116	(1.011)	129200	20.0303	20
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.024)	148178	18.7470	19
162 1,4-Diethylbenzene	119	11.196	11.196	(2.062)	187441	19.0185	19(H)
111 n-Butylbenzene	91	11.212	11.212	(1.019)	377415	20.0170	20
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.068)	15472	22.2831	22
163 1,2,4,5-Tetramethylbenzene	119	11.672	11.667	(2.150)	275811	19.3231	19

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03050.d
Report Date: 07-Aug-2012 14:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	12.175	12.170	(1.107)	37394	94.6671	95
	93 1,2,4-Trichlorobenzene	180	12.228	12.223	(1.112)	118717	18.2806	18
	94 Hexachlorobutadiene	225	12.293	12.287	(1.118)	62465	17.4203	17
	70 Naphthalene	128	12.400	12.400	(1.127)	286377	21.4941	21
	98 1,2,3-Trichlorobenzene	180	12.560	12.560	(1.142)	114639	18.7428	19
M	14 1,2-Dichloroethene (total)	100				144575	36.0750	36
M	45 Xylene (Total)	100				358742	57.9746	58

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: k03050.d

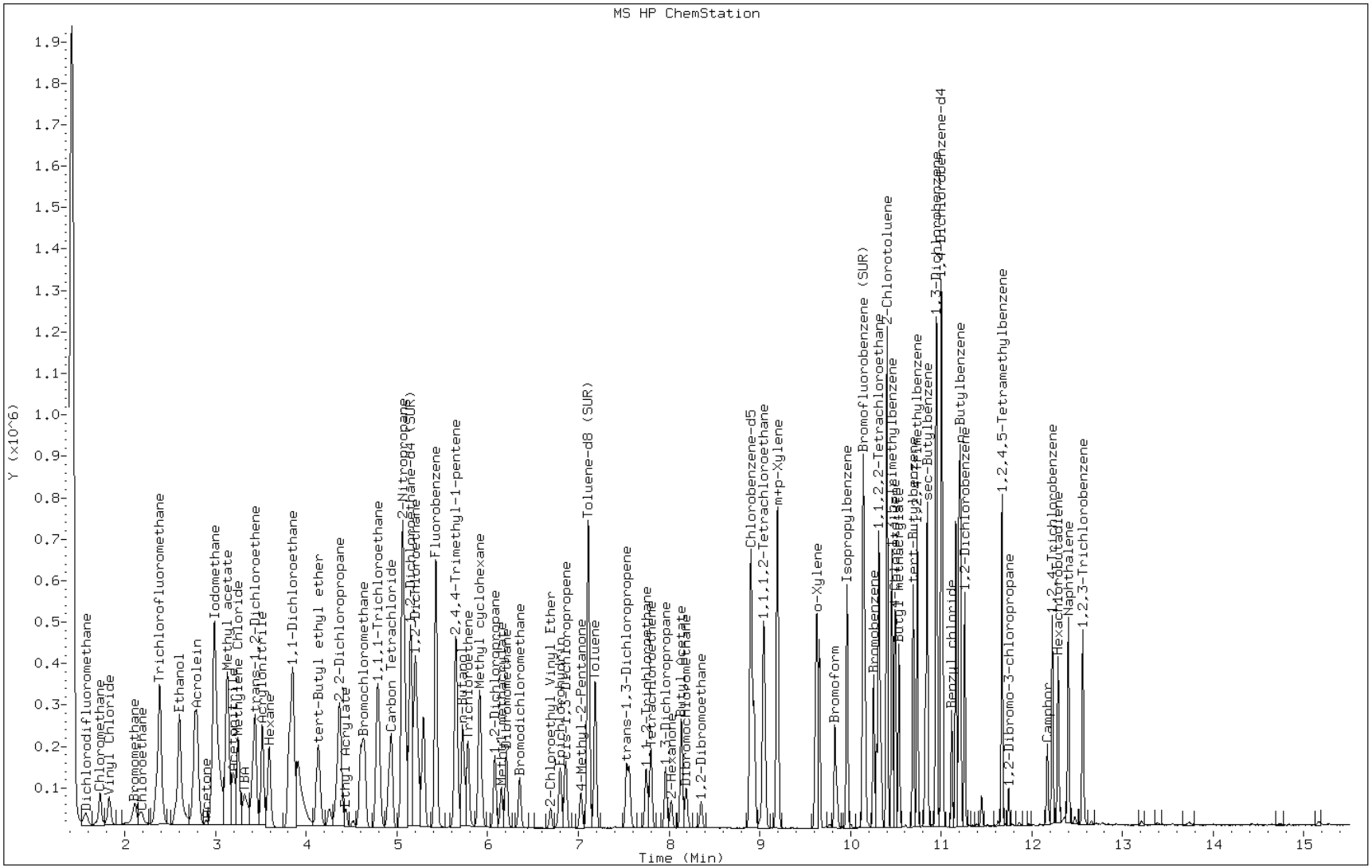
Date: 06-AUG-2012 21:21

Client ID:

Instrument: VOAMS9.i

Sample Info: LCS

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-123008/3

Matrix: Solid | Lab File ID: o63144.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2012 19:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123008 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.1		1.0	0.16
74-83-9	Bromomethane	17.2		1.0	0.43
75-01-4	Vinyl chloride	16.7		1.0	0.34
75-00-3	Chloroethane	21.9		1.0	0.33
75-09-2	Methylene Chloride	20.8		1.0	0.15
67-64-1	Acetone	24.0		10	1.7
75-15-0	Carbon disulfide	17.7		1.0	0.15
75-69-4	Trichlorofluoromethane	17.8		1.0	0.16
75-35-4	1,1-Dichloroethene	17.8		1.0	0.19
75-34-3	1,1-Dichloroethane	19.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.11
67-66-3	Chloroform	18.8		1.0	0.24
78-93-3	2-Butanone	22.0		10	0.63
107-06-2	1,2-Dichloroethane	18.1		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.13
56-23-5	Carbon tetrachloride	18.5		1.0	0.15
71-43-2	Benzene	20.2		1.0	0.15
75-25-2	Bromoform	18.6		1.0	0.17
100-42-5	Styrene	21.0		1.0	0.28
179601-23-1	m&p-Xylene	41.4		2.0	0.59
95-47-6	o-Xylene	21.2		1.0	0.19
100-41-4	Ethylbenzene	20.5		1.0	0.17
108-90-7	Chlorobenzene	20.5		1.0	0.18
110-82-7	Cyclohexane	19.1		1.0	0.13
98-82-8	Isopropylbenzene	20.4		1.0	0.11
591-78-6	2-Hexanone	24.3		10	0.13
1634-04-4	MTBE	20.9		1.0	0.11
76-13-1	Freon TF	19.2		1.0	0.11
79-20-9	Methyl acetate	22.8		1.0	0.32
123-91-1	1,4-Dioxane	177		50	13
79-01-6	Trichloroethene	20.0		1.0	0.12
108-88-3	Toluene	20.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.10
108-10-1	4-Methyl-2-pentanone	23.2		10	0.20
10061-01-5	cis-1,3-Dichloropropene	21.0		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-123008/3
Matrix: Solid
Lab File ID: o63144.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/07/2012 19:09
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123008
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	20.8		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.16
106-46-7	1,4-Dichlorobenzene	20.8		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	21.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	21.1		1.0	0.16
78-87-5	1,2-Dichloropropane	20.1		1.0	0.15
108-87-2	Methylcyclohexane	20.1		1.0	0.10
127-18-4	Tetrachloroethene	19.7		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	23.5		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	22.2		1.0	0.090
79-00-5	1,1,2-Trichloroethane	21.2		1.0	0.14
124-48-1	Dibromochloromethane	20.6		1.0	0.10
106-93-4	1,2-Dibromoethane	21.1		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.4		1.0	0.22
74-97-5	Bromochloromethane	18.5		1.0	0.11
75-27-4	Bromodichloromethane	19.5		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63144.d
Report Date: 07-Aug-2012 19:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63144.d
Lab Smp Id: LCS
Inj Date : 07-AUG-2012 19:09
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	68200	16.4155	16
1 Chloromethane	50	1.002	0.995	(0.270)	74292	15.1163	15
4 Vinyl Chloride	62	1.009	1.009	(0.272)	73609	16.6866	17
3 Bromomethane	94	1.166	1.167	(0.314)	44693	17.1752	17
5 Chloroethane	64	1.217	1.217	(0.328)	48947	21.8917	22
9 Trichlorofluoromethane	101	1.346	1.339	(0.363)	108082	17.8210	18
121 n-Pentane	72	1.381	1.382	(0.372)	28591	31.9742	32
127 Ethanol	46	1.460	1.460	(0.394)	54247	3042.50	3000
46 Ethyl Ether	59	1.496	1.496	(0.403)	51971	18.6665	19
119 Isoprene	67	1.503	1.503	(0.405)	103842	18.7612	19
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	137964	19.4777	19
47 Acrolein	56	1.568	1.568	(0.423)	128439	293.542	290
10 1,1-Dichloroethene	96	1.618	1.611	(0.436)	56736	17.8184	18
48 Freon TF	101	1.618	1.618	(0.436)	77580	19.1919	19

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63144.d
Report Date: 07-Aug-2012 19:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.654	(0.448)	19299	24.0061	24
142 Iodomethane	142	1.704	1.704	(0.459)	84178	17.3593	17
8 Carbon Disulfide	76	1.732	1.733	(0.467)	200553	17.6880	18
50 Acetonitrile	41	1.825	1.819	(0.492)	356432	451.368	450
125 Methyl acetate	74	1.847	1.840	(0.498)	13883	22.7793	23
6 Methylene Chloride	84	1.897	1.897	(0.511)	71106	20.7501	21
51 TBA	59	1.990	1.983	(0.537)	135750	398.233	400
52 Acrylonitrile	53	2.055	2.055	(0.554)	161656	144.978	140
12 trans-1,2-Dichloroethene	96	2.062	2.055	(0.556)	73230	18.5302	18
53 MTBE	73	2.062	2.062	(0.556)	185268	20.8555	21
54 Hexane	56	2.227	2.227	(0.600)	56226	18.3919	18
11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	130194	19.2111	19
57 Vinyl Acetate	43	2.384	2.377	(0.643)	316617	40.5148	40
55 DIPE	45	2.384	2.384	(0.643)	239456	21.3882	21
149 tert-Butyl ethyl ether	59	2.649	2.642	(0.714)	199900	21.1036	21
104 2,2-Dichloropropane	77	2.742	2.743	(0.739)	107350	18.1210	18
13 cis-1,2-Dichloroethene	96	2.749	2.750	(0.741)	86420	20.0898	20
18 2-Butanone	72	2.778	2.778	(0.749)	8162	22.0333	22
56 Ethyl Acetate	70	2.828	2.821	(0.762)	13129	47.8118	48
108 Bromochloromethane	128	2.929	2.929	(0.790)	35992	18.4723	18
160 Tetrahydrofuran	42	2.972	2.972	(0.801)	26065	26.5525	26(R)
15 Chloroform	83	3.000	3.000	(0.809)	124101	18.8209	19
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	110227	19.2333	19
59 Cyclohexane	56	3.165	3.165	(0.853)	140843	19.1092	19
21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	88302	18.4870	18
92 1,1-Dichloropropene	75	3.272	3.265	(0.882)	107312	19.3133	19
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	97477	45.1888	45
28 Benzene	78	3.444	3.445	(0.929)	300921	20.2415	20
17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	76643	18.0734	18
61 Isopropyl Acetate	43	3.566	3.566	(0.961)	277727	46.7693	47
140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	178545	22.2528	22
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	525005	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.017	4.010	(1.083)	60162	41.9121	42
25 Trichloroethene	95	4.053	4.053	(1.093)	75364	20.0331	20
63 n-Butanol	43	4.082	4.075	(1.100)	74326	1658.55	1600
96 Ethyl Acrylate	85	4.218	4.218	(1.137)	3642	23.3570	23
126 Methyl cyclohexane	83	4.225	4.225	(1.139)	143943	20.0902	20
23 1,2-Dichloropropane	63	4.282	4.283	(1.154)	70158	20.0650	20
109 Dibromomethane	93	4.397	4.397	(1.185)	37242	19.4226	19
95 1,4-Dioxane	88	4.461	4.447	(1.203)	7178	177.427	180
146 Methyl methacrylate	69	4.454	4.455	(1.201)	44914	23.3225	23(R)
64 Propyl Acetate	43	4.540	4.533	(1.224)	83451	43.4842	43
22 Bromodichloromethane	83	4.590	4.583	(1.238)	86654	19.5212	20
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	45367	25.6914	26(R)
159 2-Nitropropane	41	5.013	5.006	(1.351)	4951		(a)
118 Epichlorohydrin	57	5.013	5.013	(1.351)	131463	458.688	460
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	109140	20.9544	21

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63144.d
Report Date: 07-Aug-2012 19:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	58753	23.1880	23
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	400346	49.7170	50
38 Toluene	91	5.464	5.465	(0.752)	333647	20.1499	20
29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	90842	18.6421	19
27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	47318	21.1972	21
35 Tetrachloroethene	166	6.130	6.131	(0.843)	89828	19.6992	20
103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	100737	21.2413	21
34 2-Hexanone	43	6.388	6.389	(0.879)	42518	24.2990	24
26 Dibromochloromethane	129	6.496	6.496	(0.894)	63360	20.6336	21
65 Butyl Acetate	43	6.610	6.603	(0.909)	183845	42.4892	42
66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	56473	21.0512	21
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	397007	50.0000	
39 Chlorobenzene	112	7.312	7.313	(1.006)	211401	20.4989	20
97 1,1,1,2-Tetrachloroethane	131	7.463	7.456	(1.027)	67997	18.3255	18
40 Ethylbenzene	106	7.513	7.513	(1.034)	116877	20.4673	20
43 m+p-Xylene	106	7.692	7.692	(1.058)	293472	41.3648	41
44 o-Xylene	106	8.272	8.272	(1.138)	148224	21.1548	21
42 Styrene	104	8.301	8.301	(1.142)	242794	21.0289	21
147 Butyl Acrylate	55	8.380	8.373	(0.766)	116921	21.6810	22
31 Bromoform	173	8.537	8.537	(1.174)	41124	18.5953	18
145 Amyl Acetate	43	8.766	8.767	(1.206)	59389	21.4034	21
110 Isopropylbenzene	105	8.867	8.867	(1.220)	384873	20.3781	20
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	161113	51.3283	51
150 Camphene	41	9.196	9.204	(0.841)	29946	19.6250	20
107 Bromobenzene	156	9.254	9.254	(0.846)	93720	20.6795	21
36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	74977	22.2489	22
99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	22661	22.1219	22
143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	21315	22.4523	22
112 n-Propylbenzene	91	9.526	9.526	(0.871)	463856	21.0246	21
105 2-Chlorotoluene	91	9.597	9.598	(0.878)	254654	20.6343	21
161 4-Ethyltoluene	105	9.726	9.727	(2.622)	404928	21.0947	21
106 4-Chlorotoluene	91	9.784	9.784	(0.895)	266217	21.0603	21
102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	314897	20.7697	21
148 Butyl methacrylate	69	10.142	10.142	(0.927)	100642	18.9127	19
115 tert-Butylbenzene	119	10.349	10.350	(0.946)	288431	20.5465	20
100 1,2,4-Trimethylbenzene	105	10.435	10.436	(0.954)	315276	20.7345	21
114 sec-Butylbenzene	105	10.715	10.715	(0.980)	433240	20.3793	20
67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	186504	20.6440	21
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	224061	50.0000	
68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	187147	20.8237	21
113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	362640	20.5786	20
117 Benzyl chloride	91	11.238	11.238	(1.028)	130268	18.1941	18
69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	174920	20.7504	21
162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	240972	20.8460	21
111 n-Butylbenzene	91	11.603	11.603	(1.061)	408563	20.7381	21
101 1,2-Dibromo-3-chloropropane	75	12.484	12.477	(1.141)	17727	23.5123	24
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.368)	361815	21.3285	21

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63144.d
Report Date: 07-Aug-2012 19:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	50845	134.090	130
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	149137	21.5684	22
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	88115	20.1150	20
	70 Naphthalene	128	13.473	13.473	(1.232)	306985	22.8217	23
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.252)	132045	21.1133	21
M	14 1,2-Dichloroethene (total)	100				159651	38.6200	39
M	45 Xylene (Total)	100				441697	62.5156	62

QC Flag Legend

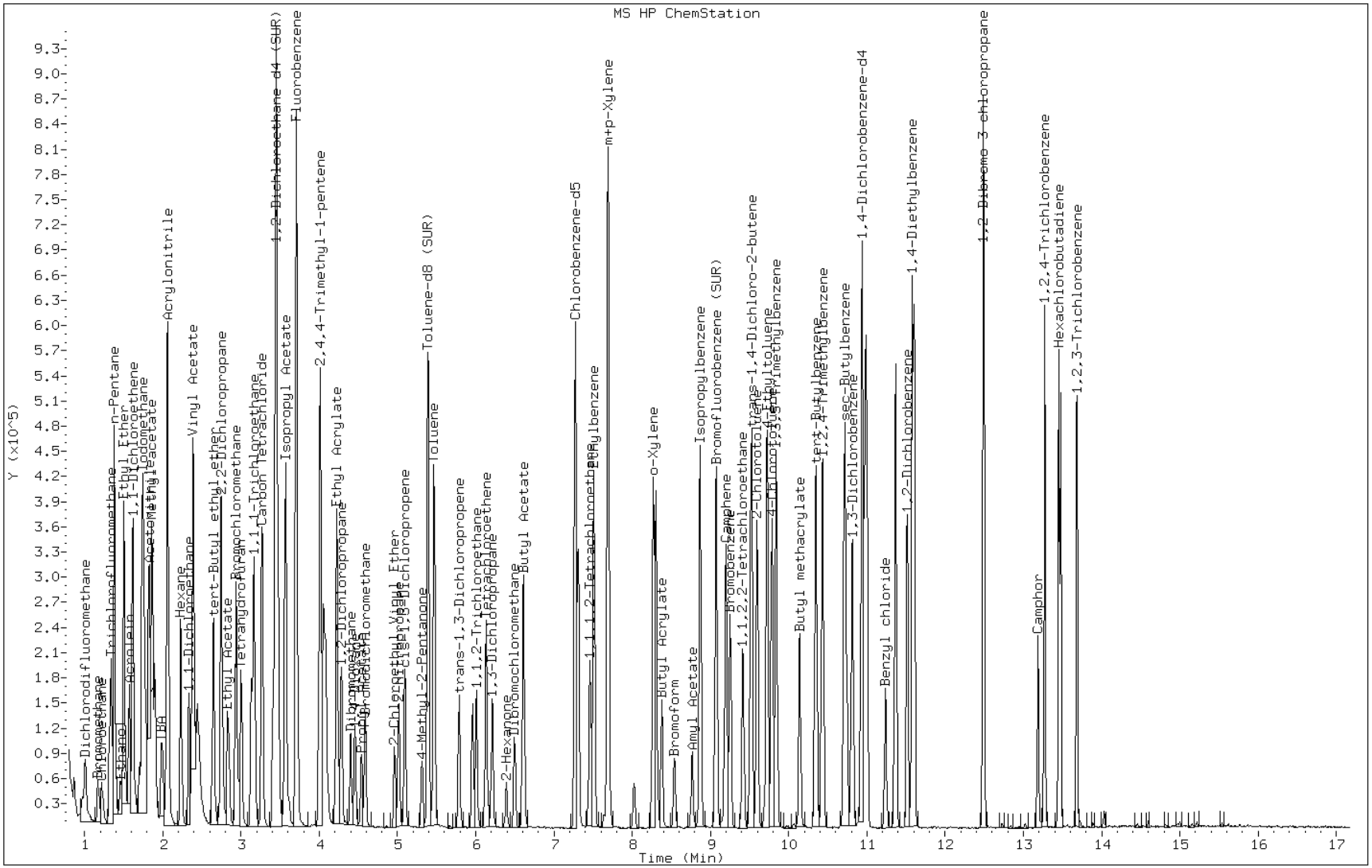
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o63144.d

Date: 07-AUG-2012 19:09

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-123251/3

Matrix: Solid | Lab File ID: d23211.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 08/09/2012 10:21

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2790		100	9.7
74-83-9	Bromomethane	2770		100	18
75-01-4	Vinyl chloride	2360		100	14
75-00-3	Chloroethane	2860		100	17
75-09-2	Methylene Chloride	2140		100	18
67-64-1	Acetone	1870		500	270
75-15-0	Carbon disulfide	1920		100	13
75-69-4	Trichlorofluoromethane	2410		100	15
75-35-4	1,1-Dichloroethene	2290		100	8.8
75-34-3	1,1-Dichloroethane	2330		100	13
156-60-5	trans-1,2-Dichloroethene	2110		100	13
156-59-2	cis-1,2-Dichloroethene	2220		100	18
67-66-3	Chloroform	2200		100	7.9
78-93-3	2-Butanone	2670		500	230
107-06-2	1,2-Dichloroethane	2220		100	19
71-55-6	1,1,1-Trichloroethane	2260		100	6.2
56-23-5	Carbon tetrachloride	2220		100	5.7
71-43-2	Benzene	2360		100	8.3
75-25-2	Bromoform	2040		100	19
100-42-5	Styrene	2210		100	12
179601-23-1	m&p-Xylene	4410		200	25
95-47-6	o-Xylene	2290		100	13
100-41-4	Ethylbenzene	2240		100	9.6
108-90-7	Chlorobenzene	2160		100	11
110-82-7	Cyclohexane	2540		100	16
98-82-8	Isopropylbenzene	2310		100	7.7
591-78-6	2-Hexanone	2030		500	50
1634-04-4	MTBE	2180		100	14
76-13-1	Freon TF	1520		100	8.2
79-20-9	Methyl acetate	2290		200	34
123-91-1	1,4-Dioxane	11900		5000	3600
79-01-6	Trichloroethene	2190		100	9.2
108-88-3	Toluene	2190		100	15
10061-02-6	trans-1,3-Dichloropropene	2280		100	24
108-10-1	4-Methyl-2-pentanone	2400		500	99
10061-01-5	cis-1,3-Dichloropropene	2250		100	18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-123251/3

Matrix: Solid | Lab File ID: d23211.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 08/09/2012 10:21

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	2150		100	21
541-73-1	1,3-Dichlorobenzene	2210		100	14
106-46-7	1,4-Dichlorobenzene	2160		100	23
120-82-1	1,2,4-Trichlorobenzene	2260		100	34
87-61-6	1,2,3-Trichlorobenzene	2500		100	51
78-87-5	1,2-Dichloropropane	2310		100	8.6
108-87-2	Methylcyclohexane	1990		100	14
127-18-4	Tetrachloroethene	2150		100	9.7
96-12-8	1,2-Dibromo-3-Chloropropane	2260		100	40
79-34-5	1,1,2,2-Tetrachloroethane	2370		100	16
79-00-5	1,1,2-Trichloroethane	2240		100	19
124-48-1	Dibromochloromethane	2190		100	20
106-93-4	1,2-Dibromoethane	2270		100	28
75-71-8	Dichlorodifluoromethane	2440		100	22
74-97-5	Bromochloromethane	2170		100	27
75-27-4	Bromodichloromethane	2220		100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-135
2037-26-5	Toluene-d8 (Surr)	107		59-150
460-00-4	Bromofluorobenzene	105		72-133

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23211.d
Report Date: 09-Aug-2012 10:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23211.d
Lab Smp Id: LCS
Inj Date : 09-AUG-2012 10:21
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/8260_09.m
Meth Date : 09-Aug-2012 10:17 desais Quant Type: ISTD
Cal Date : 08-AUG-2012 00:00 Cal File: d23157.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.210	1.216	(0.263)	70741	24.3596	2400
3 Chloromethane	50	1.375	1.375	(0.299)	116120	27.8747	2800
4 Vinyl Chloride	62	1.381	1.375	(0.300)	87882	23.5902	2400
6 Bromomethane	94	1.599	1.604	(0.348)	87542	27.6507	2800
5 Chloroethane	64	1.681	1.681	(0.366)	47453	28.6466	2900
7 Trichlorofluoromethane	101	1.769	1.763	(0.385)	82060	24.0918	2400
8 n-Pentane	72	1.763	1.757	(0.383)	17989	47.7337	4800(R)
9 Ethanol	46	2.104	2.104	(0.458)	53709	2395.41	240000
10 Isoprene	67	1.963	1.957	(0.427)	111253	23.7790	2400
11 Ethyl Ether	59	1.981	1.975	(0.431)	85340	22.6035	2300
182 Dichlorofluoromethane	67	1.816	1.810	(0.395)	109327	21.5573	2200
13 Acrolein	56	2.334	2.334	(0.508)	32008	49.1848	4900
15 1,1-Dichloroethene	96	2.099	2.093	(0.456)	60734	22.8774	2300
14 Freon TF	101	2.140	2.128	(0.465)	35394	15.2292	1500

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23211.d
Report Date: 09-Aug-2012 10:24

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
16 Acetone	58	2.551	2.540	(0.555)	8837	18.6665	1900
17 Iodomethane	142	2.193	2.193	(0.477)	127036	18.8669	1900
18 Carbon Disulfide	76	2.116	2.116	(0.460)	174373	19.2082	1900
19 Isopropanol	45	2.487	2.487	(0.541)	879775	3422.03	340000
20 Allyl Chloride	76	2.428	2.422	(0.528)	57980	23.6882	2400
21 Acetonitrile	39	2.881	2.875	(0.626)	26607	297.044	30000
170 Cyclopentene	67	2.304	2.298	(0.501)	222530	24.1432	2400
27 Methyl Acetate	43	2.640	2.634	(0.574)	184295	22.8771	2300
22 Methylene Chloride	84	2.504	2.498	(0.545)	86560	21.4418	2100
24 TBA	59	2.804	2.810	(0.610)	169170	457.243	46000
25 trans-1,2-Dichloroethene	96	2.616	2.610	(0.569)	90776	21.0831	2100
26 Acrylonitrile	53	3.116	3.110	(0.678)	44262	28.4696	2800
28 MTBE	73	2.704	2.710	(0.588)	157833	21.7561	2200
29 Hexane	56	2.663	2.663	(0.579)	52914	24.6715	2500
30 1,1-Dichloroethane	63	3.063	3.063	(0.666)	157518	23.3431	2300
31 Vinyl Acetate	43	3.275	3.269	(0.712)	348221	24.2462	2400
32 DIPE	45	2.993	2.992	(0.651)	274084	26.0065	2600
35 t-Butyl-ethyl-ether	87	3.269	3.269	(0.711)	87414	29.9255	3000
37 2,2-Dichloropropane	77	3.575	3.575	(0.777)	83098	22.2004	2200
36 cis-1,2-Dichloroethene	96	3.487	3.487	(0.758)	104813	22.1955	2200
38 2-Butanone	72	3.993	3.981	(0.868)	17854	26.6741	2700
39 Ethyl Acetate	70	3.840	3.834	(0.835)	21195	43.6730	4400
40 Bromochloromethane	128	3.646	3.645	(0.793)	55668	21.6660	2200
41 Tetrahydrofuran	42	3.840	3.845	(0.835)	48144	25.2181	2500
42 Chloroform	83	3.722	3.722	(0.809)	161457	21.9623	2200
43 1,1,1-Trichloroethane	97	3.881	3.887	(0.844)	109687	22.5507	2200
44 Cyclohexane	56	3.646	3.640	(0.793)	94259	25.4043	2500
45 Carbon Tetrachloride	117	3.822	3.822	(0.831)	103430	22.2165	2200
46 1,1-Dichloropropene	75	3.987	3.981	(0.867)	108603	20.7881	2100
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.334	4.328	(0.942)	180464	52.0408	5200
48 Benzene	78	4.204	4.204	(0.530)	342779	23.5880	2400
173 Propionitrile	54	4.245	4.239	(0.923)	27336	47.6439	4800
49 1,2-Dichloroethane	62	4.393	4.392	(0.955)	110555	22.2202	2200
174 Methacrylonitrile	67	4.257	4.257	(0.926)	78060	22.0545	2200
51 n-Heptane	57	4.198	4.198	(0.913)	42168	22.8544	2300
50 t-Amyl-methyl-ether	73	4.340	4.339	(0.944)	222233	23.2108	2300
181 Isobutyl Alcohol	43	4.487	4.481	(0.976)	606809	3605.34	360000
61 Isopropyl Acetate	43	4.681	4.681	(1.018)	357554	47.9048	4800
* 52 Fluorobenzene	96	4.598	4.598	(1.000)	713641	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	4.640	4.639	(1.009)	36094	34.1267	3400
54 Trichloroethene	95	4.763	4.757	(1.036)	89283	21.9093	2200
53 n-Butanol	41	5.192	5.181	(1.129)	95869	1730.08	170000
56 Methyl cyclohexane	83	4.745	4.745	(1.032)	118738	19.8739	2000
55 Ethyl Acrylate	55	5.363	5.363	(1.166)	101285	22.0157	2200
57 1,2-Dichloropropane	63	5.281	5.281	(1.148)	86319	23.0732	2300
58 Dibromomethane	93	5.175	5.175	(1.125)	57532	21.6049	2200
60 1,4-Dioxane	88	5.592	5.598	(1.216)	5586	119.172	12000

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23211.d
Report Date: 09-Aug-2012 10:24

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
59 Methyl Methacrylate	100	5.587	5.581	(1.215)	25503	21.2322	2100
75 Propyl Acetate	43	5.751	5.757	(1.251)	111683	46.7617	4700
68 Bromodichloromethane	83	5.369	5.369	(1.168)	112742	22.1918	2200
180 2-Nitropropane	43	6.039	6.039	(1.313)	19986	25.3696	2500(A)
62 2-Chloroethyl Vinyl Ether	63	6.045	6.039	(1.315)	29719	12.6072	1300
63 Epichlorohydrin	57	6.381	6.375	(0.804)	166864	468.273	47000
67 cis-1,3-Dichloropropene	75	6.075	6.075	(0.765)	124975	22.5384	2200
70 4-Methyl-2-Pentanone	43	6.845	6.845	(0.862)	82112	24.0037	2400
$ 65 Toluene-d8 (SUR)	98	6.287	6.286	(0.792)	550383	53.3892	5300
66 Toluene	91	6.345	6.345	(0.799)	346004	21.8874	2200
64 trans-1,3-Dichloropropene	75	6.869	6.869	(0.865)	110338	22.7741	2300
69 1,1,2-Trichloroethane	83	7.039	7.033	(0.887)	62594	22.3615	2200
71 Tetrachloroethene	166	6.792	6.786	(0.856)	90134	21.5163	2200
175 Ethyl methacrylate	69	7.104	7.104	(1.545)	103950	20.9981	2100
72 1,3-Dichloropropane	76	7.310	7.310	(0.921)	122281	23.1589	2300
73 2-Hexanone	43	7.728	7.727	(0.973)	47808	20.2868	2000
74 Dibromochloromethane	129	7.210	7.210	(0.908)	87914	21.9322	2200
76 Butyl Acetate	73	7.675	7.675	(0.967)	45620	46.1441	4600
77 1,2-Dibromoethane	107	7.422	7.422	(0.935)	79360	22.7138	2300
* 78 Chlorobenzene-d5	117	7.939	7.933	(1.000)	472233	50.0000	
79 Chlorobenzene	112	7.951	7.951	(1.001)	221274	21.5676	2200
80 1,1,1,2-Tetrachloroethane	131	8.028	8.027	(1.011)	87434	21.8063	2200
81 Ethylbenzene	106	8.004	8.004	(1.008)	114987	22.3668	2200
82 m+p-Xylene	106	8.145	8.145	(1.026)	281068	44.0512	4400
84 o-Xylene	106	8.510	8.510	(1.072)	147612	22.9342	2300
85 Styrene	104	8.557	8.557	(1.078)	230568	22.1218	2200
83 Butyl Acrylate	73	8.716	8.722	(1.098)	61478	24.1843	2400(R)
86 Bromoform	173	8.557	8.557	(1.078)	62068	20.3990	2000
87 Amyl Acetate	43	8.933	8.939	(0.907)	144021	43.3657	4300(R)
88 Isopropylbenzene	105	8.786	8.780	(1.107)	387463	23.1137	2300
$ 89 Bromofluorobenzene (SUR)	174	8.992	8.992	(0.913)	224004	52.3689	5200
90 Camphene (total)	41	8.857	8.857	(1.116)	29292	27.7668	2800
91 Bromobenzene	156	9.063	9.063	(0.920)	101663	21.2826	2100
92 1,1,2,2-Tetrachloroethane	83	9.186	9.186	(0.933)	99765	23.7500	2400
93 1,2,3-Trichloropropane	110	9.275	9.274	(0.941)	30338	22.9629	2300
94 trans-1,4-Dichloro-2-butene	53	9.322	9.321	(0.946)	21120	21.1662	2100
95 n-Propylbenzene	91	9.116	9.116	(0.925)	429468	21.1670	2100
96 2-Chlorotoluene	91	9.222	9.221	(0.936)	295176	22.6164	2300
183 4-Ethyltoluene	105	9.210	9.210	(2.003)	381029	22.0191	2200
97 1,3,5-Trimethylbenzene	105	9.280	9.280	(0.942)	309119	22.5056	2200
98 4-Chlorotoluene	91	9.351	9.351	(0.949)	254377	22.4312	2200
99 Butyl Methacrylate	87	9.539	9.539	(0.968)	108623	20.5406	2000
100 tert-Butylbenzene	119	9.516	9.516	(0.966)	262848	20.0199	2000
101 1,2,4-Trimethylbenzene	105	9.575	9.574	(0.972)	325126	22.9918	2300
103 sec-Butylbenzene	105	9.651	9.651	(0.980)	390367	20.6512	2100
105 1,3-Dichlorobenzene	146	9.792	9.792	(0.994)	187483	22.1093	2200
107 p-Isopropyltoluene	119	9.769	9.769	(0.992)	343101	20.9956	2100

Data File: /chem/VOAMS4.i/8260_09/08-07-12/09aug12.b/d23211.d
Report Date: 09-Aug-2012 10:24

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 108 1,4-Dichlorobenzene-d4	152	9.851	9.851	(1.000)	241996	50.0000	
109 1,4-Dichlorobenzene	146	9.863	9.863	(1.001)	188783	21.6278	2200
110 Benzyl Chloride	126	10.057	10.057	(1.021)	35580	21.1178	2100
184 1,4-Diethylbenzene	119	10.033	10.033	(2.182)	192074	19.9029	2000
106 n-Butylbenzene	91	10.075	10.074	(1.023)	503742	19.7904	2000
171 Indan	117	9.986	9.986	(2.172)	321186	19.9098	2000
111 1,2-Dichlorobenzene	146	10.169	10.168	(1.032)	181576	21.5166	2200
186 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	(2.309)	304454	20.1100	2000
112 1,2-Dibromo-3-chloropropane	75	10.745	10.745	(1.091)	14884	22.5834	2200
114 1,2,4-Trichlorobenzene	180	11.216	11.215	(1.139)	125296	22.5593	2200
115 Hexachlorobutadiene	225	11.204	11.204	(1.137)	53907	19.8003	2000
116 Naphthalene	128	11.445	11.445	(1.162)	295750	26.1290	2600
117 1,2,3-Trichlorobenzene	180	11.586	11.586	(1.176)	109422	25.0284	2500
M 120 1,2-Dichloroethene (Total)	100				195589	43.2786	4300
M 121 Xylene (Total)	100				428681	66.9853	6700

QC Flag Legend

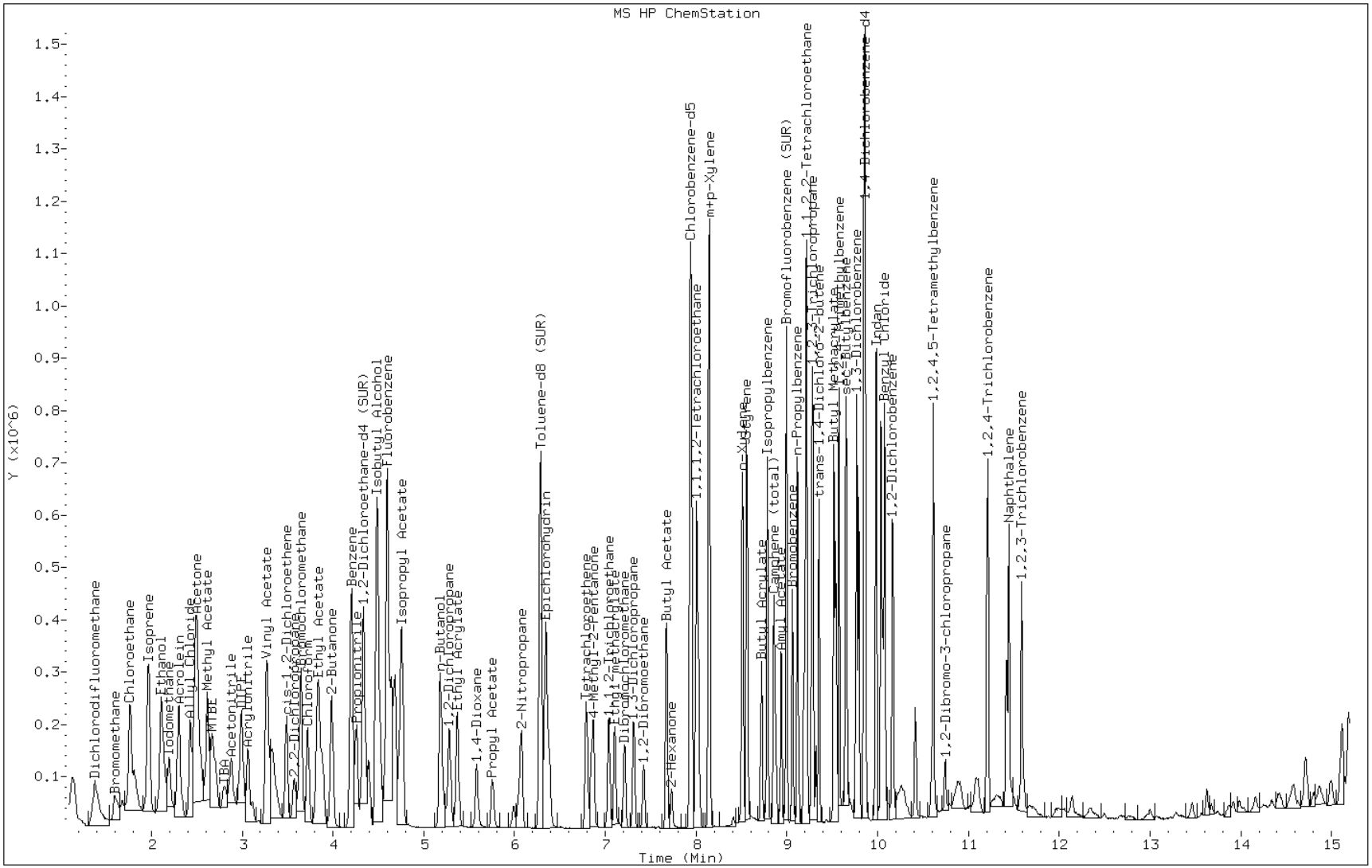
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: d23211.d

Date: 09-AUG-2012 10:21

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-123371/3

Matrix: Solid | Lab File ID: o63239.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/09/2012 19:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.8		1.0	0.16
74-83-9	Bromomethane	20.2		1.0	0.43
75-01-4	Vinyl chloride	18.5		1.0	0.34
75-00-3	Chloroethane	21.0		1.0	0.33
75-09-2	Methylene Chloride	20.3		1.0	0.15
67-64-1	Acetone	22.8		10	1.7
75-15-0	Carbon disulfide	14.8		1.0	0.15
75-69-4	Trichlorofluoromethane	18.7		1.0	0.16
75-35-4	1,1-Dichloroethene	16.1		1.0	0.19
75-34-3	1,1-Dichloroethane	18.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.11
67-66-3	Chloroform	18.9		1.0	0.24
78-93-3	2-Butanone	21.3		10	0.63
107-06-2	1,2-Dichloroethane	18.6		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.13
56-23-5	Carbon tetrachloride	17.8		1.0	0.15
71-43-2	Benzene	19.6		1.0	0.15
75-25-2	Bromoform	19.2		1.0	0.17
100-42-5	Styrene	20.2		1.0	0.28
179601-23-1	m&p-Xylene	38.7		2.0	0.59
95-47-6	o-Xylene	19.5		1.0	0.19
100-41-4	Ethylbenzene	19.1		1.0	0.17
108-90-7	Chlorobenzene	19.7		1.0	0.18
110-82-7	Cyclohexane	17.1		1.0	0.13
98-82-8	Isopropylbenzene	19.3		1.0	0.11
591-78-6	2-Hexanone	21.7		10	0.13
1634-04-4	MTBE	21.2		1.0	0.11
76-13-1	Freon TF	18.1		1.0	0.11
79-20-9	Methyl acetate	22.6		1.0	0.32
123-91-1	1,4-Dioxane	152		50	13
79-01-6	Trichloroethene	19.1		1.0	0.12
108-88-3	Toluene	19.2		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.10
108-10-1	4-Methyl-2-pentanone	22.3		10	0.20
10061-01-5	cis-1,3-Dichloropropene	21.4		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-123371/3
Matrix: Solid
Lab File ID: o63239.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/09/2012 19:58
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123371
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.3		1.0	0.16
106-46-7	1,4-Dichlorobenzene	20.4		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.2		1.0	0.16
78-87-5	1,2-Dichloropropane	20.2		1.0	0.15
108-87-2	Methylcyclohexane	18.6		1.0	0.10
127-18-4	Tetrachloroethene	18.2		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	21.6		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	22.4		1.0	0.090
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.14
124-48-1	Dibromochloromethane	21.1		1.0	0.10
106-93-4	1,2-Dibromoethane	20.9		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.3		1.0	0.22
74-97-5	Bromochloromethane	19.0		1.0	0.11
75-27-4	Bromodichloromethane	20.1		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	105		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63239.d
Report Date: 10-Aug-2012 07:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63239.d
Lab Smp Id: LCS
Inj Date : 09-AUG-2012 19:58
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/8260L_10.m
Meth Date : 09-Aug-2012 21:27 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	70142	16.2730	16
1 Chloromethane	50	0.988	0.995	(0.266)	85424	16.7535	17
4 Vinyl Chloride	62	1.009	1.009	(0.272)	84682	18.5032	18
3 Bromomethane	94	1.167	1.167	(0.314)	54406	20.1523	20
5 Chloroethane	64	1.217	1.217	(0.328)	48669	20.9809	21
9 Trichlorofluoromethane	101	1.338	1.339	(0.361)	117456	18.6670	19
121 n-Pentane	72	1.381	1.382	(0.372)	28203	30.4007	30
127 Ethanol	46	1.460	1.467	(0.394)	52973	2863.73	2900
46 Ethyl Ether	59	1.496	1.496	(0.403)	54556	18.8871	19
119 Isoprene	67	1.503	1.503	(0.405)	98870	17.2176	17
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	133421	18.1558	18
47 Acrolein	56	1.568	1.568	(0.423)	121521	267.699	270
10 1,1-Dichloroethene	96	1.618	1.618	(0.436)	53218	16.1098	16
48 Freon TF	101	1.618	1.618	(0.436)	76084	18.1418	18

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63239.d
Report Date: 10-Aug-2012 07:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.661	(0.448)	19005	22.7852	23
142 Iodomethane	142	1.704	1.704	(0.459)	84741	16.8440	17
8 Carbon Disulfide	76	1.732	1.733	(0.467)	173998	14.7917	15
50 Acetonitrile	41	1.818	1.818	(0.490)	348138	424.940	420
125 Methyl acetate	74	1.847	1.840	(0.498)	14317	22.6427	23
6 Methylene Chloride	84	1.897	1.897	(0.511)	72280	20.3306	20
51 TBA	59	1.983	1.990	(0.535)	132146	373.657	370
52 Acrylonitrile	53	2.055	2.055	(0.554)	156562	135.338	140
12 trans-1,2-Dichloroethene	96	2.062	2.055	(0.556)	71191	17.3634	17
53 MTBE	73	2.062	2.062	(0.556)	195656	21.2293	21
54 Hexane	56	2.227	2.227	(0.600)	50382	15.8848	16
11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	130196	18.5174	18
57 Vinyl Acetate	43	2.384	2.377	(0.643)	338119	41.7032	42
55 DIPE	45	2.384	2.384	(0.643)	251563	21.6579	22
149 tert-Butyl ethyl ether	59	2.649	2.642	(0.714)	211223	21.4935	21
104 2,2-Dichloropropane	77	2.742	2.743	(0.739)	104836	17.0573	17
13 cis-1,2-Dichloroethene	96	2.750	2.750	(0.741)	84762	18.9925	19
18 2-Butanone	72	2.778	2.778	(0.749)	8203	21.3436	21
56 Ethyl Acetate	70	2.828	2.828	(0.762)	12589	44.1868	44
108 Bromochloromethane	128	2.929	2.929	(0.790)	38398	18.9952	19
160 Tetrahydrofuran	42	2.972	2.972	(0.801)	25542	25.0796	25(R)
15 Chloroform	83	3.000	3.000	(0.809)	129285	18.8987	19
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	108472	18.2434	18
59 Cyclohexane	56	3.165	3.165	(0.853)	131066	17.1403	17
21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	88343	17.8274	18
92 1,1-Dichloropropene	75	3.273	3.265	(0.882)	104918	18.2003	18
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	103993	46.4680	46
28 Benzene	78	3.444	3.444	(0.929)	302490	19.6120	20
17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	81992	18.6363	19
61 Isopropyl Acetate	43	3.566	3.566	(0.961)	286817	46.5554	46
140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	188773	22.6777	23
* 69 Fluorobenzene	96	3.709	3.710	(1.000)	544680	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	60381	40.5451	40
25 Trichloroethene	95	4.053	4.053	(1.093)	74385	19.0585	19
63 n-Butanol	43	4.082	4.082	(1.100)	75741	1629.07	1600
96 Ethyl Acrylate	85	4.218	4.218	(1.137)	4081	25.2248	25(R)
126 Methyl cyclohexane	83	4.225	4.225	(1.139)	138047	18.5712	18
23 1,2-Dichloropropane	63	4.282	4.283	(1.154)	73323	20.2125	20
109 Dibromomethane	93	4.404	4.397	(1.187)	38033	19.1186	19
95 1,4-Dioxane	88	4.454	4.454	(1.201)	6372	151.795	150
146 Methyl methacrylate	69	4.454	4.454	(1.201)	43706	21.8752	22
64 Propyl Acetate	43	4.540	4.533	(1.224)	86372	43.3804	43
22 Bromodichloromethane	83	4.591	4.591	(1.238)	92735	20.1364	20
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	47186	25.7557	26(R)
159 2-Nitropropane	41	5.013	5.013	(1.351)	5515		(a)
118 Epichlorohydrin	57	5.013	5.013	(1.351)	129724	436.269	440
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	115406	21.3570	21

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63239.d
Report Date: 10-Aug-2012 07:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	58714	22.3354	22
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	432476	50.6622	51
38 Toluene	91	5.464	5.464	(0.752)	337209	19.2105	19
29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	93605	18.1200	18
27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	49641	20.9771	21
35 Tetrachloroethene	166	6.131	6.138	(0.843)	87761	18.1548	18
103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	105632	21.0106	21
34 2-Hexanone	43	6.388	6.388	(0.879)	40315	21.7337	22
26 Dibromochloromethane	129	6.496	6.496	(0.894)	68793	21.1326	21
65 Butyl Acetate	43	6.610	6.603	(0.909)	191860	41.8276	42
66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	59478	20.9142	21
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	420867	50.0000	
39 Chlorobenzene	112	7.312	7.313	(1.006)	215258	19.6895	20
97 1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.027)	71967	18.2957	18
40 Ethylbenzene	106	7.506	7.513	(1.033)	115339	19.0528	19
43 m+p-Xylene	106	7.692	7.692	(1.058)	291088	38.7026	39
44 o-Xylene	106	8.272	8.272	(1.138)	144834	19.4990	19
42 Styrene	104	8.301	8.301	(1.142)	247287	20.2037	20
147 Butyl Acrylate	55	8.380	8.380	(0.766)	123744	21.8665	22
31 Bromoform	173	8.537	8.537	(1.174)	45090	19.2304	19
145 Amyl Acetate	43	8.767	8.767	(1.206)	62918	21.3896	21
110 Isopropylbenzene	105	8.867	8.867	(1.220)	386511	19.3046	19
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	173644	52.7176	53
150 Camphene	41	9.196	9.196	(0.841)	30536	19.0698	19
107 Bromobenzene	156	9.254	9.254	(0.846)	94773	19.9279	20
36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	79111	22.3711	22
99 1,2,3-Trichloropropane	110	9.418	9.426	(0.861)	22845	21.2519	21
143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	21703	22.0351	22
112 n-Propylbenzene	91	9.526	9.526	(0.871)	460496	19.8903	20
105 2-Chlorotoluene	91	9.597	9.598	(0.878)	259687	20.0520	20
161 4-Ethyltoluene	105	9.726	9.726	(2.622)	402964	20.2340	20
106 4-Chlorotoluene	91	9.784	9.784	(0.895)	265622	20.0245	20
102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	309482	19.4521	19
148 Butyl methacrylate	69	10.142	10.142	(0.927)	107419	19.2364	19
115 tert-Butylbenzene	119	10.350	10.350	(0.946)	286094	19.4211	19
100 1,2,4-Trimethylbenzene	105	10.436	10.436	(0.954)	319911	20.0494	20
114 sec-Butylbenzene	105	10.715	10.715	(0.980)	430903	19.3157	19
67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	192148	20.2680	20
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	235124	50.0000	
68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	192490	20.4105	20
113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	364614	19.7171	20
117 Benzyl chloride	91	11.238	11.238	(1.028)	138265	18.4023	18
69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	182204	20.5974	20
162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	241077	20.1017	20
111 n-Butylbenzene	91	11.603	11.603	(1.061)	399168	19.3079	19
101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	17066	21.5694	22
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	364322	20.7005	21

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63239.d
Report Date: 10-Aug-2012 07:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	45689	114.821	110
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	149360	20.5843	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	86551	18.8284	19
	70 Naphthalene	128	13.473	13.473	(1.232)	299916	21.2471	21
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	132290	20.1572	20
M	14 1,2-Dichloroethene (total)	100				155953	36.3559	36
M	45 Xylene (Total)	100				435922	58.2004	58

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o63239.d

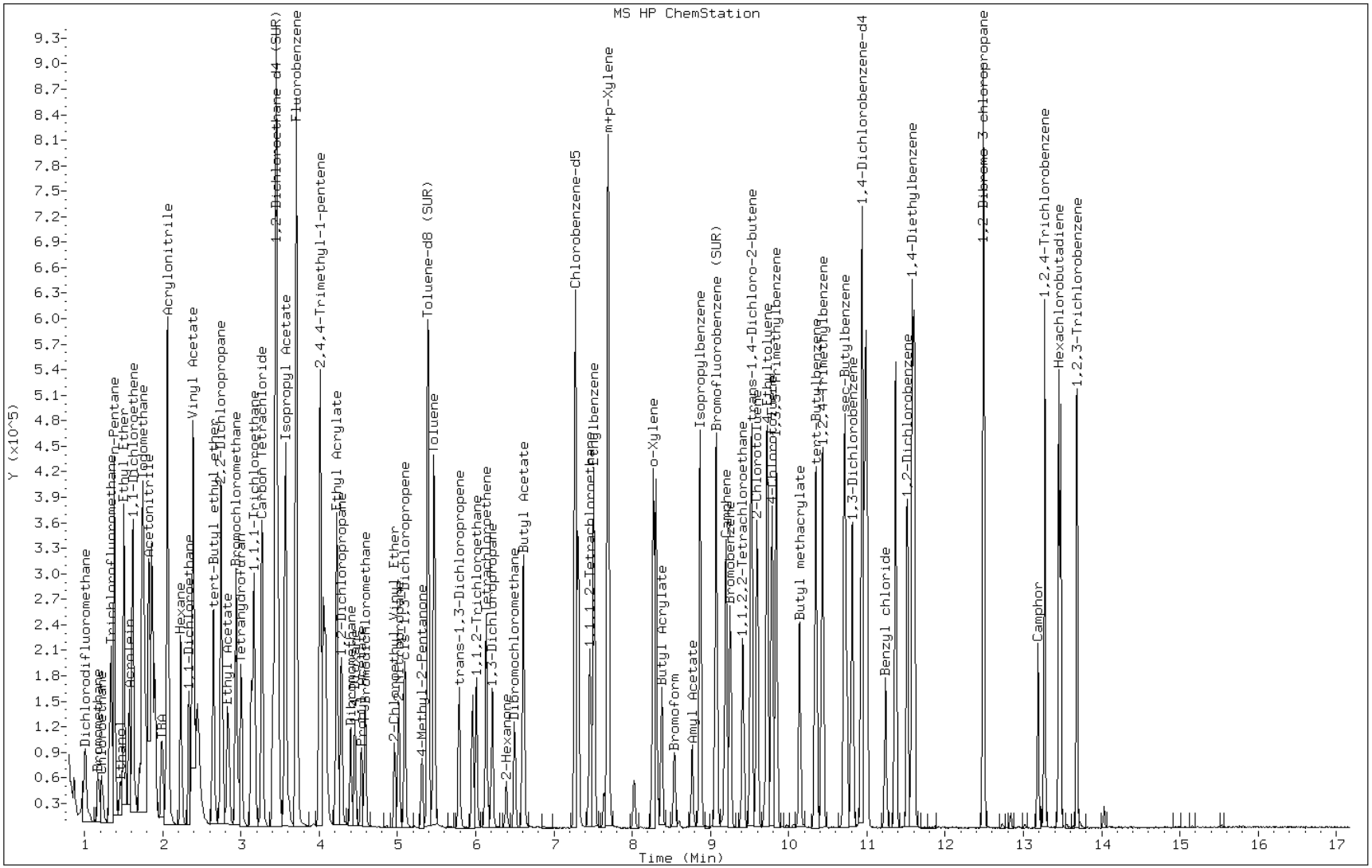
Date: 09-AUG-2012 19:58

Client ID:

Instrument: VOAMS12.i

Sample Info: LCS

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-123432/3

Matrix: Solid | Lab File ID: o63266.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/10/2012 08:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123432 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.2		1.0	0.16
74-83-9	Bromomethane	21.3		1.0	0.43
75-01-4	Vinyl chloride	19.2		1.0	0.34
75-00-3	Chloroethane	22.7		1.0	0.33
75-09-2	Methylene Chloride	22.4		1.0	0.15
67-64-1	Acetone	19.1		10	1.7
75-15-0	Carbon disulfide	14.4		1.0	0.15
75-69-4	Trichlorofluoromethane	20.1		1.0	0.16
75-35-4	1,1-Dichloroethene	20.4		1.0	0.19
75-34-3	1,1-Dichloroethane	19.4		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.11
67-66-3	Chloroform	20.1		1.0	0.24
78-93-3	2-Butanone	18.8		10	0.63
107-06-2	1,2-Dichloroethane	19.2		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.3		1.0	0.13
56-23-5	Carbon tetrachloride	19.0		1.0	0.15
71-43-2	Benzene	19.5		1.0	0.15
75-25-2	Bromoform	17.1		1.0	0.17
100-42-5	Styrene	19.5		1.0	0.28
179601-23-1	m&p-Xylene	38.2		2.0	0.59
95-47-6	o-Xylene	18.7		1.0	0.19
100-41-4	Ethylbenzene	18.6		1.0	0.17
108-90-7	Chlorobenzene	18.4		1.0	0.18
110-82-7	Cyclohexane	17.2		1.0	0.13
98-82-8	Isopropylbenzene	18.8		1.0	0.11
591-78-6	2-Hexanone	19.9		10	0.13
1634-04-4	MTBE	18.6		1.0	0.11
76-13-1	Freon TF	17.9		1.0	0.11
79-20-9	Methyl acetate	17.8		1.0	0.32
123-91-1	1,4-Dioxane	173		50	13
79-01-6	Trichloroethene	18.8		1.0	0.12
108-88-3	Toluene	18.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	15.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.4		10	0.20
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-123432/3
Matrix: Solid
Lab File ID: o63266.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/10/2012 08:26
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123432
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.16
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.2		1.0	0.16
78-87-5	1,2-Dichloropropane	20.0		1.0	0.15
108-87-2	Methylcyclohexane	16.7		1.0	0.10
127-18-4	Tetrachloroethene	18.0		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	22.6		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.14
124-48-1	Dibromochloromethane	18.9		1.0	0.10
106-93-4	1,2-Dibromoethane	18.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.1		1.0	0.22
74-97-5	Bromochloromethane	18.9		1.0	0.11
75-27-4	Bromodichloromethane	20.4		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63266.d
Report Date: 10-Aug-2012 09:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63266.d
Lab Smp Id: LCS
Inj Date : 10-AUG-2012 08:26
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/8260L_10.m
Meth Date : 10-Aug-2012 08:35 desais Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	64579	16.1150	16
1 Chloromethane	50	1.002	1.002	(0.270)	81603	17.2140	17
4 Vinyl Chloride	62	1.009	1.009	(0.272)	81568	19.1701	19
3 Bromomethane	94	1.167	1.167	(0.314)	53383	21.2681	21
5 Chloroethane	64	1.217	1.217	(0.328)	49037	22.7376	23
9 Trichlorofluoromethane	101	1.338	1.339	(0.361)	117872	20.1492	20
121 n-Pentane	72	1.374	1.374	(0.370)	20621	23.9082	24(R)
127 Ethanol	46	1.467	1.467	(0.396)	51588	2999.68	3000
46 Ethyl Ether	59	1.496	1.496	(0.403)	50683	18.8728	19
119 Isoprene	67	1.503	1.503	(0.405)	95955	17.9732	18
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	129122	18.8991	19
47 Acrolein	56	1.568	1.568	(0.423)	109568	259.614	260
10 1,1-Dichloroethene	96	1.611	1.611	(0.434)	62507	20.3521	20
48 Freon TF	101	1.618	1.611	(0.436)	69744	17.8872	18

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63266.d
Report Date: 10-Aug-2012 09:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.661	(0.448)	14835	19.1277	19
142 Iodomethane	142	1.704	1.704	(0.459)	78924	16.8737	17
8 Carbon Disulfide	76	1.732	1.732	(0.467)	157029	14.3583	14(R)
50 Acetonitrile	41	1.818	1.818	(0.490)	323560	424.796	420
125 Methyl acetate	74	1.847	1.847	(0.498)	10464	17.8001	18
6 Methylene Chloride	84	1.897	1.897	(0.511)	74076	22.4109	22
51 TBA	59	1.990	1.998	(0.537)	123068	374.295	370
52 Acrylonitrile	53	2.055	2.055	(0.554)	160674	149.392	150
12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	68547	17.9824	18
53 MTBE	73	2.062	2.062	(0.556)	159102	18.5681	18
54 Hexane	56	2.227	2.227	(0.600)	44589	15.1211	15
11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	127108	19.4449	19
57 Vinyl Acetate	43	2.384	2.384	(0.643)	282997	37.5432	38
55 DIPE	45	2.391	2.392	(0.645)	185847	17.2098	17
149 tert-Butyl ethyl ether	59	2.649	2.649	(0.714)	167070	18.2858	18
104 2,2-Dichloropropane	77	2.742	2.743	(0.739)	102606	17.9565	18
13 cis-1,2-Dichloroethene	96	2.750	2.750	(0.741)	80393	19.3753	19
18 2-Butanone	72	2.778	2.778	(0.749)	6701	18.7536	19
56 Ethyl Acetate	70	2.828	2.828	(0.762)	10604	40.0333	40
108 Bromochloromethane	128	2.929	2.929	(0.790)	35549	18.9152	19
160 Tetrahydrofuran	42	2.972	2.972	(0.801)	20683	21.8438	22
15 Chloroform	83	3.000	3.000	(0.809)	128155	20.1498	20
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	106414	19.2502	19
59 Cyclohexane	56	3.165	3.165	(0.853)	122272	17.1990	17
21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	87573	19.0079	19
92 1,1-Dichloropropene	75	3.265	3.265	(0.880)	91873	17.1422	17
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	101521	48.7928	49
28 Benzene	78	3.444	3.444	(0.929)	279863	19.5167	20
17 1,2-Dichloroethane	62	3.480	3.480	(0.938)	78385	19.1633	19
61 Isopropyl Acetate	43	3.566	3.566	(0.961)	223623	39.0419	39
140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	146650	18.9492	19
* 69 Fluorobenzene	96	3.709	3.709	(1.000)	506398	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	51863	37.4580	37
25 Trichloroethene	95	4.053	4.053	(1.093)	68132	18.7761	19
63 n-Butanol	43	4.082	4.089	(1.100)	70339	1627.25	1600
96 Ethyl Acrylate	85	4.218	4.225	(1.137)	2932	19.4928	19
126 Methyl cyclohexane	83	4.225	4.225	(1.139)	115746	16.7482	17
23 1,2-Dichloropropane	63	4.282	4.283	(1.154)	67404	19.9855	20
109 Dibromomethane	93	4.397	4.397	(1.185)	36558	19.7663	20
95 1,4-Dioxane	88	4.454	4.462	(1.201)	6759	173.186	170
146 Methyl methacrylate	69	4.454	4.454	(1.201)	34709	18.6854	19
64 Propyl Acetate	43	4.540	4.540	(1.224)	65761	35.5253	36
22 Bromodichloromethane	83	4.590	4.591	(1.238)	87271	20.3825	20
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	22523	13.2232	13(R)
159 2-Nitropropane	41	5.006	5.013	(1.349)	4771		(a)
118 Epichlorohydrin	57	5.020	5.013	(1.353)	111547	403.498	400
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	98031	19.5131	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63266.d
Report Date: 10-Aug-2012 09:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	47300	19.3536	19
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	394376	47.9446	48
38 Toluene	91	5.464	5.464	(0.752)	305764	18.0773	18
29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	78966	15.8638	16
27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	43735	19.1797	19
35 Tetrachloroethene	166	6.131	6.131	(0.843)	84071	18.0485	18
103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	94097	19.4234	19
34 2-Hexanone	43	6.388	6.388	(0.879)	35609	19.9220	20
26 Dibromochloromethane	129	6.496	6.496	(0.894)	59406	18.9385	19
65 Butyl Acetate	43	6.610	6.611	(0.909)	159545	36.0968	36
66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	51528	18.8033	19
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	405544	50.0000	
39 Chlorobenzene	112	7.312	7.313	(1.006)	193549	18.3727	18
97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	60279	15.9033	16
40 Ethylbenzene	106	7.506	7.506	(1.033)	108465	18.5942	18
43 m+p-Xylene	106	7.692	7.692	(1.058)	276532	38.1565	38
44 o-Xylene	106	8.272	8.265	(1.138)	133636	18.6712	19
42 Styrene	104	8.301	8.301	(1.142)	229972	19.4990	19
147 Butyl Acrylate	55	8.380	8.380	(0.766)	108876	18.7883	19
31 Bromoform	173	8.537	8.537	(1.174)	38593	17.0880	17
145 Amyl Acetate	43	8.767	8.767	(1.206)	88149	31.0995	31
110 Isopropylbenzene	105	8.867	8.867	(1.220)	363400	18.8361	19
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	168995	50.1037	50
150 Camphene	41	9.196	9.196	(0.841)	28282	17.2482	17
107 Bromobenzene	156	9.254	9.254	(0.846)	91301	18.7479	19
36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	72573	20.0413	20
99 1,2,3-Trichloropropane	110	9.426	9.426	(0.862)	21118	19.1849	19
143 trans-1,4-Dichloro-2-butene	53	9.504	9.497	(2.562)	17889	19.5357	20
112 n-Propylbenzene	91	9.526	9.526	(0.871)	444916	18.7669	19
105 2-Chlorotoluene	91	9.597	9.598	(0.878)	245902	18.5425	18
161 4-Ethyltoluene	105	9.726	9.726	(2.622)	378429	20.4386	20
106 4-Chlorotoluene	91	9.784	9.784	(0.895)	259591	19.1112	19
102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	308578	18.9407	19
148 Butyl methacrylate	69	10.142	10.142	(0.927)	98492	17.2244	17
115 tert-Butylbenzene	119	10.350	10.350	(0.946)	284040	18.8297	19
100 1,2,4-Trimethylbenzene	105	10.436	10.436	(0.954)	313402	19.1811	19
114 sec-Butylbenzene	105	10.715	10.715	(0.980)	436428	19.1049	19
67 1,3-Dichlorobenzene	146	10.815	10.808	(0.989)	189427	19.5127	20
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	240767	50.0000	
68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	186274	19.2884	19
113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	371157	19.6005	20
117 Benzyl chloride	91	11.238	11.238	(1.028)	112980	14.6846	15
69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	176467	19.4813	19
162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	223871	20.0782	20
111 n-Butylbenzene	91	11.603	11.603	(1.061)	416333	19.6662	20
101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	18288	22.5721	22
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	325996	19.9231	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/10aug12.b/o63266.d
Report Date: 10-Aug-2012 09:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	42857	105.179	100
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	150215	20.2169	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	88142	18.7251	19
	70 Naphthalene	128	13.473	13.473	(1.232)	302928	20.9575	21
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	135874	20.2180	20
M	14 1,2-Dichloroethene (total)	100				148940	37.3577	37
M	45 Xylene (Total)	100				410168	56.8311	57

QC Flag Legend

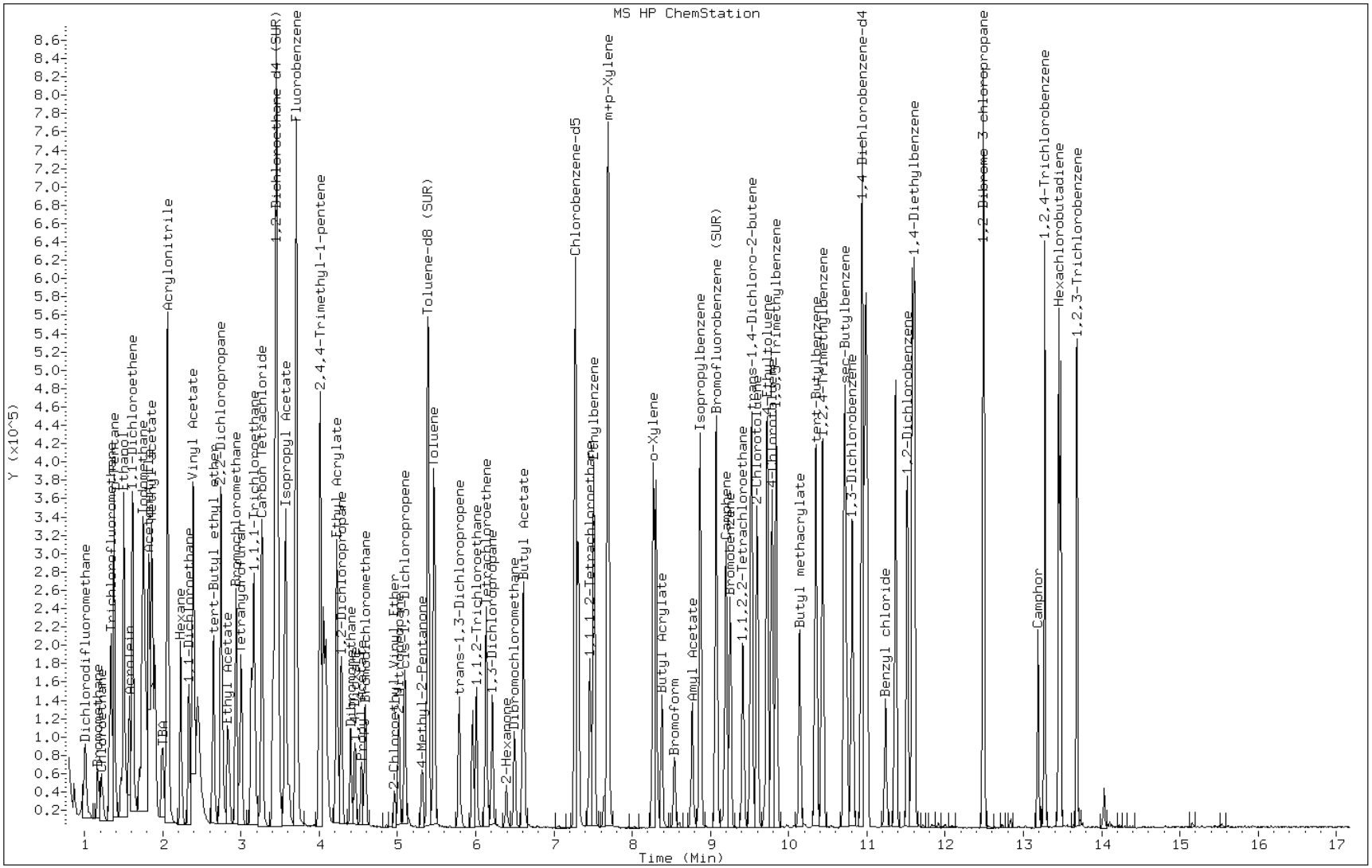
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o63266.d

Date: 10-AUG-2012 08:26

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-123838/3

Matrix: Solid | Lab File ID: o63349.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/13/2012 18:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123838 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.2		1.0	0.16
74-83-9	Bromomethane	22.2		1.0	0.43
75-01-4	Vinyl chloride	19.7		1.0	0.34
75-00-3	Chloroethane	25.8		1.0	0.33
75-09-2	Methylene Chloride	24.2		1.0	0.15
67-64-1	Acetone	24.5		10	1.7
75-15-0	Carbon disulfide	22.8		1.0	0.15
75-69-4	Trichlorofluoromethane	20.5		1.0	0.16
75-35-4	1,1-Dichloroethene	19.6		1.0	0.19
75-34-3	1,1-Dichloroethane	21.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.9		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	22.4		1.0	0.11
67-66-3	Chloroform	21.6		1.0	0.24
78-93-3	2-Butanone	17.5		10	0.63
107-06-2	1,2-Dichloroethane	20.4		1.0	0.18
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.13
56-23-5	Carbon tetrachloride	19.9		1.0	0.15
71-43-2	Benzene	21.7		1.0	0.15
75-25-2	Bromoform	18.0		1.0	0.17
100-42-5	Styrene	21.7		1.0	0.28
179601-23-1	m&p-Xylene	42.4		2.0	0.59
95-47-6	o-Xylene	20.7		1.0	0.19
100-41-4	Ethylbenzene	20.7		1.0	0.17
108-90-7	Chlorobenzene	20.4		1.0	0.18
110-82-7	Cyclohexane	21.7		1.0	0.13
98-82-8	Isopropylbenzene	20.8		1.0	0.11
591-78-6	2-Hexanone	19.5		10	0.13
1634-04-4	MTBE	21.2		1.0	0.11
76-13-1	Freon TF	21.2		1.0	0.11
79-20-9	Methyl acetate	21.8		1.0	0.32
123-91-1	1,4-Dioxane	162		50	13
79-01-6	Trichloroethene	20.6		1.0	0.12
108-88-3	Toluene	20.3		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.6		1.0	0.10
108-10-1	4-Methyl-2-pentanone	20.7		10	0.20
10061-01-5	cis-1,3-Dichloropropene	22.3		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-123838/3
Matrix: Solid
Lab File ID: o63349.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/13/2012 18:46
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123838
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.3		1.0	0.16
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.5		1.0	0.16
78-87-5	1,2-Dichloropropane	22.1		1.0	0.15
108-87-2	Methylcyclohexane	21.6		1.0	0.10
127-18-4	Tetrachloroethene	19.2		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	22.7		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.0	0.090
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.14
124-48-1	Dibromochloromethane	19.9		1.0	0.10
106-93-4	1,2-Dibromoethane	20.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	17.4		1.0	0.22
74-97-5	Bromochloromethane	20.8		1.0	0.11
75-27-4	Bromodichloromethane	21.7		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63349.d
Report Date: 13-Aug-2012 20:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63349.d
Lab Smp Id: LCS
Inj Date : 13-AUG-2012 18:46
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/8260L_10.m
Meth Date : 13-Aug-2012 20:17 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	66569	17.4159	17
1 Chloromethane	50	0.995	0.995	(0.269)	82388	18.2211	18
4 Vinyl Chloride	62	1.009	1.009	(0.272)	79917	19.6916	20
3 Bromomethane	94	1.166	1.167	(0.315)	53081	22.1720	22
5 Chloroethane	64	1.217	1.217	(0.329)	53042	25.7858	26
9 Trichlorofluoromethane	101	1.338	1.338	(0.362)	114621	20.5423	20
121 n-Pentane	72	1.381	1.381	(0.373)	34073	41.4183	41
127 Ethanol	46	1.453	1.460	(0.392)	50164	3058.10	3000
46 Ethyl Ether	59	1.496	1.496	(0.404)	56206	21.9429	22
119 Isoprene	67	1.503	1.503	(0.406)	104939	20.6078	21
157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	140286	21.5273	22
47 Acrolein	56	1.568	1.568	(0.423)	105580	262.279	260
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	57345	19.5756	20
48 Freon TF	101	1.618	1.618	(0.437)	78988	21.2390	21

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63349.d
Report Date: 13-Aug-2012 20:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.654	(0.449)	18085	24.4521	24
142 Iodomethane	142	1.704	1.704	(0.460)	93936	21.0558	21
8 Carbon Disulfide	76	1.732	1.732	(0.468)	238203	22.8351	23
50 Acetonitrile	41	1.818	1.818	(0.491)	347160	477.847	480
125 Methyl acetate	74	1.840	1.840	(0.497)	12249	21.8467	22
6 Methylene Chloride	84	1.897	1.897	(0.512)	76171	24.1605	24
51 TBA	59	1.983	1.983	(0.536)	111389	355.179	360
52 Acrylonitrile	53	2.055	2.055	(0.555)	149664	145.893	140
12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	76013	20.9067	21
53 MTBE	73	2.062	2.062	(0.557)	173274	21.2011	21
54 Hexane	56	2.227	2.227	(0.601)	57962	20.6081	21
11 1,1-Dichloroethane	63	2.334	2.334	(0.630)	135442	21.7230	22
57 Vinyl Acetate	43	2.377	2.377	(0.642)	298434	41.5080	42
55 DIPE	45	2.384	2.384	(0.644)	220750	21.4316	21
149 tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	184850	21.2114	21
104 2,2-Dichloropropane	77	2.742	2.742	(0.741)	106149	19.4761	19
13 cis-1,2-Dichloroethene	96	2.749	2.750	(0.743)	88498	22.3613	22
18 2-Butanone	72	2.778	2.778	(0.750)	5959	17.4866	17
56 Ethyl Acetate	70	2.828	2.828	(0.764)	10681	42.2763	42
108 Bromochloromethane	128	2.929	2.929	(0.791)	37330	20.8250	21
160 Tetrahydrofuran	42	2.972	2.972	(0.803)	23959	26.5297	26(R)
15 Chloroform	83	3.000	3.000	(0.810)	130887	21.5758	22
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	110847	21.0230	21
59 Cyclohexane	56	3.165	3.165	(0.855)	147317	21.7252	22
21 Carbon Tetrachloride	117	3.265	3.265	(0.882)	87496	19.9109	20
92 1,1-Dichloropropene	75	3.265	3.265	(0.882)	104718	20.4849	20
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	93566	47.1472	47
28 Benzene	78	3.444	3.444	(0.930)	296812	21.7008	22
17 1,2-Dichloroethane	62	3.473	3.473	(0.938)	79674	20.4215	20
61 Isopropyl Acetate	43	3.566	3.566	(0.963)	236479	43.2853	43
140 tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	156577	21.2114	21
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	483012	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.017	4.010	(1.085)	56967	43.1371	43
25 Trichloroethene	95	4.053	4.053	(1.095)	71249	20.5859	20
63 n-Butanol	43	4.082	4.082	(1.103)	66468	1612.14	1600
96 Ethyl Acrylate	85	4.218	4.218	(1.139)	3014	21.0129	21
126 Methyl cyclohexane	83	4.225	4.225	(1.141)	142529	21.6222	22
23 1,2-Dichloropropane	63	4.282	4.282	(1.157)	71195	22.1316	22
109 Dibromomethane	93	4.404	4.397	(1.190)	37931	21.5018	22
95 1,4-Dioxane	88	4.454	4.469	(1.203)	6025	161.875	160
146 Methyl methacrylate	69	4.454	4.454	(1.203)	36375	20.5308	20
64 Propyl Acetate	43	4.533	4.540	(1.224)	69883	39.5800	40
22 Bromodichloromethane	83	4.590	4.583	(1.240)	88485	21.6666	22
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	39984	24.6115	25(R)
159 2-Nitropropane	41	5.006	5.013	(1.352)	5622		(a)
118 Epichlorohydrin	57	5.013	5.013	(1.354)	119239	452.208	450
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	106790	22.2859	22

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63349.d
Report Date: 13-Aug-2012 20:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	48250	20.6983	21
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	383286	48.6494	49
38 Toluene	91	5.464	5.464	(0.752)	328407	20.2714	20
29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	83963	17.6109	18
27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	45889	21.0112	21
35 Tetrachloroethene	166	6.138	6.131	(0.844)	85513	19.1670	19
103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	94828	20.4369	20
34 2-Hexanone	43	6.388	6.388	(0.879)	33453	19.5409	20
26 Dibromochloromethane	129	6.496	6.496	(0.894)	59926	19.9461	20
65 Butyl Acetate	43	6.603	6.603	(0.908)	160789	37.9811	38
66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	53174	20.2589	20
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	388430	50.0000	
39 Chlorobenzene	112	7.312	7.312	(1.006)	205883	20.4046	20
97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	64577	17.7880	18
40 Ethylbenzene	106	7.506	7.513	(1.032)	115644	20.6985	21
43 m+p-Xylene	106	7.692	7.692	(1.058)	294331	42.4018	42
44 o-Xylene	106	8.265	8.272	(1.137)	141617	20.6581	21
42 Styrene	104	8.308	8.308	(1.143)	245306	21.7156	22
147 Butyl Acrylate	55	8.380	8.380	(0.766)	108850	19.6374	20
31 Bromoform	173	8.537	8.537	(1.174)	38944	18.0004	18
145 Amyl Acetate	43	8.766	8.767	(1.206)	55823	20.5625	20
110 Isopropylbenzene	105	8.867	8.867	(1.220)	383768	20.7682	21
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	157387	48.7827	49
150 Camphene	41	9.196	9.196	(0.841)	28608	18.2401	18
107 Bromobenzene	156	9.254	9.254	(0.846)	92046	19.7599	20
36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	70716	20.4160	20
99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	21159	20.0959	20
143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	19379	22.1876	22
112 n-Propylbenzene	91	9.526	9.526	(0.871)	462525	20.3962	20
105 2-Chlorotoluene	91	9.597	9.597	(0.878)	263606	20.7808	21
161 4-Ethyltoluene	105	9.726	9.726	(2.627)	398122	22.5432	22
106 4-Chlorotoluene	91	9.784	9.784	(0.895)	264471	20.3552	20
102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	305537	19.6062	20
148 Butyl methacrylate	69	10.142	10.142	(0.927)	99032	18.1059	18
115 tert-Butylbenzene	119	10.349	10.350	(0.946)	285557	19.7905	20
100 1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	318422	20.3739	20
114 sec-Butylbenzene	105	10.715	10.715	(0.980)	438500	20.0678	20
67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	188203	20.2676	20
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	230302	50.0000	
68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	185735	20.1066	20
113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	363368	20.0612	20
117 Benzyl chloride	91	11.238	11.238	(1.028)	126168	17.1439	17
69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	173672	20.0440	20
162 1,4-Diethylbenzene	119	11.581	11.582	(3.128)	232359	21.8485	22
111 n-Butylbenzene	91	11.603	11.603	(1.061)	415604	20.5239	20
101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	17569	22.6705	23
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	358266	22.9554	23

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63349.d
Report Date: 13-Aug-2012 20:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	42770	109.737	110
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	147372	20.7357	21
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	86532	19.2184	19
	70 Naphthalene	128	13.480	13.473	(1.232)	298212	21.5688	22
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.251)	131917	20.5213	20
M	14 1,2-Dichloroethene (total)	100				164512	43.2680	43
M	45 Xylene (Total)	100				435948	63.0645	63

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o63349.d

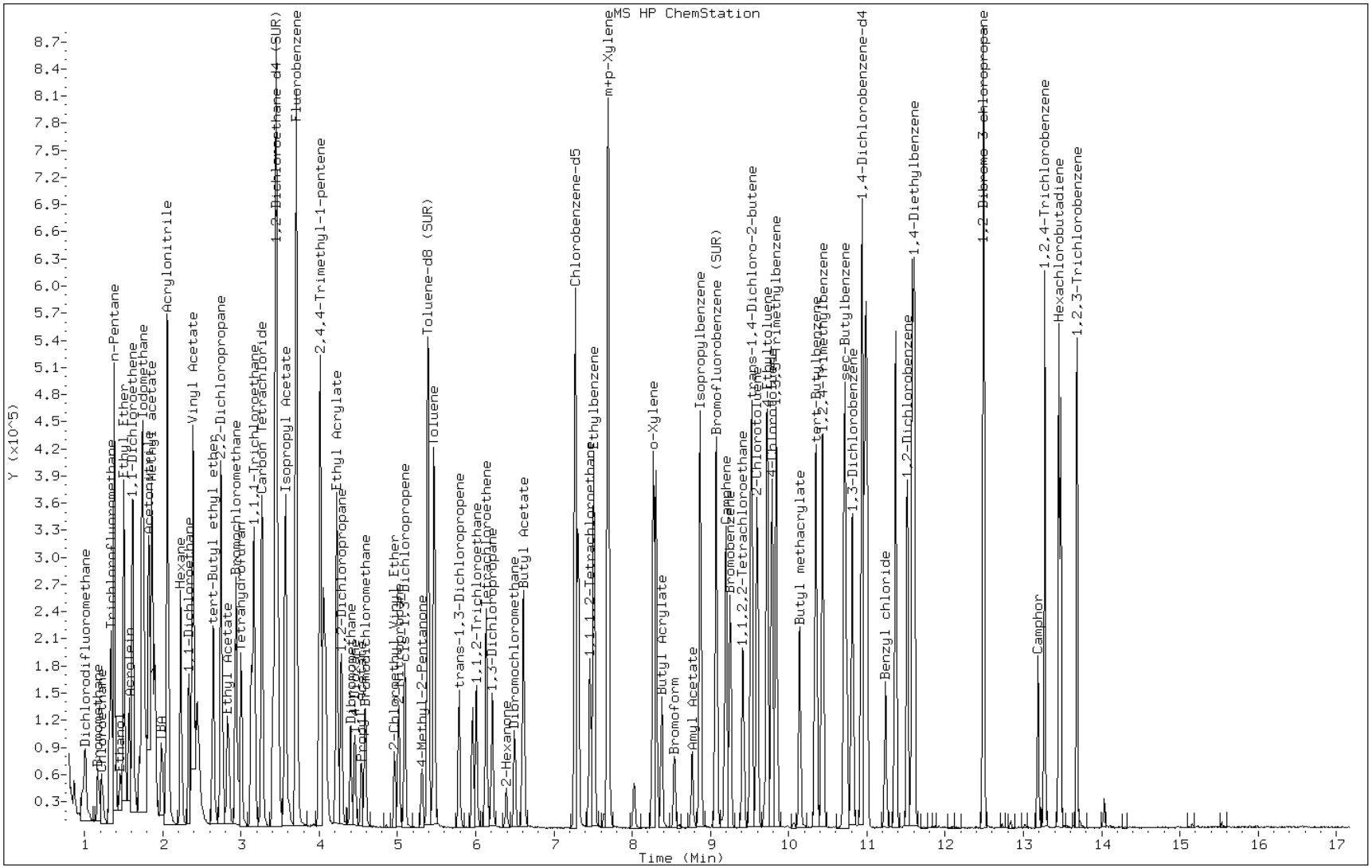
Date: 13-AUG-2012 18:46

Client ID:

Instrument: VOAMS12.i

Sample Info: LCS

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-122620/18

Matrix: Solid | Lab File ID: o63013.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/03/2012 19:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122620 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.0		1.0	0.16
74-83-9	Bromomethane	21.2		1.0	0.43
75-01-4	Vinyl chloride	19.2		1.0	0.34
75-00-3	Chloroethane	22.8		1.0	0.33
75-09-2	Methylene Chloride	23.1		1.0	0.15
67-64-1	Acetone	20.8		10	1.7
75-15-0	Carbon disulfide	20.1		1.0	0.15
75-69-4	Trichlorofluoromethane	21.4		1.0	0.16
75-35-4	1,1-Dichloroethene	24.2		1.0	0.19
75-34-3	1,1-Dichloroethane	20.6		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	21.2		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.9		1.0	0.11
67-66-3	Chloroform	20.5		1.0	0.24
78-93-3	2-Butanone	18.6		10	0.63
107-06-2	1,2-Dichloroethane	19.9		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.7		1.0	0.13
56-23-5	Carbon tetrachloride	21.1		1.0	0.15
71-43-2	Benzene	21.3		1.0	0.15
75-25-2	Bromoform	17.5		1.0	0.17
100-42-5	Styrene	21.2		1.0	0.28
179601-23-1	m&p-Xylene	42.8		2.0	0.59
95-47-6	o-Xylene	21.1		1.0	0.19
100-41-4	Ethylbenzene	20.9		1.0	0.17
108-90-7	Chlorobenzene	20.6		1.0	0.18
110-82-7	Cyclohexane	21.2		1.0	0.13
98-82-8	Isopropylbenzene	21.2		1.0	0.11
591-78-6	2-Hexanone	19.8		10	0.13
1634-04-4	MTBE	19.1		1.0	0.11
76-13-1	Freon TF	20.1		1.0	0.11
79-20-9	Methyl acetate	17.9		1.0	0.32
123-91-1	1,4-Dioxane	159		50	13
79-01-6	Trichloroethene	20.9		1.0	0.12
108-88-3	Toluene	20.6		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	18.6		10	0.20
10061-01-5	cis-1,3-Dichloropropene	20.8		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-122620/18
Matrix: Solid
Lab File ID: o63013.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/03/2012 19:52
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122620
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.10
541-73-1	1,3-Dichlorobenzene	21.2		1.0	0.16
106-46-7	1,4-Dichlorobenzene	21.2		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	21.8		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	21.5		1.0	0.16
78-87-5	1,2-Dichloropropane	21.2		1.0	0.15
108-87-2	Methylcyclohexane	21.2		1.0	0.10
127-18-4	Tetrachloroethene	22.1		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.9		1.0	0.14
124-48-1	Dibromochloromethane	20.4		1.0	0.10
106-93-4	1,2-Dibromoethane	20.9		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.0		1.0	0.22
74-97-5	Bromochloromethane	20.3		1.0	0.11
75-27-4	Bromodichloromethane	20.3		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63013.d
Report Date: 03-Aug-2012 22:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63013.d
Lab Smp Id: LCSD
Inj Date : 03-AUG-2012 19:52
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/8260L_10.m
Meth Date : 03-Aug-2012 19:24 ken Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 3 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	62553	16.0378	16
1 Chloromethane	50	0.995	0.995	(0.269)	78589	17.0331	17
4 Vinyl Chloride	62	1.009	1.009	(0.272)	79575	19.2149	19
3 Bromomethane	94	1.159	1.159	(0.313)	51870	21.2323	21
5 Chloroethane	64	1.209	1.210	(0.327)	47895	22.8178	23
9 Trichlorofluoromethane	101	1.331	1.331	(0.360)	122005	21.4279	21
121 n-Pentane	72	1.367	1.367	(0.369)	31056	36.9950	37
127 Ethanol	46	1.482	1.482	(0.400)	45701	2730.28	2700
46 Ethyl Ether	59	1.496	1.496	(0.404)	50705	19.3991	19
119 Isoprene	67	1.496	1.496	(0.404)	113114	21.7686	22
157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	132647	19.9477	20
47 Acrolein	56	1.575	1.568	(0.425)	116508	283.633	280
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	72306	24.1884	24
48 Freon TF	101	1.611	1.611	(0.435)	76176	20.0729	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63013.d
Report Date: 03-Aug-2012 22:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.661	(0.449)	15702	20.8034	21
142 Iodomethane	142	1.697	1.697	(0.458)	88832	19.5131	20
8 Carbon Disulfide	76	1.725	1.725	(0.466)	213440	20.0517	20
50 Acetonitrile	41	1.818	1.818	(0.491)	321920	434.237	430
125 Methyl acetate	74	1.847	1.847	(0.499)	10226	17.8738	18
6 Methylene Chloride	84	1.897	1.897	(0.512)	74342	23.1087	23
51 TBA	59	2.005	2.005	(0.541)	116617	364.406	360
52 Acrylonitrile	53	2.055	2.055	(0.555)	145177	138.686	140
12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	78722	21.2183	21
53 MTBE	73	2.069	2.062	(0.559)	159161	19.0846	19
54 Hexane	56	2.227	2.220	(0.601)	55132	19.2093	19
11 1,1-Dichloroethane	63	2.334	2.327	(0.630)	131165	20.6161	21
57 Vinyl Acetate	43	2.377	2.377	(0.642)	283575	38.6519	39
55 DIPE	45	2.391	2.384	(0.646)	189303	18.0107	18
149 tert-Butyl ethyl ether	59	2.649	2.649	(0.716)	167711	18.8595	19
104 2,2-Dichloropropane	77	2.742	2.735	(0.741)	106996	19.2386	19
13 cis-1,2-Dichloroethene	96	2.749	2.742	(0.743)	84407	20.9009	21
18 2-Butanone	72	2.778	2.778	(0.750)	6461	18.5800	18
56 Ethyl Acetate	70	2.828	2.828	(0.764)	10426	40.4433	40
108 Bromochloromethane	128	2.929	2.929	(0.791)	37122	20.2944	20
160 Tetrahydrofuran	42	2.979	2.972	(0.805)	18704	20.2963	20
15 Chloroform	83	3.000	3.000	(0.810)	127097	20.5316	20
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	111555	20.7338	21
59 Cyclohexane	56	3.165	3.158	(0.855)	146719	21.2040	21
21 Carbon Tetrachloride	117	3.265	3.258	(0.882)	94424	21.0573	21
92 1,1-Dichloropropene	75	3.265	3.265	(0.882)	103516	19.8444	20
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	94107	46.4703	46
28 Benzene	78	3.444	3.444	(0.930)	297437	21.3113	21
17 1,2-Dichloroethane	62	3.473	3.473	(0.938)	79354	19.9325	20
61 Isopropyl Acetate	43	3.566	3.566	(0.963)	218738	39.2367	39
140 tert-Amylmethyl Ether	73	3.573	3.566	(0.965)	147628	19.5989	20
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	492877	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.083)	59234	43.9556	44
25 Trichloroethene	95	4.053	4.053	(1.095)	73890	20.9217	21
63 n-Butanol	43	4.089	4.089	(1.104)	63651	1512.94	1500
96 Ethyl Acrylate	85	4.583	4.591	(1.238)	54820	374.462	370(R)
126 Methyl cyclohexane	83	4.225	4.218	(1.141)	142420	21.1733	21
23 1,2-Dichloropropane	63	4.282	4.283	(1.157)	69755	21.2499	21
109 Dibromomethane	93	4.397	4.397	(1.188)	37420	20.7876	21
95 1,4-Dioxane	88	4.461	4.447	(1.205)	6023	158.571	160
146 Methyl methacrylate	69	4.454	4.454	(1.203)	33580	18.5739	18
64 Propyl Acetate	43	4.540	4.533	(1.226)	62188	34.5171	34
22 Bromodichloromethane	83	4.590	4.583	(1.240)	84426	20.2591	20
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	25513	15.3897	15
159 2-Nitropropane	41	5.006	5.013	(1.352)	4259		(a)
118 Epichlorohydrin	57	5.013	5.013	(1.354)	110186	409.509	410
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	101715	20.8019	21

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63013.d
Report Date: 03-Aug-2012 22:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	44213	18.5868	18
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	377721	48.8980	49
38 Toluene	91	5.464	5.464	(0.752)	327342	20.6082	21
29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	81138	17.3574	17
27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	44826	20.9333	21
35 Tetrachloroethene	166	6.130	6.131	(0.843)	96770	22.1223	22
103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	93548	20.5626	20
34 2-Hexanone	43	6.388	6.396	(0.879)	33161	19.7562	20
26 Dibromochloromethane	129	6.496	6.496	(0.894)	60177	20.4285	20
65 Butyl Acetate	43	6.610	6.611	(0.909)	149575	36.0359	36
66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	53856	20.9278	21
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	380844	50.0000	
39 Chlorobenzene	112	7.312	7.312	(1.006)	204216	20.6425	21
97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	62246	17.4873	17
40 Ethylbenzene	106	7.506	7.506	(1.033)	114713	20.9408	21
43 m+p-Xylene	106	7.692	7.692	(1.058)	291370	42.8114	43
44 o-Xylene	106	8.272	8.272	(1.138)	141854	21.1049	21
42 Styrene	104	8.301	8.301	(1.142)	234332	21.1573	21
147 Butyl Acrylate	55	8.380	8.380	(0.766)	99380	18.5781	18
31 Bromoform	173	8.537	8.537	(1.174)	37150	17.5147	18
145 Amyl Acetate	43	8.766	8.767	(1.206)	82923	31.1532	31
110 Isopropylbenzene	105	8.867	8.867	(1.220)	383676	21.1768	21
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	157712	50.6530	51
150 Camphene	41	9.196	9.196	(0.841)	29815	19.6978	20
107 Bromobenzene	156	9.254	9.254	(0.846)	92700	20.6207	21
36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	69501	20.7917	21
99 1,2,3-Trichloropropane	110	9.425	9.418	(0.862)	19722	19.4095	19
143 trans-1,4-Dichloro-2-butene	53	9.497	9.504	(2.565)	16999	19.0734	19
112 n-Propylbenzene	91	9.526	9.526	(0.871)	458935	20.9705	21
105 2-Chlorotoluene	91	9.597	9.598	(0.878)	250607	20.4713	20
161 4-Ethyltoluene	105	9.726	9.726	(2.627)	401381	22.2729	22
106 4-Chlorotoluene	91	9.784	9.784	(0.895)	265605	21.1826	21
102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	308103	20.4867	20
148 Butyl methacrylate	69	10.142	10.142	(0.927)	90084	17.0662	17
115 tert-Butylbenzene	119	10.349	10.350	(0.946)	293394	21.0698	21
100 1,2,4-Trimethylbenzene	105	10.435	10.428	(0.954)	313096	20.7584	21
114 sec-Butylbenzene	105	10.715	10.715	(0.980)	444412	21.0747	21
67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	190084	21.2112	21
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	222255	50.0000	
68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	189028	21.2040	21
113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	378227	21.6375	22
117 Benzyl chloride	91	11.238	11.238	(1.028)	104947	14.7767	15
69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	175976	21.0452	21
162 1,4-Diethylbenzene	119	11.582	11.582	(3.128)	227549	20.9680	21
111 n-Butylbenzene	91	11.603	11.603	(1.061)	413074	21.1374	21
101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	14445	19.3140	19
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	336096	21.1039	21

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/03aug12a.b/o63013.d
Report Date: 03-Aug-2012 22:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	38751	103.024	100
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	149590	21.8098	22
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	93313	21.4748	21
	70 Naphthalene	128	13.473	13.480	(1.232)	294907	22.1019	22
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.252)	133681	21.5486	22
M	14 1,2-Dichloroethene (total)	100				163130	42.1192	42
M	45 Xylene (Total)	100				433225	63.9188	64

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o63013.d

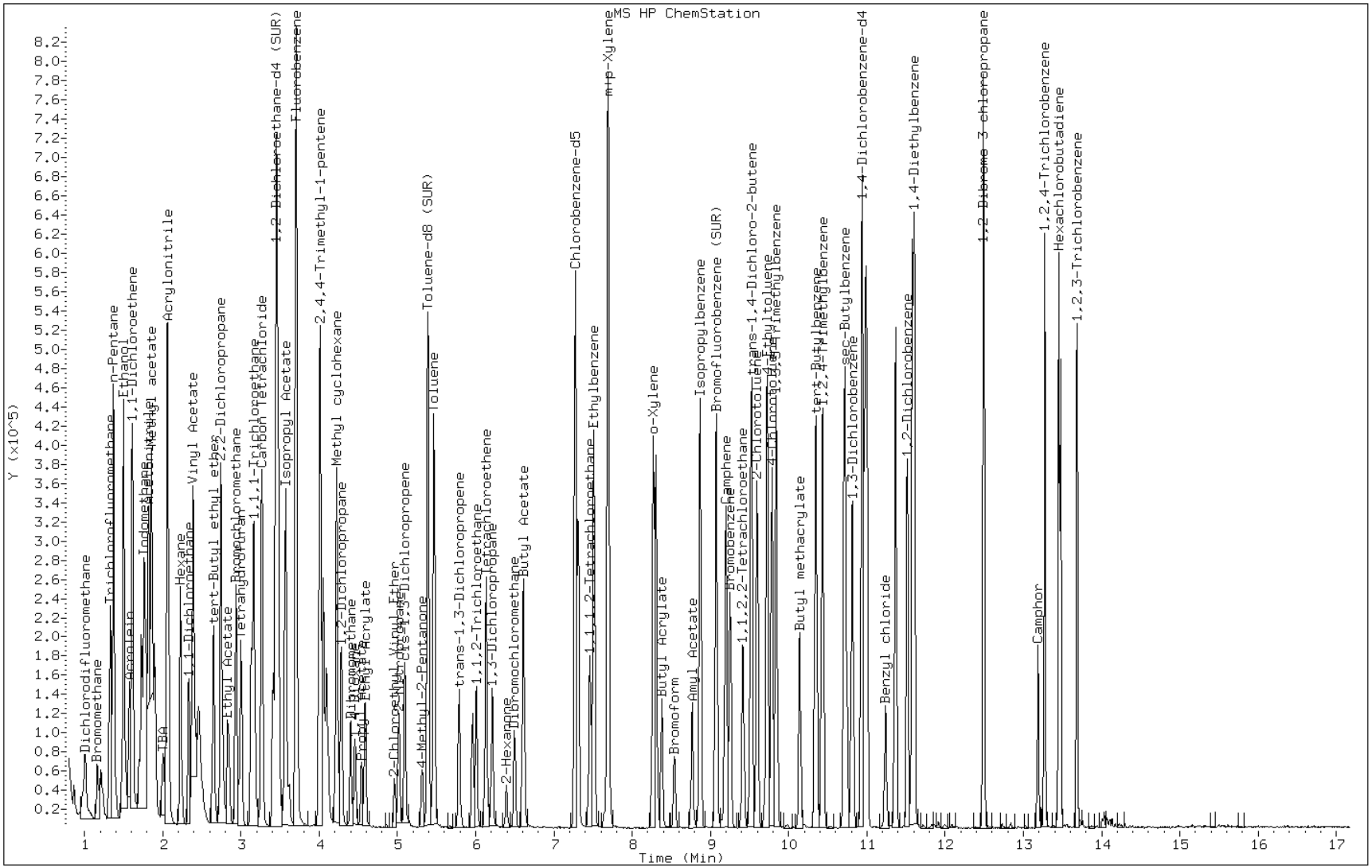
Date: 03-AUG-2012 19:52

Client ID:

Instrument: VOAMS12.i

Sample Info: LCSD

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-122835/4

Matrix: Solid | Lab File ID: k03051.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2012 21:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 122835 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	13.9		1.0	0.16
74-83-9	Bromomethane	19.3		1.0	0.43
75-01-4	Vinyl chloride	15.4		1.0	0.34
75-00-3	Chloroethane	15.9		1.0	0.33
75-09-2	Methylene Chloride	22.8		1.0	0.15
67-64-1	Acetone	19.6		10	1.7
75-15-0	Carbon disulfide	17.2		1.0	0.15
75-69-4	Trichlorofluoromethane	16.1		1.0	0.16
75-35-4	1,1-Dichloroethene	19.2		1.0	0.19
75-34-3	1,1-Dichloroethane	20.6		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.7		1.0	0.11
67-66-3	Chloroform	20.0		1.0	0.24
78-93-3	2-Butanone	20.0		10	0.63
107-06-2	1,2-Dichloroethane	20.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.4		1.0	0.13
56-23-5	Carbon tetrachloride	18.7		1.0	0.15
71-43-2	Benzene	19.2		1.0	0.15
75-25-2	Bromoform	17.7		1.0	0.17
100-42-5	Styrene	20.3		1.0	0.28
179601-23-1	m&p-Xylene	39.7		2.0	0.59
95-47-6	o-Xylene	19.9		1.0	0.19
100-41-4	Ethylbenzene	19.8		1.0	0.17
108-90-7	Chlorobenzene	19.7		1.0	0.18
110-82-7	Cyclohexane	21.4		1.0	0.13
98-82-8	Isopropylbenzene	20.3		1.0	0.11
591-78-6	2-Hexanone	25.6		10	0.13
1634-04-4	MTBE	20.1		1.0	0.11
76-13-1	Freon TF	17.6		1.0	0.11
79-20-9	Methyl acetate	17.6		1.0	0.32
123-91-1	1,4-Dioxane	132		50	13
79-01-6	Trichloroethene	18.3		1.0	0.12
108-88-3	Toluene	19.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	20.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	21.0		10	0.20
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-122835/4
Matrix: Solid
Lab File ID: k03051.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/06/2012 21:43
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122835
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.16
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.5		1.0	0.16
78-87-5	1,2-Dichloropropane	20.5		1.0	0.15
108-87-2	Methylcyclohexane	20.0		1.0	0.10
127-18-4	Tetrachloroethene	18.2		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.6		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.14
124-48-1	Dibromochloromethane	18.8		1.0	0.10
106-93-4	1,2-Dibromoethane	19.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	15.9		1.0	0.22
74-97-5	Bromochloromethane	18.2		1.0	0.11
75-27-4	Bromodichloromethane	19.7		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	102		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03051.d
Report Date: 07-Aug-2012 14:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03051.d
Lab Smp Id: LCSD
Inj Date : 06-AUG-2012 21:43
Operator : VOAMS 9 Inst ID: VOAMS9.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 14:01 vibha Quant Type: ISTD
Cal Date : 03-AUG-2012 21:24 Cal File: k02987.d
Als bottle: 3 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	1.566	1.572	(0.289)	78860	15.8605	16
1 Chloromethane	50	1.727	1.727	(0.318)	117028	13.9132	14
4 Vinyl Chloride	62	1.823	1.834	(0.336)	110208	15.3873	15
3 Bromomethane	94	2.101	2.107	(0.387)	54497	19.3232	19
5 Chloroethane	64	2.182	2.187	(0.402)	43209	15.8539	16
9 Trichlorofluoromethane	101	2.380	2.385	(0.438)	112637	16.1489	16
121 n-Pentane	72	2.385	2.390	(0.439)	22000	28.1503	28
127 Ethanol	46	2.556	2.562	(0.471)	66660	2571.97	2600
46 Ethyl Ether	59	2.588	2.594	(0.477)	53445	17.0431	17
119 Isoprene	67	2.604	2.610	(0.480)	109489	17.9205	18
157 Dichlorofluoromethane	67	2.363	2.364	(0.435)	162052	17.6177	18(M)
47 Acrolein	56	2.765	2.770	(0.509)	167416	257.606	260
10 1,1-Dichloroethene	96	2.797	2.802	(0.515)	67958	19.1613	19
48 Freon TF	101	2.786	2.786	(0.513)	81665	17.6285	18

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03051.d
Report Date: 07-Aug-2012 14:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	2.888	2.893	(0.532)	16886	19.5929	20
142 Iodomethane	142	2.952	2.957	(0.544)	124930	18.0080	18
8 Carbon Disulfide	76	2.984	2.990	(0.550)	261807	17.1650	17
50 Acetonitrile	41	3.193	3.198	(0.588)	227229	403.909	400
125 Methyl acetate	74	3.128	3.139	(0.576)	11292	17.6385	18
6 Methylene Chloride	84	3.246	3.252	(0.598)	86338	22.8304	23
51 TBA	59	3.321	3.327	(0.612)	166523	363.029	360
52 Acrylonitrile	53	3.514	3.519	(0.647)	203153	160.900	160
12 trans-1,2-Dichloroethene	96	3.433	3.439	(0.632)	73009	18.3393	18
53 MTBE	73	3.417	3.418	(0.629)	203269	20.0723	20
54 Hexane	56	3.589	3.594	(0.661)	64364	19.9125	20
11 1,1-Dichloroethane	63	3.840	3.840	(0.707)	149256	20.5534	20
57 Vinyl Acetate	43	3.851	3.851	(0.709)	358319	48.5368	48(RM)
55 DIPE	45	3.808	3.813	(0.701)	303255	22.9176	23
149 tert-Butyl ethyl ether	59	4.129	4.129	(0.761)	244874	21.5714	22
104 2,2-Dichloropropane	77	4.343	4.348	(0.800)	118703	19.4759	19
13 cis-1,2-Dichloroethene	96	4.364	4.364	(0.804)	80449	18.7116	19
18 2-Butanone	72	4.380	4.386	(0.807)	7507	19.9957	20
56 Ethyl Acetate	70	4.380	4.380	(0.807)	12296	36.4782	36
108 Bromochloromethane	128	4.594	4.594	(0.846)	34917	18.2021	18
160 Tetrahydrofuran	42	4.600	4.594	(0.847)	26888	22.9809	23
15 Chloroform	83	4.642	4.643	(0.855)	133303	19.9649	20
20 1,1,1-Trichloroethane	97	4.792	4.792	(0.883)	115877	19.3514	19
59 Cyclohexane	56	4.782	4.787	(0.881)	163394	21.4260	21
21 Carbon Tetrachloride	117	4.915	4.915	(0.905)	95831	18.6834	19
92 1,1-Dichloropropene	75	4.942	4.942	(0.910)	101200	18.0050	18
$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.156	5.156	(0.950)	154027	52.7645	53
28 Benzene	78	5.140	5.145	(0.947)	309343	19.2360	19
17 1,2-Dichloroethane	62	5.231	5.231	(0.964)	88312	20.3213	20
61 Isopropyl Acetate	43	5.193	5.199	(0.957)	348027	42.3877	42
140 tert-Amylmethyl Ether	73	5.210	5.210	(0.960)	209982	21.2340	21
* 69 Fluorobenzene	96	5.429	5.429	(1.000)	648602	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.648	(1.041)	45860	35.0686	35
25 Trichloroethene	95	5.782	5.782	(1.065)	70591	18.2556	18
63 n-Butanol	43	5.723	5.723	(1.054)	97743	1615.19	1600
96 Ethyl Acrylate	85	4.434	4.439	(0.817)	8262	19.2419	19
126 Methyl cyclohexane	83	5.916	5.916	(1.090)	146781	19.9881	20
23 1,2-Dichloropropane	63	6.082	6.082	(1.120)	77780	20.5358	20
109 Dibromomethane	93	6.205	6.205	(1.143)	38444	18.6190	19
95 1,4-Dioxane	88	6.194	6.189	(1.141)	5702	132.373	130
146 Methyl methacrylate	69	6.151	6.151	(1.133)	36870	19.6680	20
64 Propyl Acetate	43	6.205	6.205	(1.143)	92323	41.8832	42
22 Bromodichloromethane	83	6.354	6.355	(1.170)	88032	19.7219	20
30 2-Chloroethyl Vinyl Ether	63	6.697	6.697	(1.234)	21214	12.5460	12(R)
159 2-Nitropropane	41	5.060	5.060	(0.932)	435574		(a)
118 Epichlorohydrin	57	6.804	6.804	(1.253)	118859	397.554	400
24 cis-1,3-Dichloropropene	75	6.857	6.857	(1.263)	106830	20.0217	20

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03051.d
Report Date: 07-Aug-2012 14:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	7.028	7.029	(1.295)	64834	20.9896	21
$ 37 Toluene-d8 (SUR)	98	7.109	7.109	(0.799)	561477	52.4197	52
38 Toluene	91	7.189	7.189	(0.808)	312105	19.1168	19
29 trans-1,3-Dichloropropene	75	7.531	7.531	(0.846)	88041	20.9069	21
27 1,1,2-Trichloroethane	83	7.751	7.745	(0.871)	46586	19.6757	20
35 Tetrachloroethene	166	7.793	7.794	(0.876)	73384	18.1681	18
103 1,3-Dichloropropane	76	7.965	7.959	(0.895)	90227	20.5333	20
34 2-Hexanone	43	8.029	8.024	(0.902)	48923	25.6362	26(R)
26 Dibromochloromethane	129	8.195	8.189	(0.921)	56918	18.8370	19
65 Butyl Acetate	43	8.141	8.136	(0.915)	209654	45.0653	45
66 1,2-Dibromoethane	107	8.355	8.350	(0.939)	49408	19.1594	19
* 32 Chlorobenzene-d5	117	8.901	8.901	(1.000)	435436	50.0000	
39 Chlorobenzene	112	8.938	8.938	(1.004)	187956	19.7316	20
97 1,1,1,2-Tetrachloroethane	131	9.056	9.056	(1.017)	65359	18.3384	18
40 Ethylbenzene	106	9.045	9.040	(1.016)	103221	19.8039	20
43 m+p-Xylene	106	9.195	9.190	(1.033)	258166	39.6948	40
44 o-Xylene	106	9.628	9.629	(1.082)	129810	19.8885	20
42 Styrene	104	9.655	9.655	(1.085)	206739	20.2625	20
147 Butyl Acrylate	55	9.607	9.607	(0.873)	114596	21.2284	21
31 Bromoform	173	9.853	9.853	(1.107)	37069	17.6934	18
145 Amyl Acetate	43	9.826	9.826	(1.104)	113506	38.1128	38(R)
110 Isopropylbenzene	105	9.965	9.966	(1.120)	354174	20.3336	20
$ 41 Bromofluorobenzene (SUR)	174	10.142	10.137	(0.922)	197656	51.2185	51
150 Camphene	41	10.158	10.158	(0.923)	37140	22.5303	22
107 Bromobenzene	156	10.254	10.254	(0.932)	78707	18.4633	18
36 1,1,2,2-Tetrachloroethane	83	10.286	10.287	(0.935)	78022	20.6105	21
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	17976	18.4086	18
143 trans-1,4-Dichloro-2-butene	53	10.345	10.340	(1.906)	19013	19.4925	19
112 n-Propylbenzene	91	10.313	10.313	(0.937)	443405	20.5360	20
105 2-Chlorotoluene	91	10.404	10.399	(0.946)	286203	20.3844	20
161 4-Ethyltoluene	105	10.409	10.404	(1.917)	356456	21.0733	21(M)
106 4-Chlorotoluene	91	10.495	10.490	(0.954)	248928	20.4713	20
102 1,3,5-Trimethylbenzene	105	10.458	10.458	(0.950)	290430	19.7716	20
148 Butyl methacrylate	69	10.532	10.533	(0.957)	103134	21.4672	21
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	233155	19.2631	19
100 1,2,4-Trimethylbenzene	105	10.736	10.736	(0.976)	296136	19.8056	20
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	405034	20.2055	20
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	162363	19.2478	19
* 91 1,4-Dichlorobenzene-d4	152	11.003	10.998	(1.000)	229526	50.0000	
68 1,4-Dichlorobenzene	146	11.014	11.014	(1.001)	159453	18.7018	19
113 p-Isopropyltoluene	119	10.944	10.945	(0.995)	331994	20.1762	20
117 Benzyl chloride	91	11.116	11.116	(1.010)	123532	18.5224	18
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	155643	19.0446	19
162 1,4-Diethylbenzene	119	11.196	11.196	(2.062)	204156	20.0331	20(H)
111 n-Butylbenzene	91	11.212	11.212	(1.019)	412746	21.1717	21
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	13620	18.9714	19
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.667	(2.149)	298527	20.2267	20

Data File: /chem/VOAMS9.i/8260L_10/08-03-12/06aug12a.b/k03051.d
Report Date: 07-Aug-2012 14:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	12.169	12.170	(1.106)	32513	79.6064	80
	93 1,2,4-Trichlorobenzene	180	12.223	12.223	(1.111)	122859	18.2969	18
	94 Hexachlorobutadiene	225	12.287	12.287	(1.117)	69451	18.7323	19
	70 Naphthalene	128	12.394	12.400	(1.126)	269568	19.5678	20
	98 1,2,3-Trichlorobenzene	180	12.555	12.560	(1.141)	116978	18.4969	18
M	14 1,2-Dichloroethene (total)	100				153458	37.0509	37
M	45 Xylene (Total)	100				387976	59.5835	60

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: k03051.d

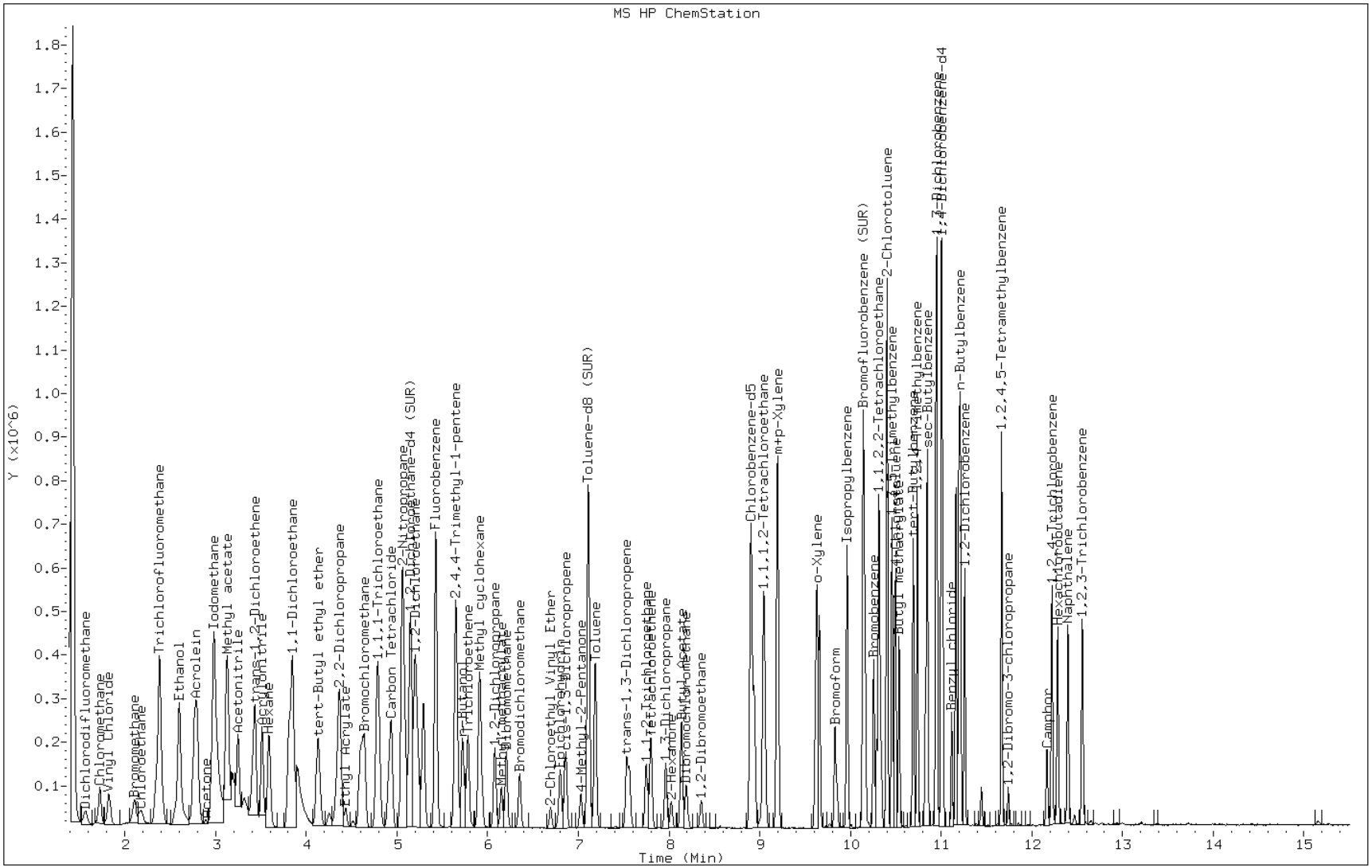
Date: 06-AUG-2012 21:43

Client ID:

Instrument: VOAMS9.i

Sample Info: LCSD

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-123008/4
Matrix: Solid
Lab File ID: o63145.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/07/2012 19:34
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123008
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	14.6		1.0	0.16
74-83-9	Bromomethane	17.0		1.0	0.43
75-01-4	Vinyl chloride	15.9		1.0	0.34
75-00-3	Chloroethane	19.7		1.0	0.33
75-09-2	Methylene Chloride	21.3		1.0	0.15
67-64-1	Acetone	21.4		10	1.7
75-15-0	Carbon disulfide	16.7		1.0	0.15
75-69-4	Trichlorofluoromethane	17.3		1.0	0.16
75-35-4	1,1-Dichloroethene	17.7		1.0	0.19
75-34-3	1,1-Dichloroethane	19.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.2		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.11
67-66-3	Chloroform	19.3		1.0	0.24
78-93-3	2-Butanone	20.0		10	0.63
107-06-2	1,2-Dichloroethane	18.0		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.13
56-23-5	Carbon tetrachloride	17.8		1.0	0.15
71-43-2	Benzene	19.9		1.0	0.15
75-25-2	Bromoform	18.1		1.0	0.17
100-42-5	Styrene	20.8		1.0	0.28
179601-23-1	m&p-Xylene	40.5		2.0	0.59
95-47-6	o-Xylene	19.9		1.0	0.19
100-41-4	Ethylbenzene	19.8		1.0	0.17
108-90-7	Chlorobenzene	19.7		1.0	0.18
110-82-7	Cyclohexane	17.9		1.0	0.13
98-82-8	Isopropylbenzene	19.8		1.0	0.11
591-78-6	2-Hexanone	21.0		10	0.13
1634-04-4	MTBE	19.8		1.0	0.11
76-13-1	Freon TF	17.9		1.0	0.11
79-20-9	Methyl acetate	19.8		1.0	0.32
123-91-1	1,4-Dioxane	153		50	13
79-01-6	Trichloroethene	20.2		1.0	0.12
108-88-3	Toluene	19.5		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.6		10	0.20
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-123008/4
Matrix: Solid
Lab File ID: o63145.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/07/2012 19:34
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123008
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.16
106-46-7	1,4-Dichlorobenzene	20.7		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	21.8		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	21.6		1.0	0.16
78-87-5	1,2-Dichloropropane	21.0		1.0	0.15
108-87-2	Methylcyclohexane	19.1		1.0	0.10
127-18-4	Tetrachloroethene	18.9		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	22.7		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	21.2		1.0	0.14
124-48-1	Dibromochloromethane	20.4		1.0	0.10
106-93-4	1,2-Dibromoethane	20.7		1.0	0.15
75-71-8	Dichlorodifluoromethane	15.9		1.0	0.22
74-97-5	Bromochloromethane	19.2		1.0	0.11
75-27-4	Bromodichloromethane	19.8		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63145.d
Report Date: 07-Aug-2012 20:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63145.d
Lab Smp Id: LCSD
Inj Date : 07-AUG-2012 19:34
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/8260L_10.m
Meth Date : 07-Aug-2012 19:54 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 3 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	68937	15.9333	16
1 Chloromethane	50	0.995	0.995	(0.269)	74776	14.6100	15
4 Vinyl Chloride	62	1.009	1.009	(0.272)	73182	15.9303	16
3 Bromomethane	94	1.166	1.167	(0.315)	45934	16.9503	17
5 Chloroethane	64	1.217	1.217	(0.329)	45965	19.7407	20
9 Trichlorofluoromethane	101	1.338	1.339	(0.362)	109160	17.2831	17
121 n-Pentane	72	1.381	1.382	(0.373)	28468	30.5708	30
127 Ethanol	46	1.460	1.460	(0.394)	50557	2722.86	2700
46 Ethyl Ether	59	1.496	1.496	(0.404)	55203	19.0392	19
119 Isoprene	67	1.503	1.503	(0.406)	100505	17.4366	17
157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	133166	18.0528	18
47 Acrolein	56	1.568	1.568	(0.423)	124866	274.032	270
10 1,1-Dichloroethene	96	1.618	1.611	(0.437)	58613	17.6761	18
48 Freon TF	101	1.618	1.618	(0.437)	75335	17.8956	18

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63145.d
Report Date: 07-Aug-2012 20:04

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.654	1.654	(0.447)	17902	21.3808	21
142 Iodomethane	142	1.704	1.704	(0.460)	82045	16.2468	16
8 Carbon Disulfide	76	1.732	1.733	(0.468)	196858	16.6720	17
50 Acetonitrile	41	1.818	1.819	(0.491)	336516	409.207	410
125 Methyl acetate	74	1.840	1.840	(0.497)	12576	19.8156	20
6 Methylene Chloride	84	1.897	1.897	(0.512)	76188	21.3493	21
51 TBA	59	1.983	1.983	(0.536)	127170	358.232	360
52 Acrylonitrile	53	2.055	2.055	(0.555)	155446	133.867	130
12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	74831	18.1824	18
53 MTBE	73	2.062	2.062	(0.557)	183087	19.7907	20
54 Hexane	56	2.227	2.227	(0.601)	52917	16.6212	17
11 1,1-Dichloroethane	63	2.334	2.334	(0.630)	135714	19.2296	19
57 Vinyl Acetate	43	2.384	2.377	(0.644)	292839	35.9825	36
55 DIPE	45	2.391	2.384	(0.646)	227753	19.5342	20
149 tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	199816	20.2562	20
104 2,2-Dichloropropane	77	2.742	2.743	(0.741)	107735	17.4630	17
13 cis-1,2-Dichloroethene	96	2.750	2.750	(0.743)	86234	19.2496	19
18 2-Butanone	72	2.771	2.778	(0.748)	7696	19.9513	20
56 Ethyl Acetate	70	2.828	2.821	(0.764)	12585	44.0078	44
108 Bromochloromethane	128	2.929	2.929	(0.791)	39012	19.2265	19
160 Tetrahydrofuran	42	2.972	2.972	(0.803)	25860	25.2964	25(R)
15 Chloroform	83	3.000	3.000	(0.810)	132778	19.3364	19
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	112742	18.8901	19
59 Cyclohexane	56	3.165	3.165	(0.855)	137331	17.8920	18
21 Carbon Tetrachloride	117	3.265	3.265	(0.882)	88734	17.8389	18
92 1,1-Dichloropropene	75	3.272	3.265	(0.884)	106771	18.4520	18
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	103126	45.9073	46
28 Benzene	78	3.444	3.445	(0.930)	308746	19.9423	20
17 1,2-Dichloroethane	62	3.480	3.473	(0.940)	79358	17.9697	18
61 Isopropyl Acetate	43	3.566	3.566	(0.963)	259443	41.9535	42
140 tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	176552	21.1297	21
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	546739	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.083)	59181	39.5898	40
25 Trichloroethene	95	4.053	4.053	(1.095)	79027	20.1718	20
63 n-Butanol	43	4.082	4.075	(1.103)	69541	1490.09	1500
96 Ethyl Acrylate	85	4.218	4.218	(1.139)	3648	22.4643	22
126 Methyl cyclohexane	83	4.225	4.225	(1.141)	142820	19.1410	19
23 1,2-Dichloropropane	63	4.282	4.283	(1.157)	76534	21.0182	21
109 Dibromomethane	93	4.397	4.397	(1.188)	39322	19.6922	20
95 1,4-Dioxane	88	4.461	4.447	(1.205)	6431	152.642	150
146 Methyl methacrylate	69	4.454	4.455	(1.203)	41064	20.4755	20
64 Propyl Acetate	43	4.540	4.533	(1.226)	76825	38.4401	38
22 Bromodichloromethane	83	4.590	4.583	(1.240)	91543	19.8027	20
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	43282	23.5358	24
159 2-Nitropropane	41	5.006	5.006	(1.352)	4428		(a)
118 Epichlorohydrin	57	5.013	5.013	(1.354)	121880	408.347	410
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	111103	20.4833	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63145.d
Report Date: 07-Aug-2012 20:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	51657	19.5769	20
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	418384	49.5652	50
	38 Toluene	91	5.464	5.465	(0.752)	337696	19.4556	19
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	91774	17.9665	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	49564	21.1815	21
	35 Tetrachloroethene	166	6.130	6.131	(0.843)	90369	18.9056	19
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	102377	20.5933	20
	34 2-Hexanone	43	6.388	6.389	(0.879)	38447	20.9612	21
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	65766	20.4311	20
	65 Butyl Acetate	43	6.610	6.603	(0.909)	175983	38.7999	39
	66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	58231	20.7072	21
*	32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	416165	50.0000	
	39 Chlorobenzene	112	7.305	7.313	(1.005)	213161	19.7180	20
	97 1,1,1,2-Tetrachloroethane	131	7.463	7.456	(1.027)	71487	18.3790	18
	40 Ethylbenzene	106	7.506	7.513	(1.033)	118631	19.8180	20
	43 m+p-Xylene	106	7.692	7.692	(1.058)	301032	40.4770	40
	44 o-Xylene	106	8.272	8.272	(1.138)	146470	19.9421	20
	42 Styrene	104	8.301	8.301	(1.142)	252277	20.8443	21
	147 Butyl Acrylate	55	8.380	8.373	(0.766)	117003	20.2979	20
	31 Bromoform	173	8.537	8.537	(1.174)	41957	18.1001	18
	145 Amyl Acetate	43	8.766	8.767	(1.206)	58713	20.1858	20
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	392134	19.8067	20
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	169082	50.3952	50
	150 Camphene	41	9.196	9.204	(0.841)	29331	17.9832	18
	107 Bromobenzene	156	9.254	9.254	(0.846)	96930	20.0093	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	74954	20.8085	21
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	22843	20.8622	21
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	20891	21.1316	21
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	475547	20.1652	20
	105 2-Chlorotoluene	91	9.597	9.598	(0.878)	266326	20.1891	20
	161 4-Ethyltoluene	105	9.726	9.727	(2.627)	402526	20.1359	20
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	276337	20.4519	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	328255	20.2552	20
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	105097	18.4769	18
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	301042	20.0626	20
	100 1,2,4-Trimethylbenzene	105	10.428	10.436	(0.953)	337571	20.7698	21
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	444186	19.5475	20
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	198319	20.5369	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	239498	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	198835	20.6982	21
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	375719	19.9466	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	128900	16.8426	17
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	182997	20.3092	20
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.128)	244171	20.2830	20
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	419009	19.8975	20
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	18272	22.6730	23
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	368995	20.8870	21

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/07aug12a.b/o63145.d
Report Date: 07-Aug-2012 20:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	46844	115.573	120
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	161225	21.8137	22
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	91826	19.6111	20
	70 Naphthalene	128	13.473	13.473	(1.232)	317310	22.0689	22
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.251)	144339	21.5915	22
M	14 1,2-Dichloroethene (total)	100				161065	37.4320	37
M	45 Xylene (Total)	100				447502	60.4216	60

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o63145.d

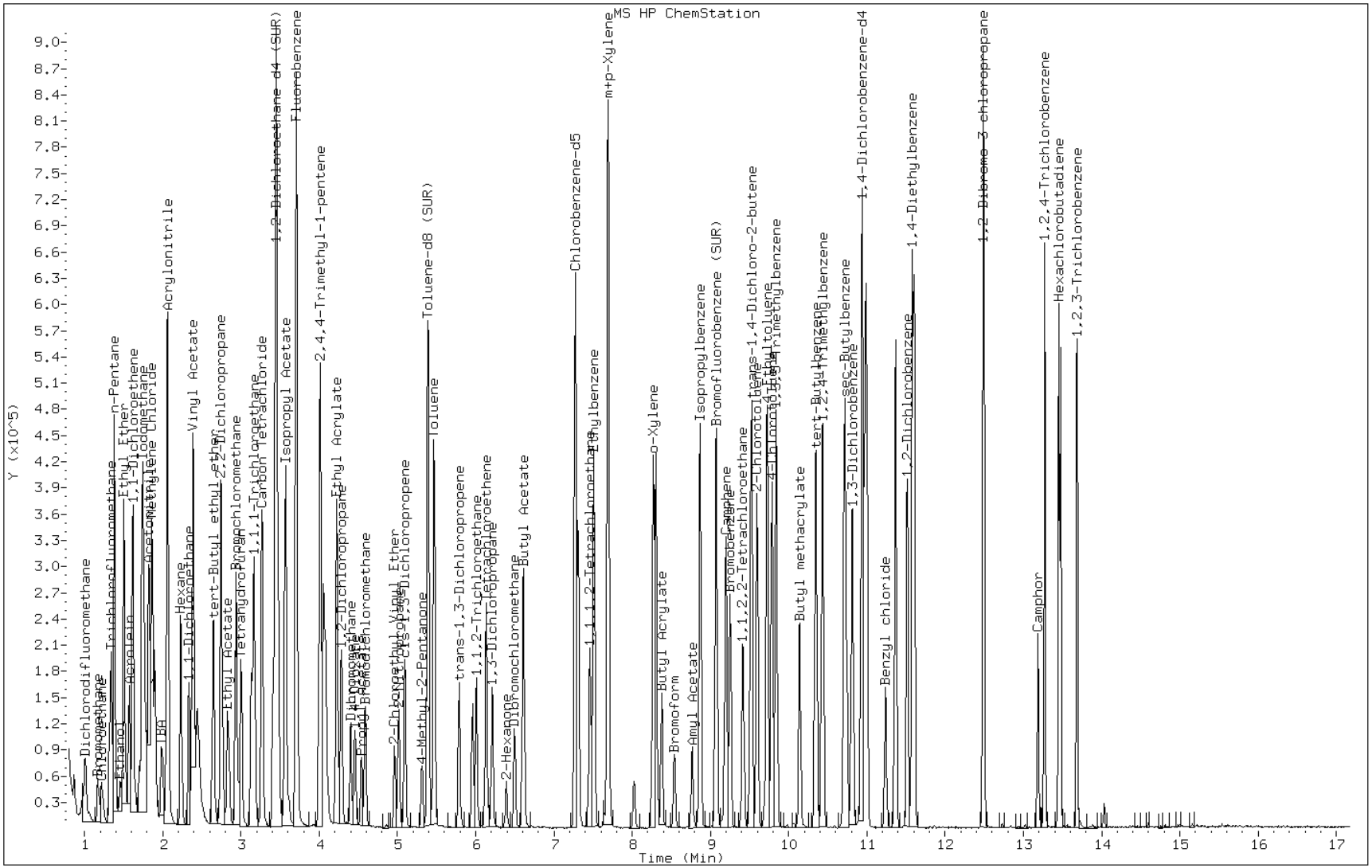
Date: 07-AUG-2012 19:34

Client ID:

Instrument: VOAMS12.i

Sample Info: LCSD

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-123371/4

Matrix: Solid | Lab File ID: o63240.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/09/2012 20:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.9		1.0	0.16
74-83-9	Bromomethane	20.7		1.0	0.43
75-01-4	Vinyl chloride	18.8		1.0	0.34
75-00-3	Chloroethane	23.1		1.0	0.33
75-09-2	Methylene Chloride	21.0		1.0	0.15
67-64-1	Acetone	21.3		10	1.7
75-15-0	Carbon disulfide	14.7		1.0	0.15
75-69-4	Trichlorofluoromethane	18.5		1.0	0.16
75-35-4	1,1-Dichloroethene	17.4		1.0	0.19
75-34-3	1,1-Dichloroethane	19.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.11
67-66-3	Chloroform	19.7		1.0	0.24
78-93-3	2-Butanone	19.8		10	0.63
107-06-2	1,2-Dichloroethane	19.0		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.0		1.0	0.13
56-23-5	Carbon tetrachloride	19.3		1.0	0.15
71-43-2	Benzene	20.4		1.0	0.15
75-25-2	Bromoform	18.8		1.0	0.17
100-42-5	Styrene	21.0		1.0	0.28
179601-23-1	m&p-Xylene	40.9		2.0	0.59
95-47-6	o-Xylene	20.2		1.0	0.19
100-41-4	Ethylbenzene	19.7		1.0	0.17
108-90-7	Chlorobenzene	20.7		1.0	0.18
110-82-7	Cyclohexane	17.5		1.0	0.13
98-82-8	Isopropylbenzene	20.1		1.0	0.11
591-78-6	2-Hexanone	19.8		10	0.13
1634-04-4	MTBE	20.1		1.0	0.11
76-13-1	Freon TF	18.4		1.0	0.11
79-20-9	Methyl acetate	21.0		1.0	0.32
123-91-1	1,4-Dioxane	152		50	13
79-01-6	Trichloroethene	19.7		1.0	0.12
108-88-3	Toluene	19.9		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.10
108-10-1	4-Methyl-2-pentanone	20.2		10	0.20
10061-01-5	cis-1,3-Dichloropropene	21.9		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-123371/4
Matrix: Solid
Lab File ID: o63240.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/09/2012 20:23
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123371
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.16
106-46-7	1,4-Dichlorobenzene	20.7		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.8		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	21.4		1.0	0.16
78-87-5	1,2-Dichloropropane	20.6		1.0	0.15
108-87-2	Methylcyclohexane	18.3		1.0	0.10
127-18-4	Tetrachloroethene	18.5		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	21.4		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	21.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	21.6		1.0	0.14
124-48-1	Dibromochloromethane	21.2		1.0	0.10
106-93-4	1,2-Dibromoethane	20.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.8		1.0	0.22
74-97-5	Bromochloromethane	19.2		1.0	0.11
75-27-4	Bromodichloromethane	21.1		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63240.d
Report Date: 10-Aug-2012 07:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63240.d
Lab Smp Id: LCSD
Inj Date : 09-AUG-2012 20:23
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/8260L_10.m
Meth Date : 09-Aug-2012 21:27 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 3 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	71887	16.8073	17
1 Chloromethane	50	0.995	0.995	(0.268)	90635	17.9135	18
4 Vinyl Chloride	62	1.009	1.009	(0.272)	85442	18.8142	19
3 Bromomethane	94	1.166	1.167	(0.314)	55574	20.7447	21
5 Chloroethane	64	1.217	1.217	(0.328)	53137	23.0849	23
9 Trichlorofluoromethane	101	1.345	1.339	(0.363)	115234	18.4560	18
121 n-Pentane	72	1.381	1.382	(0.372)	27104	29.4429	29
127 Ethanol	46	1.453	1.467	(0.392)	47637	2595.26	2600
46 Ethyl Ether	59	1.496	1.496	(0.403)	52797	18.4201	18
119 Isoprene	67	1.503	1.503	(0.405)	98055	17.2083	17
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	135043	18.5192	18
47 Acrolein	56	1.568	1.568	(0.423)	115478	256.362	260
10 1,1-Dichloroethene	96	1.618	1.618	(0.436)	57048	17.4032	17
48 Freon TF	101	1.618	1.618	(0.436)	76589	18.4040	18

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63240.d
Report Date: 10-Aug-2012 07:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.661	(0.448)	17664	21.3407	21
142 Iodomethane	142	1.704	1.704	(0.459)	85298	17.0864	17
8 Carbon Disulfide	76	1.732	1.733	(0.467)	171195	14.6664	15
50 Acetonitrile	41	1.818	1.818	(0.490)	329735	405.602	400
125 Methyl acetate	74	1.840	1.840	(0.496)	13169	20.9888	21
6 Methylene Chloride	84	1.897	1.897	(0.511)	74259	21.0495	21
51 TBA	59	1.990	1.990	(0.537)	120296	342.791	340
52 Acrylonitrile	53	2.055	2.055	(0.554)	154195	134.327	130
12 trans-1,2-Dichloroethene	96	2.062	2.055	(0.556)	76757	18.8663	19
53 MTBE	73	2.069	2.062	(0.558)	184046	20.1246	20
54 Hexane	56	2.227	2.227	(0.600)	49569	15.7498	16
11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	137562	19.7170	20
57 Vinyl Acetate	43	2.384	2.377	(0.643)	307679	38.2435	38
55 DIPE	45	2.391	2.384	(0.645)	232707	20.1901	20
149 tert-Butyl ethyl ether	59	2.649	2.642	(0.714)	196364	20.1366	20
104 2,2-Dichloropropane	77	2.742	2.743	(0.739)	112589	18.4610	18
13 cis-1,2-Dichloroethene	96	2.749	2.750	(0.741)	87631	19.7878	20
18 2-Butanone	72	2.778	2.778	(0.749)	7561	19.8260	20
56 Ethyl Acetate	70	2.828	2.828	(0.762)	11848	41.9089	42
108 Bromochloromethane	128	2.936	2.929	(0.791)	38440	19.1636	19
160 Tetrahydrofuran	42	2.971	2.972	(0.801)	23748	23.4991	23
15 Chloroform	83	3.000	3.000	(0.809)	133639	19.6869	20
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	111914	18.9684	19
59 Cyclohexane	56	3.165	3.165	(0.853)	132810	17.5032	18
21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	94715	19.2616	19
92 1,1-Dichloropropene	75	3.272	3.265	(0.882)	110617	19.3379	19
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	102043	45.9508	46
28 Benzene	78	3.444	3.444	(0.929)	312562	20.4224	20
17 1,2-Dichloroethane	62	3.480	3.473	(0.938)	83017	19.0158	19
61 Isopropyl Acetate	43	3.566	3.566	(0.961)	258197	42.2353	42
140 tert-Amylmethyl Ether	73	3.573	3.566	(0.963)	173441	20.9976	21
* 69 Fluorobenzene	96	3.709	3.710	(1.000)	540483	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	56141	37.9907	38
25 Trichloroethene	95	4.053	4.053	(1.093)	76235	19.6842	20
63 n-Butanol	43	4.082	4.082	(1.100)	69729	1511.40	1500
96 Ethyl Acrylate	85	4.218	4.218	(1.137)	3689	22.9789	23
126 Methyl cyclohexane	83	4.225	4.225	(1.139)	135113	18.3177	18
23 1,2-Dichloropropane	63	4.282	4.283	(1.154)	74026	20.5647	20
109 Dibromomethane	93	4.404	4.397	(1.187)	39081	19.7979	20
95 1,4-Dioxane	88	4.461	4.454	(1.203)	6330	151.965	150
146 Methyl methacrylate	69	4.454	4.454	(1.201)	40261	20.3075	20
64 Propyl Acetate	43	4.540	4.533	(1.224)	75542	38.2356	38
22 Bromodichloromethane	83	4.590	4.591	(1.238)	96586	21.1354	21
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	43083	23.6988	24
159 2-Nitropropane	41	5.013	5.013	(1.351)	4235		(a)
118 Epichlorohydrin	57	5.013	5.013	(1.351)	114472	387.965	390
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	117205	21.8584	22

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63240.d
Report Date: 10-Aug-2012 07:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	52762	20.2270	20
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	430835	50.4280	50
38 Toluene	91	5.464	5.464	(0.752)	348964	19.8636	20
29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	93723	18.1277	18
27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	51243	21.6360	22
35 Tetrachloroethene	166	6.130	6.138	(0.843)	89708	18.5421	18
103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	106319	21.1296	21
34 2-Hexanone	43	6.395	6.388	(0.880)	36817	19.8314	20
26 Dibromochloromethane	129	6.496	6.496	(0.894)	69014	21.1829	21
65 Butyl Acetate	43	6.610	6.603	(0.909)	173262	37.7416	38
66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	59223	20.8072	21
* 32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	421218	50.0000	
39 Chlorobenzene	112	7.312	7.313	(1.006)	226108	20.6647	21
97 1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.027)	71579	18.1819	18
40 Ethylbenzene	106	7.506	7.513	(1.033)	119487	19.7215	20
43 m+p-Xylene	106	7.692	7.692	(1.058)	307976	40.9139	41
44 o-Xylene	106	8.272	8.272	(1.138)	149934	20.1688	20
42 Styrene	104	8.301	8.301	(1.142)	257236	20.9991	21
147 Butyl Acrylate	55	8.380	8.380	(0.766)	113643	19.3695	19
31 Bromoform	173	8.537	8.537	(1.174)	44027	18.7630	19
145 Amyl Acetate	43	8.766	8.767	(1.206)	55370	18.8079	19
110 Isopropylbenzene	105	8.867	8.867	(1.220)	402837	20.1032	20
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	171488	50.2169	50
150 Camphene	41	9.196	9.196	(0.841)	30012	18.0780	18
107 Bromobenzene	156	9.254	9.254	(0.846)	97181	19.7097	20
36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	79393	21.6547	22
99 1,2,3-Trichloropropane	110	9.418	9.426	(0.861)	23558	21.1381	21
143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	21129	21.6189	22
112 n-Propylbenzene	91	9.526	9.526	(0.871)	475424	19.8069	20
105 2-Chlorotoluene	91	9.597	9.598	(0.878)	265741	19.7918	20
161 4-Ethyltoluene	105	9.726	9.726	(2.622)	389823	19.7262	20
106 4-Chlorotoluene	91	9.784	9.784	(0.895)	282158	20.5168	20
102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	331592	20.1027	20
148 Butyl methacrylate	69	10.142	10.142	(0.927)	102859	17.7666	18
115 tert-Butylbenzene	119	10.349	10.350	(0.946)	302254	19.7905	20
100 1,2,4-Trimethylbenzene	105	10.435	10.436	(0.954)	337819	20.4210	20
114 sec-Butylbenzene	105	10.715	10.715	(0.980)	461855	19.9690	20
67 1,3-Dichlorobenzene	146	10.808	10.815	(0.988)	198467	20.1922	20
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	243768	50.0000	
68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	202142	20.6739	21
113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	386813	20.1758	20
117 Benzyl chloride	91	11.238	11.238	(1.028)	127189	16.3279	16
69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	186546	20.3404	20
162 1,4-Diethylbenzene	119	11.581	11.582	(3.122)	240450	20.2051	20
111 n-Butylbenzene	91	11.603	11.603	(1.061)	428254	19.9803	20
101 1,2-Dibromo-3-chloropropane	75	12.484	12.477	(1.141)	17568	21.4165	21
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.368)	357276	20.4578	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/09aug12a.b/o63240.d
Report Date: 10-Aug-2012 07:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	42553	103.148	100
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	156829	20.8472	21
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	93082	19.5311	20
	70 Naphthalene	128	13.473	13.473	(1.232)	320536	21.9027	22
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.252)	145478	21.3806	21
M	14 1,2-Dichloroethene (total)	100				164388	38.6541	39
M	45 Xylene (Total)	100				457910	61.0851	61

QC Flag Legend

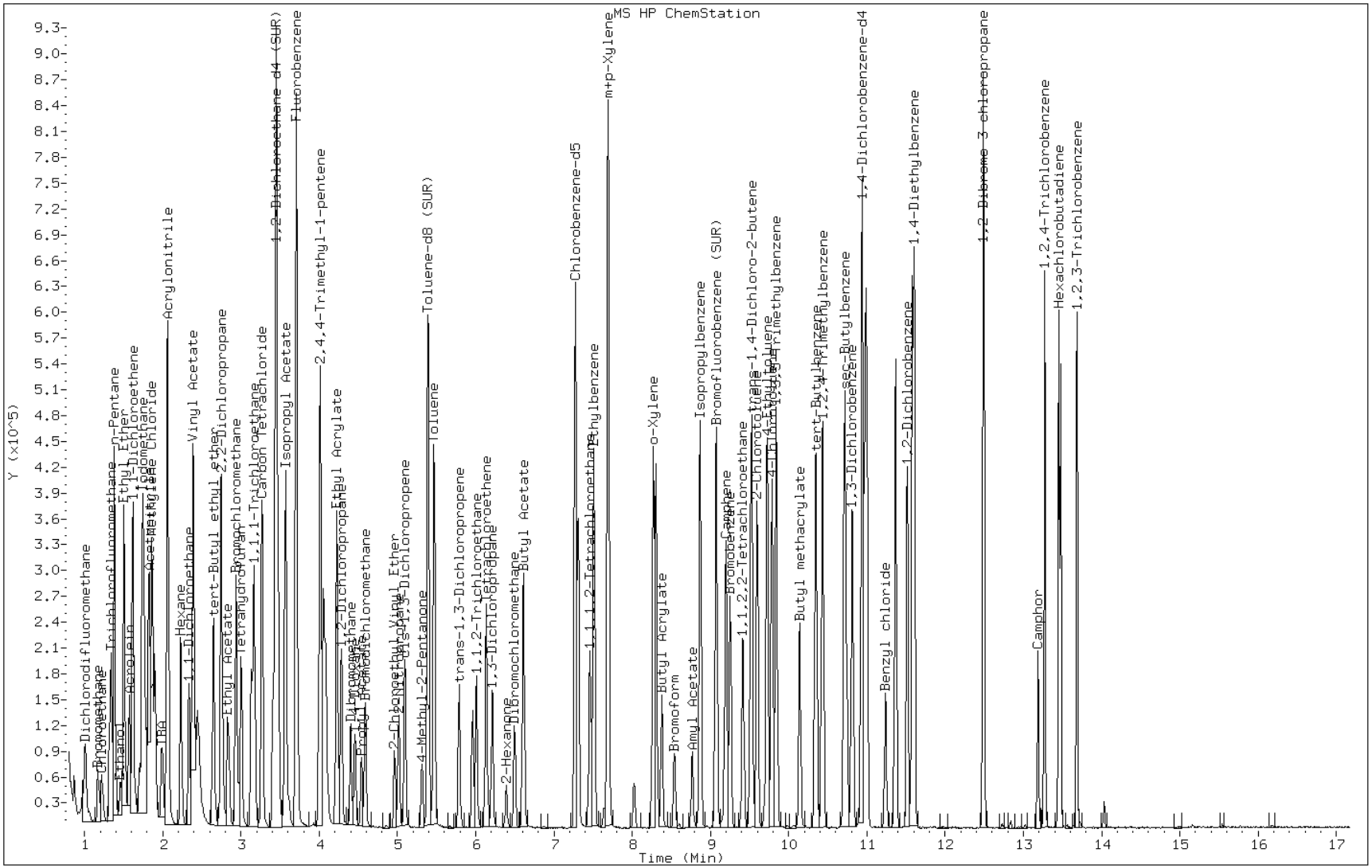
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o63240.d

Date: 09-AUG-2012 20:23

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-123838/4

Matrix: Solid | Lab File ID: o63350.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/13/2012 19:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 123838 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.6		1.0	0.16
74-83-9	Bromomethane	18.4		1.0	0.43
75-01-4	Vinyl chloride	18.9		1.0	0.34
75-00-3	Chloroethane	22.8		1.0	0.33
75-09-2	Methylene Chloride	23.1		1.0	0.15
67-64-1	Acetone	22.7		10	1.7
75-15-0	Carbon disulfide	21.4		1.0	0.15
75-69-4	Trichlorofluoromethane	18.9		1.0	0.16
75-35-4	1,1-Dichloroethene	18.7		1.0	0.19
75-34-3	1,1-Dichloroethane	21.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.11
67-66-3	Chloroform	21.5		1.0	0.24
78-93-3	2-Butanone	21.3		10	0.63
107-06-2	1,2-Dichloroethane	20.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.13
56-23-5	Carbon tetrachloride	19.6		1.0	0.15
71-43-2	Benzene	21.3		1.0	0.15
75-25-2	Bromoform	18.3		1.0	0.17
100-42-5	Styrene	21.0		1.0	0.28
179601-23-1	m&p-Xylene	41.1		2.0	0.59
95-47-6	o-Xylene	20.4		1.0	0.19
100-41-4	Ethylbenzene	20.2		1.0	0.17
108-90-7	Chlorobenzene	19.9		1.0	0.18
110-82-7	Cyclohexane	20.4		1.0	0.13
98-82-8	Isopropylbenzene	19.6		1.0	0.11
591-78-6	2-Hexanone	19.8		10	0.13
1634-04-4	MTBE	20.4		1.0	0.11
76-13-1	Freon TF	19.7		1.0	0.11
79-20-9	Methyl acetate	20.3		1.0	0.32
123-91-1	1,4-Dioxane	172		50	13
79-01-6	Trichloroethene	19.9		1.0	0.12
108-88-3	Toluene	19.8		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	21.2		10	0.20
10061-01-5	cis-1,3-Dichloropropene	21.8		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-123838/4
Matrix: Solid
Lab File ID: o63350.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/13/2012 19:11
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 123838
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.16
106-46-7	1,4-Dichlorobenzene	20.2		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.9		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.9		1.0	0.16
78-87-5	1,2-Dichloropropane	21.0		1.0	0.15
108-87-2	Methylcyclohexane	20.3		1.0	0.10
127-18-4	Tetrachloroethene	18.5		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	23.0		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.9		1.0	0.14
124-48-1	Dibromochloromethane	20.7		1.0	0.10
106-93-4	1,2-Dibromoethane	20.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.4		1.0	0.22
74-97-5	Bromochloromethane	21.1		1.0	0.11
75-27-4	Bromodichloromethane	21.4		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	111		70-130

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63350.d
Report Date: 13-Aug-2012 20:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63350.d
Lab Smp Id: LCSD
Inj Date : 13-AUG-2012 19:11
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/8260L_10.m
Meth Date : 13-Aug-2012 20:17 martinez Quant Type: ISTD
Cal Date : 21-JUL-2012 02:40 Cal File: o62505.d
Als bottle: 3 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.873	0.866	(0.235)	62794	16.3757	16
1 Chloromethane	50	0.988	0.995	(0.266)	79712	17.5728	18
4 Vinyl Chloride	62	1.009	1.009	(0.272)	77104	18.9377	19
3 Bromomethane	94	1.167	1.167	(0.314)	44101	18.3620	18
5 Chloroethane	64	1.217	1.217	(0.328)	47097	22.8224	23
9 Trichlorofluoromethane	101	1.339	1.338	(0.361)	105737	18.8893	19
121 n-Pentane	72	1.382	1.381	(0.372)	31291	37.9139	38
127 Ethanol	46	1.453	1.460	(0.392)	50366	3060.60	3100
46 Ethyl Ether	59	1.496	1.496	(0.403)	55759	21.6988	22
119 Isoprene	67	1.503	1.503	(0.405)	102841	20.1310	20
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	135441	20.7173	21
47 Acrolein	56	1.568	1.568	(0.423)	107098	265.196	260
10 1,1-Dichloroethene	96	1.611	1.611	(0.434)	55089	18.7451	19
48 Freon TF	101	1.618	1.618	(0.436)	73654	19.7414	20

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63350.d
Report Date: 13-Aug-2012 20:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7 Acetone	43	1.661	1.654	(0.448)	16838	22.6919	23
142 Iodomethane	142	1.704	1.704	(0.459)	89426	19.9806	20
8 Carbon Disulfide	76	1.733	1.732	(0.467)	223432	21.3505	21
50 Acetonitrile	41	1.818	1.818	(0.490)	343361	471.105	470
125 Methyl acetate	74	1.840	1.840	(0.496)	11444	20.3456	20
6 Methylene Chloride	84	1.897	1.897	(0.511)	72977	23.0734	23
51 TBA	59	1.983	1.983	(0.535)	113675	361.307	360
52 Acrylonitrile	53	2.055	2.055	(0.554)	153434	149.089	150
12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	73328	20.1036	20
53 MTBE	73	2.062	2.062	(0.556)	167019	20.3704	20
54 Hexane	56	2.227	2.227	(0.600)	54318	19.2507	19
11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	132439	21.1735	21
57 Vinyl Acetate	43	2.377	2.377	(0.641)	302921	41.9972	42
55 DIPE	45	2.384	2.384	(0.643)	220676	21.3559	21
149 tert-Butyl ethyl ether	59	2.649	2.642	(0.714)	181655	20.7780	21
104 2,2-Dichloropropane	77	2.743	2.742	(0.739)	101166	18.5024	18
13 cis-1,2-Dichloroethene	96	2.750	2.750	(0.741)	85065	21.4252	21
18 2-Butanone	72	2.778	2.778	(0.749)	7282	21.3003	21
56 Ethyl Acetate	70	2.828	2.828	(0.762)	11420	45.0565	45
108 Bromochloromethane	128	2.929	2.929	(0.790)	37973	21.1155	21
160 Tetrahydrofuran	42	2.972	2.972	(0.801)	25416	28.0521	28(R)
15 Chloroform	83	3.000	3.000	(0.809)	130822	21.4960	21
20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	105908	20.0220	20
59 Cyclohexane	56	3.165	3.165	(0.853)	138983	20.4305	20
21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	86199	19.5529	20
92 1,1-Dichloropropene	75	3.273	3.265	(0.882)	100751	19.6458	20
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	106588	53.5367	54
28 Benzene	78	3.445	3.444	(0.929)	291737	21.2615	21
17 1,2-Dichloroethane	62	3.480	3.473	(0.938)	79410	20.2888	20
61 Isopropyl Acetate	43	3.566	3.566	(0.961)	237273	43.2916	43
140 tert-Amylmethyl Ether	73	3.573	3.566	(0.963)	153626	20.7451	21
* 69 Fluorobenzene	96	3.710	3.702	(1.000)	484564	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	4.018	4.010	(1.083)	55144	41.6227	42
25 Trichloroethene	95	4.053	4.053	(1.093)	69018	19.8775	20
63 n-Butanol	43	4.082	4.082	(1.100)	67457	1630.90	1600
96 Ethyl Acrylate	85	4.225	4.218	(1.139)	3288	22.8506	23
126 Methyl cyclohexane	83	4.225	4.225	(1.139)	134551	20.3466	20
23 1,2-Dichloropropane	63	4.283	4.282	(1.154)	67684	20.9728	21
109 Dibromomethane	93	4.397	4.397	(1.185)	38888	21.9741	22
95 1,4-Dioxane	88	4.462	4.469	(1.203)	6413	171.750	170
146 Methyl methacrylate	69	4.454	4.454	(1.201)	37788	21.2598	21
64 Propyl Acetate	43	4.540	4.540	(1.224)	70722	39.9269	40
22 Bromodichloromethane	83	4.591	4.583	(1.238)	87771	21.4231	21
30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	40623	24.9248	25(R)
159 2-Nitropropane	41	5.006	5.013	(1.349)	4914		(a)
118 Epichlorohydrin	57	5.013	5.013	(1.351)	118758	448.940	450
24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	104714	21.7825	22

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63350.d
Report Date: 13-Aug-2012 20:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	49507	21.1697	21
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	431445	54.3052	54
	38 Toluene	91	5.464	5.464	(0.752)	323903	19.8266	20
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	85901	17.8670	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	46116	20.9389	21
	35 Tetrachloroethene	166	6.131	6.131	(0.843)	83367	18.5300	18
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	97362	20.8079	21
	34 2-Hexanone	43	6.388	6.388	(0.879)	34156	19.7848	20
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	62774	20.7199	21
	65 Butyl Acetate	43	6.611	6.603	(0.909)	162364	38.0333	38
	66 1,2-Dibromoethane	107	6.611	6.610	(0.909)	54075	20.4306	20
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	391698	50.0000	
	39 Chlorobenzene	112	7.313	7.312	(1.006)	202893	19.9405	20
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	64129	17.5174	18
	40 Ethylbenzene	106	7.513	7.513	(1.034)	114051	20.2431	20
	43 m+p-Xylene	106	7.692	7.692	(1.058)	287660	41.0950	41
	44 o-Xylene	106	8.272	8.272	(1.138)	140841	20.3735	20
	42 Styrene	104	8.301	8.308	(1.142)	238775	20.9611	21
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	105866	19.3431	19
	31 Bromoform	173	8.537	8.537	(1.174)	39910	18.2921	18
	145 Amyl Acetate	43	8.767	8.767	(1.206)	57616	21.0460	21
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	364642	19.5685	20
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	176853	55.5165	56
	150 Camphene	41	9.196	9.196	(0.841)	27292	17.6231	18
	107 Bromobenzene	156	9.254	9.254	(0.846)	91236	19.8361	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	73366	21.4515	21
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	21356	20.5421	20
	143 trans-1,4-Dichloro-2-butene	53	9.497	9.504	(2.560)	18730	21.3760	21
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	451903	20.1824	20
	105 2-Chlorotoluene	91	9.598	9.597	(0.878)	253124	20.2094	20
	161 4-Ethyltoluene	105	9.726	9.726	(2.622)	374178	21.1196	21
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	260010	20.2675	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	300800	19.5488	20
	148 Butyl methacrylate	69	10.135	10.142	(0.927)	95063	17.6022	18
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	278733	19.5643	20
	100 1,2,4-Trimethylbenzene	105	10.428	10.435	(0.954)	312457	20.2476	20
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	415453	19.2560	19
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	185567	20.2390	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	227397	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	183928	20.1653	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	353389	19.7595	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	121557	16.7284	17
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	173829	20.3183	20
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	224908	21.0801	21
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	388066	19.4087	19
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	17590	22.9877	23
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	337658	21.5657	22

Data File: /chem/VOAMS12.i/8260L_10/07-20-12/13aug12a.b/o63350.d
Report Date: 13-Aug-2012 20:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	44821	116.468	120
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	146725	20.9083	21
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	81526	18.3379	18
	70 Naphthalene	128	13.473	13.473	(1.232)	296850	21.7446	22
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	132427	20.8637	21
M	14 1,2-Dichloroethene (total)	100				158394	41.5289	42
M	45 Xylene (Total)	100				428501	61.4700	61

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o63350.d

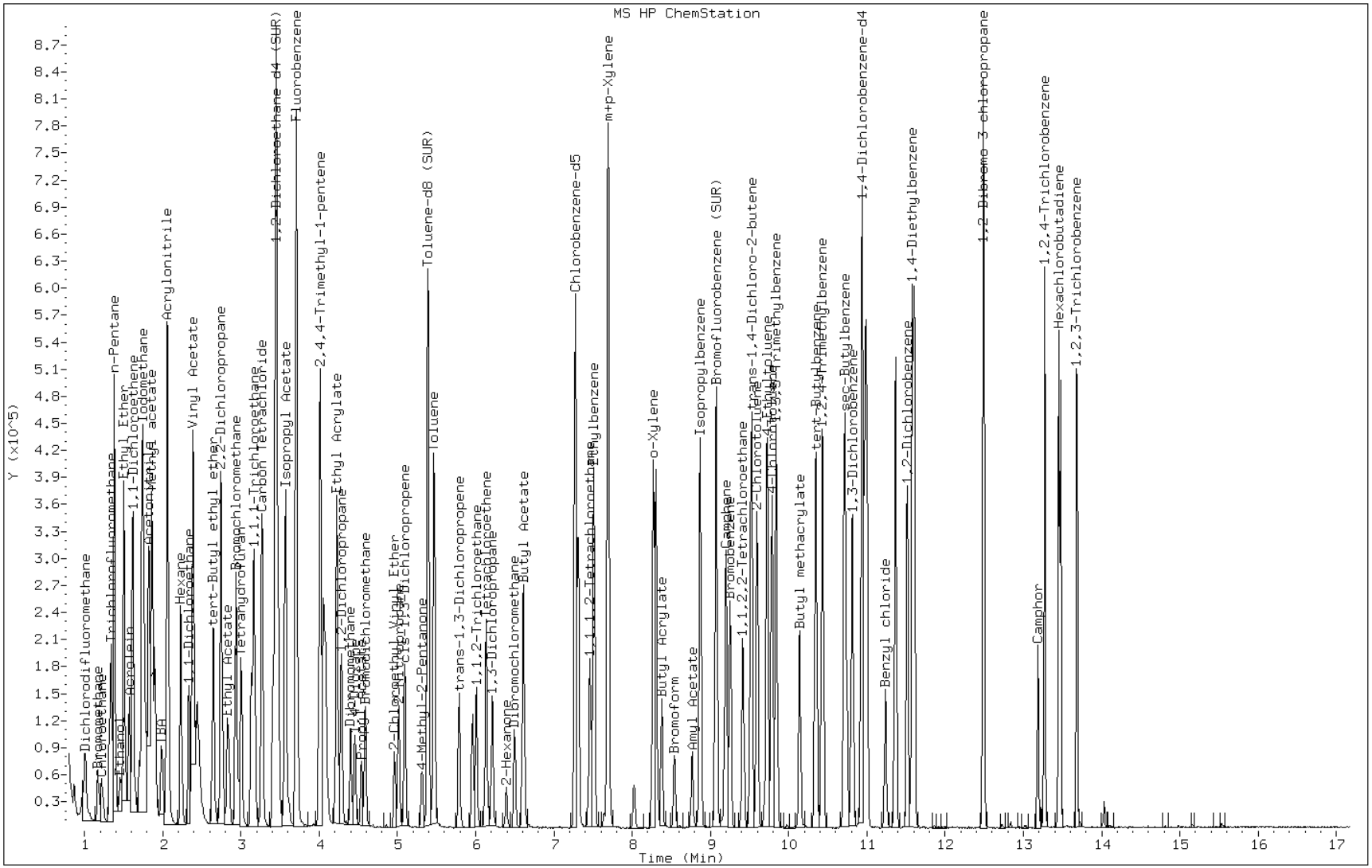
Date: 13-AUG-2012 19:11

Client ID:

Instrument: VOAMS12.i

Sample Info: LCSD

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MS | Lab Sample ID: 460-42971-3 MS

Matrix: Solid | Lab File ID: o63281.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:25

Sample wt/vol: 4.00(g) | Date Analyzed: 08/10/2012 15:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 28.0 | Level: (low/med) Low

Analysis Batch No.: 123432 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	23.5		1.7	0.28
74-83-9	Bromomethane	28.6		1.7	0.75
75-01-4	Vinyl chloride	24.9		1.7	0.59
75-00-3	Chloroethane	29.2		1.7	0.57
75-09-2	Methylene Chloride	27.6		1.7	0.26
67-64-1	Acetone	65.9		17	2.9
75-15-0	Carbon disulfide	15.9		1.7	0.26
75-69-4	Trichlorofluoromethane	24.5		1.7	0.28
75-35-4	1,1-Dichloroethene	25.3		1.7	0.33
75-34-3	1,1-Dichloroethane	24.4		1.7	0.19
156-60-5	trans-1,2-Dichloroethene	20.7		1.7	0.23
156-59-2	cis-1,2-Dichloroethene	21.5		1.7	0.19
67-66-3	Chloroform	21.6		1.7	0.42
78-93-3	2-Butanone	31.3		17	1.1
107-06-2	1,2-Dichloroethane	21.5		1.7	0.31
71-55-6	1,1,1-Trichloroethane	20.9		1.7	0.23
56-23-5	Carbon tetrachloride	19.3		1.7	0.26
71-43-2	Benzene	21.1		1.7	0.26
75-25-2	Bromoform	11.8		1.7	0.30
100-42-5	Styrene	13.9		1.7	0.49
179601-23-1	m&p-Xylene	36.0		3.5	1.0
95-47-6	o-Xylene	16.9		1.7	0.33
100-41-4	Ethylbenzene	18.3		1.7	0.30
108-90-7	Chlorobenzene	15.7		1.7	0.31
110-82-7	Cyclohexane	16.7		1.7	0.23
98-82-8	Isopropylbenzene	17.3		1.7	0.19
591-78-6	2-Hexanone	30.5		17	0.23
1634-04-4	MTBE	28.2		1.7	0.19
76-13-1	Freon TF	20.4		1.7	0.19
79-20-9	Methyl acetate	28.4		1.7	0.56
123-91-1	1,4-Dioxane	286		87	22
79-01-6	Trichloroethene	17.1		1.7	0.21
108-88-3	Toluene	21.1		1.7	0.24
10061-02-6	trans-1,3-Dichloropropene	14.3		1.7	0.17
108-10-1	4-Methyl-2-pentanone	25.3		17	0.35
10061-01-5	cis-1,3-Dichloropropene	16.6		1.7	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MS | Lab Sample ID: 460-42971-3 MS

Matrix: Solid | Lab File ID: o63281.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:25

Sample wt/vol: 4.00(g) | Date Analyzed: 08/10/2012 15:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 28.0 | Level: (low/med) Low

Analysis Batch No.: 123432 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	13.3		1.7	0.17
541-73-1	1,3-Dichlorobenzene	17.1		1.7	0.28
106-46-7	1,4-Dichlorobenzene	15.4		1.7	0.19
120-82-1	1,2,4-Trichlorobenzene	7.54		1.7	0.33
87-61-6	1,2,3-Trichlorobenzene	4.95		1.7	0.28
78-87-5	1,2-Dichloropropane	22.6		1.7	0.26
108-87-2	Methylcyclohexane	15.3		1.7	0.17
127-18-4	Tetrachloroethene	19.6		1.7	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.7	0.76
79-34-5	1,1,2,2-Tetrachloroethane	26.3		1.7	0.16
79-00-5	1,1,2-Trichloroethane	22.5		1.7	0.24
124-48-1	Dibromochloromethane	17.7		1.7	0.17
106-93-4	1,2-Dibromoethane	18.2		1.7	0.26
75-71-8	Dichlorodifluoromethane	19.8		1.7	0.38
74-97-5	Bromochloromethane	20.9		1.7	0.19
75-27-4	Bromodichloromethane	19.3		1.7	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	118		70-130
460-00-4	Bromofluorobenzene	150	X	70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-42971-B-8-A MS

Matrix: Solid | Lab File ID: d23218.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:10

Sample wt/vol: 3.23(g) | Date Analyzed: 08/09/2012 13:33

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 27.3 | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5880		430	41
74-83-9	Bromomethane	5740		430	77
75-01-4	Vinyl chloride	5210		430	62
75-00-3	Chloroethane	5370		430	72
75-09-2	Methylene Chloride	4010		430	78
67-64-1	Acetone	5330		2100	1100
75-15-0	Carbon disulfide	3730		430	53
75-69-4	Trichlorofluoromethane	5040		430	62
75-35-4	1,1-Dichloroethene	4300		430	38
75-34-3	1,1-Dichloroethane	4220		430	56
156-60-5	trans-1,2-Dichloroethene	4060		430	55
156-59-2	cis-1,2-Dichloroethene	4060		430	75
67-66-3	Chloroform	4090		430	33
78-93-3	2-Butanone	5430		2100	990
107-06-2	1,2-Dichloroethane	4310		430	80
71-55-6	1,1,1-Trichloroethane	4130		430	26
56-23-5	Carbon tetrachloride	4030		430	24
71-43-2	Benzene	4160		430	35
75-25-2	Bromoform	3900		430	82
100-42-5	Styrene	4270		430	50
179601-23-1	m&p-Xylene	8750		850	100
95-47-6	o-Xylene	4290		430	55
100-41-4	Ethylbenzene	4380		430	41
108-90-7	Chlorobenzene	4130		430	47
110-82-7	Cyclohexane	4910		430	68
98-82-8	Isopropylbenzene	4340		430	33
591-78-6	2-Hexanone	4400		2100	210
1634-04-4	MTBE	4330		430	59
76-13-1	Freon TF	3400		430	35
79-20-9	Methyl acetate	4240		850	140
123-91-1	1,4-Dioxane	15000	U	21000	15000
79-01-6	Trichloroethene	4170		430	39
108-88-3	Toluene	4370		430	64
10061-02-6	trans-1,3-Dichloropropene	4060		430	100
108-10-1	4-Methyl-2-pentanone	4660		2100	420
10061-01-5	cis-1,3-Dichloropropene	3990		430	78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: 460-42971-B-8-A MS
Matrix: Solid
Lab File ID: d23218.d
Analysis Method: 8260B
Date Collected: 07/31/2012 10:10
Sample wt/vol: 3.23(g)
Date Analyzed: 08/09/2012 13:33
Soil Aliquot Vol: 5 (mL)
Dilution Factor: 100
Soil Extract Vol.: 10(mL)
GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: 27.3
Level: (low/med) Medium
Analysis Batch No.: 123251
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	4270		430	87
541-73-1	1,3-Dichlorobenzene	4340		430	58
106-46-7	1,4-Dichlorobenzene	4420		430	99
120-82-1	1,2,4-Trichlorobenzene	4300		430	150
87-61-6	1,2,3-Trichlorobenzene	4430		430	220
78-87-5	1,2-Dichloropropane	4260		430	37
108-87-2	Methylcyclohexane	3880		430	58
127-18-4	Tetrachloroethene	4240		430	41
96-12-8	1,2-Dibromo-3-Chloropropane	4550		430	170
79-34-5	1,1,2,2-Tetrachloroethane	4840		430	67
79-00-5	1,1,2-Trichloroethane	4260		430	80
124-48-1	Dibromochloromethane	3960		430	85
106-93-4	1,2-Dibromoethane	4100		430	120
75-71-8	Dichlorodifluoromethane	3280		430	92
74-97-5	Bromochloromethane	4080		430	120
75-27-4	Bromodichloromethane	4160		430	53

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-135
2037-26-5	Toluene-d8 (Surr)	92		59-150
460-00-4	Bromofluorobenzene	85		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: 460-42904-B-4 MS
Matrix: Water
Lab File ID: k02957.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/02/2012 14:23
Soil Aliquot Vol:
Dilution Factor: 5
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122264
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	137		5.0	0.50
74-83-9	Bromomethane	101		5.0	0.90
75-01-4	Vinyl chloride	125		5.0	0.70
75-00-3	Chloroethane	124		5.0	0.85
75-09-2	Methylene Chloride	117		5.0	0.90
67-64-1	Acetone	126		25	13
75-15-0	Carbon disulfide	125		5.0	0.65
75-69-4	Trichlorofluoromethane	104		5.0	0.75
75-35-4	1,1-Dichloroethene	106		5.0	0.45
75-34-3	1,1-Dichloroethane	112		5.0	0.65
156-60-5	trans-1,2-Dichloroethene	101		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	118		5.0	0.90
67-66-3	Chloroform	99.5		5.0	0.40
78-93-3	2-Butanone	110		25	12
107-06-2	1,2-Dichloroethane	100		5.0	0.95
71-55-6	1,1,1-Trichloroethane	90.9		5.0	0.30
56-23-5	Carbon tetrachloride	90.3		5.0	0.30
71-43-2	Benzene	108		5.0	0.40
75-25-2	Bromoform	86.2		5.0	0.95
100-42-5	Styrene	94.0		5.0	0.60
179601-23-1	m&p-Xylene	184		10	1.3
95-47-6	o-Xylene	93.4		5.0	0.65
100-41-4	Ethylbenzene	89.9		5.0	0.50
108-90-7	Chlorobenzene	92.9		5.0	0.55
110-82-7	Cyclohexane	117		5.0	0.80
98-82-8	Isopropylbenzene	90.2		5.0	0.40
591-78-6	2-Hexanone	120		25	2.5
1634-04-4	MTBE	98.9		5.0	0.70
76-13-1	Freon TF	111		5.0	0.40
79-20-9	Methyl acetate	114		10	1.7
123-91-1	1,4-Dioxane	704		250	180
79-01-6	Trichloroethene	99.2		5.0	0.45
108-88-3	Toluene	92.8		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	92.8		5.0	1.2
108-10-1	4-Methyl-2-pentanone	118		25	5.0
10061-01-5	cis-1,3-Dichloropropene	95.0		5.0	0.90

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: 460-42904-B-4 MS
Matrix: Water
Lab File ID: k02957.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/02/2012 14:23
Soil Aliquot Vol:
Dilution Factor: 5
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122264
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	91.3		5.0	1.1
541-73-1	1,3-Dichlorobenzene	94.9		5.0	0.70
106-46-7	1,4-Dichlorobenzene	94.3		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	88.1		5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	88.0		5.0	2.6
78-87-5	1,2-Dichloropropane	107		5.0	0.45
108-87-2	Methylcyclohexane	102		5.0	0.70
127-18-4	Tetrachloroethene	103		5.0	0.50
96-12-8	1,2-Dibromo-3-Chloropropane	110		5.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	115		5.0	0.80
79-00-5	1,1,2-Trichloroethane	102		5.0	0.95
124-48-1	Dibromochloromethane	91.2		5.0	1.0
106-93-4	1,2-Dibromoethane	98.4		5.0	1.4
75-71-8	Dichlorodifluoromethane	99.9		5.0	1.1
74-97-5	Bromochloromethane	91.2		5.0	1.4
75-27-4	Bromodichloromethane	95.4		5.0	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MSD | Lab Sample ID: 460-42971-3 MSD

Matrix: Solid | Lab File ID: o63280.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:25

Sample wt/vol: 3.74(g) | Date Analyzed: 08/10/2012 14:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 28.0 | Level: (low/med) Low

Analysis Batch No.: 123432 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	30.3		1.9	0.30
74-83-9	Bromomethane	36.5		1.9	0.80
75-01-4	Vinyl chloride	33.7		1.9	0.63
75-00-3	Chloroethane	40.3		1.9	0.61
75-09-2	Methylene Chloride	34.5		1.9	0.28
67-64-1	Acetone	63.6		19	3.1
75-15-0	Carbon disulfide	21.3		1.9	0.28
75-69-4	Trichlorofluoromethane	45.1		1.9	0.30
75-35-4	1,1-Dichloroethene	32.9		1.9	0.35
75-34-3	1,1-Dichloroethane	30.4		1.9	0.20
156-60-5	trans-1,2-Dichloroethene	25.7		1.9	0.24
156-59-2	cis-1,2-Dichloroethene	26.8		1.9	0.20
67-66-3	Chloroform	28.1		1.9	0.45
78-93-3	2-Butanone	28.6		19	1.2
107-06-2	1,2-Dichloroethane	27.2		1.9	0.33
71-55-6	1,1,1-Trichloroethane	27.4		1.9	0.24
56-23-5	Carbon tetrachloride	26.0		1.9	0.28
71-43-2	Benzene	24.6		1.9	0.28
75-25-2	Bromoform	12.6		1.9	0.32
100-42-5	Styrene	14.4		1.9	0.52
179601-23-1	m&p-Xylene	36.6		3.7	1.1
95-47-6	o-Xylene	16.7		1.9	0.35
100-41-4	Ethylbenzene	19.1		1.9	0.32
108-90-7	Chlorobenzene	15.8		1.9	0.33
110-82-7	Cyclohexane	26.8		1.9	0.24
98-82-8	Isopropylbenzene	18.5		1.9	0.20
591-78-6	2-Hexanone	26.3		19	0.24
1634-04-4	MTBE	29.6		1.9	0.20
76-13-1	Freon TF	30.9		1.9	0.20
79-20-9	Methyl acetate	45.0		1.9	0.59
123-91-1	1,4-Dioxane	321		93	24
79-01-6	Trichloroethene	20.1		1.9	0.22
108-88-3	Toluene	24.8		1.9	0.26
10061-02-6	trans-1,3-Dichloropropene	15.4		1.9	0.19
108-10-1	4-Methyl-2-pentanone	25.2		19	0.37
10061-01-5	cis-1,3-Dichloropropene	19.0		1.9	0.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MSD | Lab Sample ID: 460-42971-3 MSD

Matrix: Solid | Lab File ID: o63280.d

Analysis Method: 8260B | Date Collected: 07/31/2012 09:25

Sample wt/vol: 3.74(g) | Date Analyzed: 08/10/2012 14:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 28.0 | Level: (low/med) Low

Analysis Batch No.: 123432 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	11.0		1.9	0.19
541-73-1	1,3-Dichlorobenzene	13.7		1.9	0.30
106-46-7	1,4-Dichlorobenzene	12.3		1.9	0.20
120-82-1	1,2,4-Trichlorobenzene	6.48		1.9	0.35
87-61-6	1,2,3-Trichlorobenzene	4.61		1.9	0.30
78-87-5	1,2-Dichloropropane	26.7		1.9	0.28
108-87-2	Methylcyclohexane	23.9		1.9	0.19
127-18-4	Tetrachloroethene	21.1		1.9	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	14.4		1.9	0.82
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.9	0.17
79-00-5	1,1,2-Trichloroethane	22.7		1.9	0.26
124-48-1	Dibromochloromethane	18.4		1.9	0.19
106-93-4	1,2-Dibromoethane	19.6		1.9	0.28
75-71-8	Dichlorodifluoromethane	27.2		1.9	0.41
74-97-5	Bromochloromethane	28.1		1.9	0.20
75-27-4	Bromodichloromethane	22.9		1.9	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	115		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-42971-B-8-A MSD

Matrix: Solid | Lab File ID: d23219.d

Analysis Method: 8260B | Date Collected: 07/31/2012 10:10

Sample wt/vol: 3.23(g) | Date Analyzed: 08/09/2012 13:57

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 27.3 | Level: (low/med) Medium

Analysis Batch No.: 123251 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	6400		430	41
74-83-9	Bromomethane	5970		430	77
75-01-4	Vinyl chloride	3420		430	62
75-00-3	Chloroethane	5500		430	72
75-09-2	Methylene Chloride	4110		430	78
67-64-1	Acetone	5250		2100	1100
75-15-0	Carbon disulfide	3520		430	53
75-69-4	Trichlorofluoromethane	4900		430	62
75-35-4	1,1-Dichloroethene	4420		430	38
75-34-3	1,1-Dichloroethane	4690		430	56
156-60-5	trans-1,2-Dichloroethene	4320		430	55
156-59-2	cis-1,2-Dichloroethene	4320		430	75
67-66-3	Chloroform	4300		430	33
78-93-3	2-Butanone	5700		2100	990
107-06-2	1,2-Dichloroethane	4470		430	80
71-55-6	1,1,1-Trichloroethane	4260		430	26
56-23-5	Carbon tetrachloride	4700		430	24
71-43-2	Benzene	4350		430	35
75-25-2	Bromoform	4020		430	82
100-42-5	Styrene	4590		430	50
179601-23-1	m&p-Xylene	9050		850	100
95-47-6	o-Xylene	4550		430	55
100-41-4	Ethylbenzene	4590		430	41
108-90-7	Chlorobenzene	4430		430	47
110-82-7	Cyclohexane	4840		430	68
98-82-8	Isopropylbenzene	4550		430	33
591-78-6	2-Hexanone	5030		2100	210
1634-04-4	MTBE	4400		430	59
76-13-1	Freon TF	3260		430	35
79-20-9	Methyl acetate	5350		850	140
123-91-1	1,4-Dioxane	23800		21000	15000
79-01-6	Trichloroethene	4250		430	39
108-88-3	Toluene	4530		430	64
10061-02-6	trans-1,3-Dichloropropene	4320		430	100
108-10-1	4-Methyl-2-pentanone	4760		2100	420
10061-01-5	cis-1,3-Dichloropropene	4250		430	78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: 460-42971-B-8-A MSD
Matrix: Solid
Lab File ID: d23219.d
Analysis Method: 8260B
Date Collected: 07/31/2012 10:10
Sample wt/vol: 3.23(g)
Date Analyzed: 08/09/2012 13:57
Soil Aliquot Vol: 5 (mL)
Dilution Factor: 100
Soil Extract Vol.: 10(mL)
GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: 27.3
Level: (low/med) Medium
Analysis Batch No.: 123251
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	4560		430	87
541-73-1	1,3-Dichlorobenzene	4550		430	58
106-46-7	1,4-Dichlorobenzene	4630		430	99
120-82-1	1,2,4-Trichlorobenzene	4830		430	150
87-61-6	1,2,3-Trichlorobenzene	5100		430	220
78-87-5	1,2-Dichloropropane	4610		430	37
108-87-2	Methylcyclohexane	3970		430	58
127-18-4	Tetrachloroethene	4330		430	41
96-12-8	1,2-Dibromo-3-Chloropropane	4820		430	170
79-34-5	1,1,2,2-Tetrachloroethane	4920		430	67
79-00-5	1,1,2-Trichloroethane	4410		430	80
124-48-1	Dibromochloromethane	3960		430	85
106-93-4	1,2-Dibromoethane	4390		430	120
75-71-8	Dichlorodifluoromethane	5200		430	92
74-97-5	Bromochloromethane	4130		430	120
75-27-4	Bromodichloromethane	4420		430	53

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-135
2037-26-5	Toluene-d8 (Surr)	97		59-150
460-00-4	Bromofluorobenzene	87		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: 460-42904-B-4 MSD
Matrix: Water
Lab File ID: k02958.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/02/2012 14:46
Soil Aliquot Vol:
Dilution Factor: 5
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122264
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	139		5.0	0.50
74-83-9	Bromomethane	103		5.0	0.90
75-01-4	Vinyl chloride	127		5.0	0.70
75-00-3	Chloroethane	127		5.0	0.85
75-09-2	Methylene Chloride	120		5.0	0.90
67-64-1	Acetone	131		25	13
75-15-0	Carbon disulfide	128		5.0	0.65
75-69-4	Trichlorofluoromethane	103		5.0	0.75
75-35-4	1,1-Dichloroethene	110		5.0	0.45
75-34-3	1,1-Dichloroethane	113		5.0	0.65
156-60-5	trans-1,2-Dichloroethene	102		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	104		5.0	0.90
67-66-3	Chloroform	101		5.0	0.40
78-93-3	2-Butanone	110		25	12
107-06-2	1,2-Dichloroethane	99.1		5.0	0.95
71-55-6	1,1,1-Trichloroethane	92.7		5.0	0.30
56-23-5	Carbon tetrachloride	91.1		5.0	0.30
71-43-2	Benzene	110		5.0	0.40
75-25-2	Bromoform	86.6		5.0	0.95
100-42-5	Styrene	96.4		5.0	0.60
179601-23-1	m&p-Xylene	187		10	1.3
95-47-6	o-Xylene	96.6		5.0	0.65
100-41-4	Ethylbenzene	92.4		5.0	0.50
108-90-7	Chlorobenzene	94.5		5.0	0.55
110-82-7	Cyclohexane	113		5.0	0.80
98-82-8	Isopropylbenzene	92.0		5.0	0.40
591-78-6	2-Hexanone	121		25	2.5
1634-04-4	MTBE	99.2		5.0	0.70
76-13-1	Freon TF	110		5.0	0.40
79-20-9	Methyl acetate	116		10	1.7
123-91-1	1,4-Dioxane	712		250	180
79-01-6	Trichloroethene	95.7		5.0	0.45
108-88-3	Toluene	94.9		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	95.5		5.0	1.2
108-10-1	4-Methyl-2-pentanone	120		25	5.0
10061-01-5	cis-1,3-Dichloropropene	97.5		5.0	0.90

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: 460-42904-B-4 MSD
Matrix: Water
Lab File ID: k02958.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 08/02/2012 14:46
Soil Aliquot Vol:
Dilution Factor: 5
Soil Extract Vol.:
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 122264
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	96.5		5.0	1.1
541-73-1	1,3-Dichlorobenzene	98.2		5.0	0.70
106-46-7	1,4-Dichlorobenzene	96.8		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	97.6		5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	104		5.0	2.6
78-87-5	1,2-Dichloropropane	107		5.0	0.45
108-87-2	Methylcyclohexane	99.3		5.0	0.70
127-18-4	Tetrachloroethene	90.4		5.0	0.50
96-12-8	1,2-Dibromo-3-Chloropropane	121		5.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	118		5.0	0.80
79-00-5	1,1,2-Trichloroethane	107		5.0	0.95
124-48-1	Dibromochloromethane	91.4		5.0	1.0
106-93-4	1,2-Dibromoethane	97.7		5.0	1.4
75-71-8	Dichlorodifluoromethane	97.7		5.0	1.1
74-97-5	Bromochloromethane	90.8		5.0	1.4
75-27-4	Bromodichloromethane	96.5		5.0	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	90		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 07/20/2012 22:55

Analysis Batch Number: 121151 End Date: 07/21/2012 04:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-121151/1		07/20/2012 22:55	1	o62497.d	DB-624 0.18(mm)
IC 460-121151/2		07/21/2012 00:10	1	o62499.d	DB-624 0.18(mm)
IC 460-121151/3		07/21/2012 01:00	1	o62501.d	DB-624 0.18(mm)
ICIS 460-121151/4		07/21/2012 01:25	1	o62502.d	DB-624 0.18(mm)
IC 460-121151/5		07/21/2012 01:50	1	o62503.d	DB-624 0.18(mm)
IC 460-121151/6		07/21/2012 02:15	1	o62504.d	DB-624 0.18(mm)
IC 460-121151/7		07/21/2012 02:40	1	o62505.d	DB-624 0.18(mm)
ZZZZZ		07/21/2012 04:32	1		DB-624 0.18(mm)

8260B

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 08/03/2012 18:21

Analysis Batch Number: 122620 End Date: 08/04/2012 04:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-122620/15		08/03/2012 18:21	1	o63010.d	DB-624 0.18(mm)
CCVIS 460-122620/16		08/03/2012 18:50	1	o63011.d	DB-624 0.18(mm)
LCS 460-122620/17		08/03/2012 19:27	1	o63012.d	DB-624 0.18(mm)
LCSD 460-122620/18		08/03/2012 19:52	1	o63013.d	DB-624 0.18(mm)
ZZZZZ		08/03/2012 21:19	1		DB-624 0.18(mm)
LB3 460-122188/1-A		08/03/2012 21:57	1	o63016.d	DB-624 0.18(mm)
MB 460-122620/21		08/03/2012 22:22	1	o63017.d	DB-624 0.18(mm)
ZZZZZ		08/03/2012 22:47	1		DB-624 0.18(mm)
ZZZZZ		08/03/2012 23:12	1		DB-624 0.18(mm)
ZZZZZ		08/03/2012 23:37	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 00:02	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 00:27	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 00:52	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 01:17	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 01:42	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 02:06	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 02:31	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 02:56	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 03:21	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 03:46	1		DB-624 0.18(mm)
ZZZZZ		08/04/2012 04:11	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 08/07/2012 18:21

Analysis Batch Number: 123008 End Date: 08/08/2012 03:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123008/1		08/07/2012 18:21	1	o63142.d	DB-624 0.18(mm)
CCVIS 460-123008/2		08/07/2012 18:44	1	o63143.d	DB-624 0.18(mm)
LCS 460-123008/3		08/07/2012 19:09	1	o63144.d	DB-624 0.18(mm)
LCSD 460-123008/4		08/07/2012 19:34	1	o63145.d	DB-624 0.18(mm)
MB 460-123008/16		08/07/2012 21:07	1	o63148.d	DB-624 0.18(mm)
ZZZZZ		08/07/2012 21:46	1		DB-624 0.18(mm)
ZZZZZ		08/07/2012 22:36	1		DB-624 0.18(mm)
ZZZZZ		08/07/2012 23:01	1		DB-624 0.18(mm)
ZZZZZ		08/07/2012 23:51	1		DB-624 0.18(mm)
460-42971-7	20120731SB-394V0-2N	08/08/2012 01:06	1	o63157.d	DB-624 0.18(mm)
460-42971-9	20120731SB-393V0-2N	08/08/2012 01:31	1	o63158.d	DB-624 0.18(mm)
460-42971-10	20120731SB-393V7-8N	08/08/2012 01:56	1	o63159.d	DB-624 0.18(mm)
460-42971-11	20120731SB-392V0-2N	08/08/2012 02:21	1	o63160.d	DB-624 0.18(mm)
460-42971-12	20120731SB-392V7-8N	08/08/2012 02:45	1	o63161.d	DB-624 0.18(mm)
460-42971-13	20120731SB-387V0-2N	08/08/2012 03:10	1	o63162.d	DB-624 0.18(mm)
460-42971-14	20120731SB-387V3-4N	08/08/2012 03:35	1	o63163.d	DB-624 0.18(mm)

8260B

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 08/09/2012 19:07

Analysis Batch Number: 123371 End Date: 08/10/2012 06:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123371/1		08/09/2012 19:07	1	o63237.d	DB-624 0.18(mm)
CCVIS 460-123371/2		08/09/2012 19:33	1	o63238.d	DB-624 0.18(mm)
LCS 460-123371/3		08/09/2012 19:58	1	o63239.d	DB-624 0.18(mm)
LCSD 460-123371/4		08/09/2012 20:23	1	o63240.d	DB-624 0.18(mm)
MB 460-123371/5		08/09/2012 22:24	1	o63243.d	DB-624 0.18(mm)
ZZZZZ		08/09/2012 23:00	1		DB-624 0.18(mm)
ZZZZZ		08/09/2012 23:25	1		DB-624 0.18(mm)
ZZZZZ		08/09/2012 23:50	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 00:15	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 01:05	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 01:30	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 01:55	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 02:20	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 02:45	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 03:10	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 03:35	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 04:00	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 04:25	1		DB-624 0.18(mm)
460-42971-3	20120731SB-397V0-2N	08/10/2012 04:50	1	o63258.d	DB-624 0.18(mm)
460-42971-8	20120731SB-394V7-8N	08/10/2012 05:15	1	o63259.d	DB-624 0.18(mm)
ZZZZZ		08/10/2012 05:40	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 06:05	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 08/10/2012 07:14

Analysis Batch Number: 123432 End Date: 08/10/2012 18:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123432/1		08/10/2012 07:14	1	o63263.d	DB-624 0.18(mm)
CCVIS 460-123432/2		08/10/2012 07:36	1	o63264.d	DB-624 0.18(mm)
LCS 460-123432/3		08/10/2012 08:26	1	o63266.d	DB-624 0.18(mm)
ZZZZZ		08/10/2012 08:51	1		DB-624 0.18(mm)
MB 460-123432/5		08/10/2012 09:47	1	o63269.d	DB-624 0.18(mm)
ZZZZZ		08/10/2012 10:22	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 10:47	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 11:12	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 11:37	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 12:55	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 13:21	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 13:46	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 14:36	1		DB-624 0.18(mm)
460-42971-3 MSD	20120731SB-397V0-2N MSD	08/10/2012 14:36	1	o63280.d	DB-624 0.18(mm)
460-42971-3 MS	20120731SB-397V0-2N MS	08/10/2012 15:04	1	o63281.d	DB-624 0.18(mm)
ZZZZZ		08/10/2012 15:30	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 15:55	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 16:20	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 16:45	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 17:10	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 17:35	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 18:00	1		DB-624 0.18(mm)
ZZZZZ		08/10/2012 18:25	1		DB-624 0.18(mm)

8260B

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 08/13/2012 17:49

Analysis Batch Number: 123838 End Date: 08/14/2012 02:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123838/1		08/13/2012 17:49	1	o63347.d	DB-624 0.18(mm)
CCVIS 460-123838/2		08/13/2012 18:21	1	o63348.d	DB-624 0.18(mm)
LCS 460-123838/3		08/13/2012 18:46	1	o63349.d	DB-624 0.18(mm)
LCSD 460-123838/4		08/13/2012 19:11	1	o63350.d	DB-624 0.18(mm)
MB 460-123838/5		08/13/2012 21:14	1	o63353.d	DB-624 0.18(mm)
460-42971-1	20120731SB-396V0-2N	08/13/2012 21:46	1	o63354.d	DB-624 0.18(mm)
ZZZZZ		08/13/2012 22:11	1		DB-624 0.18(mm)
ZZZZZ		08/13/2012 22:36	1		DB-624 0.18(mm)
ZZZZZ		08/13/2012 23:01	1		DB-624 0.18(mm)
ZZZZZ		08/13/2012 23:26	1		DB-624 0.18(mm)
ZZZZZ		08/13/2012 23:51	1		DB-624 0.18(mm)
ZZZZZ		08/14/2012 00:16	1		DB-624 0.18(mm)
ZZZZZ		08/14/2012 00:41	1		DB-624 0.18(mm)
ZZZZZ		08/14/2012 01:06	1		DB-624 0.18(mm)
ZZZZZ		08/14/2012 01:31	1		DB-624 0.18(mm)
ZZZZZ		08/14/2012 01:55	1		DB-624 0.18(mm)
ZZZZZ		08/14/2012 02:21	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 08/07/2012 20:14

Analysis Batch Number: 123076 End Date: 08/08/2012 07:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123076/1		08/07/2012 20:14	1	d23147.d	Rtx-624 0.25(mm)
IC 460-123076/2		08/07/2012 22:06	1	d23152.d	Rtx-624 0.25(mm)
IC 460-123076/3		08/07/2012 22:29	1	d23153.d	Rtx-624 0.25(mm)
ICIS 460-123076/4		08/07/2012 22:52	1	d23154.d	Rtx-624 0.25(mm)
IC 460-123076/5		08/07/2012 23:14	1	d23155.d	Rtx-624 0.25(mm)
IC 460-123076/6		08/07/2012 23:37	1	d23156.d	Rtx-624 0.25(mm)
IC 460-123076/7		08/08/2012 00:00	1	d23157.d	Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 02:04	50		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 02:04	50		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 03:26	50		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 04:26	50		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 04:49	50		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 05:13	100		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 05:36	100		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 05:59	100		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 06:45	50		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 07:08	100		Rtx-624 0.25(mm)
ZZZZZ		08/08/2012 07:32	100		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 08/09/2012 09:14

Analysis Batch Number: 123251 End Date: 08/09/2012 19:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123251/1		08/09/2012 09:14	1	d23209.d	Rtx-624 0.25(mm)
CCVIS 460-123251/2		08/09/2012 09:29	1	d23210.d	Rtx-624 0.25(mm)
LCS 460-123251/3		08/09/2012 10:21	50	d23211.d	Rtx-624 0.25(mm)
MB 460-123251/4		08/09/2012 11:38	50	d23214.d	Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 12:47	50		Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 13:10	5000		Rtx-624 0.25(mm)
460-42971-B-8-A MS		08/09/2012 13:33	100	d23218.d	Rtx-624 0.25(mm)
460-42971-B-8-A MSD		08/09/2012 13:57	100	d23219.d	Rtx-624 0.25(mm)
460-42971-6	20120731SB-397V5-6N	08/09/2012 15:08	100	d23222.d	Rtx-624 0.25(mm)
460-42971-16	20120731FD	08/09/2012 15:31	100	d23223.d	Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 16:18	50		Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 16:41	50		Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 17:05	100		Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 17:29	100		Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 17:52	100		Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 18:15	200		Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 18:38	200		Rtx-624 0.25(mm)
ZZZZZ		08/09/2012 19:01	200		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 07/23/2012 19:30

Analysis Batch Number: 120997 End Date: 07/24/2012 03:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-120997/1		07/23/2012 19:30	1	k02505.d	DB-624 0.53(mm)
ICIS 460-120997/2		07/23/2012 20:21	1	k02507.d	DB-624 0.53(mm)
IC 460-120997/3		07/23/2012 22:26	1	k02511.d	DB-624 0.53(mm)
IC 460-120997/4		07/23/2012 22:49	1	k02512.d	DB-624 0.53(mm)
IC 460-120997/5		07/23/2012 23:12	1	k02513.d	DB-624 0.53(mm)
IC 460-120997/6		07/23/2012 23:35	1	k02514.d	DB-624 0.53(mm)
IC 460-120997/7		07/23/2012 23:59	1	k02515.d	DB-624 0.53(mm)
ZZZZZ		07/24/2012 01:36	1		DB-624 0.53(mm)
ZZZZZ		07/24/2012 01:59	1		DB-624 0.53(mm)
ZZZZZ		07/24/2012 03:08	1		DB-624 0.53(mm)

8260B

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 08/02/2012 08:19

Analysis Batch Number: 122264 End Date: 08/02/2012 19:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-122264/1		08/02/2012 08:19	1	k02942.d	DB-624 0.53(mm)
CCVIS 460-122264/2		08/02/2012 08:34	1	k02943.d	DB-624 0.53(mm)
LCS 460-122264/3		08/02/2012 09:05	1	k02944.d	DB-624 0.53(mm)
MB 460-122264/4		08/02/2012 10:20	1	k02947.d	DB-624 0.53(mm)
ZZZZZ		08/02/2012 10:43	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 11:06	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 11:29	10		DB-624 0.53(mm)
ZZZZZ		08/02/2012 11:29	10		DB-624 0.53(mm)
ZZZZZ		08/02/2012 11:53	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 13:12	10		DB-624 0.53(mm)
ZZZZZ		08/02/2012 13:12	10		DB-624 0.53(mm)
ZZZZZ		08/02/2012 13:36	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 14:00	1		DB-624 0.53(mm)
460-42904-B-4 MS		08/02/2012 14:23	5	k02957.d	DB-624 0.53(mm)
460-42904-B-4 MSD		08/02/2012 14:46	5	k02958.d	DB-624 0.53(mm)
460-42971-17	20120731TB	08/02/2012 16:21	1	k02962.d	DB-624 0.53(mm)
460-42971-15	20120731EB	08/02/2012 16:45	1	k02963.d	DB-624 0.53(mm)
ZZZZZ		08/02/2012 17:09	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 17:32	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 17:56	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 18:19	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 18:43	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 19:06	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 19:29	1		DB-624 0.53(mm)
ZZZZZ		08/02/2012 19:53	1		DB-624 0.53(mm)

8260B

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 08/03/2012 18:42

Analysis Batch Number: 122615 End Date: 08/03/2012 22:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-122615/1		08/03/2012 18:42	1	k02980.d	DB-624 0.53(mm)
IC 460-122615/2		08/03/2012 19:37	1	k02982.d	DB-624 0.53(mm)
IC 460-122615/3		08/03/2012 19:59	1	k02983.d	DB-624 0.53(mm)
ICIS 460-122615/4		08/03/2012 20:20	1	k02984.d	DB-624 0.53(mm)
IC 460-122615/5		08/03/2012 20:41	1	k02985.d	DB-624 0.53(mm)
IC 460-122615/6		08/03/2012 21:02	1	k02986.d	DB-624 0.53(mm)
IC 460-122615/7		08/03/2012 21:24	1	k02987.d	DB-624 0.53(mm)
ZZZZZ		08/03/2012 22:48	1		DB-624 0.53(mm)

8260B

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 08/06/2012 19:46

Analysis Batch Number: 122835 End Date: 08/07/2012 02:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-122835/1		08/06/2012 19:46	1	k03048.d	DB-624 0.53(mm)
CCVIS 460-122835/2		08/06/2012 20:39	1	k03049.d	DB-624 0.53(mm)
LCS 460-122835/3		08/06/2012 21:21	1	k03050.d	DB-624 0.53(mm)
LCSD 460-122835/4		08/06/2012 21:43	1	k03051.d	DB-624 0.53(mm)
ZZZZZ		08/06/2012 23:01	1		DB-624 0.53(mm)
MB 460-122835/6		08/06/2012 23:44	1	k03055.d	DB-624 0.53(mm)
ZZZZZ		08/07/2012 00:05	1		DB-624 0.53(mm)
ZZZZZ		08/07/2012 00:26	1		DB-624 0.53(mm)
ZZZZZ		08/07/2012 00:48	1		DB-624 0.53(mm)
ZZZZZ		08/07/2012 01:10	1		DB-624 0.53(mm)
ZZZZZ		08/07/2012 01:53	1		DB-624 0.53(mm)
ZZZZZ		08/07/2012 02:14	1		DB-624 0.53(mm)
460-42971-2	20120731SB-396V6-7N	08/07/2012 02:36	1	k03063.d	DB-624 0.53(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122182 Batch Start Date: 08/01/12 16:41 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 08/01/12 18:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8PrepSU 00052			
460-42971-B-6	20120731SB-397V5 -6N	5035, 8260B	T	4.66 g	10 mL	10 mL			
460-42971-B-16	20120731FD	5035, 8260B	T	5.08 g	10 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122188 Batch Start Date: 08/01/12 17:26 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 08/01/12 18:14

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-122188/1		5035, 8260B		5 g	5 mL				
460-42971-D-1	20120731SB-396V0 -2N	5035, 8260B	T	3.91 g	5 mL				
460-42971-C-2	20120731SB-396V6 -7N	5035, 8260B	T	5.05 g	5 mL				
460-42971-C-3	20120731SB-397V0 -2N	5035, 8260B	T	3.76 g	5 mL				
460-42971-D-3 MS	20120731SB-397V0 -2N	5035, 8260B	T	4.00 g	5 mL				
460-42971-C-3 MSD	20120731SB-397V0 -2N	5035, 8260B	T	3.74 g	5 mL				
460-42971-D-7	20120731SB-394V0 -2N	5035, 8260B	T	3.81 g	5 mL				
460-42971-C-8	20120731SB-394V7 -8N	5035, 8260B	T	3.97 g	5 mL				
460-42971-D-9	20120731SB-393V0 -2N	5035, 8260B	T	4.36 g	5 mL				
460-42971-D-10	20120731SB-393V7 -8N	5035, 8260B	T	4.84 g	5 mL				
460-42971-D-11	20120731SB-392V0 -2N	5035, 8260B	T	5.01 g	5 mL				
460-42971-D-12	20120731SB-392V7 -8N	5035, 8260B	T	4.66 g	5 mL				
460-42971-D-13	20120731SB-387V0 -2N	5035, 8260B	T	4.24 g	5 mL				
460-42971-D-14	20120731SB-387V3 -4N	5035, 8260B	T	3.53 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
20120731SB-396V0-2 N	460-42971-1	41	58	43	52	52	89
20120731SB-396V6-7 N	460-42971-2	40	52	39	41	71	89
20120731SB-397V0-2 N	460-42971-3	61	61	64	74	59	53
20120731SB-397V5-6 N	460-42971-6	38	51	41	57	38	73
20120731SB-394V0-2 N	460-42971-7	40	53	46	65	64	69
20120731SB-394V7-8 N	460-42971-8	50	57	53	63	36	69
20120731SB-393V0-2 N	460-42971-9	54	65	48	53	39	85
20120731SB-393V7-8 N	460-42971-10	34 X	43	37 X	50	50	62
20120731SB-392V0-2 N	460-42971-11	38	53	39	46	52	84
20120731SB-392V7-8 N	460-42971-12	56	70	58	59	65	84
20120731SB-387V0-2 N	460-42971-13	45	64	47	55	58	87
20120731SB-387V3-4 N	460-42971-14	40	62	43	60	71	70
20120731FD DL	460-42971-16 DL	0 D	0 D	0 D	0 D	0 D	0 D
	MB 460-122303/1-A	78	88	86	83	67	85
	MB 460-122438/1-A	74	78	72	66	73	63
	LCS 460-122303/2-A	62	66	69	67	65	69
	LCS 460-122438/2-A	67	64	66	64	71	65
20120731SB-397V0-2 N MS	460-42971-3 MS	67	64	68	75	62	55
	460-43010-F-2-C MS	63	70	68	76	58	79
20120731SB-397V0-2 N MSD	460-42971-3 MSD	67	63	70	78	63	60
	460-43010-F-2-D MSD	65	74	70	78	59	81

	QC LIMITS
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
20120731EB	460-42971-15	40	26	87	88	70	82
	MB 460-122162/1-A	45	30	90	84	77	80
	LCS 460-122162/2-A	45	28	90	86	83	86
	LCSD 460-122162/3-A	43	28	83	82	80	83

	QC LIMITS
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x28839.d

Lab ID: LCS 460-122162/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	100	32.8	33	12-44	
2-Chlorophenol	100	85.8	86	53-101	
2-Methylphenol	100	71.9	72	40-90	
4-Methylphenol	100	67.8	68	30-75	
Benzaldehyde	100	150	150	52-150	
Acetophenone	100	92.8	93	68-109	
Bis(2-chloroethyl)ether	100	98.4	98	62-108	
2,2'-oxybis[1-chloropropane]	100	90.6	91	68-107	
N-Nitrosodi-n-propylamine	100	94.1	94	70-109	
Nitrobenzene	100	88.4	88	66-106	
Hexachloroethane	100	88.2	88	50-99	
Isophorone	100	89.1	89	68-108	
2-Nitrophenol	100	89.6	90	65-107	
2,4-Dimethylphenol	100	86.5	86	55-100	
2,4-Dichlorophenol	100	92.8	93	64-107	
Bis(2-chloroethoxy)methane	100	90.8	91	69-108	
Naphthalene	100	88.1	88	63-101	
4-Chloroaniline	100	87.2	87	58-105	
Hexachlorobutadiene	100	85.1	85	52-99	
Caprolactam	100	18.5	18	10-30	
4-Chloro-3-methylphenol	100	86.3	86	57-106	
2-Methylnaphthalene	100	85.6	86	66-102	
Hexachlorobenzene	100	88.6	89	65-107	
Hexachlorocyclopentadiene	100	78.9	79	40-105	
2,4,6-Trichlorophenol	100	90.8	91	67-111	
2,4,5-Trichlorophenol	100	91.5	91	67-114	
Diphenyl	100	90.6	91	66-112	
2-Chloronaphthalene	100	86.5	87	65-107	
2-Nitroaniline	100	95.4	95	73-116	
2,6-Dinitrotoluene	100	88.8	89	68-114	
Dimethyl phthalate	100	90.8	91	69-111	
Acenaphthylene	100	87.0	87	67-107	
3-Nitroaniline	100	89.3	89	59-108	
Acenaphthene	100	91.1	91	66-108	
4-Nitrophenol	100	24.1 J	24	10-44	
2,4-Dinitrophenol	100	66.8	67	19-113	
Dibenzofuran	100	87.3	87	68-105	
Diethyl phthalate	100	89.8	90	66-109	
Fluorene	100	89.1	89	68-105	
Fluoranthene	100	86.9	87	68-108	
Di-n-butyl phthalate	100	90.1	90	68-111	
2,4-Dinitrotoluene	100	86.6	87	65-113	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x28839.d

Lab ID: LCS 460-122162/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	100	86.5	87	68-105	
4-Nitroaniline	100	86.0	86	49-119	
4,6-Dinitro-2-methylphenol	100	87.2	87	58-115	
4-Bromophenyl phenyl ether	100	90.7	91	66-110	
Atrazine	100	84.6	85	56-116	
Anthracene	100	88.5	89	68-108	
Carbazole	100	90.1	90	67-110	
Phenanthrene	100	90.1	90	68-110	
Pentachlorophenol	100	84.4	84	55-116	
Pyrene	100	92.3	92	61-110	
Chrysene	100	91.1	91	68-112	
Benzo[k]fluoranthene	100	93.8	94	66-114	
Benzo[g,h,i]perylene	100	103	103	65-134	
Benzo[b]fluoranthene	100	80.5	80	65-111	
Benzo[a]pyrene	100	91.0	91	58-101	
Benzo[a]anthracene	100	85.9	86	65-106	
N-Nitrosodiphenylamine	100	96.4	96	71-121	
Butyl benzyl phthalate	100	96.7	97	66-115	
Bis(2-ethylhexyl) phthalate	100	94.7	95	66-114	
Di-n-octyl phthalate	100	88.2	88	51-115	
Indeno[1,2,3-cd]pyrene	100	87.9	88	68-121	
Dibenz(a,h)anthracene	100	98.2	98	67-124	
3,3'-Dichlorobenzidine	100	110	110	69-129	
1,2,4,5-Tetrachlorobenzene	100	80.7	81	70-130	
2,3,4,6-Tetrachlorophenol	100	84.8	85	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x28886.d

Lab ID: LCS 460-122303/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6670	4340	65	54-115	
2-Chlorophenol	6670	4530	68	56-110	
2-Methylphenol	6670	4710	71	54-117	
4-Methylphenol	6670	4740	71	47-103	
Benzaldehyde	3330	1420	43	10-160	
Acetophenone	3330	2380	72	40-95	
Bis(2-chloroethyl)ether	3330	2680	81	44-101	
2,2'-oxybis[1-chloropropane]	3330	2310	69	45-102	
N-Nitrosodi-n-propylamine	3330	2410	72	42-107	
Nitrobenzene	3330	2390	72	42-106	
Hexachloroethane	3330	2260	68	45-90	
Isophorone	3330	1980	59	48-97	
2-Nitrophenol	6670	4600	69	55-101	
2,4-Dimethylphenol	6670	4740	71	56-112	
2,4-Dichlorophenol	6670	4670	70	58-115	
Bis(2-chloroethoxy)methane	3330	2500	75	51-100	
Naphthalene	3330	2380	72	53-94	
4-Chloroaniline	3330	1900	57	10-96	
Hexachlorobutadiene	3330	2340	70	45-98	
Caprolactam	3330	1600	48	10-127	
4-Chloro-3-methylphenol	6670	5040	76	55-117	
2-Methylnaphthalene	3330	2420	73	51-98	
Hexachlorobenzene	3330	2530	76	43-104	
Hexachlorocyclopentadiene	3330	2250	67	24-98	
2,4,6-Trichlorophenol	6670	4870	73	53-118	
2,4,5-Trichlorophenol	6670	4520	68	50-115	
Diphenyl	3330	2470	74	50-105	
2-Chloronaphthalene	3330	2350	71	51-102	
2-Nitroaniline	3330	2520	76	51-109	
2,6-Dinitrotoluene	3330	2510	75	51-115	
Dimethyl phthalate	3330	2510	75	52-112	
Acenaphthylene	3330	2380	71	51-103	
3-Nitroaniline	3330	2060	62	32-104	
Acenaphthene	3330	2520	76	46-100	
4-Nitrophenol	6670	5500	83	45-114	
2,4-Dinitrophenol	6670	1940	29	10-129	
Dibenzofuran	3330	2440	73	52-106	
Diethyl phthalate	3330	2560	77	52-114	
Fluorene	3330	2490	75	51-108	
Fluoranthene	3330	2530	76	49-108	
Di-n-butyl phthalate	3330	2620	79	50-108	
2,4-Dinitrotoluene	3330	2560	77	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x28886.d

Lab ID: LCS 460-122303/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2440	73	50-106	
4-Nitroaniline	3330	2130	64	45-106	
4,6-Dinitro-2-methylphenol	6670	3090	46	10-110	
4-Bromophenyl phenyl ether	3330	2580	77	44-102	
Atrazine	3330	1750	52	30-100	
Anthracene	3330	2520	75	50-107	
Carbazole	3330	2590	78	49-104	
Phenanthrene	3330	2550	77	48-108	
Pentachlorophenol	6670	4970	75	19-113	
Pyrene	3330	2550	76	49-116	
Chrysene	3330	2540	76	45-114	
Benzo[k]fluoranthene	3330	2470	74	35-115	
Benzo[g,h,i]perylene	3330	2890	87	43-106	
Benzo[b]fluoranthene	3330	2330	70	33-96	
Benzo[a]pyrene	3330	2560	77	36-89	
Benzo[a]anthracene	3330	2490	75	46-112	
N-Nitrosodiphenylamine	3330	2790	84	49-106	
Butyl benzyl phthalate	3330	2600	78	49-117	
Bis(2-ethylhexyl) phthalate	3330	2570	77	49-119	
Di-n-octyl phthalate	3330	2320	70	40-106	
Indeno[1,2,3-cd]pyrene	3330	2670	80	43-109	
Dibenz(a,h)anthracene	3330	2910	87	43-107	
3,3'-Dichlorobenzidine	3330	2450	73	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2220	67	70-130	*
2,3,4,6-Tetrachlorophenol	3330	2420	73	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: uu79123.d

Lab ID: LCS 460-122438/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6670	5050	76	54-115	
2-Chlorophenol	6670	5320	80	56-110	
2-Methylphenol	6670	5060	76	54-117	
4-Methylphenol	6670	5130	77	47-103	
Benzaldehyde	3330	1200	36	10-160	
Acetophenone	3330	2630	79	40-95	
Bis(2-chloroethyl)ether	3330	2470	74	44-101	
2,2'-oxybis[1-chloropropane]	3330	2520	76	45-102	
N-Nitrosodi-n-propylamine	3330	2130	64	42-107	
Nitrobenzene	3330	2610	78	42-106	
Hexachloroethane	3330	2450	74	45-90	
Isophorone	3330	2430	73	48-97	
2-Nitrophenol	6670	5220	78	55-101	
2,4-Dimethylphenol	6670	5340	80	56-112	
2,4-Dichlorophenol	6670	5280	79	58-115	
Bis(2-chloroethoxy)methane	3330	2710	81	51-100	
Naphthalene	3330	2610	78	53-94	
4-Chloroaniline	3330	2100	63	10-96	
Hexachlorobutadiene	3330	2510	75	45-98	
Caprolactam	3330	2030	61	10-127	
4-Chloro-3-methylphenol	6670	5630	84	55-117	
2-Methylnaphthalene	3330	2670	80	51-98	
Hexachlorobenzene	3330	2740	82	43-104	
Hexachlorocyclopentadiene	3330	1880	56	24-98	
2,4,6-Trichlorophenol	6670	5240	79	53-118	
2,4,5-Trichlorophenol	6670	5130	77	50-115	
Diphenyl	3330	2590	78	50-105	
2-Chloronaphthalene	3330	2630	79	51-102	
2-Nitroaniline	3330	3010	90	51-109	
2,6-Dinitrotoluene	3330	2950	88	51-115	
Dimethyl phthalate	3330	2870	86	52-112	
Acenaphthylene	3330	2650	79	51-103	
3-Nitroaniline	3330	2270	68	32-104	
Acenaphthene	3330	3030	91	46-100	
4-Nitrophenol	6670	6340	95	45-114	
2,4-Dinitrophenol	6670	1800	27	10-129	
Dibenzofuran	3330	2650	79	52-106	
Diethyl phthalate	3330	2920	88	52-114	
Fluorene	3330	2770	83	51-108	
Fluoranthene	3330	2690	81	49-108	
Di-n-butyl phthalate	3330	2810	84	50-108	
2,4-Dinitrotoluene	3330	2980	89	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: uu79123.d

Lab ID: LCS 460-122438/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2810	84	50-106	
4-Nitroaniline	3330	2970	89	45-106	
4,6-Dinitro-2-methylphenol	6670	2940	44	10-110	
4-Bromophenyl phenyl ether	3330	2820	85	44-102	
Atrazine	3330	1890	57	30-100	
Anthracene	3330	2510	75	50-107	
Carbazole	3330	2750	82	49-104	
Phenanthrene	3330	2650	79	48-108	
Pentachlorophenol	6670	4900	73	19-113	
Pyrene	3330	2650	79	49-116	
Chrysene	3330	2480	74	45-114	
Benzo[k]fluoranthene	3330	3000	90	35-115	
Benzo[g,h,i]perylene	3330	2510	75	43-106	
Benzo[b]fluoranthene	3330	3160	95	33-96	
Benzo[a]pyrene	3330	2970	89	36-89	
Benzo[a]anthracene	3330	2630	79	46-112	
N-Nitrosodiphenylamine	3330	2810	84	49-106	
Butyl benzyl phthalate	3330	2710	81	49-117	
Bis(2-ethylhexyl) phthalate	3330	2550	76	49-119	
Di-n-octyl phthalate	3330	3130	94	40-106	
Indeno[1,2,3-cd]pyrene	3330	2560	77	43-109	
Dibenz(a,h)anthracene	3330	2730	82	43-107	
3,3'-Dichlorobenzidine	3330	2220	67	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2480	74	70-130	
2,3,4,6-Tetrachlorophenol	3330	2870	86	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x28840.d

Lab ID: LCSD 460-122162/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	100	31.5	32	4	30	12-44	
2-Chlorophenol	100	79.9	80	7	30	53-101	
2-Methylphenol	100	68.2	68	5	30	40-90	
4-Methylphenol	100	62.7	63	8	30	30-75	
Benzaldehyde	100	141	141	6	30	52-150	
Acetophenone	100	87.6	88	6	30	68-109	
Bis(2-chloroethyl)ether	100	92.2	92	6	30	62-108	
2,2'-oxybis[1-chloropropane]	100	82.1	82	10	30	68-107	
N-Nitrosodi-n-propylamine	100	88.0	88	7	30	70-109	
Nitrobenzene	100	82.2	82	7	30	66-106	
Hexachloroethane	100	80.6	81	9	30	50-99	
Isophorone	100	83.4	83	7	30	68-108	
2-Nitrophenol	100	83.0	83	8	30	65-107	
2,4-Dimethylphenol	100	80.2	80	7	30	55-100	
2,4-Dichlorophenol	100	86.6	87	7	30	64-107	
Bis(2-chloroethoxy)methane	100	84.9	85	7	30	69-108	
Naphthalene	100	82.4	82	7	30	63-101	
4-Chloroaniline	100	80.5	80	8	30	58-105	
Hexachlorobutadiene	100	78.4	78	8	30	52-99	
Caprolactam	100	18.4	18	1	30	10-30	
4-Chloro-3-methylphenol	100	82.1	82	5	30	57-106	
2-Methylnaphthalene	100	79.6	80	7	30	66-102	
Hexachlorobenzene	100	82.5	83	7	30	65-107	
Hexachlorocyclopentadiene	100	75.5	76	4	30	40-105	
2,4,6-Trichlorophenol	100	85.2	85	6	30	67-111	
2,4,5-Trichlorophenol	100	87.1	87	5	30	67-114	
Diphenyl	100	84.7	85	7	30	66-112	
2-Chloronaphthalene	100	81.6	82	6	30	65-107	
2-Nitroaniline	100	92.7	93	3	30	73-116	
2,6-Dinitrotoluene	100	85.7	86	4	30	68-114	
Dimethyl phthalate	100	86.3	86	5	30	69-111	
Acenaphthylene	100	82.5	83	5	30	67-107	
3-Nitroaniline	100	84.5	85	6	30	59-108	
Acenaphthene	100	85.8	86	6	30	66-108	
4-Nitrophenol	100	24.4 J	24	1	30	10-44	
2,4-Dinitrophenol	100	64.6	65	3	30	19-113	
Dibenzofuran	100	81.7	82	7	30	68-105	
Diethyl phthalate	100	83.6	84	7	30	66-109	
Fluorene	100	85.0	85	5	30	68-105	
Fluoranthene	100	82.8	83	5	30	68-108	
Di-n-butyl phthalate	100	86.3	86	4	30	68-111	
2,4-Dinitrotoluene	100	82.0	82	5	30	65-113	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x28840.d

Lab ID: LCSD 460-122162/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	100	81.9	82	5	30	68-105	
4-Nitroaniline	100	79.1	79	8	30	49-119	
4,6-Dinitro-2-methylphenol	100	85.4	85	2	30	58-115	
4-Bromophenyl phenyl ether	100	84.9	85	7	30	66-110	
Atrazine	100	80.8	81	5	30	56-116	
Anthracene	100	84.0	84	5	30	68-108	
Carbazole	100	85.3	85	5	30	67-110	
Phenanthrene	100	85.3	85	5	30	68-110	
Pentachlorophenol	100	79.5	79	6	30	55-116	
Pyrene	100	87.4	87	5	30	61-110	
Chrysene	100	87.4	87	4	30	68-112	
Benzo[k]fluoranthene	100	89.1	89	5	30	66-114	
Benzo[g,h,i]perylene	100	94.6	95	8	30	65-134	
Benzo[b]fluoranthene	100	79.1	79	2	30	65-111	
Benzo[a]pyrene	100	86.6	87	5	30	58-101	
Benzo[a]anthracene	100	82.0	82	5	30	65-106	
N-Nitrosodiphenylamine	100	91.8	92	5	30	71-121	
Butyl benzyl phthalate	100	91.2	91	6	30	66-115	
Bis(2-ethylhexyl) phthalate	100	89.6	90	6	30	66-114	
Di-n-octyl phthalate	100	85.5	86	3	30	51-115	
Indeno[1,2,3-cd]pyrene	100	83.7	84	5	30	68-121	
Dibenz(a,h)anthracene	100	92.8	93	6	30	67-124	
3,3'-Dichlorobenzidine	100	95.1	95	14	30	69-129	
1,2,4,5-Tetrachlorobenzene	100	75.3	75	7	30	70-130	
2,3,4,6-Tetrachlorophenol	100	79.4	79	6	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: uu79144.d

Lab ID: 460-42971-3 MS Client ID: 20120731SB-397V0-2N MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	9260	230 J	7230	76	54-115	
2-Chlorophenol	9260	60 U	7100	77	56-110	
2-Methylphenol	9260	78 U	6860	74	54-117	
4-Methylphenol	9260	90 U	6830	74	47-103	
Benzaldehyde	4630	54 U	3860	83	10-160	
Acetophenone	4630	71 U	3790	82	40-95	
Bis(2-chloroethyl)ether	4630	6.3 U	3720	80	44-101	
2,2'-oxybis[1-chloropropane]	4630	51 U	3560	77	45-102	
N-Nitrosodi-n-propylamine	4630	7.7 U	3700	80	42-107	
Nitrobenzene	4630	6.5 U	3930	85	42-106	
Hexachloroethane	4630	5.1 U	2980	64	45-90	
Isophorone	4630	56 U	3510	76	48-97	
2-Nitrophenol	9260	51 U	6330	68	55-101	
2,4-Dimethylphenol	9260	110 U	7370	80	56-112	
2,4-Dichlorophenol	9260	67 U	6600	71	58-115	
Bis(2-chloroethoxy)methane	4630	59 U	3880	84	51-100	
Naphthalene	4630	330 J	3940	78	53-94	
4-Chloroaniline	4630	120 U	1140	25	10-96	
Hexachlorobutadiene	4630	11 U	3710	80	45-98	
Caprolactam	4630	110 U	120 J	3	10-127	F
4-Chloro-3-methylphenol	9260	69 U	6490	70	55-117	
2-Methylnaphthalene	4630	180 J	3550	73	51-98	
Hexachlorobenzene	4630	6.3 U	4250	92	43-104	
Hexachlorocyclopentadiene	4630	54 U	96.1 J	2	24-98	F
2,4,6-Trichlorophenol	9260	54 U	7460	81	53-118	
2,4,5-Trichlorophenol	9260	59 U	6900	75	50-115	
Diphenyl	4630	88 J	4320	91	50-105	
2-Chloronaphthalene	4630	51 U	4180	90	51-102	
2-Nitroaniline	4630	190 U	3600	78	51-109	
2,6-Dinitrotoluene	4630	14 U	3760	81	51-115	
Dimethyl phthalate	4630	54 U	4130	89	52-112	
Acenaphthylene	4630	440 J	4130	80	51-103	
3-Nitroaniline	4630	160 U	2300	50	32-104	
Acenaphthene	4630	200 J	4490	93	46-100	
4-Nitrophenol	9260	300 U	7050	76	45-114	
2,4-Dinitrophenol	9260	260 U	346 J	4	10-129	F
Dibenzofuran	4630	350 J	4220	84	52-106	
Diethyl phthalate	4630	55 U	3970	86	52-114	
Fluorene	4630	250 J	4310	88	51-108	
Fluoranthene	4630	6000	10000	87	49-108	
Di-n-butyl phthalate	4630	57 U	4230	91	50-108	
2,4-Dinitrotoluene	4630	15 U	3530	76	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: uu79144.d

Lab ID: 460-42971-3 MS Client ID: 20120731SB-397V0-2N MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	4630	54 U	4360	94	50-106	
4-Nitroaniline	4630	140 U	1750	38	45-106	F
4,6-Dinitro-2-methylphenol	9260	130 U	757 J	8	10-110	F
4-Bromophenyl phenyl ether	4630	46 U	4160	90	44-102	
Atrazine	4630	71 U	2480	54	30-100	
Anthracene	4630	1100	4990	84	50-107	
Carbazole	4630	340 J	4040	80	49-104	
Phenanthrene	4630	4100	8120	87	48-108	
Pentachlorophenol	9260	140 U	6220	67	19-113	
Pyrene	4630	4600	8040	75	49-116	
Chrysene	4630	4700	8340	79	45-114	
Benzo[k]fluoranthene	4630	3100	12300	198	35-115	E F
Benzo[g,h,i]perylene	4630	1300	3060	38	43-106	F
Benzo[b]fluoranthene	4630	7200	13000	124	33-96	E F
Benzo[a]pyrene	4630	4500	3640	-19	36-89	F
Benzo[a]anthracene	4630	3700	7650	86	46-112	
N-Nitrosodiphenylamine	4630	45 U	4270	92	49-106	
Butyl benzyl phthalate	4630	42 U	3560	77	49-117	
Bis(2-ethylhexyl) phthalate	4630	150 U	3460	75	49-119	
Di-n-octyl phthalate	4630	29 U	5600	121	40-106	F
Indeno[1,2,3-cd]pyrene	4630	1700	4050	50	43-109	
Dibenz(a,h)anthracene	4630	570	2620	44	43-107	
3,3'-Dichlorobenzidine	4630	160 U	160 U	0	24-105	F
1,2,4,5-Tetrachlorobenzene	4630	62 U	4070	88	70-130	
2,3,4,6-Tetrachlorophenol	4630	60 U	3460	75	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x28903.d

Lab ID: 460-43010-F-2-C MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	8830	59 U	5870	66	54-115	
2-Chlorophenol	8830	58 U	5790	66	56-110	
2-Methylphenol	8830	75 U	6360	72	54-117	
4-Methylphenol	8830	86 U	6560	74	47-103	
Benzaldehyde	4420	52 U	2420	55	10-160	
Acetophenone	4420	67 U	3040	69	40-95	
Bis(2-chloroethyl)ether	4420	6.0 U	3130	71	44-101	
2,2'-oxybis[1-chloropropane]	4420	49 U	2810	64	45-102	
N-Nitrosodi-n-propylamine	4420	7.3 U	3630	82	42-107	
Nitrobenzene	4420	6.2 U	2920	66	42-106	
Hexachloroethane	4420	4.9 U	1940	44	45-90	F
Isophorone	4420	53 U	3320	75	48-97	
2-Nitrophenol	8830	49 U	4990	56	55-101	
2,4-Dimethylphenol	8830	110 U	6580	74	56-112	
2,4-Dichlorophenol	8830	64 U	6050	69	58-115	
Bis(2-chloroethoxy)methane	4420	57 U	3320	75	51-100	
Naphthalene	4420	51 U	2760	63	53-94	
4-Chloroaniline	4420	120 U	2310	52	10-96	
Hexachlorobutadiene	4420	11 U	2440	55	45-98	
Caprolactam	4420	100 U	3510	79	10-127	
4-Chloro-3-methylphenol	8830	66 U	6880	78	55-117	
2-Methylnaphthalene	4420	56 U	2950	67	51-98	
Hexachlorobenzene	4420	6.0 U	3890	88	43-104	
Hexachlorocyclopentadiene	4420	52 U	1130	26	24-98	
2,4,6-Trichlorophenol	8830	51 U	6150	70	53-118	
2,4,5-Trichlorophenol	8830	57 U	6130	69	50-115	
Diphenyl	4420	59 U	3590	81	50-105	
2-Chloronaphthalene	4420	49 U	3320	75	51-102	
2-Nitroaniline	4420	180 U	3830	87	51-109	
2,6-Dinitrotoluene	4420	13 U	3800	86	51-115	
Dimethyl phthalate	4420	52 U	4180	95	52-112	
Acenaphthylene	4420	52 U	3450	78	51-103	
3-Nitroaniline	4420	160 U	3220	73	32-104	
Acenaphthene	4420	64 U	3660	83	46-100	
4-Nitrophenol	8830	280 U	7130	81	45-114	
2,4-Dinitrophenol	8830	250 U	1360	15	10-129	
Dibenzofuran	4420	52 U	3520	80	52-106	
Diethyl phthalate	4420	52 U	4200	95	52-114	
Fluorene	4420	56 U	3670	83	51-108	
Fluoranthene	4420	450	4000	80	49-108	
Di-n-butyl phthalate	4420	54 U	4390	99	50-108	
2,4-Dinitrotoluene	4420	14 U	3940	89	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x28903.d

Lab ID: 460-43010-F-2-C MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	4420	52 U	3680	83	50-106	
4-Nitroaniline	4420	140 U	3520	80	45-106	
4,6-Dinitro-2-methylphenol	8830	120 U	2500	28	10-110	
4-Bromophenyl phenyl ether	4420	44 U	3960	90	44-102	
Atrazine	4420	68 U	2810	64	30-100	
Anthracene	4420	55 J	3710	83	50-107	
Carbazole	4420	52 U	3810	86	49-104	
Phenanthrene	4420	250 J	4020	85	48-108	
Pentachlorophenol	8830	130 U	3000	34	19-113	
Pyrene	4420	380 J	3930	80	49-116	
Chrysene	4420	240 J	4070	87	45-114	
Benzo[k]fluoranthene	4420	99	3430	76	35-115	
Benzo[g,h,i]perylene	4420	190 J	5880	129	43-106	F
Benzo[b]fluoranthene	4420	260	3640	77	33-96	
Benzo[a]pyrene	4420	230	4100	88	36-89	
Benzo[a]anthracene	4420	200	3930	84	46-112	
N-Nitrosodiphenylamine	4420	43 U	4330	98	49-106	
Butyl benzyl phthalate	4420	40 U	4270	97	49-117	
Bis(2-ethylhexyl) phthalate	4420	150 U	4440	101	49-119	
Di-n-octyl phthalate	4420	28 U	3180	72	40-106	
Indeno[1,2,3-cd]pyrene	4420	220	5580	121	43-109	F
Dibenz(a,h)anthracene	4420	49	5450	122	43-107	F
3,3'-Dichlorobenzidine	4420	150 U	3240	73	24-105	
1,2,4,5-Tetrachlorobenzene	4420	59 U	2960	67	70-130	F
2,3,4,6-Tetrachlorophenol	4420	57 U	2240	51	70-130	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: uu79145.d

Lab ID: 460-42971-3 MSD Client ID: 20120731SB-397V0-2N MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	9250	6940	73	4	30	54-115	
2-Chlorophenol	9250	6800	74	4	30	56-110	
2-Methylphenol	9250	6690	72	2	30	54-117	
4-Methylphenol	9250	6830	74	0	30	47-103	
Benzaldehyde	4620	4050	88	5	30	10-160	
Acetophenone	4620	3750	81	1	30	40-95	
Bis(2-chloroethyl)ether	4620	3690	80	1	30	44-101	
2,2'-oxybis[1-chloropropane]	4620	3510	76	2	30	45-102	
N-Nitrosodi-n-propylamine	4620	3850	83	4	30	42-107	
Nitrobenzene	4620	3900	84	1	30	42-106	
Hexachloroethane	4620	2780	60	7	30	45-90	
Isophorone	4620	3490	75	0	30	48-97	
2-Nitrophenol	9250	6070	66	4	30	55-101	
2,4-Dimethylphenol	9250	7150	77	3	30	56-112	
2,4-Dichlorophenol	9250	6670	72	1	30	58-115	
Bis(2-chloroethoxy)methane	4620	3860	84	0	30	51-100	
Naphthalene	4620	3950	78	0	30	53-94	
4-Chloroaniline	4620	1180	26	3	30	10-96	
Hexachlorobutadiene	4620	3910	85	5	30	45-98	
Caprolactam	4620	122 J	3	2	30	10-127	F
4-Chloro-3-methylphenol	9250	6390	69	2	30	55-117	
2-Methylnaphthalene	4620	3640	75	3	30	51-98	
Hexachlorobenzene	4620	4210	91	1	30	43-104	
Hexachlorocyclopentadiene	4620	92.3 J	2	4	30	24-98	F
2,4,6-Trichlorophenol	9250	7620	82	2	30	53-118	
2,4,5-Trichlorophenol	9250	7620	82	10	30	50-115	
Diphenyl	4620	4710	100	9	30	50-105	
2-Chloronaphthalene	4620	4320	93	3	30	51-102	
2-Nitroaniline	4620	3990	86	10	30	51-109	
2,6-Dinitrotoluene	4620	4130	89	10	30	51-115	
Dimethyl phthalate	4620	4510	97	9	30	52-112	
Acenaphthylene	4620	4500	88	9	30	51-103	
3-Nitroaniline	4620	2350	51	2	30	32-104	
Acenaphthene	4620	4860	101	8	30	46-100	F
4-Nitrophenol	9250	7410	80	5	30	45-114	
2,4-Dinitrophenol	9250	260 U	0	NC	30	10-129	F
Dibenzofuran	4620	4460	89	6	30	52-106	
Diethyl phthalate	4620	4370	94	9	30	52-114	
Fluorene	4620	4280	87	1	30	51-108	
Fluoranthene	4620	12900	148	25	30	49-108	E F
Di-n-butyl phthalate	4620	4290	93	1	30	50-108	
2,4-Dinitrotoluene	4620	3690	80	4	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: uu79145.d

Lab ID: 460-42971-3 MSD Client ID: 20120731SB-397V0-2N MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	4620	4100	89	6	30	50-106	
4-Nitroaniline	4620	1820	39	4	30	45-106	F
4,6-Dinitro-2-methylphenol	9250	452 J	5	50	30	10-110	F
4-Bromophenyl phenyl ether	4620	4390	95	5	30	44-102	
Atrazine	4620	2350	51	5	30	30-100	
Anthracene	4620	5540	96	11	30	50-107	
Carbazole	4620	4130	82	2	30	49-104	
Phenanthrene	4620	10400	135	24	30	48-108	F
Pentachlorophenol	9250	5380	58	15	30	19-113	
Pyrene	4620	10700	133	29	30	49-116	F
Chrysene	4620	10500	126	23	30	45-114	F
Benzo[k]fluoranthene	4620	15600	268	23	30	35-115	E F
Benzo[g,h,i]perylene	4620	3470	47	12	30	43-106	
Benzo[b]fluoranthene	4620	34.4 J	-156	199	30	33-96	F
Benzo[a]pyrene	4620	11700	154	105	30	36-89	E F
Benzo[a]anthracene	4620	9860	134	25	30	46-112	F
N-Nitrosodiphenylamine	4620	4330	94	1	30	49-106	
Butyl benzyl phthalate	4620	3850	83	8	30	49-117	
Bis(2-ethylhexyl) phthalate	4620	3590	78	4	30	49-119	
Di-n-octyl phthalate	4620	6890	149	21	30	40-106	F
Indeno[1,2,3-cd]pyrene	4620	97.1	-36	191	30	43-109	F
Dibenz(a,h)anthracene	4620	114	-10	183	30	43-107	F
3,3'-Dichlorobenzidine	4620	160 U	0	NC	30	24-105	F
1,2,4,5-Tetrachlorobenzene	4620	4470	97	9	30	70-130	
2,3,4,6-Tetrachlorophenol	4620	3520	76	1	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x28904.d

Lab ID: 460-43010-F-2-D MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	8840	6180	70	5	30	54-115	
2-Chlorophenol	8840	6000	68	3	30	56-110	
2-Methylphenol	8840	6590	75	4	30	54-117	
4-Methylphenol	8840	6730	76	3	30	47-103	
Benzaldehyde	4420	2530	57	4	30	10-160	
Acetophenone	4420	3170	72	4	30	40-95	
Bis(2-chloroethyl)ether	4420	3270	74	5	30	44-101	
2,2'-oxybis[1-chloropropane]	4420	2910	66	3	30	45-102	
N-Nitrosodi-n-propylamine	4420	3810	86	5	30	42-107	
Nitrobenzene	4420	2970	67	2	30	42-106	
Hexachloroethane	4420	2040	46	5	30	45-90	
Isophorone	4420	3420	77	3	30	48-97	
2-Nitrophenol	8840	5170	59	4	30	55-101	
2,4-Dimethylphenol	8840	6800	77	3	30	56-112	
2,4-Dichlorophenol	8840	6300	71	4	30	58-115	
Bis(2-chloroethoxy)methane	4420	3440	78	4	30	51-100	
Naphthalene	4420	2860	65	3	30	53-94	
4-Chloroaniline	4420	2350	53	2	30	10-96	
Hexachlorobutadiene	4420	2490	56	2	30	45-98	
Caprolactam	4420	3540	80	1	30	10-127	
4-Chloro-3-methylphenol	8840	6940	78	1	30	55-117	
2-Methylnaphthalene	4420	3040	69	3	30	51-98	
Hexachlorobenzene	4420	4180	94	7	30	43-104	
Hexachlorocyclopentadiene	4420	1100	25	3	30	24-98	
2,4,6-Trichlorophenol	8840	6310	71	3	30	53-118	
2,4,5-Trichlorophenol	8840	6300	71	3	30	50-115	
Diphenyl	4420	3680	83	2	30	50-105	
2-Chloronaphthalene	4420	3400	77	2	30	51-102	
2-Nitroaniline	4420	3810	86	1	30	51-109	
2,6-Dinitrotoluene	4420	3900	88	3	30	51-115	
Dimethyl phthalate	4420	4260	96	2	30	52-112	
Acenaphthylene	4420	3530	80	2	30	51-103	
3-Nitroaniline	4420	3330	75	3	30	32-104	
Acenaphthene	4420	3770	85	3	30	46-100	
4-Nitrophenol	8840	7240	82	1	30	45-114	
2,4-Dinitrophenol	8840	1360	15	1	30	10-129	
Dibenzofuran	4420	3610	82	2	30	52-106	
Diethyl phthalate	4420	4300	97	2	30	52-114	
Fluorene	4420	3770	85	3	30	51-108	
Fluoranthene	4420	4230	85	6	30	49-108	
Di-n-butyl phthalate	4420	4680	106	6	30	50-108	
2,4-Dinitrotoluene	4420	4000	90	2	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x28904.d

Lab ID: 460-43010-F-2-D MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	4420	3770	85	3	30	50-106	
4-Nitroaniline	4420	3200	72	9	30	45-106	
4,6-Dinitro-2-methylphenol	8840	2730	31	9	30	10-110	
4-Bromophenyl phenyl ether	4420	4190	95	6	30	44-102	
Atrazine	4420	2980	67	6	30	30-100	
Anthracene	4420	3980	89	7	30	50-107	
Carbazole	4420	3950	89	4	30	49-104	
Phenanthrene	4420	4310	92	7	30	48-108	
Pentachlorophenol	8840	3070	35	2	30	19-113	
Pyrene	4420	4010	82	2	30	49-116	
Chrysene	4420	4210	90	3	30	45-114	
Benzo[k]fluoranthene	4420	3570	79	4	30	35-115	
Benzo[g,h,i]perylene	4420	6040	132	3	30	43-106	F
Benzo[b]fluoranthene	4420	3700	78	2	30	33-96	
Benzo[a]pyrene	4420	4070	87	1	30	36-89	
Benzo[a]anthracene	4420	4060	87	3	30	46-112	
N-Nitrosodiphenylamine	4420	4550	103	5	30	49-106	
Butyl benzyl phthalate	4420	4390	99	3	30	49-117	
Bis(2-ethylhexyl) phthalate	4420	4470	101	1	30	49-119	
Di-n-octyl phthalate	4420	3170	72	0	30	40-106	
Indeno[1,2,3-cd]pyrene	4420	5460	119	2	30	43-109	F
Dibenz(a,h)anthracene	4420	5600	126	3	30	43-107	F
3,3'-Dichlorobenzidine	4420	3520	80	8	30	24-105	
1,2,4,5-Tetrachlorobenzene	4420	3070	69	4	30	70-130	F
2,3,4,6-Tetrachlorophenol	4420	2290	52	2	30	70-130	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: x28841.d Lab Sample ID: MB 460-122162/1-A

Matrix: Water Date Extracted: 08/01/2012 14:33

Instrument ID: BNAMS5 Date Analyzed: 08/02/2012 03:42

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-122162/2-A	x28839.d	08/02/2012 02:53
	LCSD 460-122162/3-A	x28840.d	08/02/2012 03:18
20120731EB	460-42971-15	x28880.d	08/02/2012 20:54

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: x28887.d Lab Sample ID: MB 460-122303/1-A

Matrix: Solid Date Extracted: 08/02/2012 12:50

Instrument ID: BNAMS5 Date Analyzed: 08/03/2012 03:58

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-122303/2-A	x28886.d	08/03/2012 03:34
20120731SB-396V6-7N	460-42971-2	x28888.d	08/03/2012 04:23
20120731SB-387V3-4N	460-42971-14	x28889.d	08/03/2012 04:47
20120731SB-392V7-8N	460-42971-12	x28890.d	08/03/2012 05:11
20120731SB-387V0-2N	460-42971-13	x28894.d	08/03/2012 06:50
20120731SB-393V0-2N	460-42971-9	x28895.d	08/03/2012 07:14
20120731SB-392V0-2N	460-42971-11	x28896.d	08/03/2012 07:39
20120731SB-396V0-2N	460-42971-1	x28897.d	08/03/2012 08:03
	460-43010-F-2-C MS	x28903.d	08/03/2012 10:38
	460-43010-F-2-D MSD	x28904.d	08/03/2012 11:03
20120731SB-394V7-8N	460-42971-8	x29030.d	08/07/2012 23:23
20120731SB-394V0-2N	460-42971-7	x29031.d	08/07/2012 23:45
20120731SB-397V5-6N	460-42971-6	x29034.d	08/08/2012 00:51
20120731FD DL	460-42971-16 DL	x29035.d	08/08/2012 01:14
20120731SB-393V7-8N	460-42971-10	x29036.d	08/08/2012 01:36

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: uu79122.d Lab Sample ID: MB 460-122438/1-A

Matrix: Solid Date Extracted: 08/03/2012 08:49

Instrument ID: BNAMS4 Date Analyzed: 08/06/2012 14:25

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-122438/2-A	uu79123.d	08/06/2012 14:46
20120731SB-397V0-2N	460-42971-3	uu79143.d	08/06/2012 21:28
20120731SB-397V0-2N MS	460-42971-3 MS	uu79144.d	08/06/2012 21:48
20120731SB-397V0-2N MSD	460-42971-3 MSD	uu79145.d	08/06/2012 22:08

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: u78918.d DFTPP Injection Date: 07/31/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 08:35

Analysis Batch No.: 121984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	62.0	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	48.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	19.2	
365	Greater than 1.0 % of mass 198	1.7	
441	Present but less than mass 443	8.7	(75.4)1
442	Greater than 40.0 % of mass 198	56.3	
443	17.0 - 23.0 % of mass 442	11.5	(20.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-121984/2	u78919.d	07/31/2012	08:56
	IC 460-121984/3	u78920.d	07/31/2012	09:25
	IC 460-121984/4	u78921.d	07/31/2012	09:45
	IC 460-121984/5	u78922.d	07/31/2012	10:05
	IC 460-121984/6	u78923.d	07/31/2012	10:25
	IC 460-121984/7	u78924.d	07/31/2012	10:45

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: uu79109.d DFTPP Injection Date: 08/06/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 13:22

Analysis Batch No.: 122921

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	61.2	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	47.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	20.4	
365	Greater than 1.0 % of mass 198	2.0	
441	Present but less than mass 443	11.2	(78.3)1
442	Greater than 40.0 % of mass 198	73.7	
443	17.0 - 23.0 % of mass 442	14.3	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-122921/2	uu79120.d	08/06/2012	13:41
	MB 460-122438/1-A	uu79122.d	08/06/2012	14:25
	LCS 460-122438/2-A	uu79123.d	08/06/2012	14:46
20120731SB-397V0-2N	460-42971-3	uu79143.d	08/06/2012	21:28
20120731SB-397V0-2N MS	460-42971-3 MS	uu79144.d	08/06/2012	21:48
20120731SB-397V0-2N MSD	460-42971-3 MSD	uu79145.d	08/06/2012	22:08

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: x28353.d DFTPP Injection Date: 07/19/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 01:46

Analysis Batch No.: 120552

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.4	
68	Less than 2.0 % of mass 69	0.7	(1.6)1
69	Mass 69 relative abundance	43.3	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	53.1	
197	Less than 1.0 % of mass 198	0.4	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	27.6	
365	Greater than 1.0 % of mass 198	4.5	
441	Present but less than mass 443	4.8	(30.5)1
442	Greater than 40.0 % of mass 198	81.5	
443	17.0 - 23.0 % of mass 442	15.6	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-120552/2	x28354.d	07/19/2012	02:12
	IC 460-120552/3	x28355.d	07/19/2012	02:39
	IC 460-120552/4	x28357.d	07/19/2012	03:28
	IC 460-120552/5	x28358.d	07/19/2012	03:52
	IC 460-120552/6	x28359.d	07/19/2012	04:17
	IC 460-120552/7	x28360.d	07/19/2012	05:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: x28834.d DFTPP Injection Date: 08/02/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 00:59

Analysis Batch No.: 122318

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	44.2	
68	Less than 2.0 % of mass 69	0.8	(1.7)1
69	Mass 69 relative abundance	44.5	
70	Less than 2.0 % of mass 69	0.3	(0.6)1
127	40.0 - 60.0 % of mass 198	53.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	27.8	
365	Greater than 1.0 % of mass 198	4.2	
441	Present but less than mass 443	13.4	(81.9)1
442	Greater than 40.0 % of mass 198	80.7	
443	17.0 - 23.0 % of mass 442	16.3	(20.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-122318/2	x28835.d	08/02/2012	01:13
	LCS 460-122162/2-A	x28839.d	08/02/2012	02:53
	LCSD 460-122162/3-A	x28840.d	08/02/2012	03:18
	MB 460-122162/1-A	x28841.d	08/02/2012	03:42

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: x28860.d DFTPP Injection Date: 08/02/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 12:37

Analysis Batch No.: 122357

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.1	
68	Less than 2.0 % of mass 69	0.8	(2.0)1
69	Mass 69 relative abundance	41.8	
70	Less than 2.0 % of mass 69	0.4	(0.9)1
127	40.0 - 60.0 % of mass 198	51.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	29.4	
365	Greater than 1.0 % of mass 198	4.6	
441	Present but less than mass 443	5.6	(30.6)1
442	Greater than 40.0 % of mass 198	101.6	
443	17.0 - 23.0 % of mass 442	18.4	(18.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-122357/2	x28861.d	08/02/2012	12:51
20120731EB	460-42971-15	x28880.d	08/02/2012	20:54

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: x28884.d DFTPP Injection Date: 08/03/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 02:22

Analysis Batch No.: 122476

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.0	
68	Less than 2.0 % of mass 69	0.7	(1.7)1
69	Mass 69 relative abundance	43.3	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	52.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	28.5	
365	Greater than 1.0 % of mass 198	4.6	
441	Present but less than mass 443	14.6	(89.0)1
442	Greater than 40.0 % of mass 198	86.9	
443	17.0 - 23.0 % of mass 442	16.4	(18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-122476/2	x28885.d	08/03/2012	02:46
	LCS 460-122303/2-A	x28886.d	08/03/2012	03:34
	MB 460-122303/1-A	x28887.d	08/03/2012	03:58
20120731SB-396V6-7N	460-42971-2	x28888.d	08/03/2012	04:23
20120731SB-387V3-4N	460-42971-14	x28889.d	08/03/2012	04:47
20120731SB-392V7-8N	460-42971-12	x28890.d	08/03/2012	05:11
20120731SB-387V0-2N	460-42971-13	x28894.d	08/03/2012	06:50
20120731SB-393V0-2N	460-42971-9	x28895.d	08/03/2012	07:14
20120731SB-392V0-2N	460-42971-11	x28896.d	08/03/2012	07:39
20120731SB-396V0-2N	460-42971-1	x28897.d	08/03/2012	08:03
	460-43010-F-2-C MS	x28903.d	08/03/2012	10:38
	460-43010-F-2-D MSD	x28904.d	08/03/2012	11:03

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab File ID: x29009.d DFTPP Injection Date: 08/07/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 15:23

Analysis Batch No.: 123117

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	44.5	
68	Less than 2.0 % of mass 69	0.9	(2.0)1
69	Mass 69 relative abundance	45.1	
70	Less than 2.0 % of mass 69	0.1	(0.3)1
127	40.0 - 60.0 % of mass 198	54.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	29.3	
365	Greater than 1.0 % of mass 198	4.7	
441	Present but less than mass 443	2.2	(12.4)1
442	Greater than 40.0 % of mass 198	98.8	
443	17.0 - 23.0 % of mass 442	17.7	(18.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-123117/2	x29010.d	08/07/2012	15:38
20120731SB-394V7-8N	460-42971-8	x29030.d	08/07/2012	23:23
20120731SB-394V0-2N	460-42971-7	x29031.d	08/07/2012	23:45
20120731SB-397V5-6N	460-42971-6	x29034.d	08/08/2012	00:51
20120731FD DL	460-42971-16 DL	x29035.d	08/08/2012	01:14
20120731SB-393V7-8N	460-42971-10	x29036.d	08/08/2012	01:36

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122921/2 Date Analyzed: 08/06/2012 13:41

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): uu79120.d Heated Purge: (Y/N) N

Calibration ID: 16584

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		224348	4.33	926161	5.64	523583	7.40
UPPER LIMIT		448696	4.83	1852322	6.14	1047166	7.90
LOWER LIMIT		112174	3.83	463081	5.14	261792	6.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-122438/1-A		307613	4.34	1257445	5.63	746062	7.40
LCS 460-122438/2-A		373697	4.34	1493622	5.64	815952	7.40
460-42971-3	20120731SB-397V0-2N	322681	4.34	1163065	5.63	500852	7.40
460-42971-3 MS	20120731SB-397V0-2N MS	308489	4.35	1187724	5.65	500433	7.41
460-42971-3 MSD	20120731SB-397V0-2N MSD	318281	4.35	1200228	5.65	476064	7.41

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122921/2 Date Analyzed: 08/06/2012 13:41

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): uu79120.d Heated Purge: (Y/N) N

Calibration ID: 16584

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		776250	8.88	634530	11.65	534503	13.57
UPPER LIMIT		1552500	9.38	1269060	12.15	1069006	14.07
LOWER LIMIT		388125	8.38	317265	11.15	267252	13.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-122438/1-A		1173994	8.87	1116633	11.64	840070	13.58
LCS 460-122438/2-A		1156933	8.88	928803	11.65	637502	13.58
460-42971-3	20120731SB-397V0-2N	549087	8.88	521664	11.67	305033	13.61
460-42971-3 MS	20120731SB-397V0-2N MS	560135	8.88	520396	11.68	310022	13.62
460-42971-3 MSD	20120731SB-397V0-2N MSD	557830	8.89	504372	11.69	269286	13.64

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122318/2 Date Analyzed: 08/02/2012 01:13

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x28835.d Heated Purge: (Y/N) N

Calibration ID: 16465

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		439795	3.78	1561517	5.07	726441	6.82
UPPER LIMIT		879590	4.28	3123034	5.57	1452882	7.32
LOWER LIMIT		219898	3.28	780759	4.57	363221	6.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-122162/2-A		462396	3.78	1668973	5.07	773456	6.82
LCSD 460-122162/3-A		515126	3.78	1864000	5.07	860898	6.82
MB 460-122162/1-A		487651	3.77	1769818	5.07	854202	6.82

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122318/2 Date Analyzed: 08/02/2012 01:13

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x28835.d Heated Purge: (Y/N) N

Calibration ID: 16465

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		913047	8.27	531918	10.91	388272	12.68
UPPER LIMIT		1826094	8.77	1063836	11.41	776544	13.18
LOWER LIMIT		456524	7.77	265959	10.41	194136	12.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-122162/2-A		942903	8.27	529061	10.92	410781	12.68
LCSD 460-122162/3-A		1058918	8.27	592477	10.92	447639	12.68
MB 460-122162/1-A		1082120	8.27	674112	10.91	492770	12.68

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122357/2 Date Analyzed: 08/02/2012 12:51

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x28861.d Heated Purge: (Y/N) N

Calibration ID: 16465

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		437538	3.75	1509691	5.05	658770	6.80
UPPER LIMIT		875076	4.25	3019382	5.55	1317540	7.30
LOWER LIMIT		218769	3.25	754846	4.55	329385	6.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-42971-15	20120731EB	426295	3.75	1545971	5.04	682681	6.80

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122357/2 Date Analyzed: 08/02/2012 12:51

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x28861.d Heated Purge: (Y/N) N

Calibration ID: 16465

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		761155	8.25	448309	10.90	382712	12.66
UPPER LIMIT		1522310	8.75	896618	11.40	765424	13.16
LOWER LIMIT		380578	7.75	224155	10.40	191356	12.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-42971-15	20120731EB	738582	8.25	381100	10.89	330450	12.65

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122476/2 Date Analyzed: 08/03/2012 02:46

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x28885.d Heated Purge: (Y/N) N

Calibration ID: 16465

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		375523	3.75	1311868	5.05	623480	6.80
UPPER LIMIT		751046	4.25	2623736	5.55	1246960	7.30
LOWER LIMIT		187762	3.25	655934	4.55	311740	6.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-122303/2-A		512579	3.75	1884505	5.05	916680	6.80
MB 460-122303/1-A		439509	3.75	1665409	5.04	840580	6.80
460-42971-2	20120731SB-396V6-7N	453007	3.75	1729309	5.04	870593	6.80
460-42971-14	20120731SB-387V3-4N	453407	3.75	1718902	5.04	866384	6.80
460-42971-12	20120731SB-392V7-8N	447624	3.75	1689134	5.04	845537	6.80
460-42971-13	20120731SB-387V0-2N	425810	3.75	1579237	5.04	758880	6.80
460-42971-9	20120731SB-393V0-2N	434322	3.75	1640623	5.04	799999	6.80
460-42971-11	20120731SB-392V0-2N	474037	3.75	1749890	5.04	822457	6.80
460-42971-1	20120731SB-396V0-2N	464583	3.75	1742390	5.04	812975	6.80
460-43010-F-2-C MS		381340	3.75	1368291	5.05	607626	6.80
460-43010-F-2-D MSD		366165	3.75	1327168	5.05	585771	6.80

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-122476/2 Date Analyzed: 08/03/2012 02:46

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x28885.d Heated Purge: (Y/N) N

Calibration ID: 16465

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		816271	8.25	515828	10.90	418869	12.66
UPPER LIMIT		1632542	8.75	1031656	11.40	837738	13.16
LOWER LIMIT		408136	7.75	257914	10.40	209435	12.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-122303/2-A		1133562	8.25	671394	10.91	543422	12.67
MB 460-122303/1-A		1089975	8.25	735937	10.89	548899	12.65
460-42971-2	20120731SB-396V6-7N	1148594	8.25	663797	10.89	489427	12.65
460-42971-14	20120731SB-387V3-4N	1122469	8.25	654333	10.89	521442	12.65
460-42971-12	20120731SB-392V7-8N	1119060	8.25	681834	10.89	520114	12.65
460-42971-13	20120731SB-387V0-2N	912572	8.25	524939	10.89	429796	12.65
460-42971-9	20120731SB-393V0-2N	1000424	8.25	582852	10.89	461880	12.65
460-42971-11	20120731SB-392V0-2N	996079	8.25	582990	10.89	490657	12.65
460-42971-1	20120731SB-396V0-2N	954386	8.25	549496	10.89	468862	12.65
460-43010-F-2-C MS		718778	8.25	425132	10.90	444933	12.66
460-43010-F-2-D MSD		668668	8.25	403419	10.90	432105	12.66

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-123117/2 Date Analyzed: 08/07/2012 15:38

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x29010.d Heated Purge: (Y/N) N

Calibration ID: 16465

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		350264	3.74	1241195	5.03	542396	6.79
UPPER LIMIT		700528	4.24	2482390	5.53	1084792	7.29
LOWER LIMIT		175132	3.24	620598	4.53	271198	6.29
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-42971-8	20120731SB-394V7-8N	368202	3.74	1267698	5.03	508034	6.78
460-42971-7	20120731SB-394V0-2N	286416	3.74	879386	5.03	335155	6.78
460-42971-6	20120731SB-397V5-6N	334563	3.73	1153980	5.03	492998	6.78
460-42971-16 DL	20120731FD DL	337136	3.73	1161867	5.03	498166	6.78
460-42971-10	20120731SB-393V7-8N	297765	3.73	920506	5.03	360456	6.78

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVIS 460-123117/2 Date Analyzed: 08/07/2012 15:38

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x29010.d Heated Purge: (Y/N) N

Calibration ID: 16465

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		598366	8.24	308557	10.88	246682	12.63
UPPER LIMIT		1196732	8.74	617114	11.38	493364	13.13
LOWER LIMIT		299183	7.74	154279	10.38	123341	12.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-42971-8	20120731SB-394V7-8N	528100	8.23	313323	10.88	347921	12.64
460-42971-7	20120731SB-394V0-2N	363626	8.23	292268	10.88	366867	12.64
460-42971-6	20120731SB-397V5-6N	523588	8.24	335999	10.87	384620	12.63
460-42971-16 DL	20120731FD DL	539724	8.24	348026	10.87	385406	12.63
460-42971-10	20120731SB-393V7-8N	390534	8.23	296547	10.88	366849	12.64

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V0-2N | Lab Sample ID: 460-42971-1

Matrix: Solid | Lab File ID: x28897.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:10

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 08:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	49	U	380	49
95-48-7	2-Methylphenol	64	U	380	64
106-44-5	4-Methylphenol	74	U	380	74
100-52-7	Benzaldehyde	44	U	380	44
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	38	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.3	U	38	5.3
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	93	U	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	59	J	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	48	J	380	48
118-74-1	Hexachlorobenzene	5.1	U	38	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	50	U	380	50
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	44	U	380	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	70	J	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V0-2N | Lab Sample ID: 460-42971-1

Matrix: Solid | Lab File ID: x28897.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:10

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 08:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	63	J	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	92	J	380	48
206-44-0	Fluoranthene	1900		380	50
84-74-2	Di-n-butyl phthalate	200	J	380	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	380	37
1912-24-9	Atrazine	58	U	380	58
120-12-7	Anthracene	370	J	380	46
86-74-8	Carbazole	90	J	380	44
85-01-8	Phenanthrene	1300		380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	1700		380	32
218-01-9	Chrysene	1100		380	44
207-08-9	Benzo[k]fluoranthene	440		38	2.9
191-24-2	Benzo[g,h,i]perylene	590		380	28
205-99-2	Benzo[b]fluoranthene	1100		38	2.4
50-32-8	Benzo[a]pyrene	930		38	2.7
56-55-3	Benzo[a]anthracene	1100		38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	34	U	380	34
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	720		38	7.0
53-70-3	Dibenz(a,h)anthracene	140		38	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U *	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	380	49

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V0-2N | Lab Sample ID: 460-42971-1

Matrix: Solid | Lab File ID: x28897.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:10

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 08:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	43		38-105
4165-62-2	Phenol-d5	58		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	52		10-120
367-12-4	2-Fluorophenol	41		37-125
321-60-8	2-Fluorobiphenyl	52		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28897.d
Report Date: 10-Aug-2012 01:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28897.d
Lab Smp Id: 460-42971-E-1-C Client Smp ID: 20120731SB-396V0-2N
Inj Date : 03-AUG-2012 08:03
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-1-C
Misc Info : 460-42971-E-1-C
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.10428	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.537	2.496	(0.677)	653545	41.0073	3100
$ 17 Phenol-d5 (SUR)	99	3.419	3.425	(0.912)	1024441	57.8025	4400
* 79 1,4-Dichlorobenzene-d4	152	3.749	3.754	(1.000)	464583	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.313	4.325	(0.856)	360291	21.2965	1600
* 80 Naphthalene-d8	136	5.037	5.048	(1.000)	1742390	40.0000	
31 Naphthalene	128	5.060	5.066	(1.005)	35998	0.78127	59(a)
34 2-Methylnaphthalene	142	5.760	5.766	(1.144)	18270	0.63380	48(a)
120 1-Methylnaphthalene	142	5.854	5.866	(1.162)	15887	0.53993	41(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.137	6.148	(0.903)	771760	26.0231	2000
125 1,3-Dimethylnaphthalene	156	6.460	6.472	(0.951)	18196	0.86353	65(a)
39 Acenaphthylene	152	6.648	6.660	(0.978)	15814	0.41642	32(a)
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	812975	40.0000	
42 Acenaphthene	154	6.819	6.831	(1.003)	20170	0.92302	70(a)

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28897.d
Report Date: 10-Aug-2012 01:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
43 Dibenzofuran	168	6.995	7.001	(1.029)	26543	0.83409	63(a)
47 Fluorene	166	7.331	7.337	(1.079)	30938	1.21944	92(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	202825	52.4758	4000
115 n-Octadecane	57	8.184	8.195	(0.992)	6279	0.52363	40(a)
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	954386	40.0000	
52 Phenanthrene	178	8.266	8.278	(1.002)	468199	17.0425	1300
53 Anthracene	178	8.319	8.325	(1.009)	136111	4.88234	370(a)
54 Carbazole	167	8.484	8.495	(1.029)	27782	1.18411	90(a)
55 Di-n-butylphthalate	149	8.854	8.860	(1.073)	78264	2.61383	200(a)
56 Fluoranthene	202	9.431	9.442	(1.143)	621298	24.9021	1900
57 Pyrene	202	9.648	9.660	(0.886)	528702	22.4275	1700
$ 78 Terphenyl-d14	244	9.825	9.830	(0.902)	760243	44.2884	3400
61 Benzo(a)anthracene	228	10.878	10.889	(0.999)	242355	14.2860	1100
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	549496	40.0000	
62 Chrysene	228	10.919	10.930	(1.003)	231185	14.6359	1100
65 Benzo(b)fluoranthene	252	12.166	12.177	(0.961)	215661	14.9435	1100
66 Benzo(k)fluoranthene	252	12.195	12.213	(0.947)	89808	5.85947	440(MH)
67 Benzo(a)pyrene	252	12.572	12.583	(0.993)	138008	12.3154	930
* 84 Perylene-d12	264	12.654	12.660	(1.000)	468862	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.018	14.030	(1.108)	79414	9.43056	720
69 Dibenz(a,h)anthracene	278	14.048	14.066	(1.110)	15531	1.80141	140
70 Benzo(g,h,i)perylene	276	14.354	14.371	(1.134)	70382	7.82153	590

QC Flag Legend

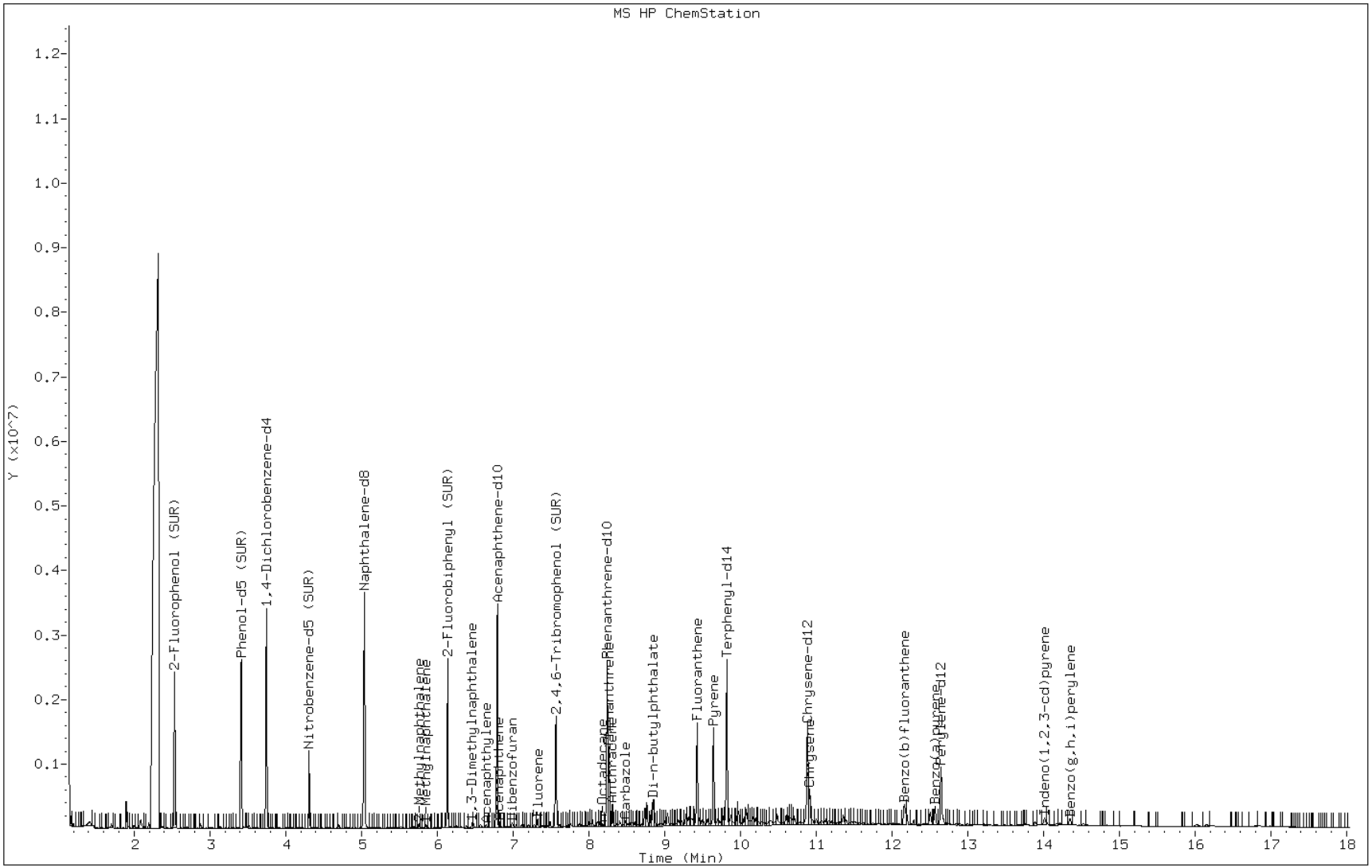
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4



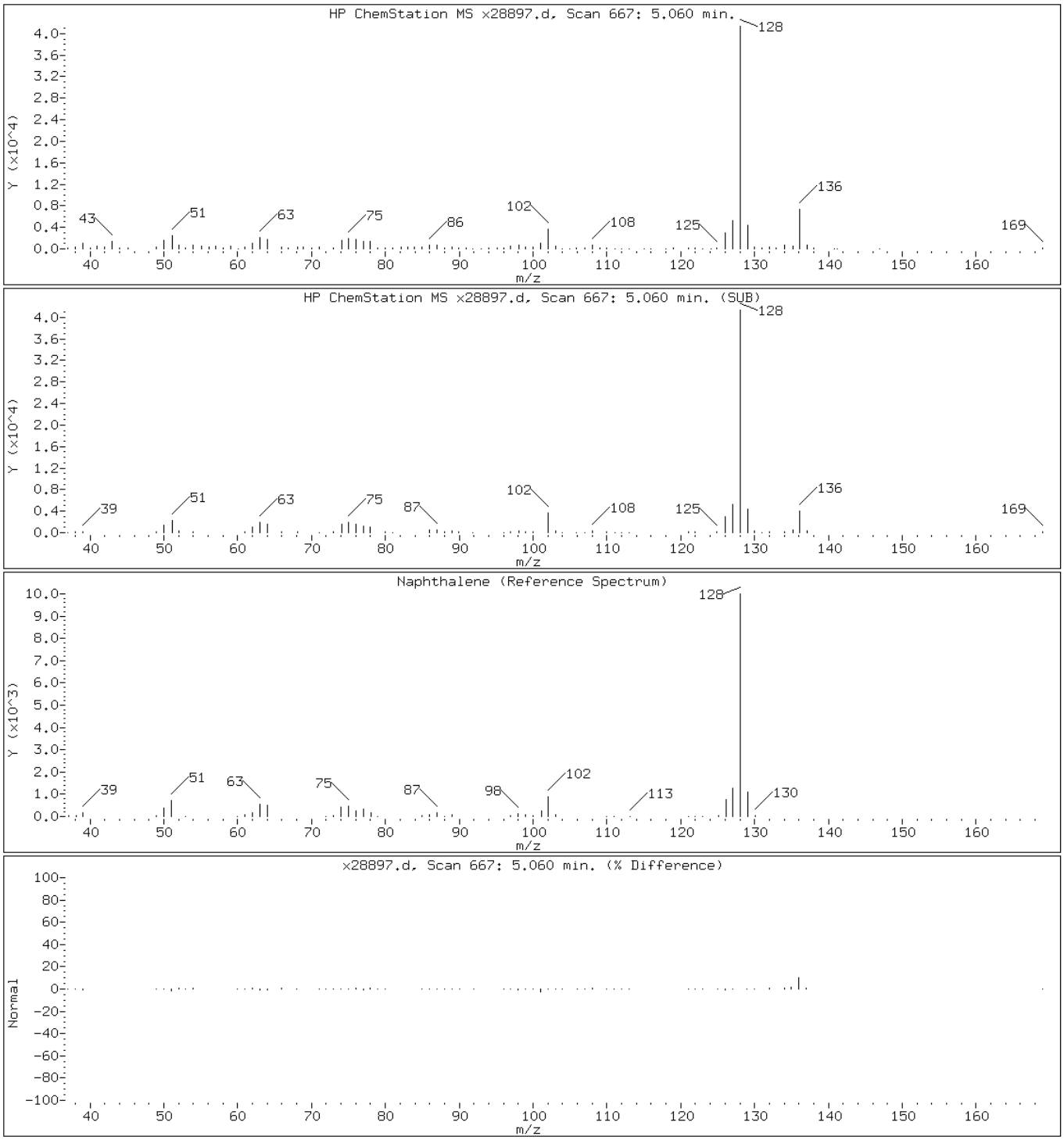
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

31 Naphthalene



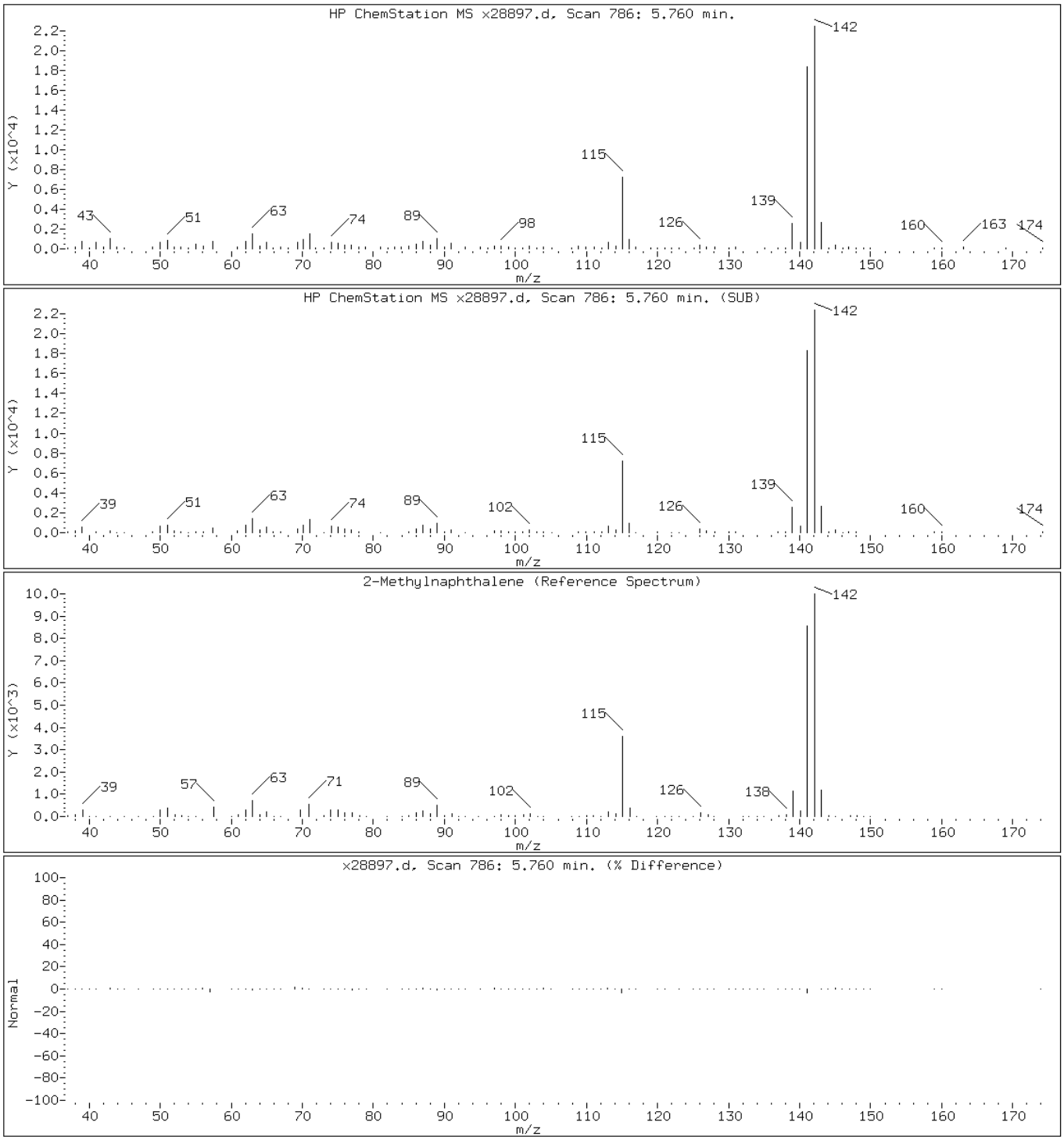
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

34 2-Methylnaphthalene



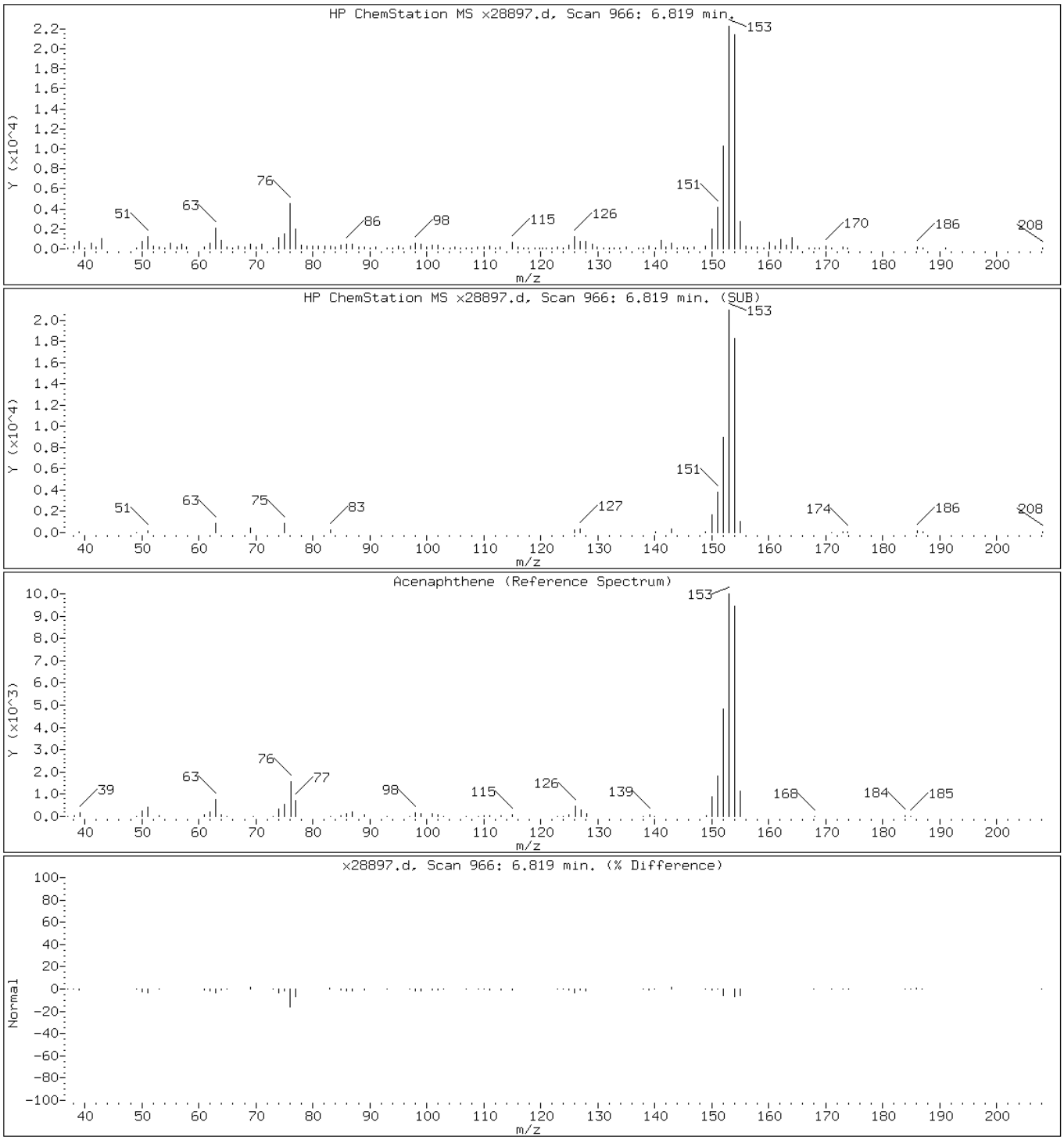
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

42 Acenaphthene



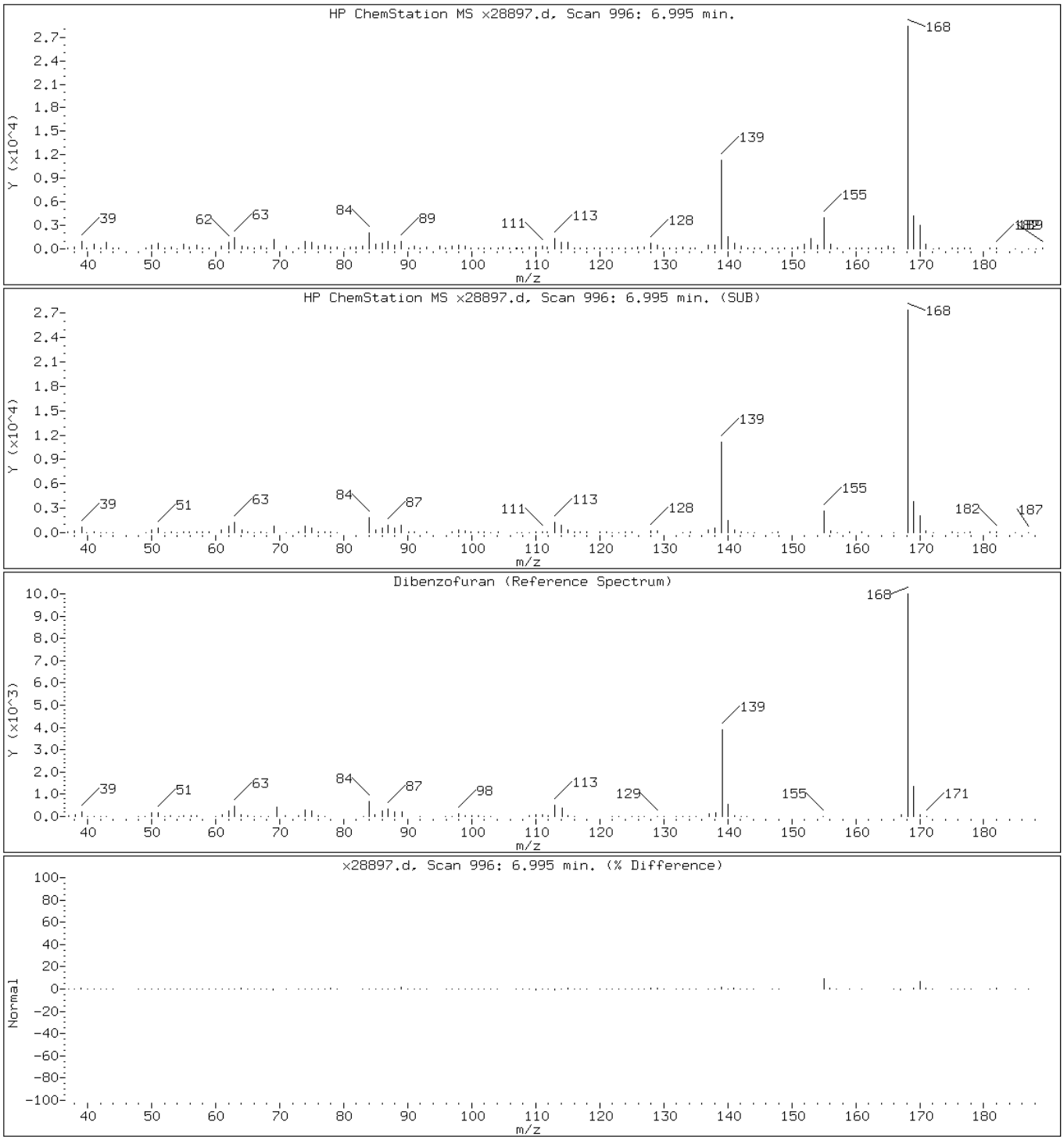
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

43 Dibenzofuran



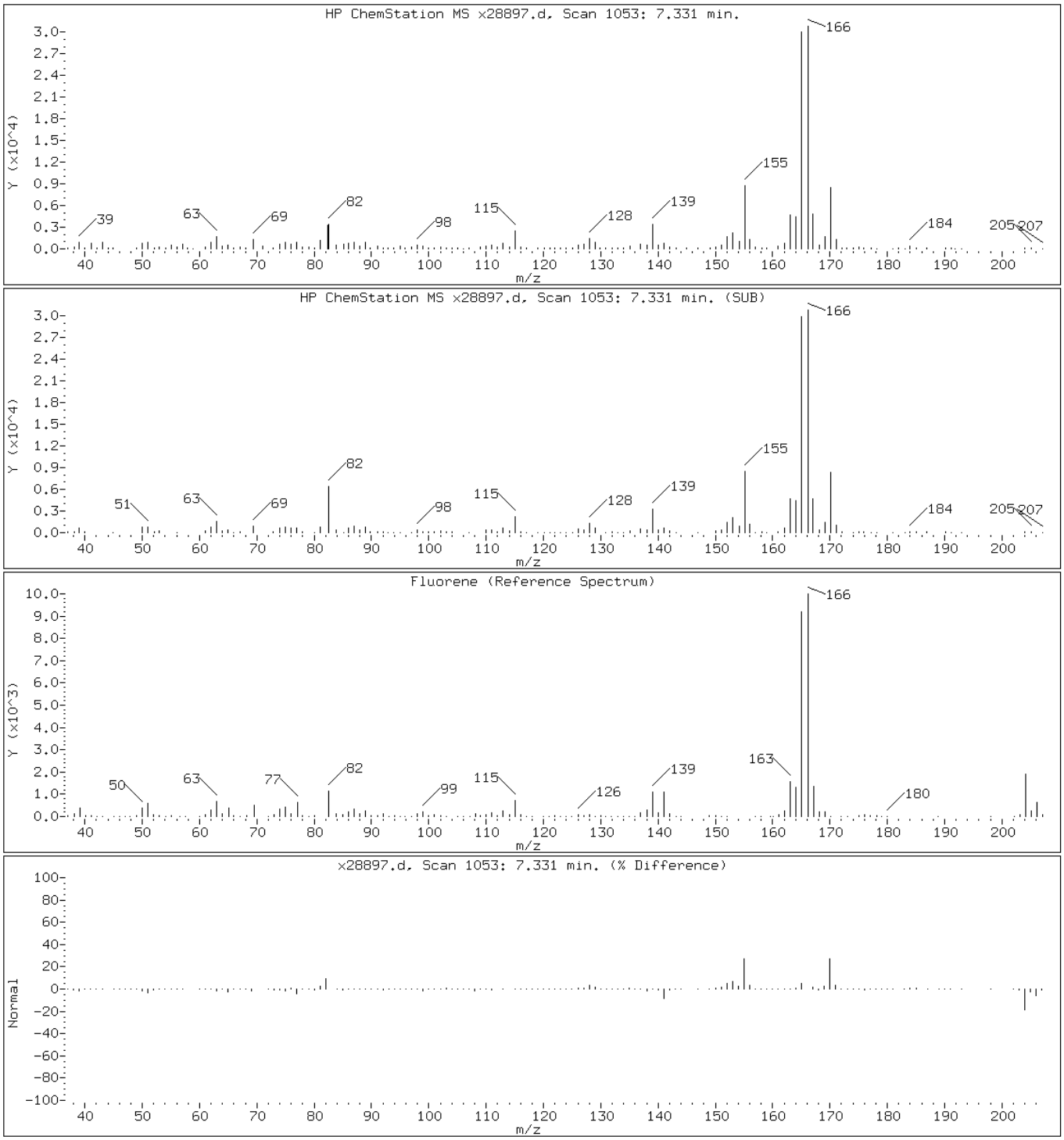
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

47 Fluorene



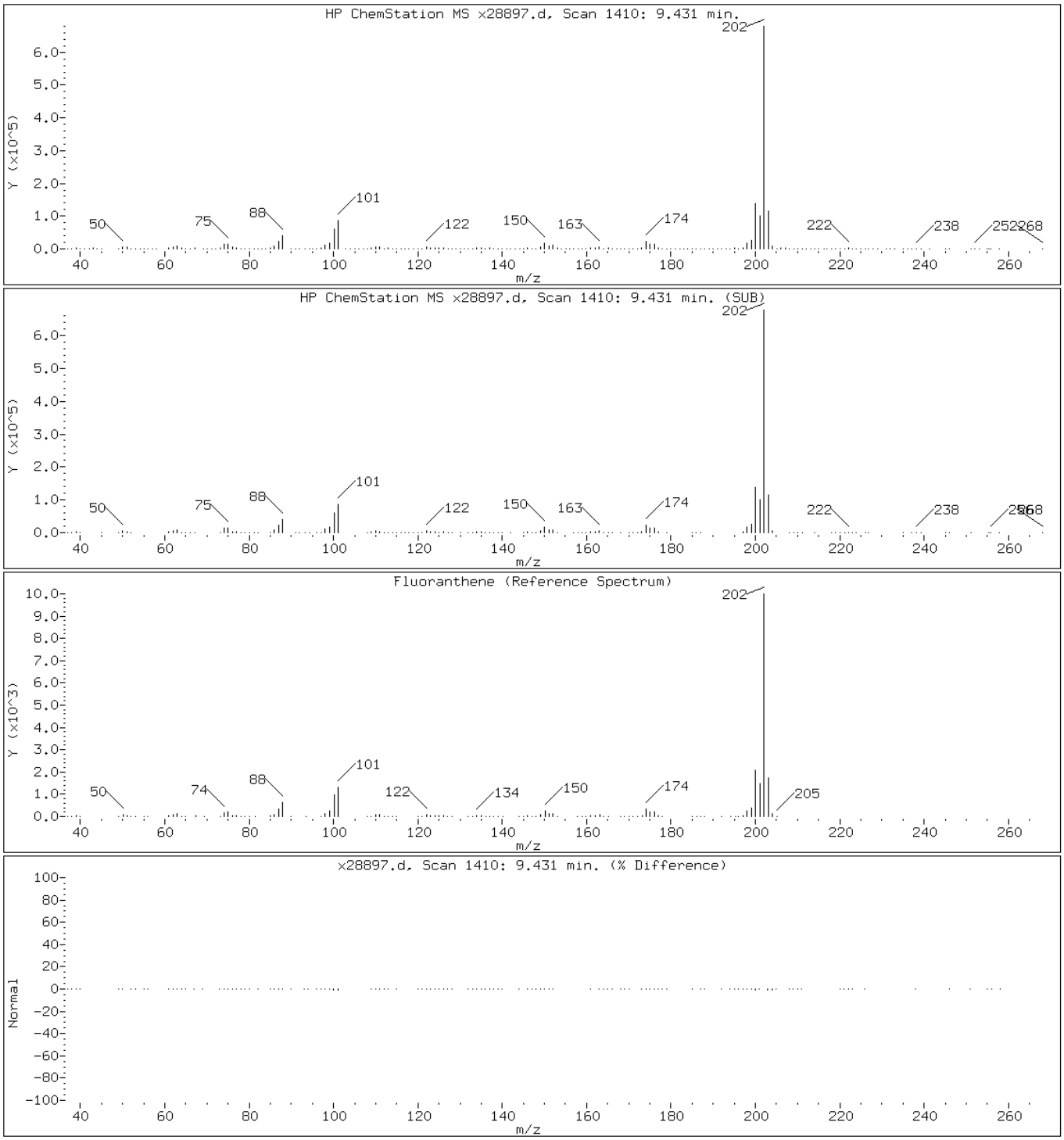
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

56 Fluoranthene



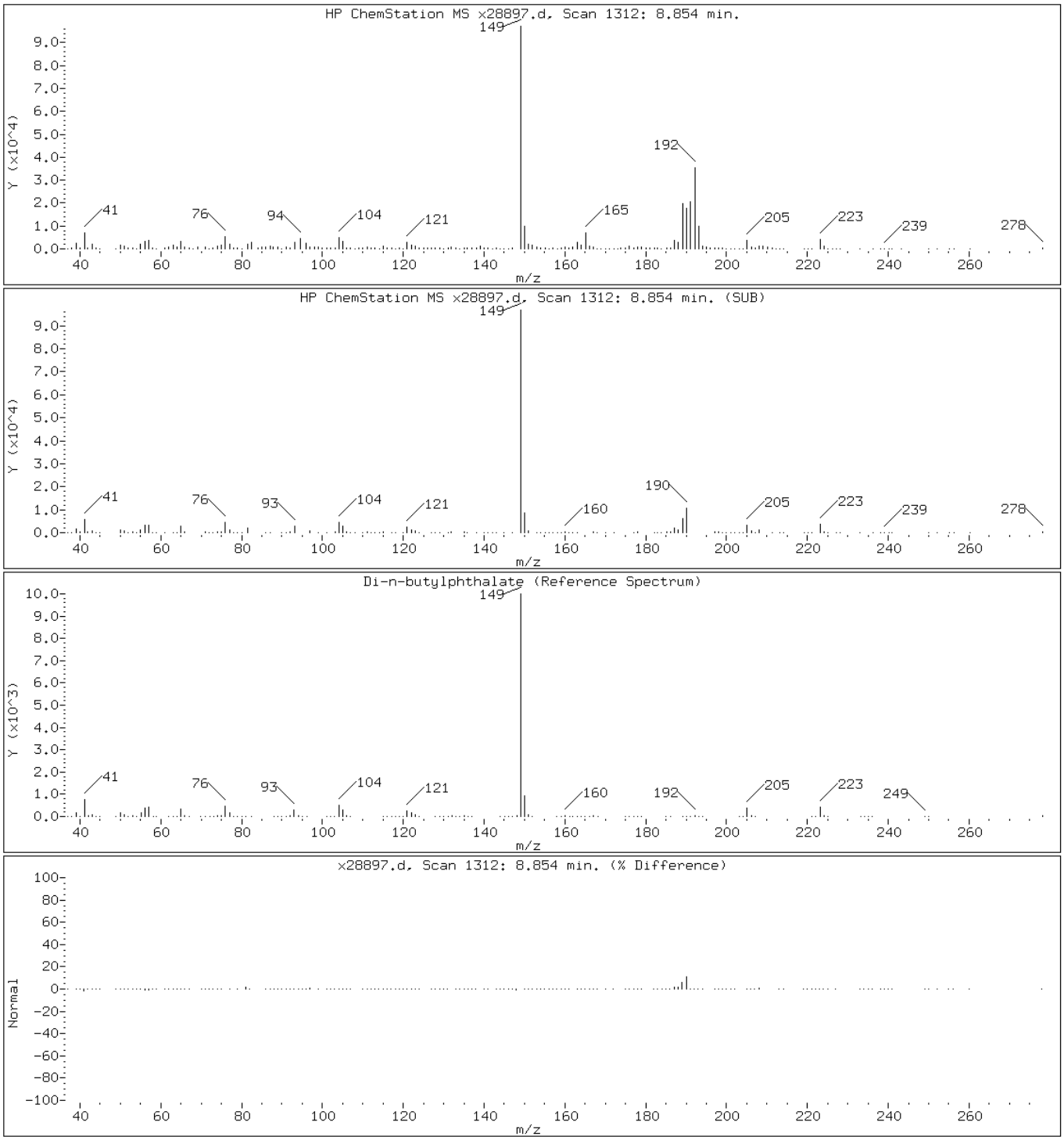
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

55 Di-n-butylphthalate



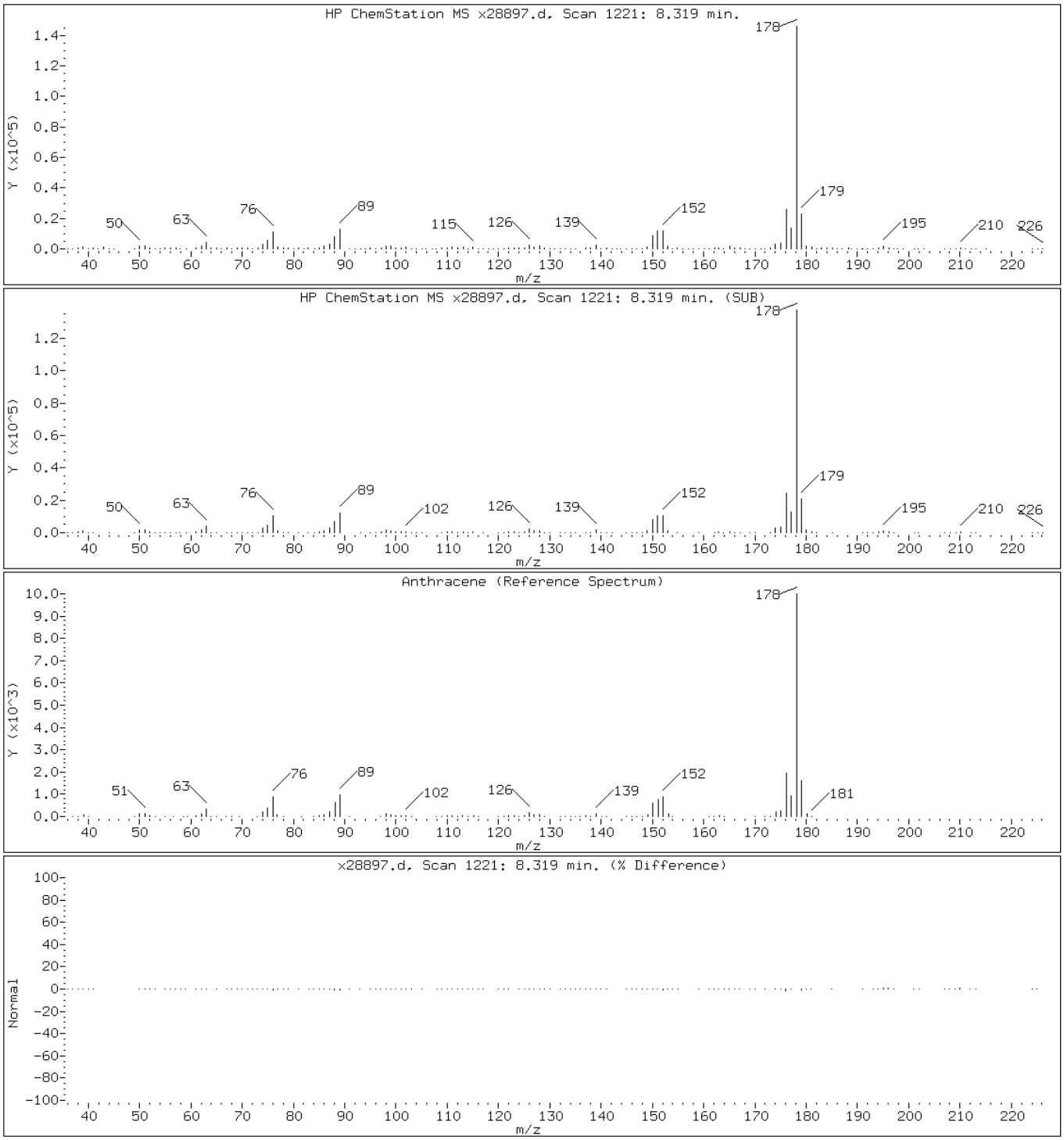
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

53 Anthracene



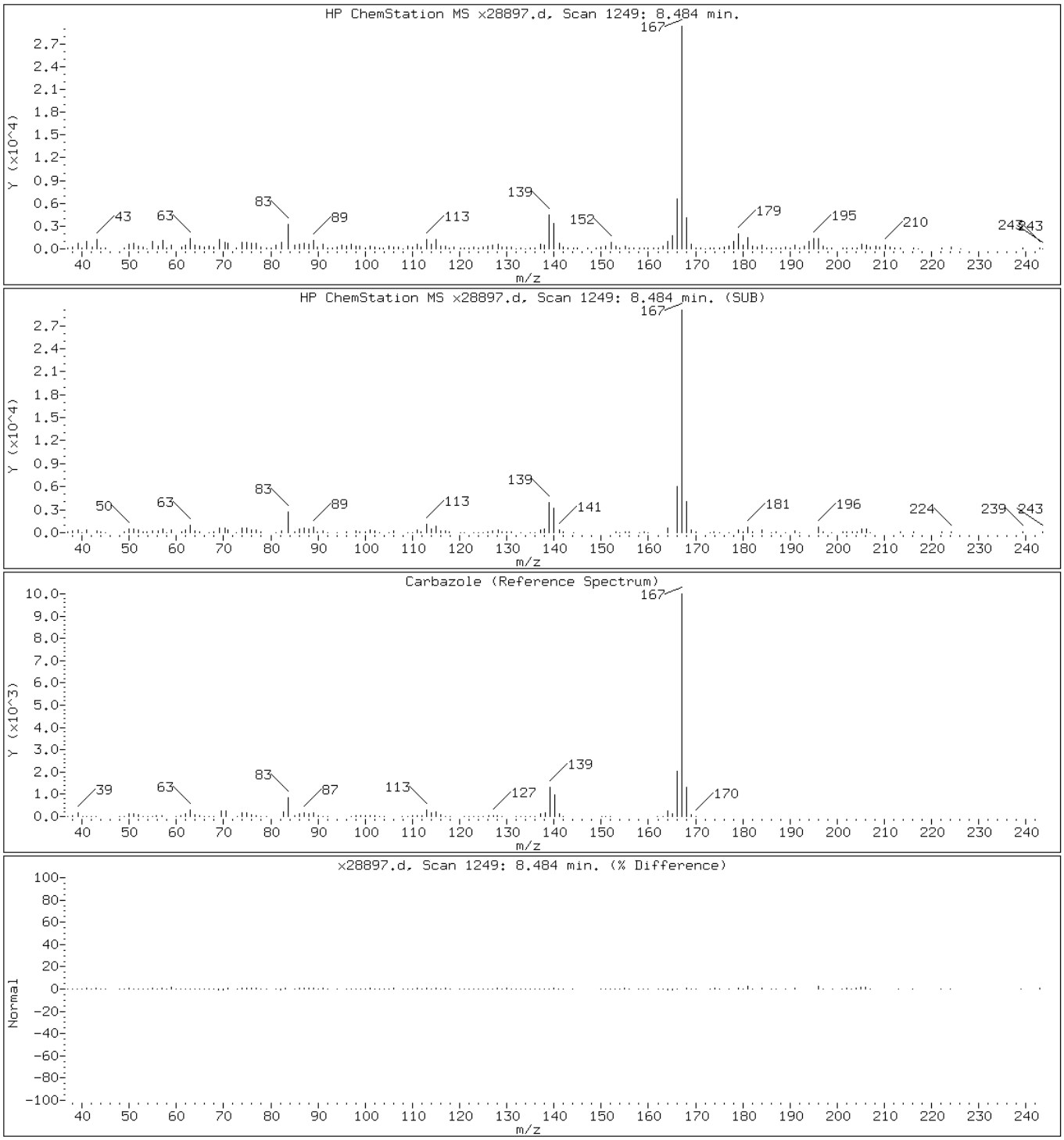
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

54 Carbazole



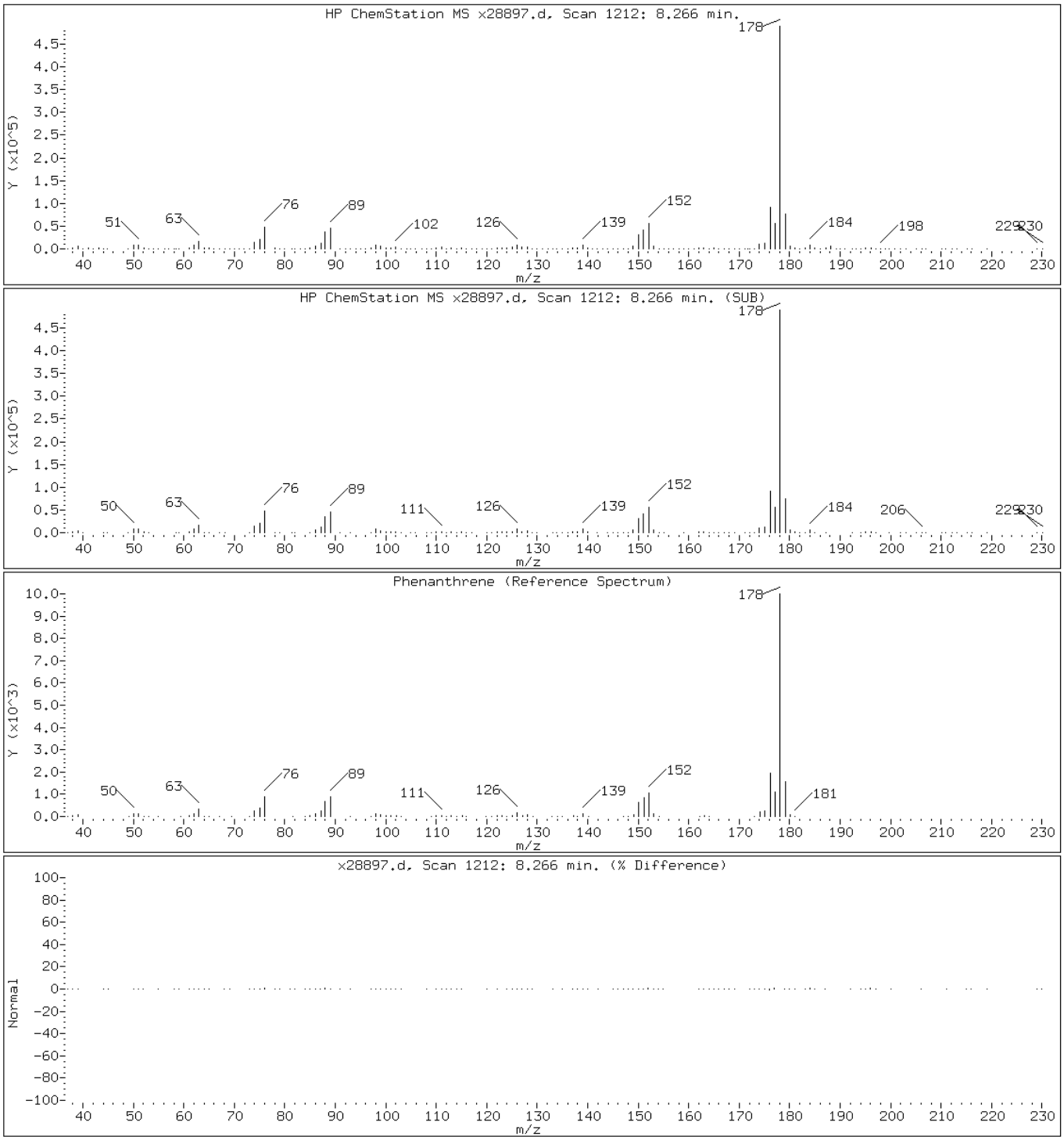
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

52 Phenanthrene



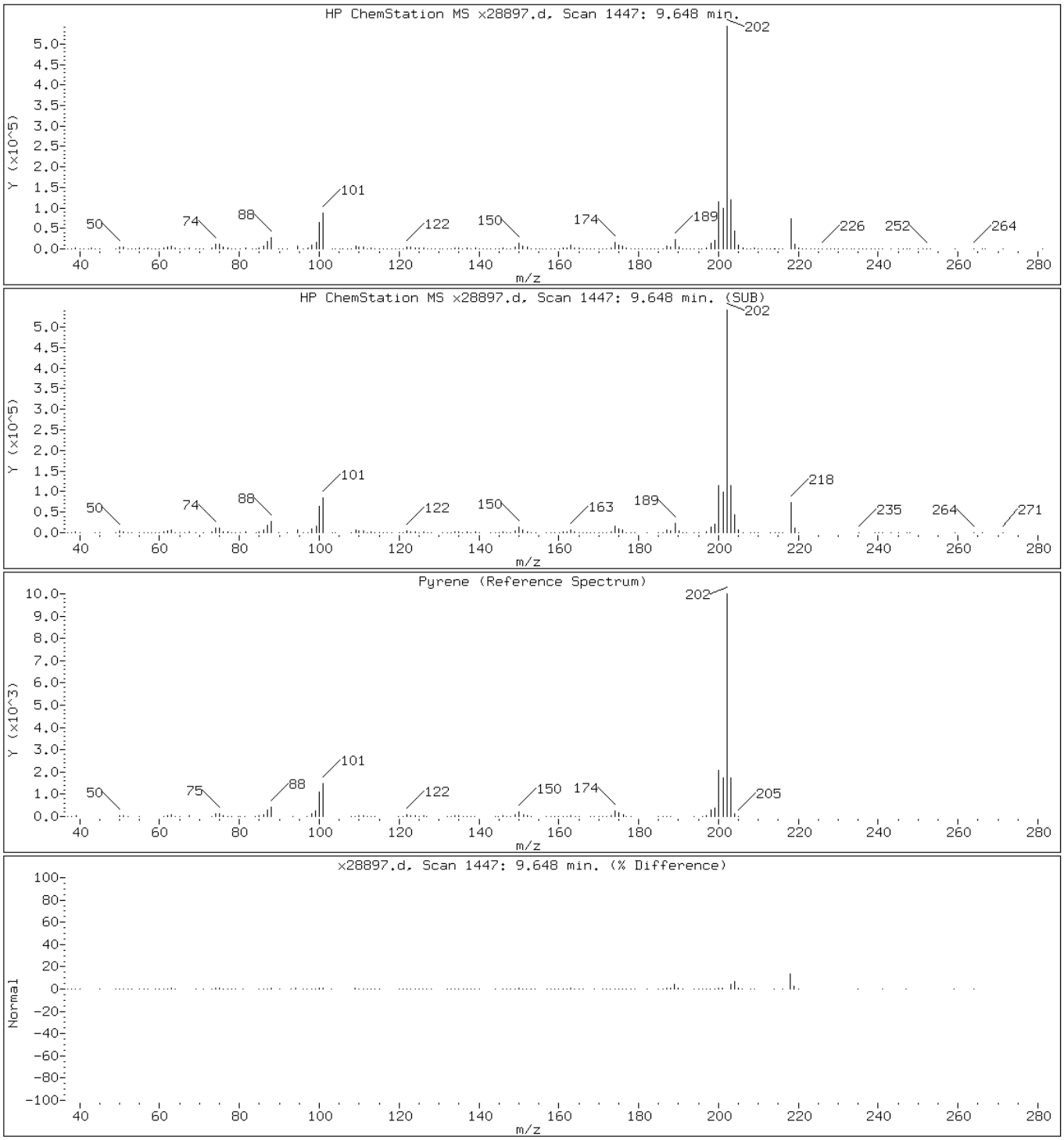
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

57 Pyrene



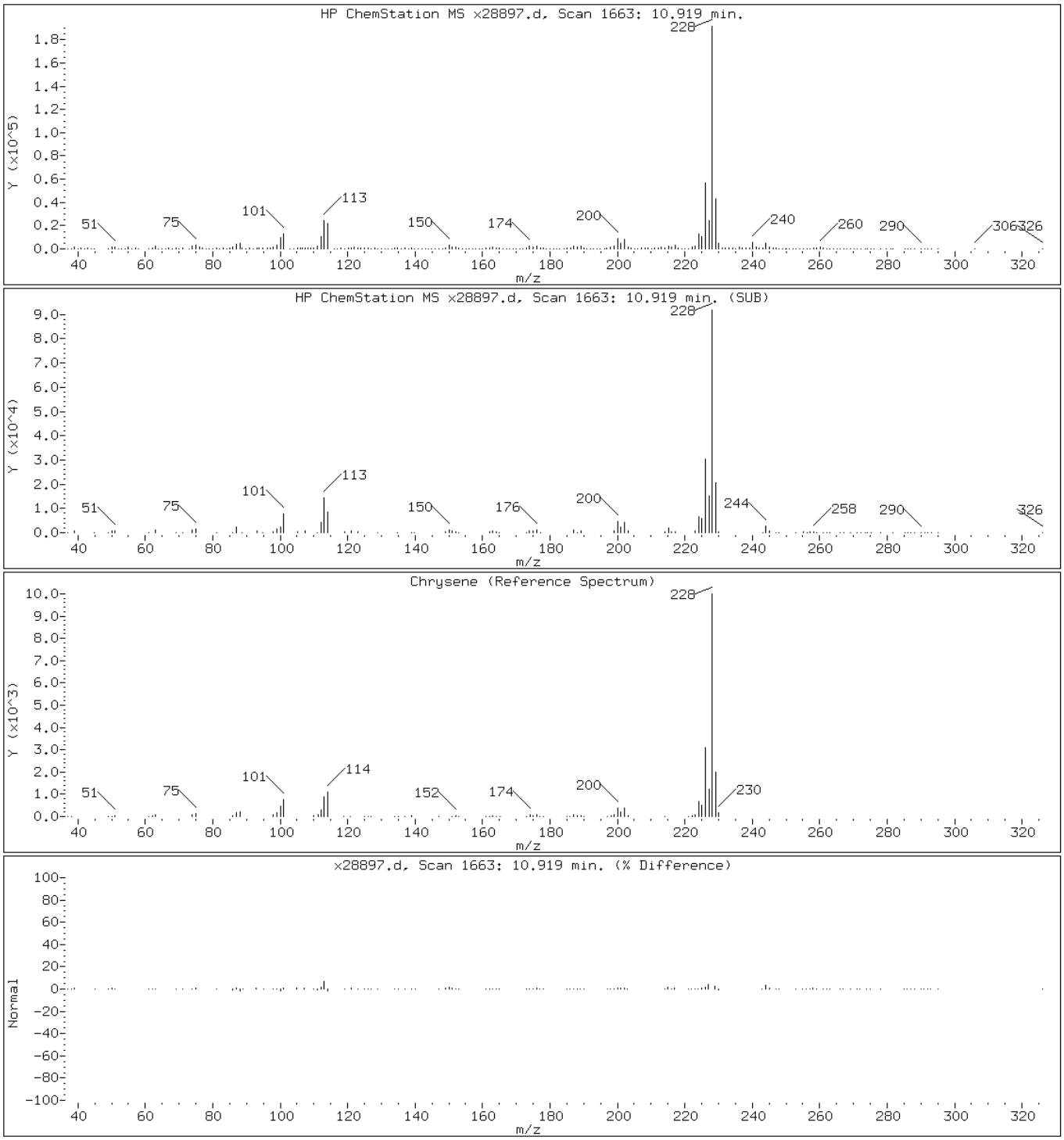
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

62 Chrysene



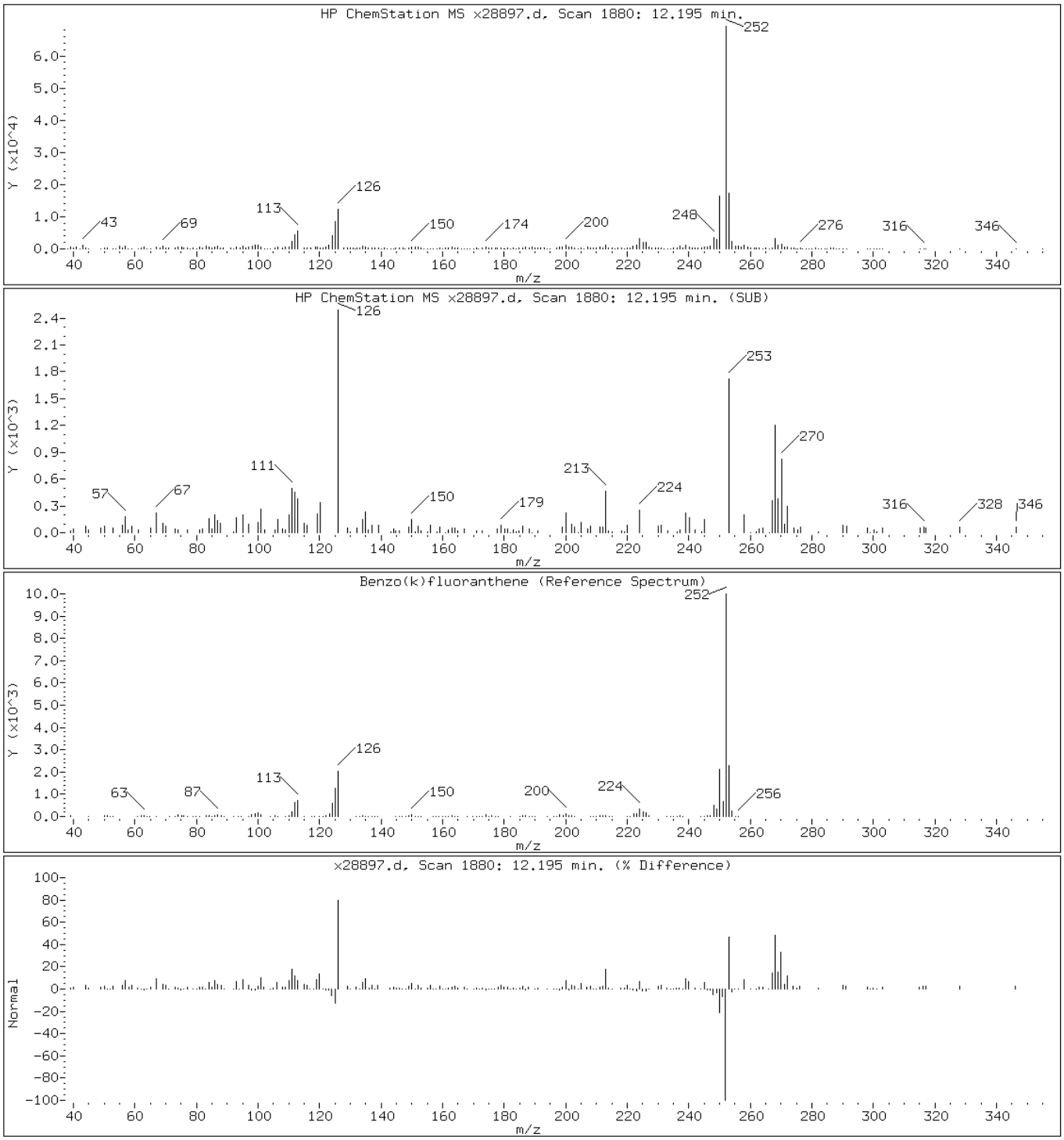
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

66 Benzo(k)fluoranthene



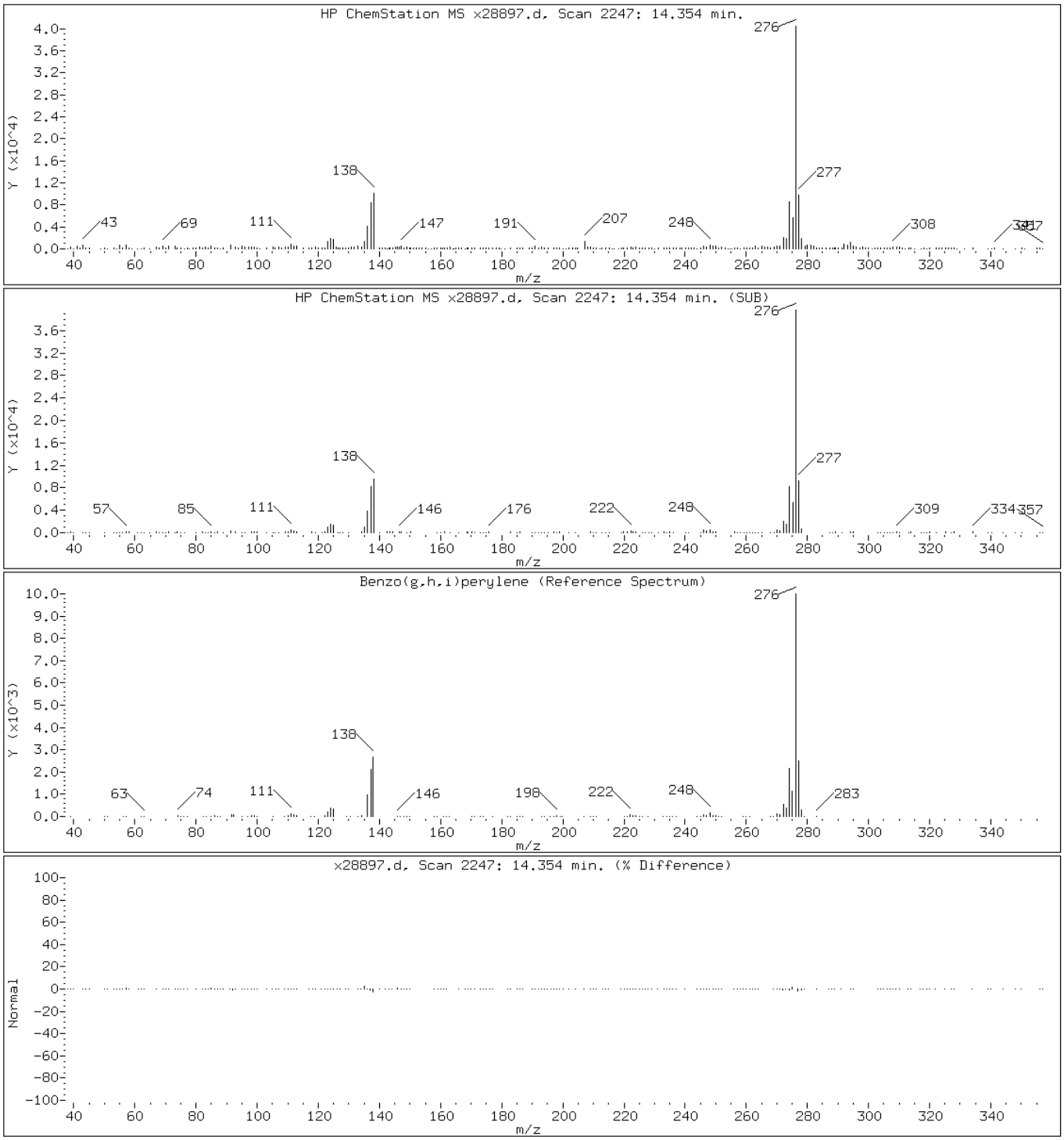
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

70 Benzo(g,h,i)perylene



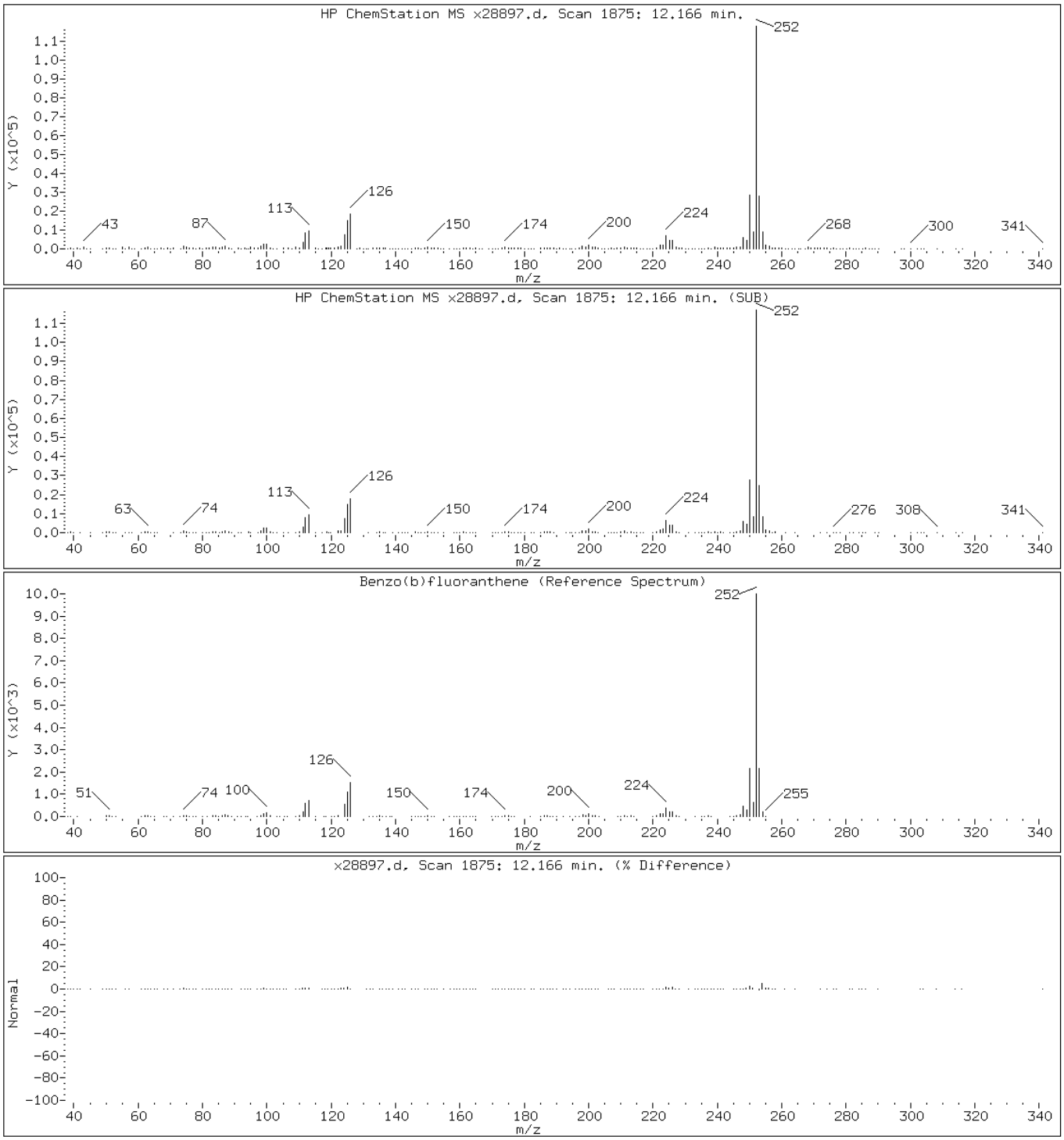
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



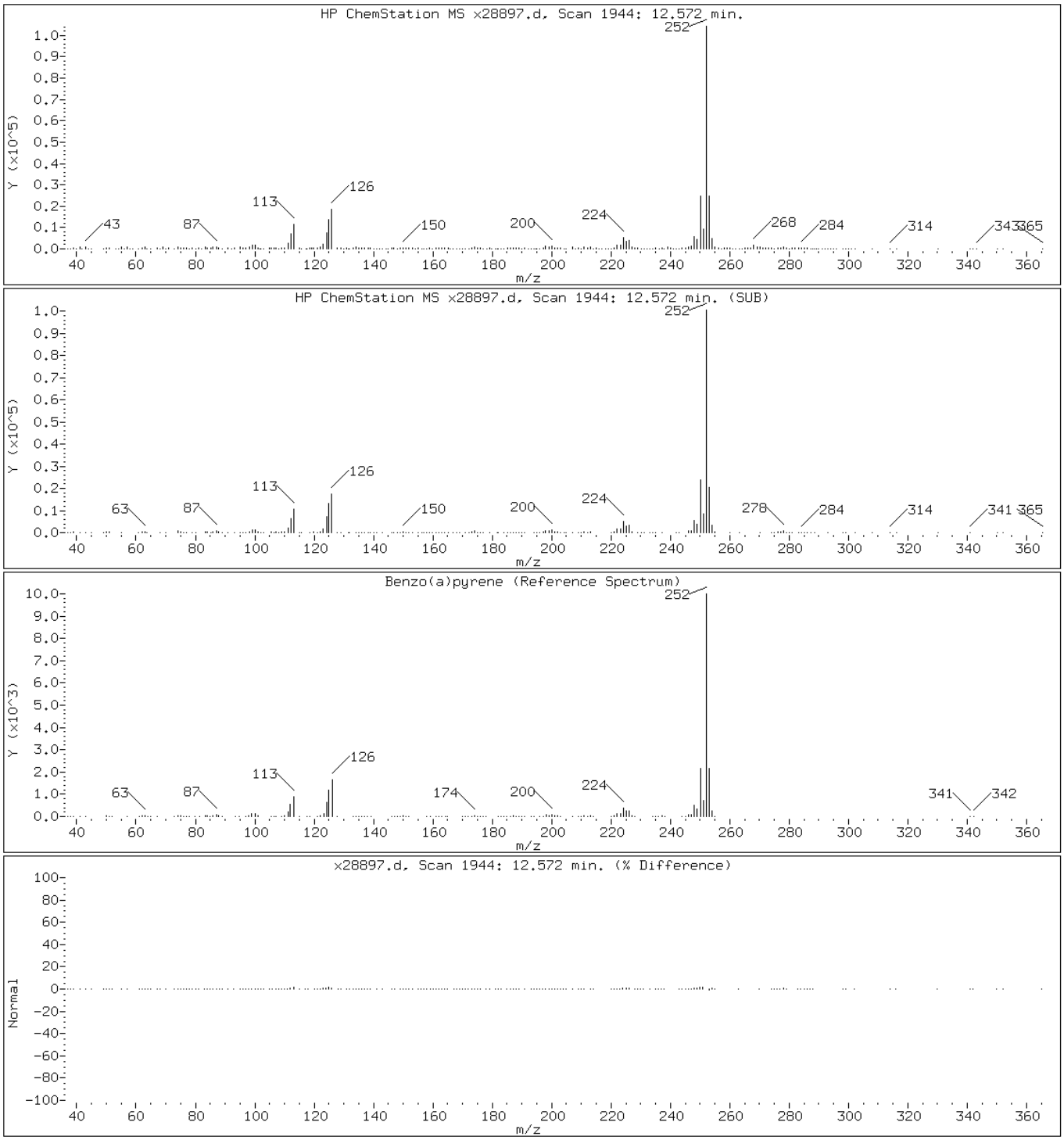
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

67 Benzo(a)pyrene



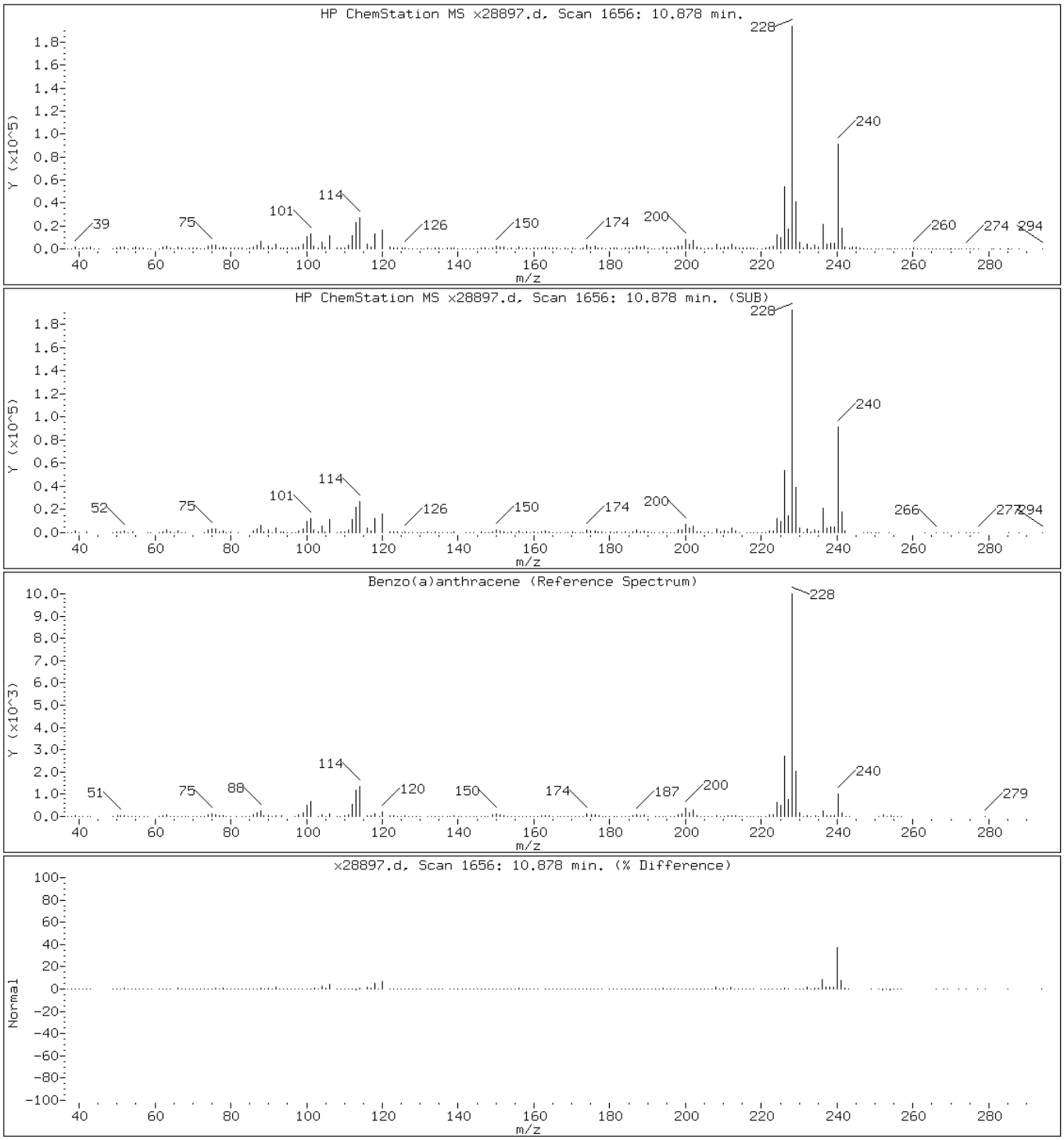
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

61 Benzo(a)anthracene



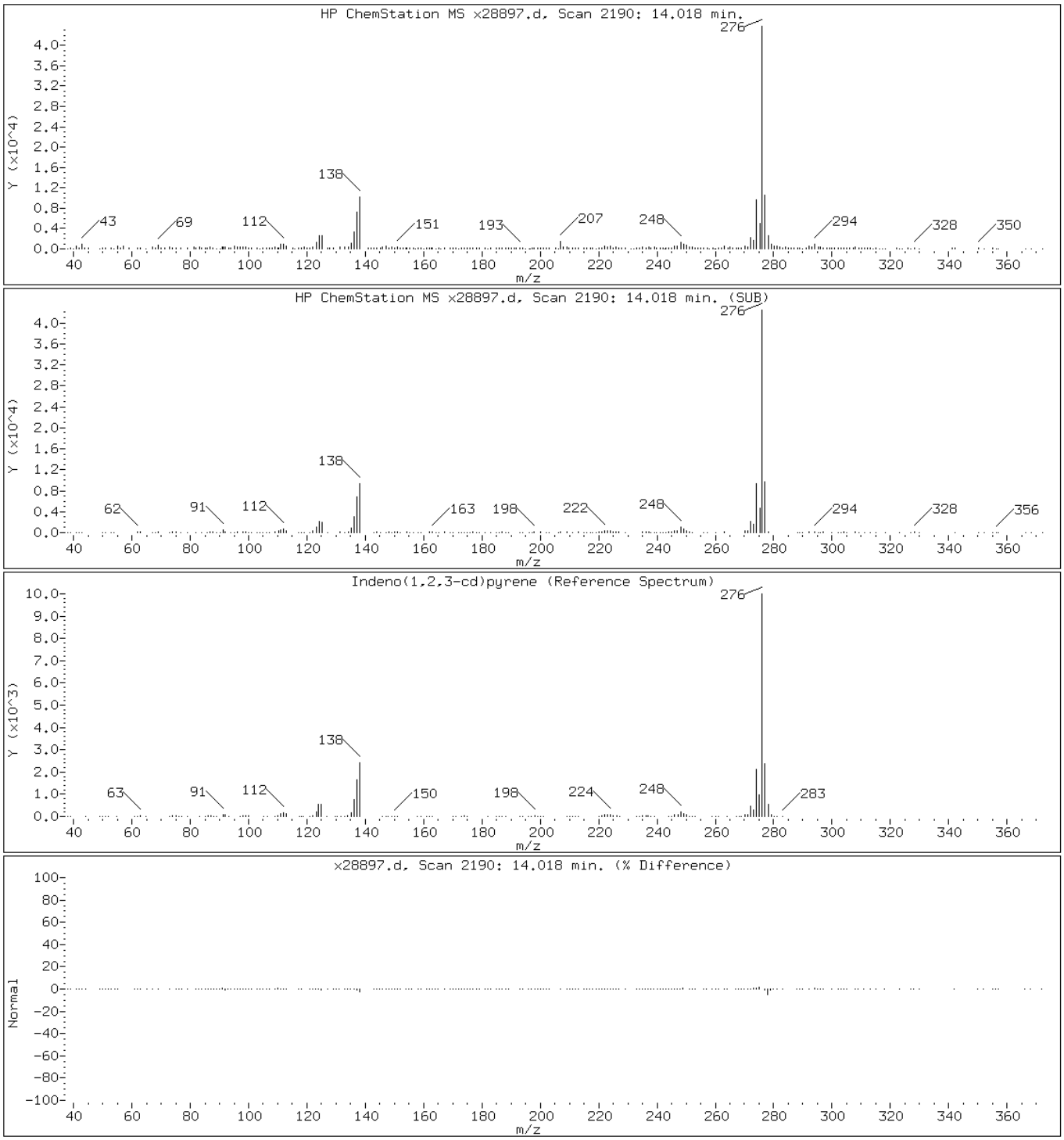
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



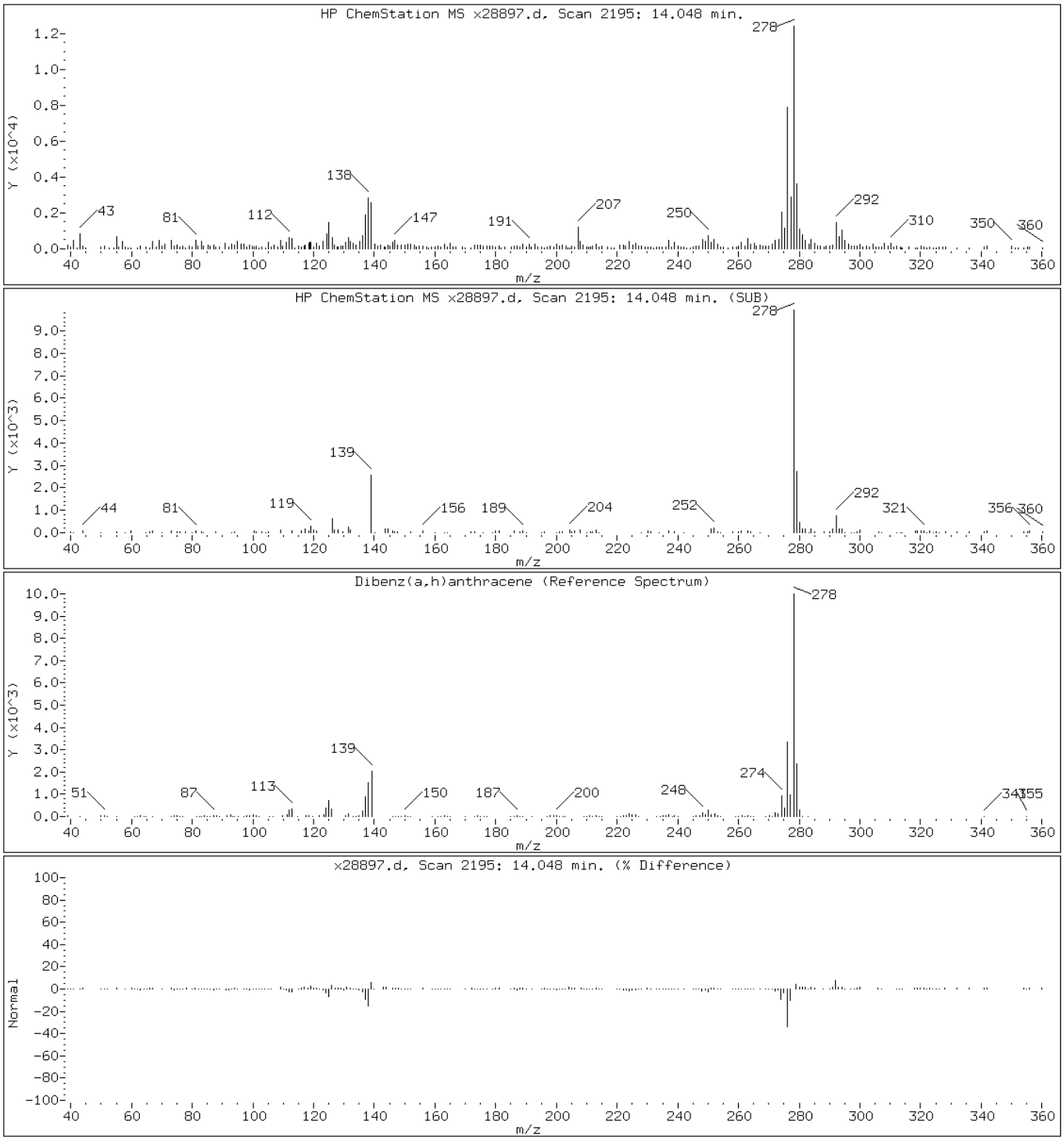
Data File: x28897.d

Date: 03-AUG-2012 08:03

Client ID: 20120731SB-396V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-1-C Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Manual Integration Report

Data File: x28897.d
Inj. Date and Time: 03-AUG-2012 08:03
Instrument ID: BNAMS5.i
Client ID: 20120731SB-396V0-2N
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 08/10/2012

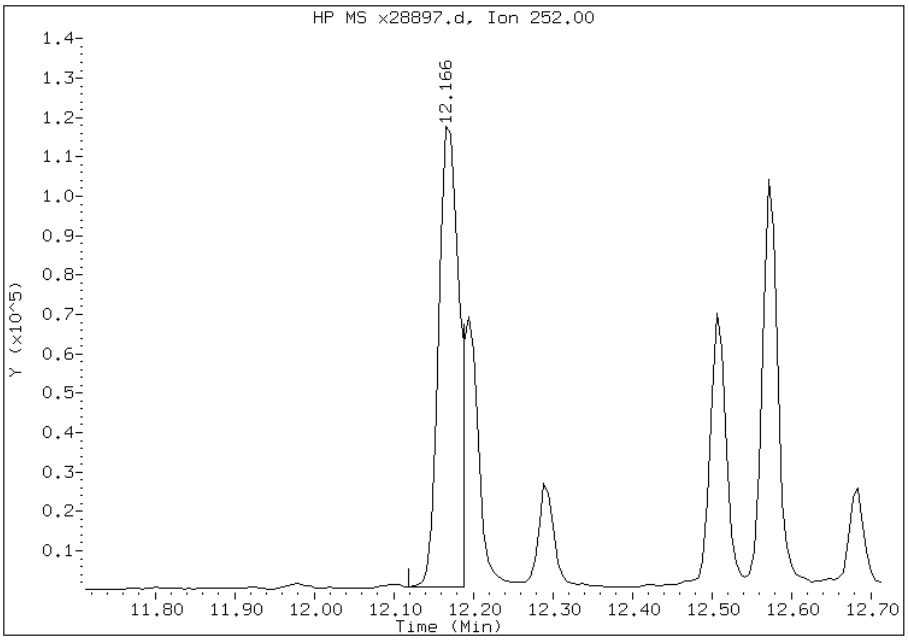
Processing Integration Results

RT: 12.17

Response: 215661

Amount: 14

Conc: 1067



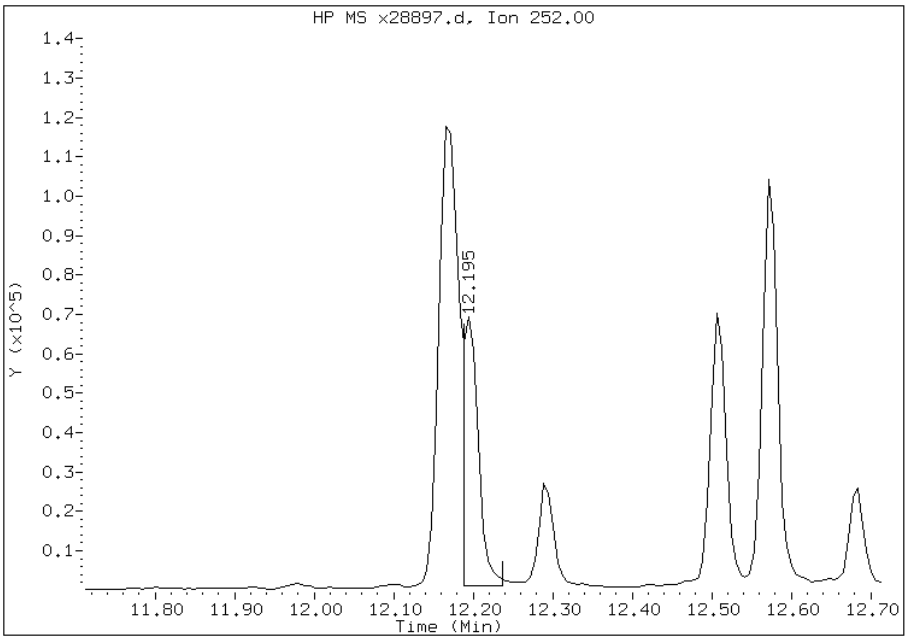
Manual Integration Results

RT: 12.20

Response: 89808

Amount: 6

Conc: 444



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V6-7N | Lab Sample ID: 460-42971-2

Matrix: Solid | Lab File ID: x28888.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.04(g) | Date Analyzed: 08/03/2012 04:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 31.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	64	U	480	64
95-57-8	2-Chlorophenol	63	U	480	63
95-48-7	2-Methylphenol	82	U	480	82
106-44-5	4-Methylphenol	94	U	480	94
100-52-7	Benzaldehyde	56	U	480	56
98-86-2	Acetophenone	74	U	480	74
111-44-4	Bis(2-chloroethyl)ether	6.5	U	48	6.5
108-60-1	2,2'-oxybis[1-chloropropane]	53	U	480	53
621-64-7	N-Nitrosodi-n-propylamine	8.0	U	48	8.0
98-95-3	Nitrobenzene	6.8	U	48	6.8
67-72-1	Hexachloroethane	5.3	U	48	5.3
78-59-1	Isophorone	58	U	480	58
88-75-5	2-Nitrophenol	53	U	480	53
105-67-9	2,4-Dimethylphenol	120	U	480	120
120-83-2	2,4-Dichlorophenol	70	U	480	70
111-91-1	Bis(2-chloroethoxy)methane	62	U	480	62
91-20-3	Naphthalene	55	U	480	55
106-47-8	4-Chloroaniline	130	U	480	130
87-68-3	Hexachlorobutadiene	12	U	97	12
105-60-2	Caprolactam	110	U	480	110
59-50-7	4-Chloro-3-methylphenol	72	U	480	72
91-57-6	2-Methylnaphthalene	62	U	480	62
118-74-1	Hexachlorobenzene	6.5	U	48	6.5
77-47-4	Hexachlorocyclopentadiene	56	U	480	56
88-06-2	2,4,6-Trichlorophenol	56	U	480	56
95-95-4	2,4,5-Trichlorophenol	62	U	480	62
92-52-4	Diphenyl	64	U	480	64
91-58-7	2-Chloronaphthalene	53	U	480	53
88-74-4	2-Nitroaniline	200	U	970	200
606-20-2	2,6-Dinitrotoluene	14	U	97	14
131-11-3	Dimethyl phthalate	57	U	480	57
208-96-8	Acenaphthylene	57	U	480	57
99-09-2	3-Nitroaniline	170	U	970	170
83-32-9	Acenaphthene	70	U	480	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V6-7N | Lab Sample ID: 460-42971-2

Matrix: Solid | Lab File ID: x28888.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.04(g) | Date Analyzed: 08/03/2012 04:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 31.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	310	U	1400	310
51-28-5	2,4-Dinitrophenol	270	U	1400	270
132-64-9	Dibenzofuran	56	U	480	56
84-66-2	Diethyl phthalate	57	U	480	57
86-73-7	Fluorene	61	U	480	61
206-44-0	Fluoranthene	120	J	480	64
84-74-2	Di-n-butyl phthalate	59	U	480	59
121-14-2	2,4-Dinitrotoluene	16	U	97	16
7005-72-3	4-Chlorophenyl phenyl ether	56	U	480	56
100-01-6	4-Nitroaniline	150	U	970	150
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1400	130
101-55-3	4-Bromophenyl phenyl ether	48	U	480	48
1912-24-9	Atrazine	74	U	480	74
120-12-7	Anthracene	58	U	480	58
86-74-8	Carbazole	57	U	480	57
85-01-8	Phenanthrene	77	J	480	61
87-86-5	Pentachlorophenol	140	U	1400	140
129-00-0	Pyrene	100	J	480	40
218-01-9	Chrysene	67	J	480	56
207-08-9	Benzo[k]fluoranthene	37	J	48	3.6
191-24-2	Benzo[g,h,i]perylene	35	U	480	35
205-99-2	Benzo[b]fluoranthene	63		48	3.0
50-32-8	Benzo[a]pyrene	57		48	3.4
56-55-3	Benzo[a]anthracene	67		48	3.3
86-30-6	N-Nitrosodiphenylamine	47	U	480	47
85-68-7	Butyl benzyl phthalate	44	U	480	44
117-81-7	Bis(2-ethylhexyl) phthalate	160	U	480	160
117-84-0	Di-n-octyl phthalate	31	U	480	31
193-39-5	Indeno[1,2,3-cd]pyrene	29	J	48	8.9
53-70-3	Dibenz(a,h)anthracene	6.0	U	48	6.0
91-94-1	3,3'-Dichlorobenzidine	170	U	970	170
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U *	480	64
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	480	62

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V6-7N | Lab Sample ID: 460-42971-2

Matrix: Solid | Lab File ID: x28888.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.04(g) | Date Analyzed: 08/03/2012 04:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 31.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	39		38-105
4165-62-2	Phenol-d5	52		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	40		37-125
321-60-8	2-Fluorobiphenyl	41		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28888.d
Report Date: 10-Aug-2012 01:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28888.d
Lab Smp Id: 460-42971-E-2-C Client Smp ID: 20120731SB-396V6-7N
Inj Date : 03-AUG-2012 04:23
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-2-C
Misc Info : 460-42971-E-2-C
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	31.16371	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.525	2.496	(0.674)	624639	40.1951	3900
$ 17 Phenol-d5 (SUR)	99	3.413	3.425	(0.911)	893238	51.6875	5000
* 79 1,4-Dichlorobenzene-d4	152	3.749	3.754	(1.000)	453007	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.313	4.325	(0.856)	326803	19.4632	1900
* 80 Naphthalene-d8	136	5.037	5.048	(1.000)	1729309	40.0000	
31 Naphthalene	128	5.060	5.066	(1.005)	7357	0.16088	16(a)
120 1-Methylnaphthalene	142	5.854	5.866	(1.162)	962	0.03294	3.2(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.137	6.148	(0.903)	651240	20.5060	2000
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	870593	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	295723	71.4471	6900
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	1148594	40.0000	
52 Phenanthrene	178	8.266	8.278	(1.002)	26196	0.79231	76(a)
53 Anthracene	178	8.313	8.325	(1.008)	5320	0.15856	15(a)

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28888.d
Report Date: 10-Aug-2012 01:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
56 Fluoranthene	202	9.425	9.442	(1.143)	38138	1.27014	120(a)
57 Pyrene	202	9.642	9.660	(0.885)	30927	1.08602	100(a)
$ 78 Terphenyl-d14	244	9.825	9.830	(0.902)	919040	44.3202	4300
61 Benzo(a)anthracene	228	10.877	10.889	(0.999)	14111	0.68857	66(H)
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	663797	40.0000	
62 Chrysene	228	10.913	10.930	(1.002)	13184	0.69093	67(a)
65 Benzo(b)fluoranthene	252	12.166	12.177	(0.961)	9826	0.65225	63
66 Benzo(k)fluoranthene	252	12.195	12.213	(0.964)	6125	0.38283	37(aH)
67 Benzo(a)pyrene	252	12.572	12.583	(0.993)	6853	0.58584	56
* 84 Perylene-d12	264	12.654	12.660	(1.000)	489427	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.013	14.030	(1.107)	2622	0.30225	29(a)
70 Benzo(g,h,i)perylene	276	14.354	14.371	(1.134)	3024	0.32194	31(a)

QC Flag Legend

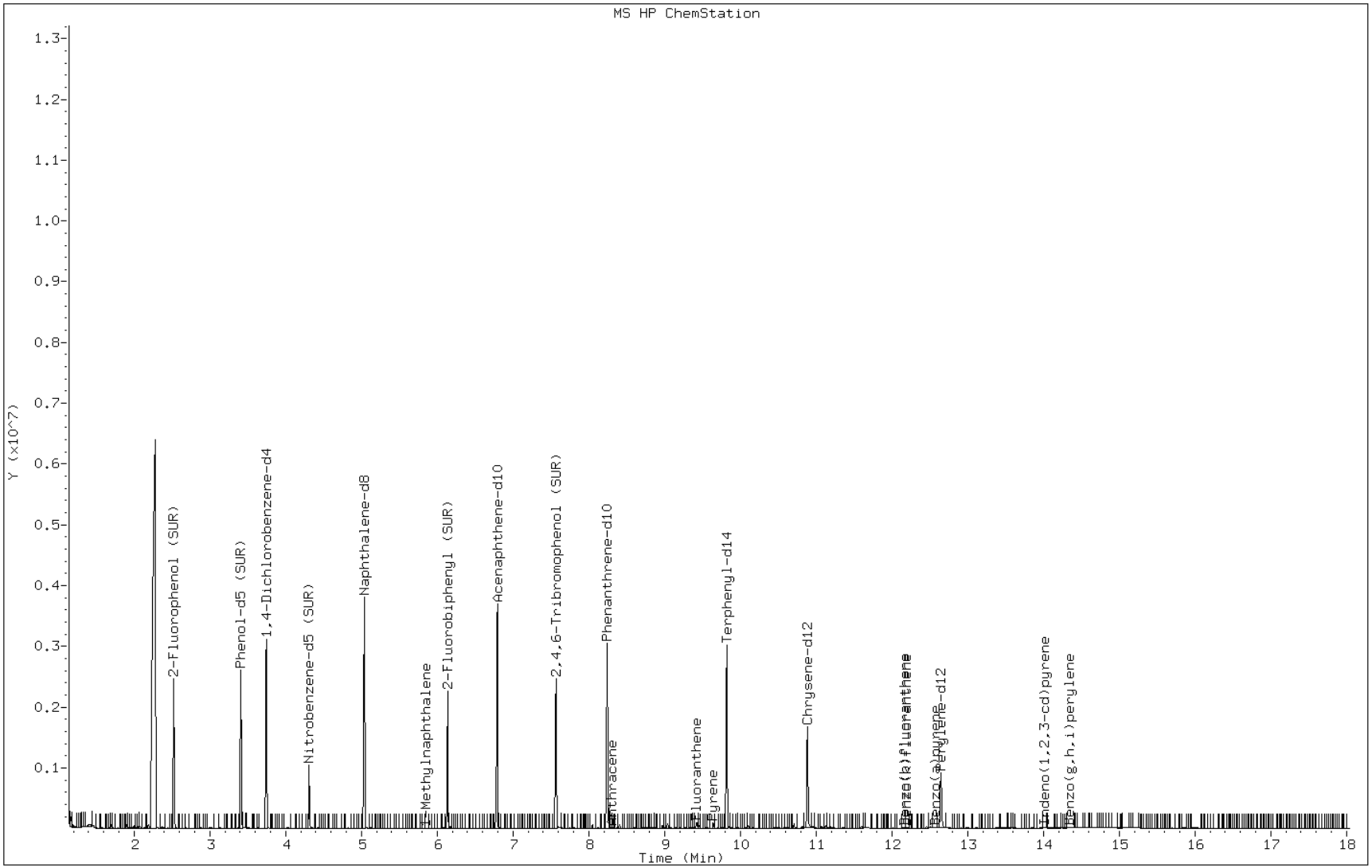
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4



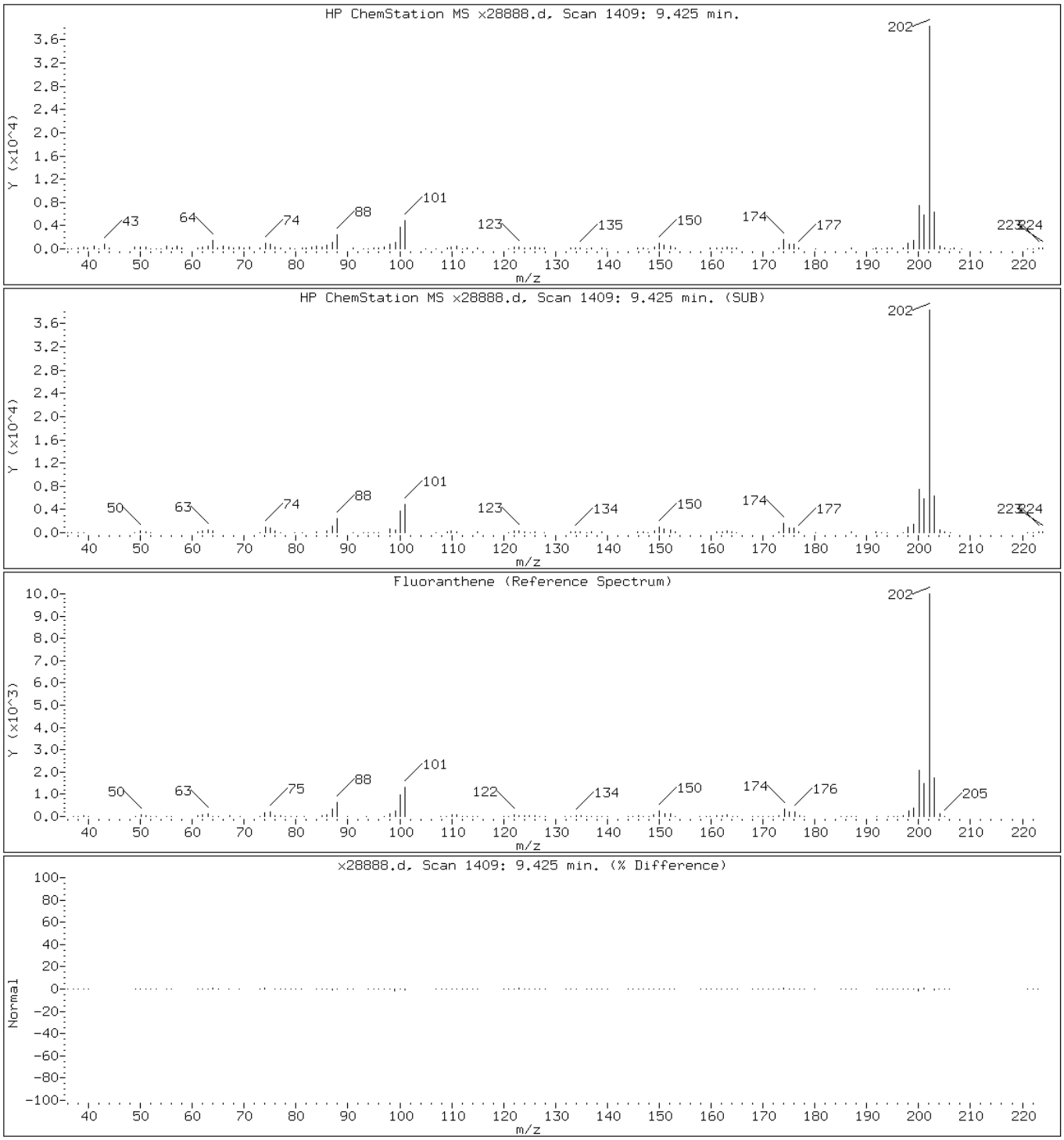
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

56 Fluoranthene



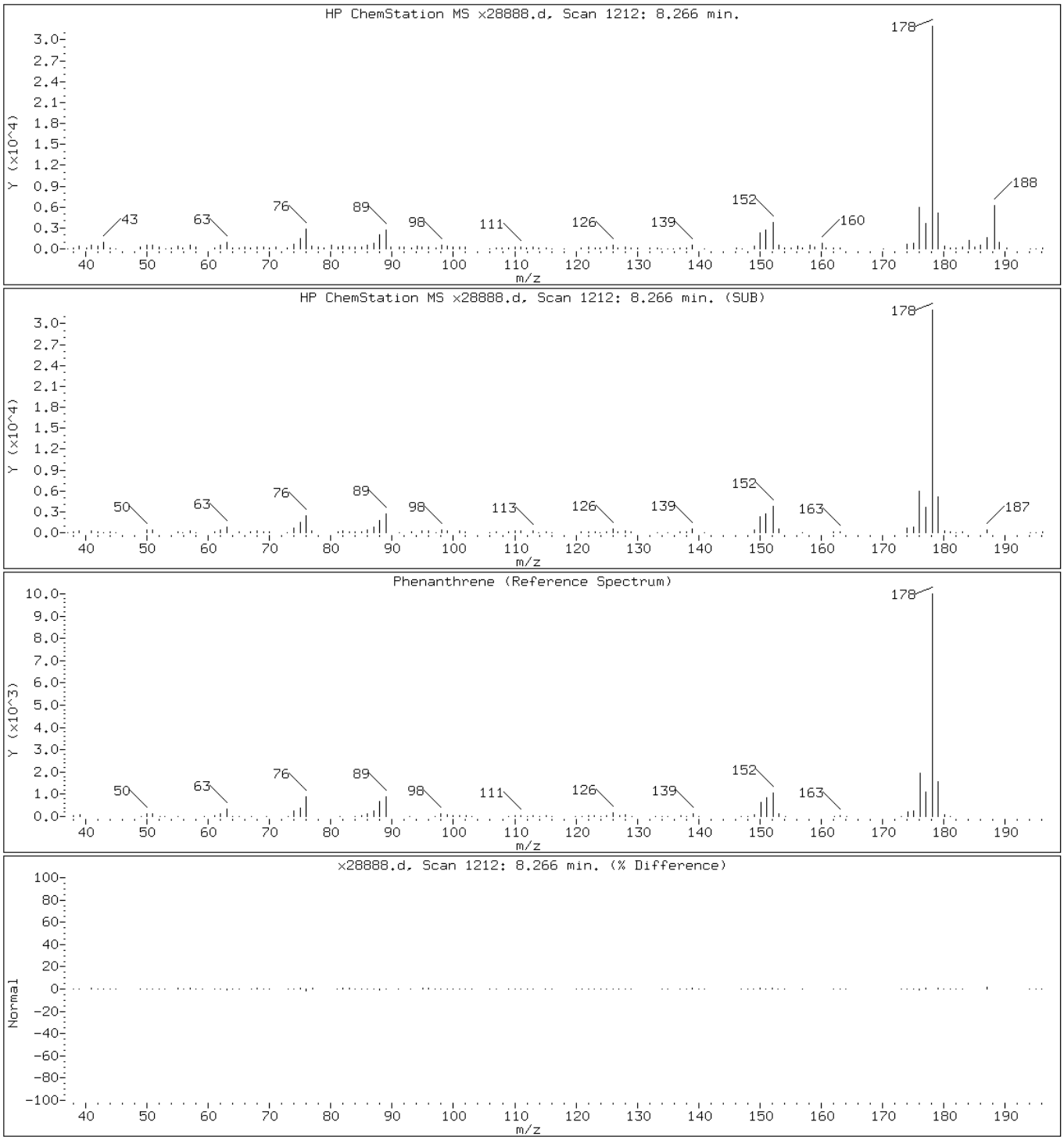
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

52 Phenanthrene



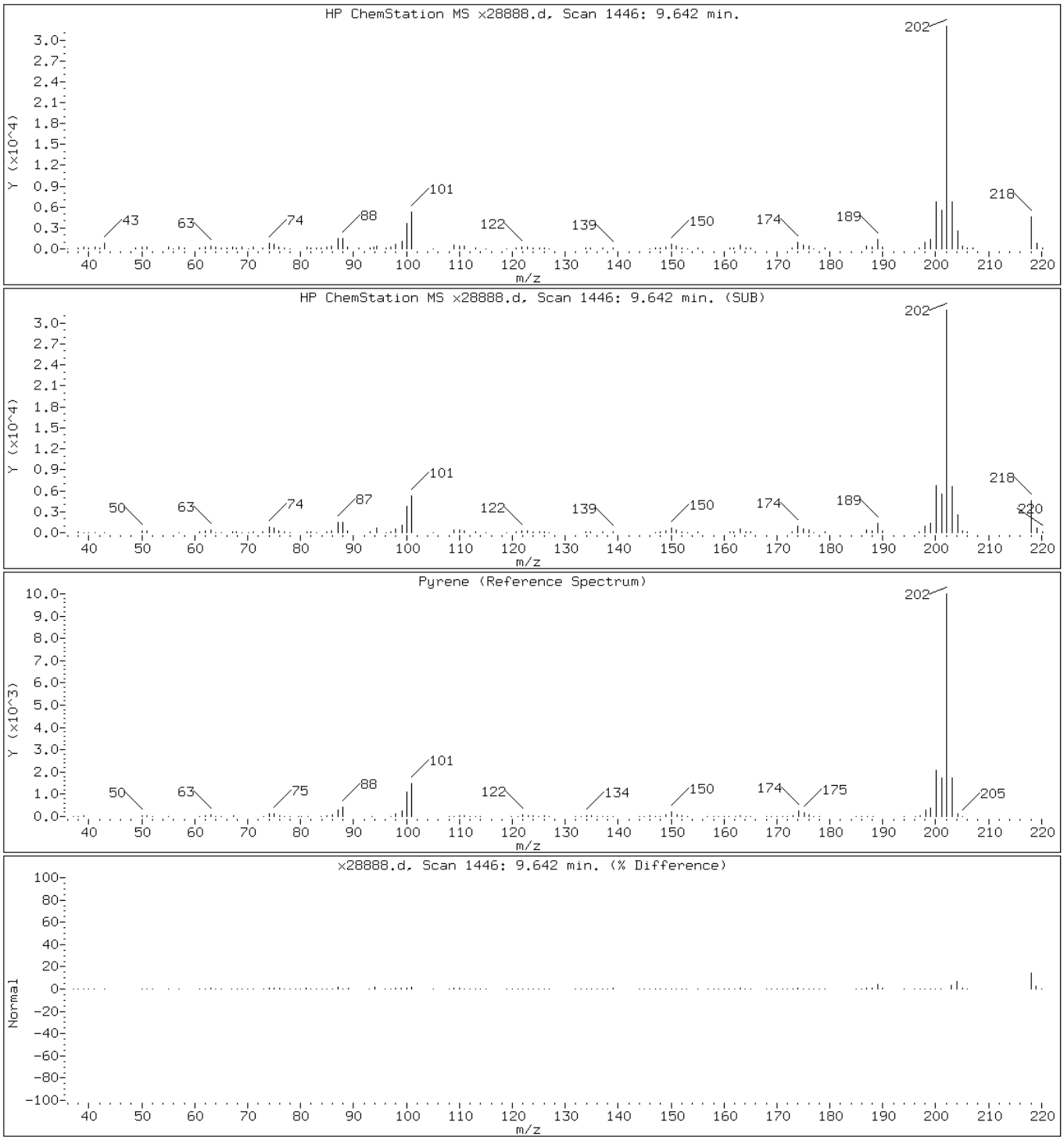
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

57 Pyrene



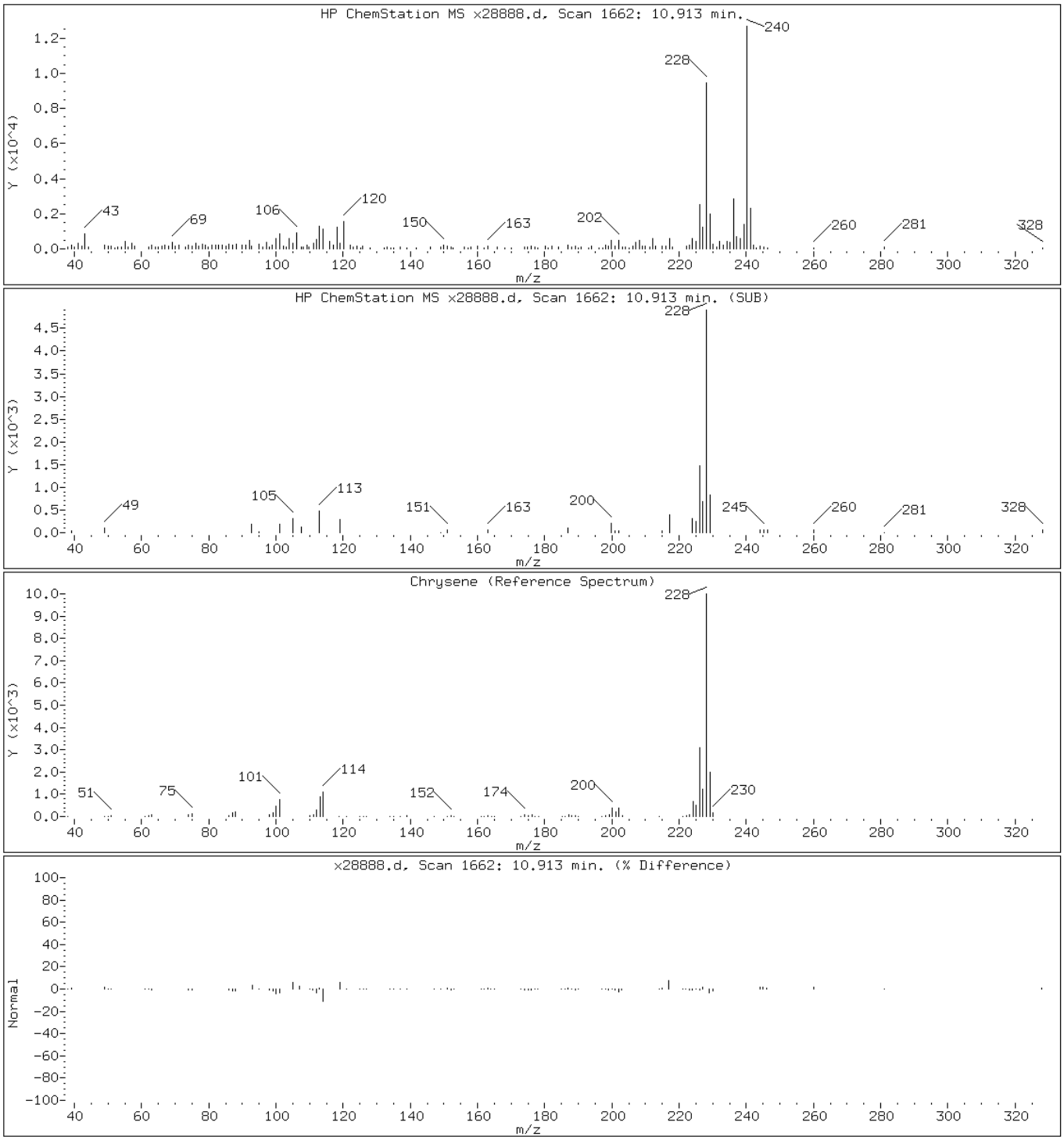
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

62 Chrysene



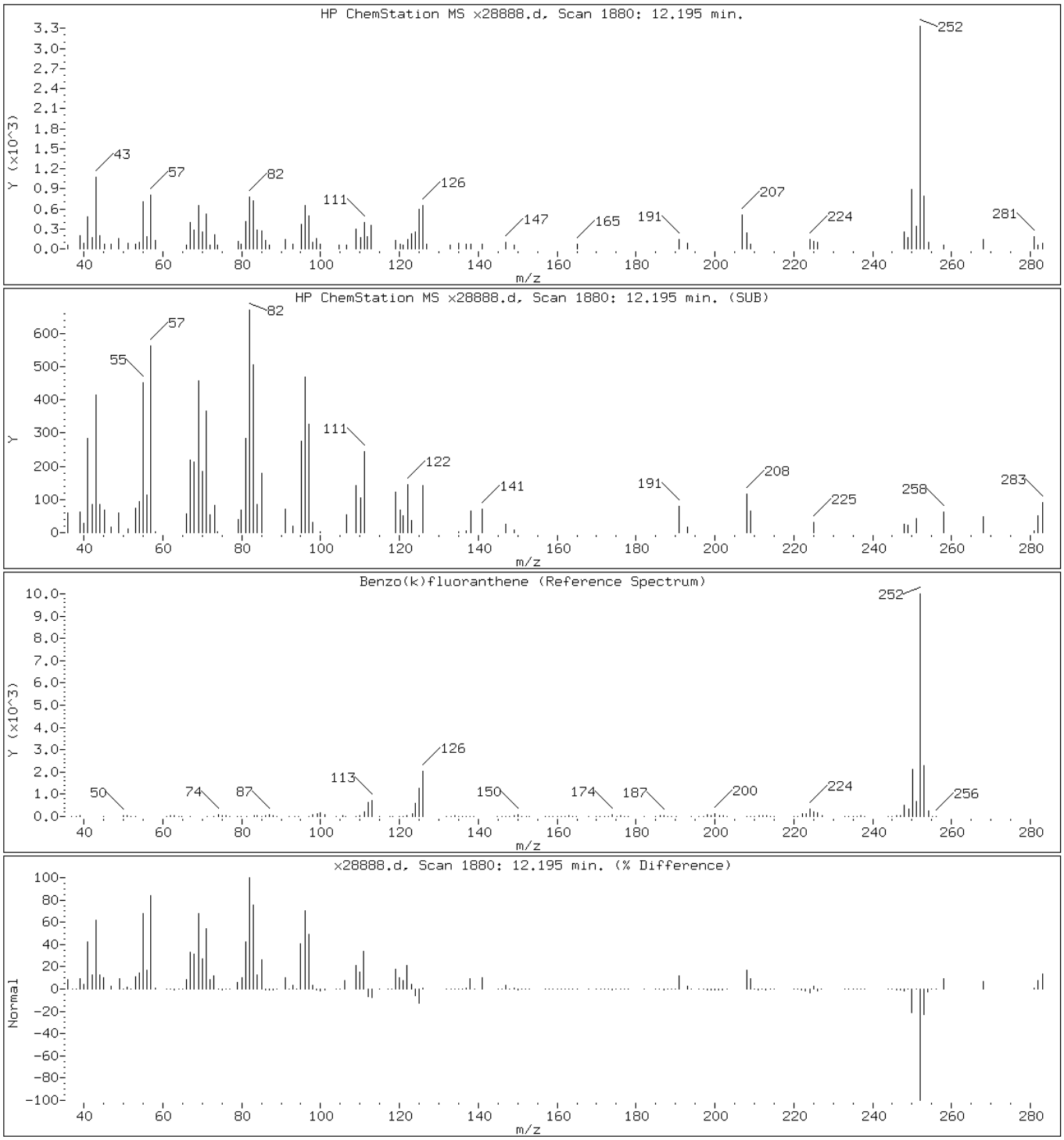
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

66 Benzo(k)fluoranthene



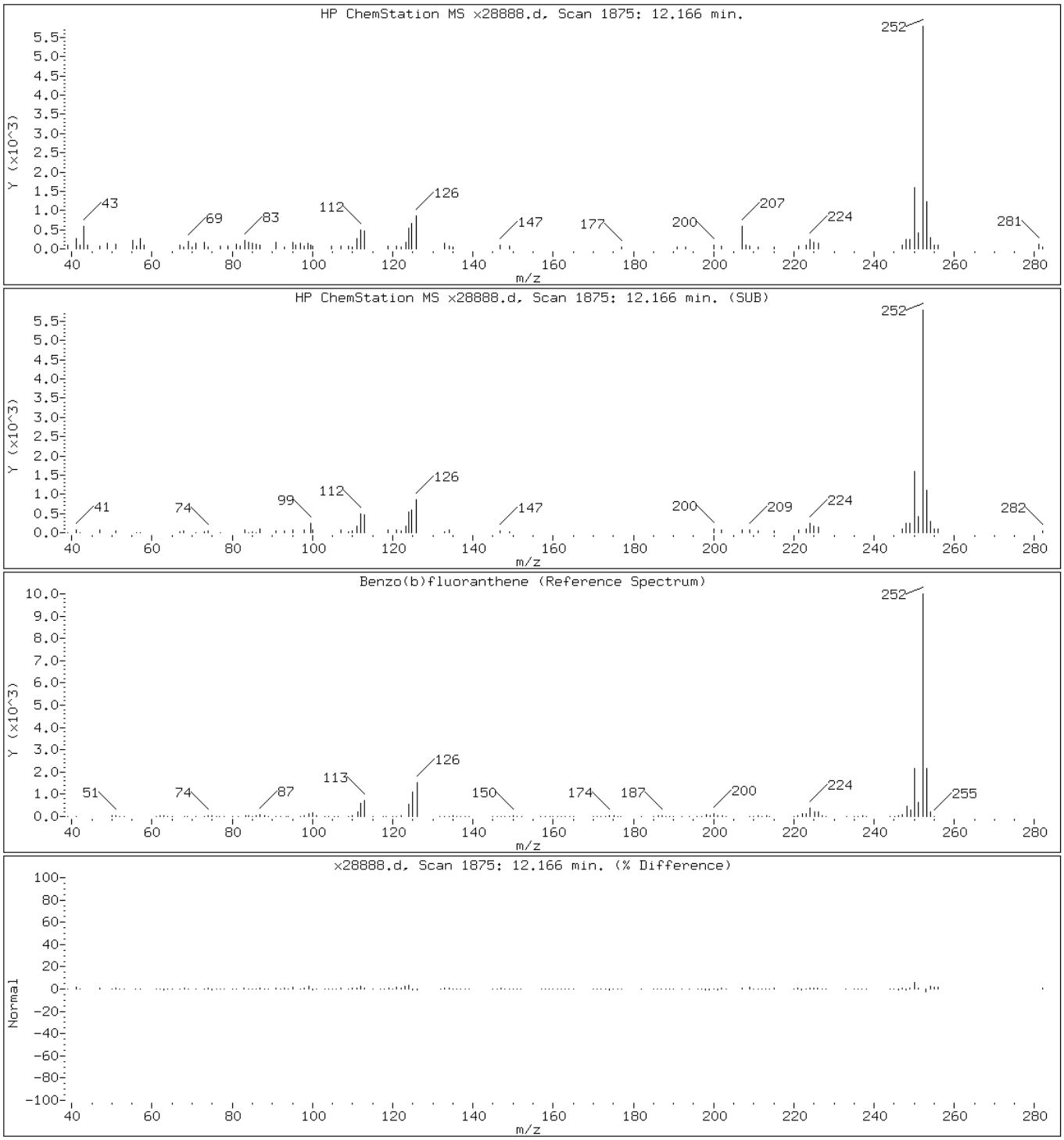
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



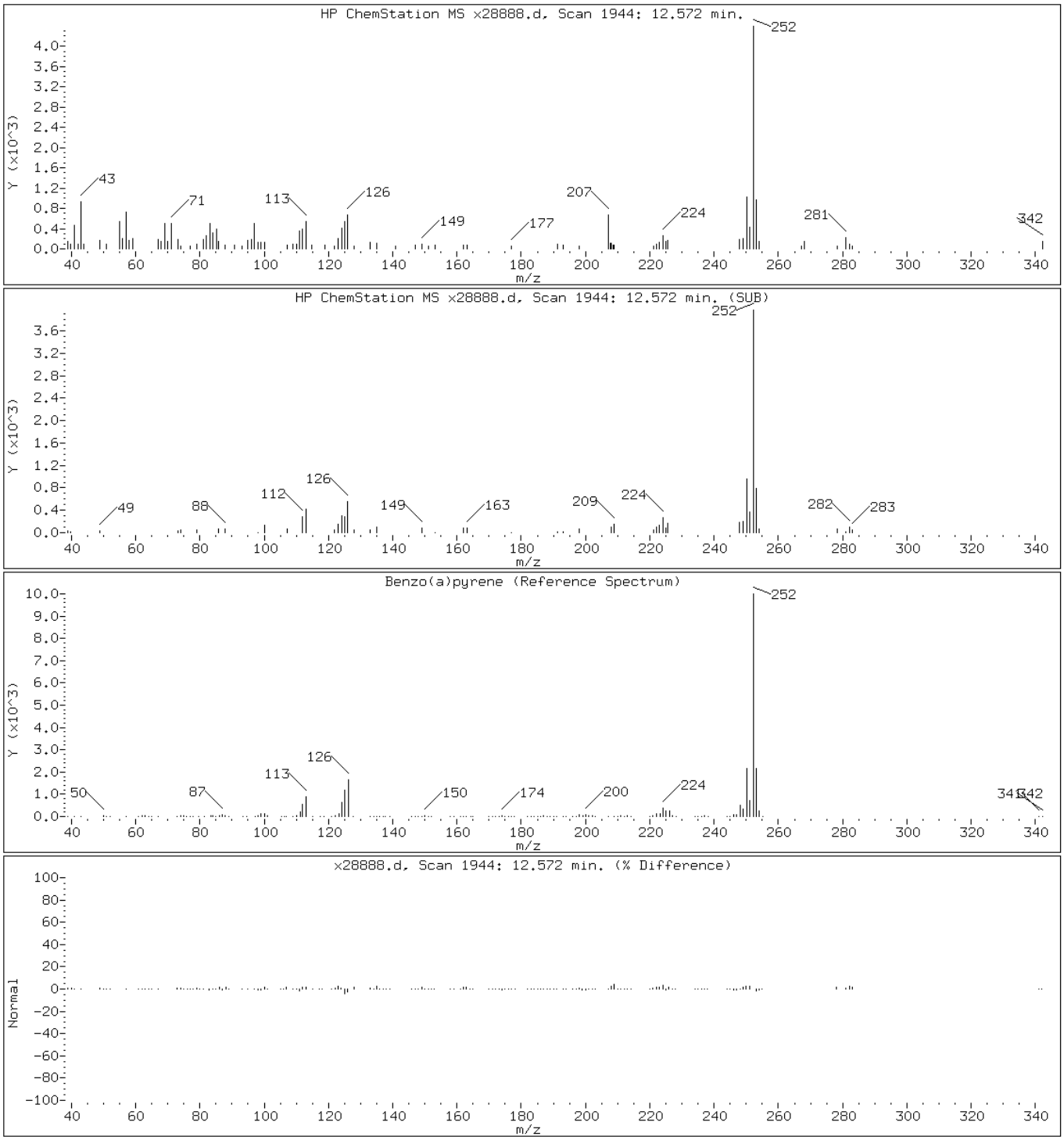
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

67 Benzo(a)pyrene



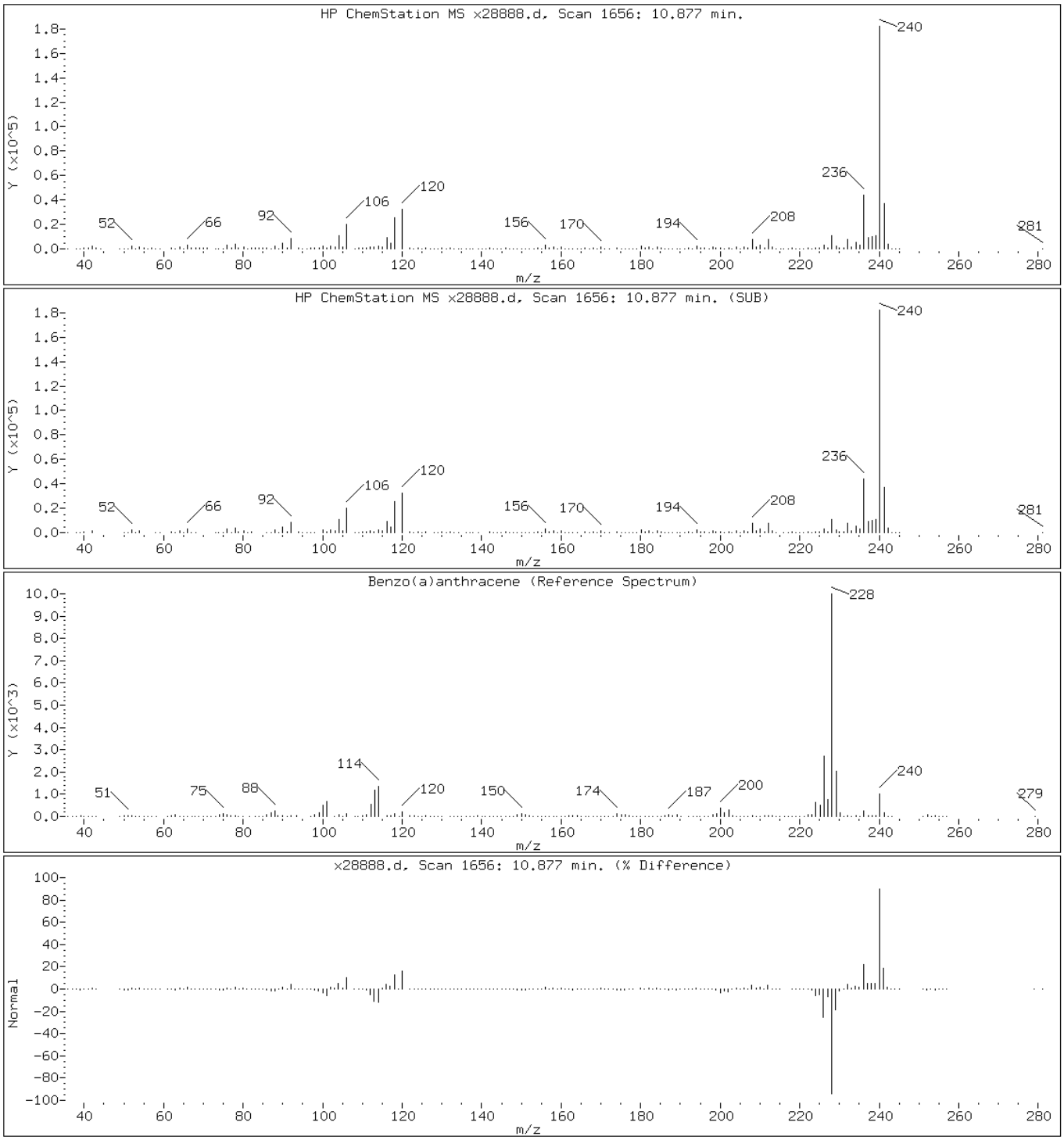
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

61 Benzo(a)anthracene



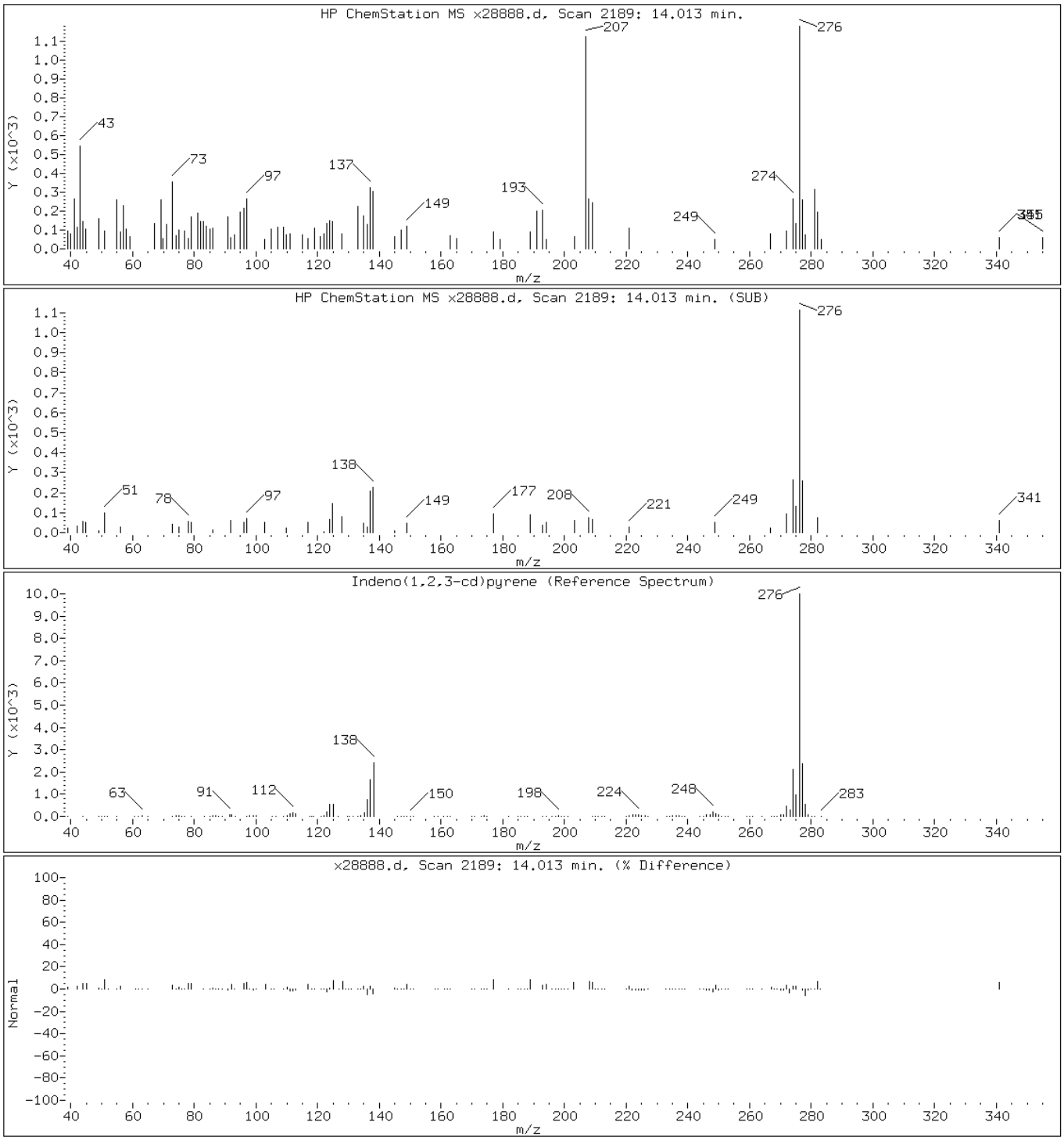
Data File: x28888.d

Date: 03-AUG-2012 04:23

Client ID: 20120731SB-396V6-7N Instrument: BNAMS5.i

Sample Info: 460-42971-E-2-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N | Lab Sample ID: 460-42971-3

Matrix: Solid | Lab File ID: uu79143.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 21:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	230	J	460	62
95-57-8	2-Chlorophenol	60	U	460	60
95-48-7	2-Methylphenol	78	U	460	78
106-44-5	4-Methylphenol	90	U	460	90
100-52-7	Benzaldehyde	54	U	460	54
98-86-2	Acetophenone	71	U	460	71
111-44-4	Bis(2-chloroethyl)ether	6.3	U	46	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	51	U	460	51
621-64-7	N-Nitrosodi-n-propylamine	7.7	U	46	7.7
98-95-3	Nitrobenzene	6.5	U	46	6.5
67-72-1	Hexachloroethane	5.1	U	46	5.1
78-59-1	Isophorone	56	U	460	56
88-75-5	2-Nitrophenol	51	U	460	51
105-67-9	2,4-Dimethylphenol	110	U	460	110
120-83-2	2,4-Dichlorophenol	67	U	460	67
111-91-1	Bis(2-chloroethoxy)methane	59	U	460	59
91-20-3	Naphthalene	330	J	460	53
106-47-8	4-Chloroaniline	120	U	460	120
87-68-3	Hexachlorobutadiene	11	U	93	11
105-60-2	Caprolactam	110	U	460	110
59-50-7	4-Chloro-3-methylphenol	69	U	460	69
91-57-6	2-Methylnaphthalene	180	J	460	59
118-74-1	Hexachlorobenzene	6.3	U	46	6.3
77-47-4	Hexachlorocyclopentadiene	54	U	460	54
88-06-2	2,4,6-Trichlorophenol	54	U	460	54
95-95-4	2,4,5-Trichlorophenol	59	U	460	59
92-52-4	Diphenyl	88	J	460	62
91-58-7	2-Chloronaphthalene	51	U	460	51
88-74-4	2-Nitroaniline	190	U	930	190
606-20-2	2,6-Dinitrotoluene	14	U	93	14
131-11-3	Dimethyl phthalate	54	U	460	54
208-96-8	Acenaphthylene	440	J	460	54
99-09-2	3-Nitroaniline	160	U	930	160
83-32-9	Acenaphthene	200	J	460	67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N | Lab Sample ID: 460-42971-3

Matrix: Solid | Lab File ID: uu79143.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 21:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	300	U	1400	300
51-28-5	2,4-Dinitrophenol	260	U	1400	260
132-64-9	Dibenzofuran	350	J	460	54
84-66-2	Diethyl phthalate	55	U	460	55
86-73-7	Fluorene	250	J	460	59
206-44-0	Fluoranthene	6000		460	61
84-74-2	Di-n-butyl phthalate	57	U	460	57
121-14-2	2,4-Dinitrotoluene	15	U	93	15
7005-72-3	4-Chlorophenyl phenyl ether	54	U	460	54
100-01-6	4-Nitroaniline	140	U	930	140
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1400	130
101-55-3	4-Bromophenyl phenyl ether	46	U	460	46
1912-24-9	Atrazine	71	U	460	71
120-12-7	Anthracene	1100		460	56
86-74-8	Carbazole	340	J	460	54
85-01-8	Phenanthrene	4100		460	58
87-86-5	Pentachlorophenol	140	U	1400	140
129-00-0	Pyrene	4600		460	38
218-01-9	Chrysene	4700		460	54
207-08-9	Benzo[k]fluoranthene	3100		46	3.5
191-24-2	Benzo[g,h,i]perylene	1300		460	34
205-99-2	Benzo[b]fluoranthene	7200		46	2.9
50-32-8	Benzo[a]pyrene	4500		46	3.3
56-55-3	Benzo[a]anthracene	3700		46	3.2
86-30-6	N-Nitrosodiphenylamine	45	U	460	45
85-68-7	Butyl benzyl phthalate	42	U	460	42
117-81-7	Bis(2-ethylhexyl) phthalate	150	U	460	150
117-84-0	Di-n-octyl phthalate	29	U	460	29
193-39-5	Indeno[1,2,3-cd]pyrene	1700		46	8.5
53-70-3	Dibenz(a,h)anthracene	570		46	5.8
91-94-1	3,3'-Dichlorobenzidine	160	U	930	160
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	460	62
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	460	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N | Lab Sample ID: 460-42971-3

Matrix: Solid | Lab File ID: uu79143.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 21:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	64		38-105
4165-62-2	Phenol-d5	61		41-118
1718-51-0	Terphenyl-d14	53		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	61		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

Data File: /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79143.d
Report Date: 07-Aug-2012 13:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79143.d
Lab Smp Id: 460-42971-E-3-F Client Smp ID: 20120731SB-397V0-2N
Inj Date : 06-AUG-2012 21:28
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-42971-E-3-F
Misc Info : 460-42971-E-3-F
Comment :
Method : /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/8270C_11.m
Meth Date : 07-Aug-2012 12:30 monica Quant Type: ISTD
Cal Date : 31-JUL-2012 10:45 Cal File: u78924.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	28.02198	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.060	3.036	(0.705)	678669	61.1018	5600
$ 17 Phenol-d5 (SUR)	99	3.989	3.975	(0.919)	954720	61.1205	5700
1 Phenol	94	3.996	3.990	(0.920)	41017	2.47502	230(a)
* 79 1,4-Dichlorobenzene-d4	152	4.342	4.334	(1.000)	322681	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.903	4.905	(0.870)	383529	32.1940	3000
* 80 Naphthalene-d8	136	5.634	5.636	(1.000)	1163065	40.0000	
31 Naphthalene	128	5.649	5.657	(1.003)	101558	3.51567	320(a)
34 2-Methylnaphthalene	142	6.350	6.353	(1.127)	36403	1.91272	180(a)
120 1-Methylnaphthalene	142	6.454	6.457	(1.146)	28101	1.40082	130(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.730	6.729	(0.910)	548430	36.9146	3400
102 Diphenyl	154	6.819	6.826	(0.922)	17202	0.95549	88(a)
125 1,3-Dimethylnaphthalene	156	7.058	7.065	(0.954)	29130	2.47025	230(a)
39 Acenaphthylene	152	7.258	7.263	(0.981)	111846	4.71964	440(a)

Data File: /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79143.d
Report Date: 07-Aug-2012 13:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 82 Acenaphthene-d10	164	7.398	7.403	(1.000)	500852	40.0000	
42 Acenaphthene	154	7.427	7.432	(1.004)	31641	2.15463	200(a)
43 Dibenzofuran	168	7.605	7.603	(1.028)	70778	3.74960	350(a)
47 Fluorene	166	7.941	7.949	(1.073)	45978	2.69020	250(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.186	8.184	(1.107)	137859	58.7847	5400
* 83 Phenanthrene-d10	188	8.876	8.876	(1.000)	549087	40.0000	
52 Phenanthrene	178	8.898	8.898	(1.002)	689452	44.3912	4100
53 Anthracene	178	8.942	8.950	(1.007)	191313	12.0847	1100
54 Carbazole	167	9.101	9.104	(1.025)	57882	3.66871	340(a)
56 Fluoranthene	202	10.079	10.066	(1.136)	1001148	65.0692	6000
57 Pyrene	202	10.308	10.293	(0.883)	908035	49.4109	4600
$ 78 Terphenyl-d14	244	10.454	10.448	(0.896)	374885	26.5627	2500
61 Benzo(a)anthracene	228	11.651	11.630	(0.998)	610261	39.7448	3700
* 81 Chrysene-d12	240	11.672	11.652	(1.000)	521664	40.0000	
62 Chrysene	228	11.700	11.688	(1.002)	691052	50.5344	4700
65 Benzo(b)fluoranthene	252	13.091	13.052	(0.962)	717065	78.1733	7200
66 Benzo(k)fluoranthene	252	13.119	13.089	(0.964)	329163	33.9767	3100(H)
67 Benzo(a)pyrene	252	13.534	13.500	(0.994)	377830	49.0578	4500
* 84 Perylene-d12	264	13.611	13.575	(1.000)	305033	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	15.158	15.112	(1.114)	126557	18.8215	1700
69 Dibenz(a,h)anthracene	278	15.179	15.147	(1.115)	37462	6.11524	570
70 Benzo(g,h,i)perylene	276	15.589	15.545	(1.145)	95464	14.1485	1300

QC Flag Legend

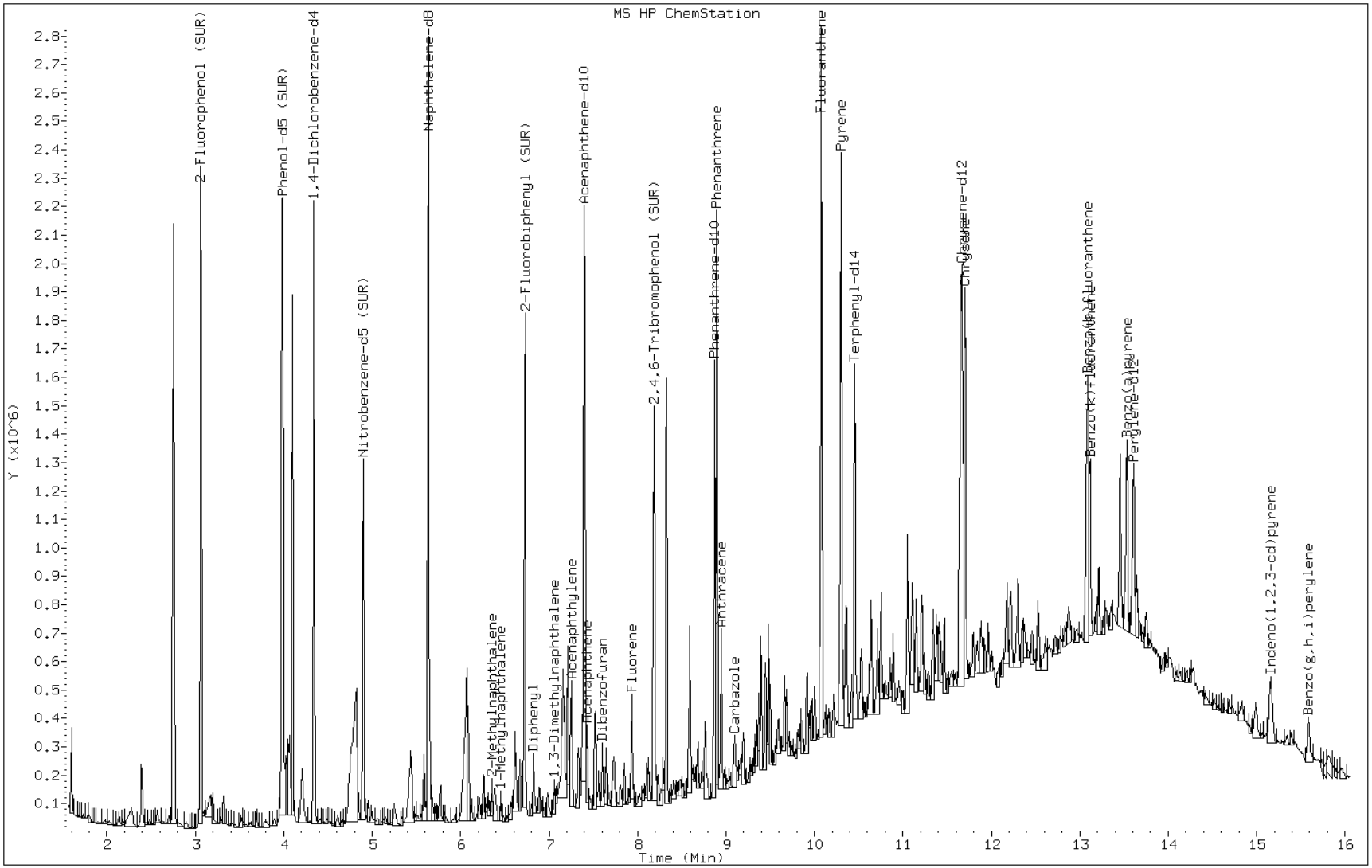
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4



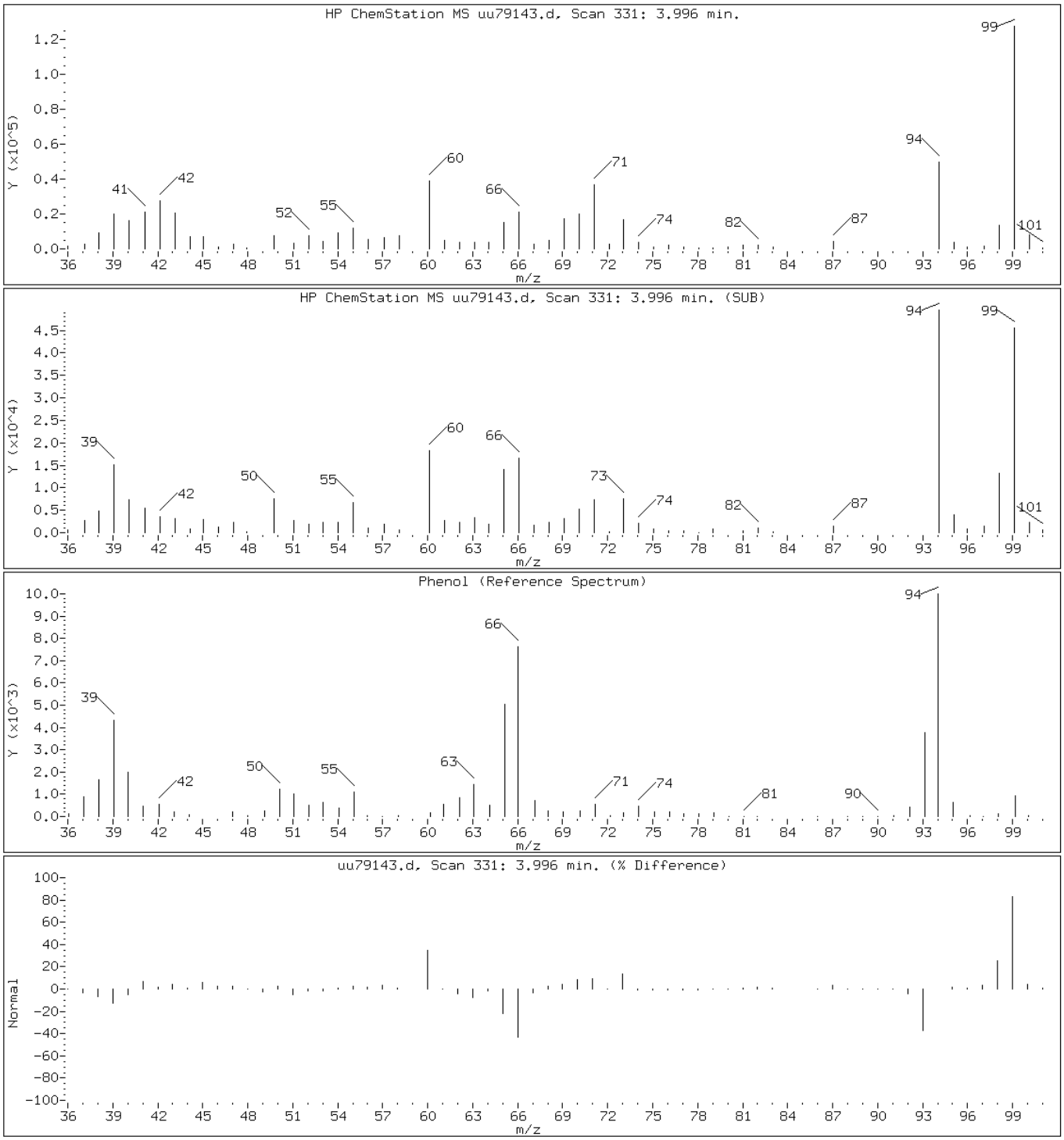
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

1 Phenol



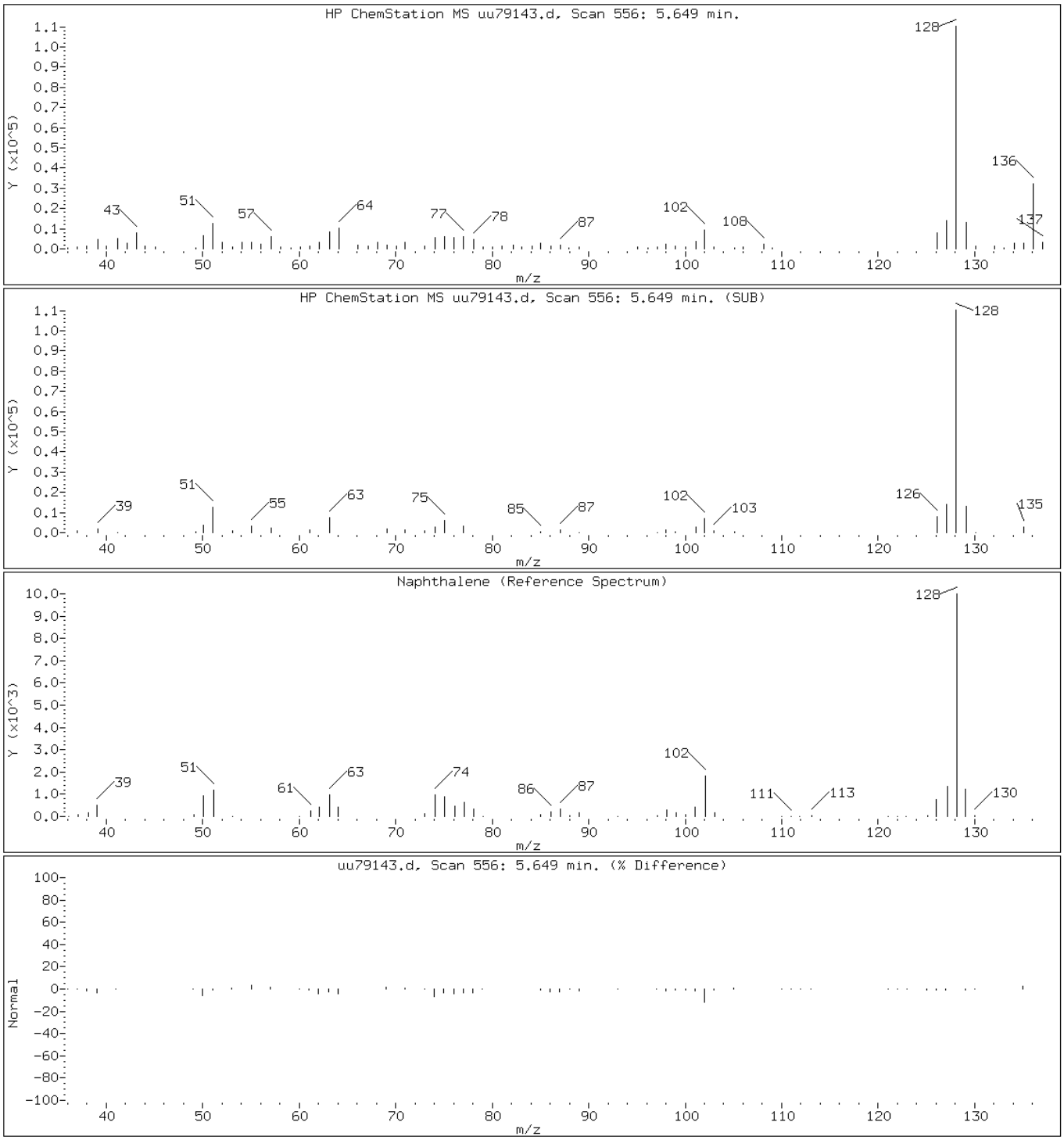
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

31 Naphthalene



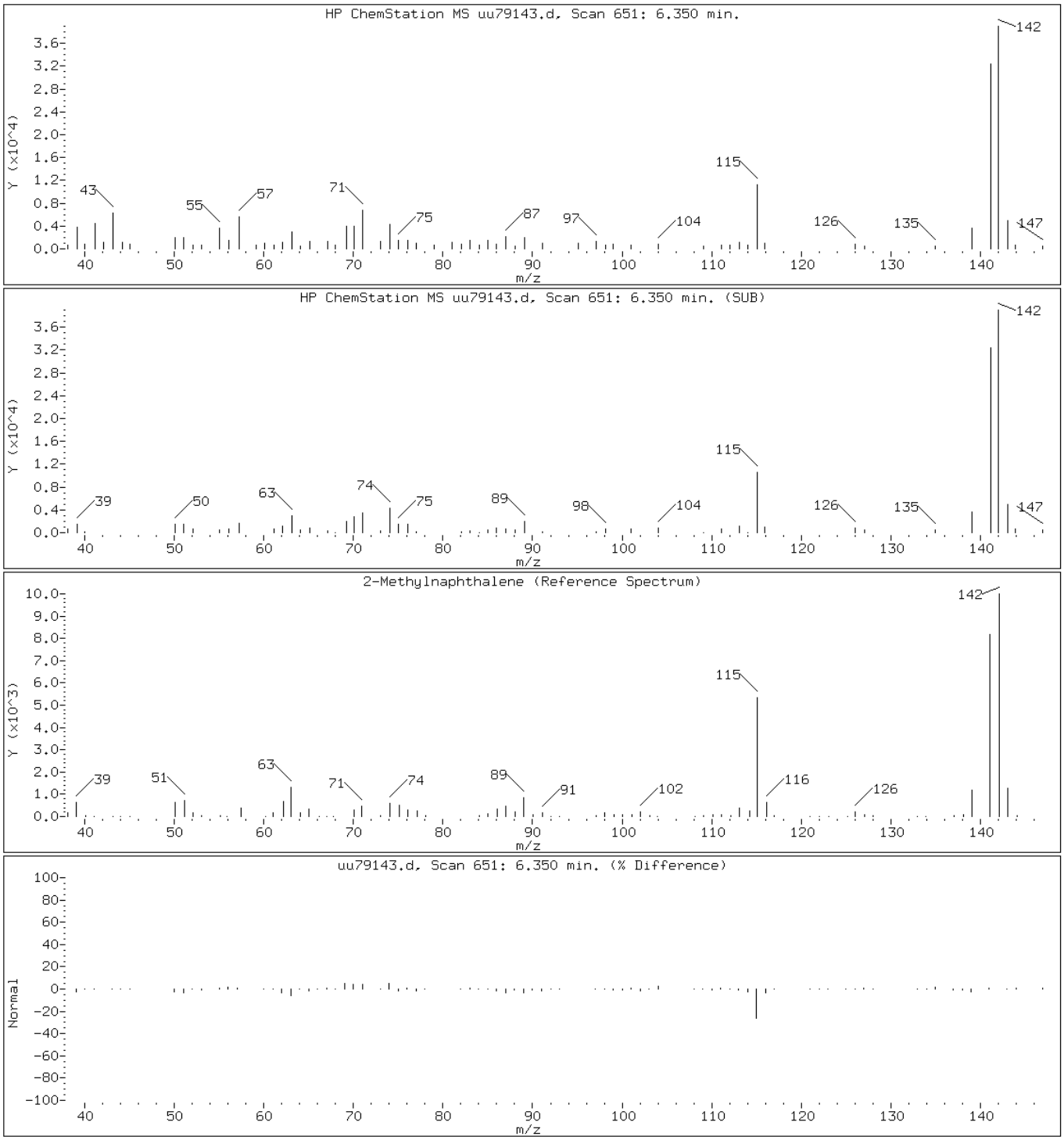
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

34 2-Methylnaphthalene



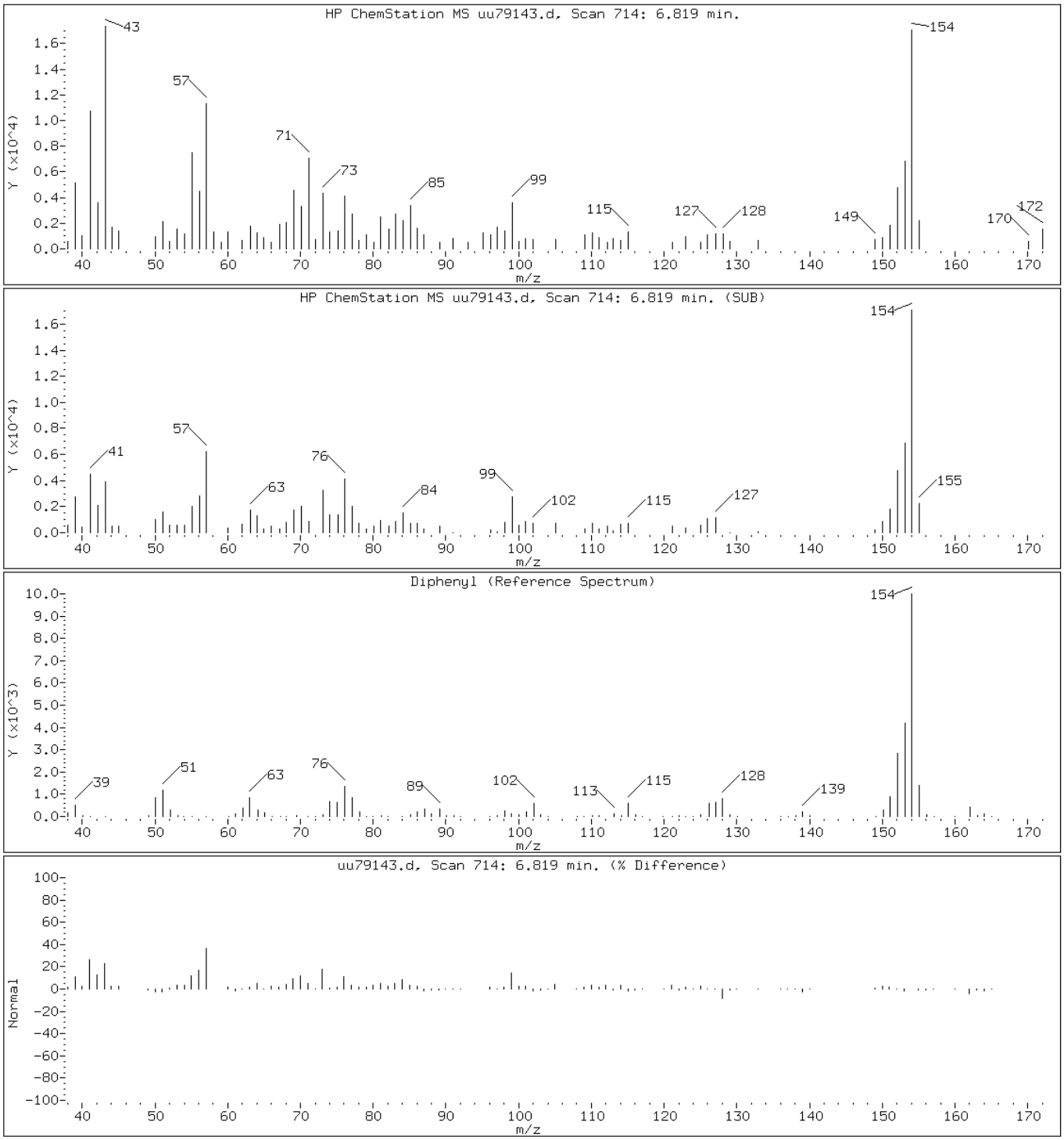
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

102 Diphenyl



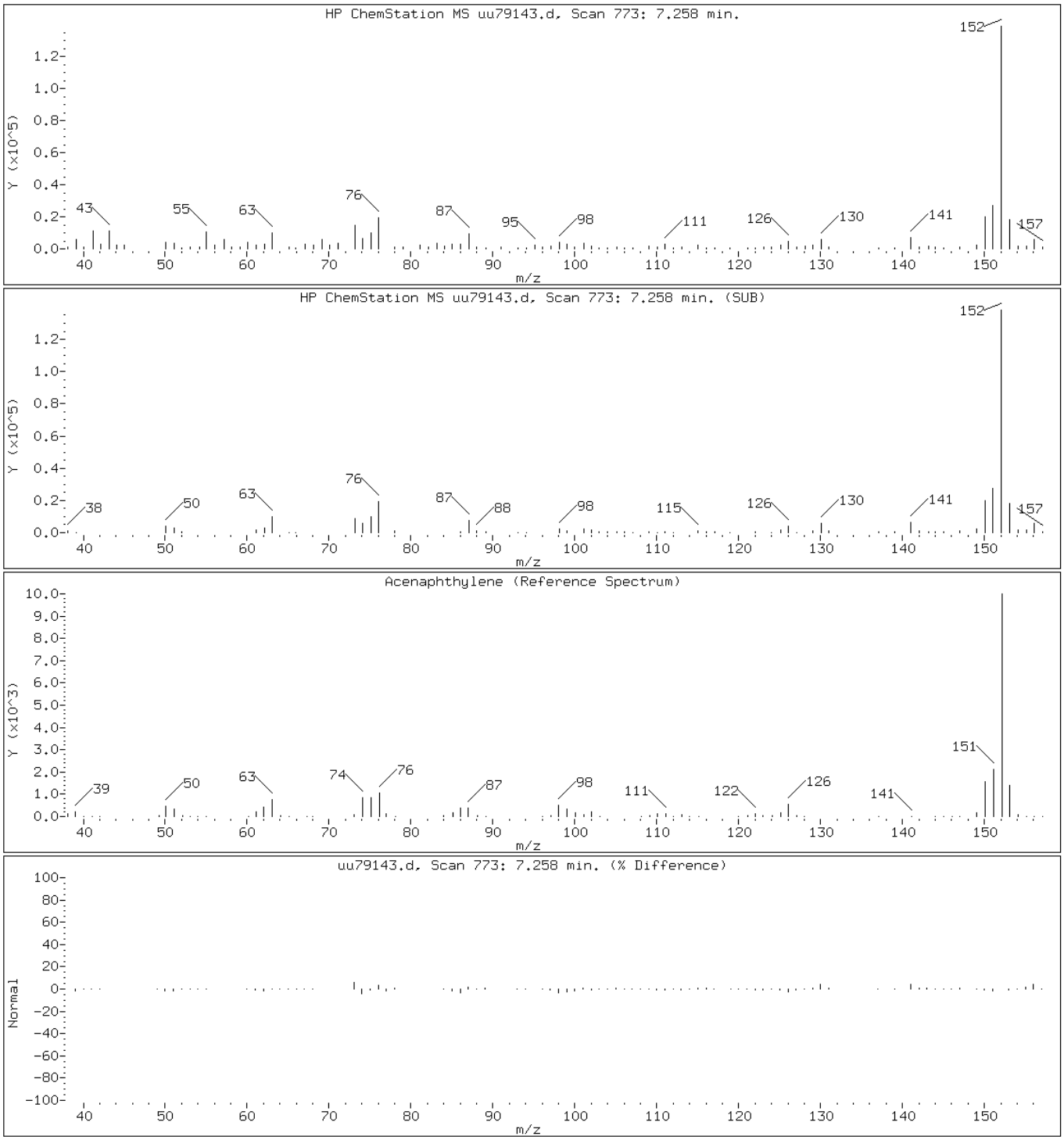
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

39 Acenaphthylene



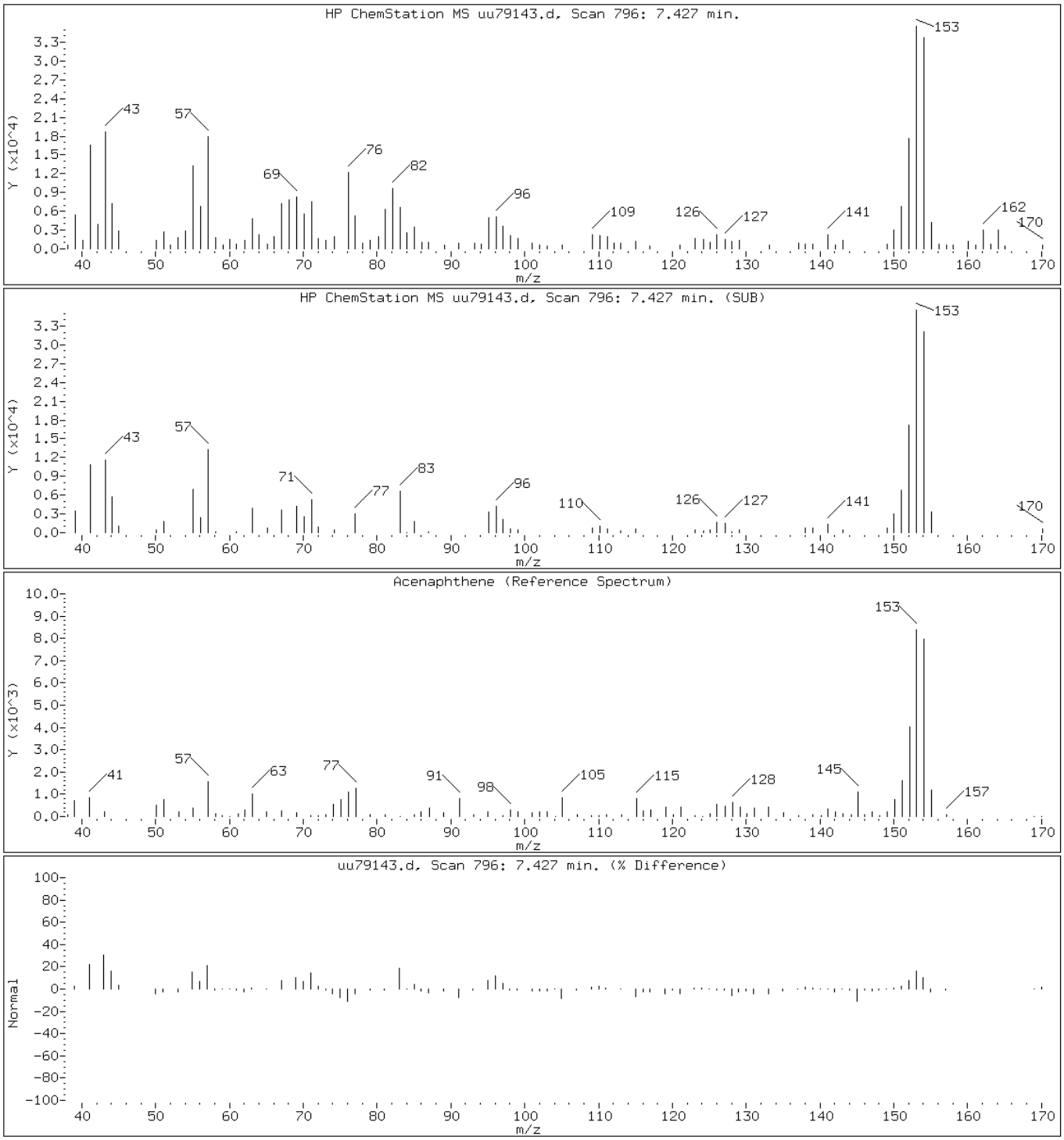
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

42 Acenaphthene



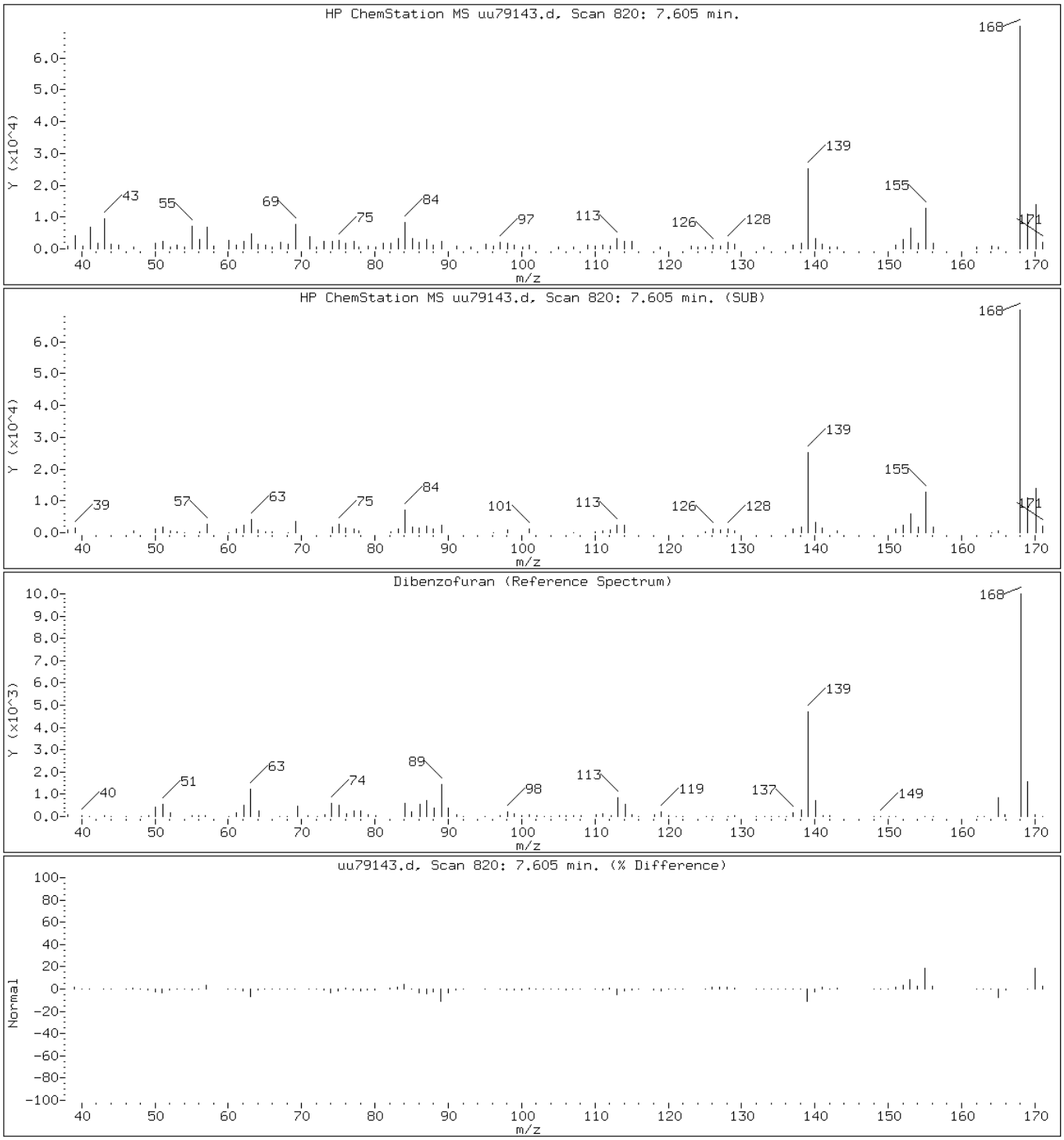
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

43 Dibenzofuran



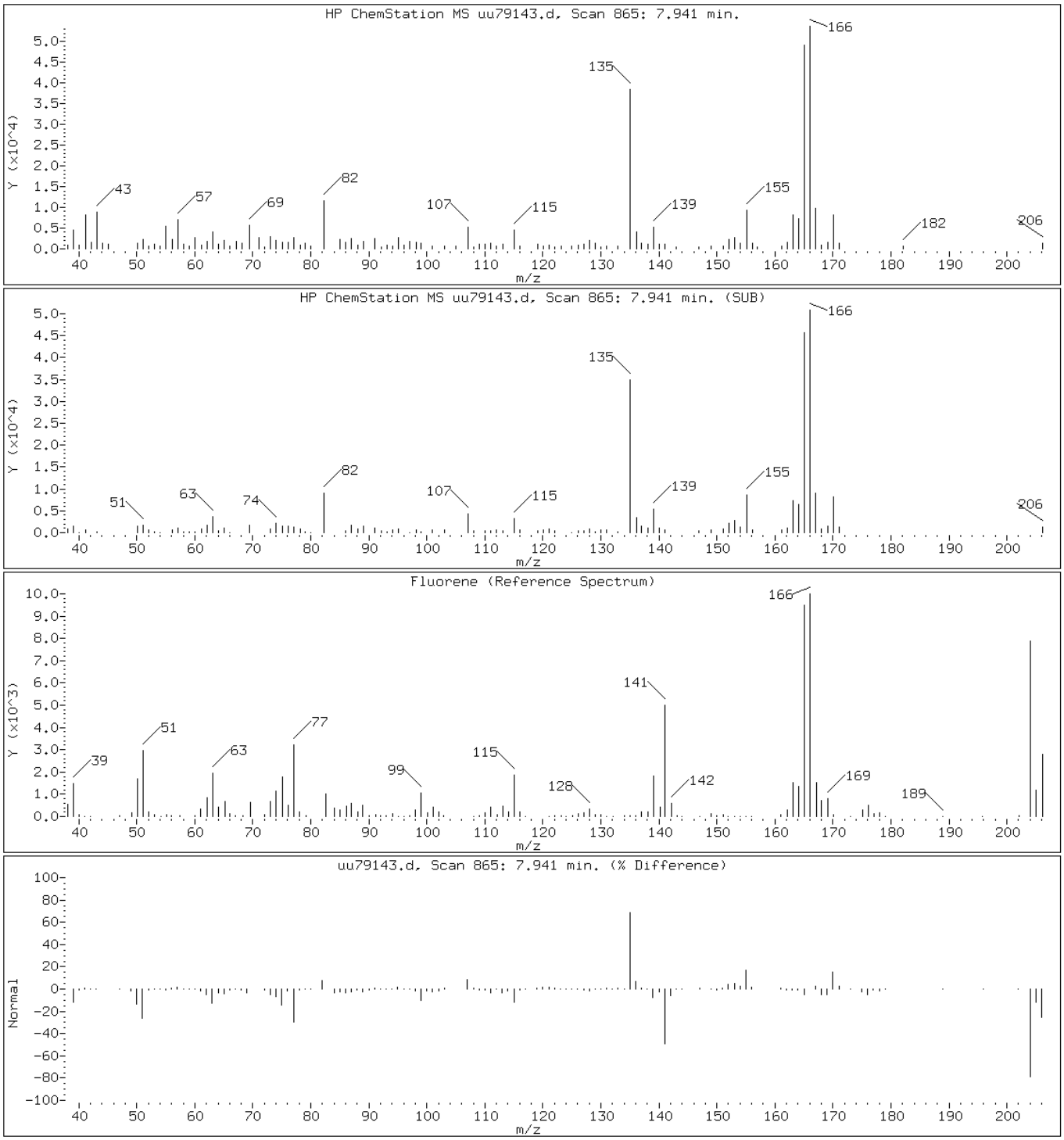
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

47 Fluorene



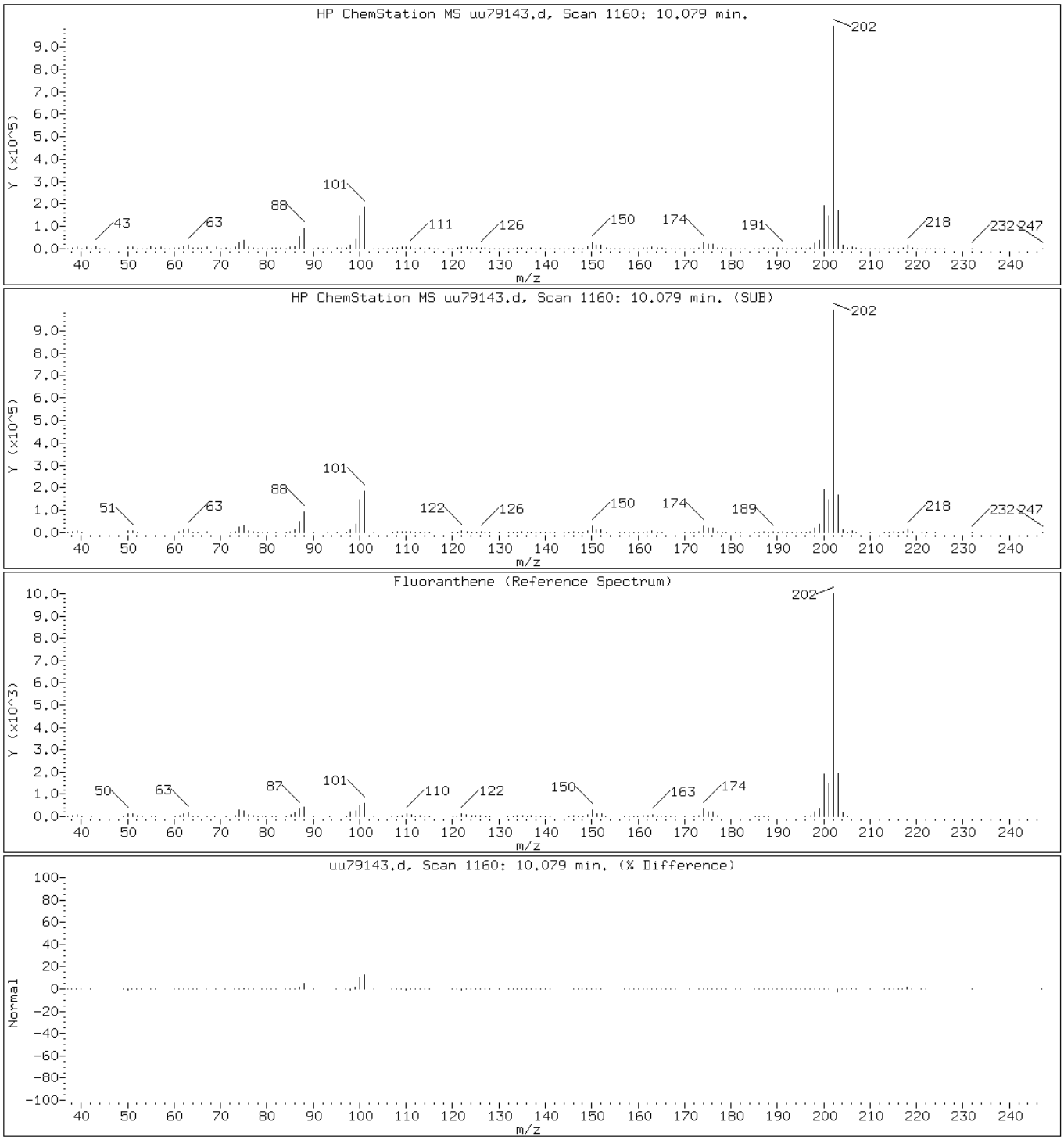
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

56 Fluoranthene



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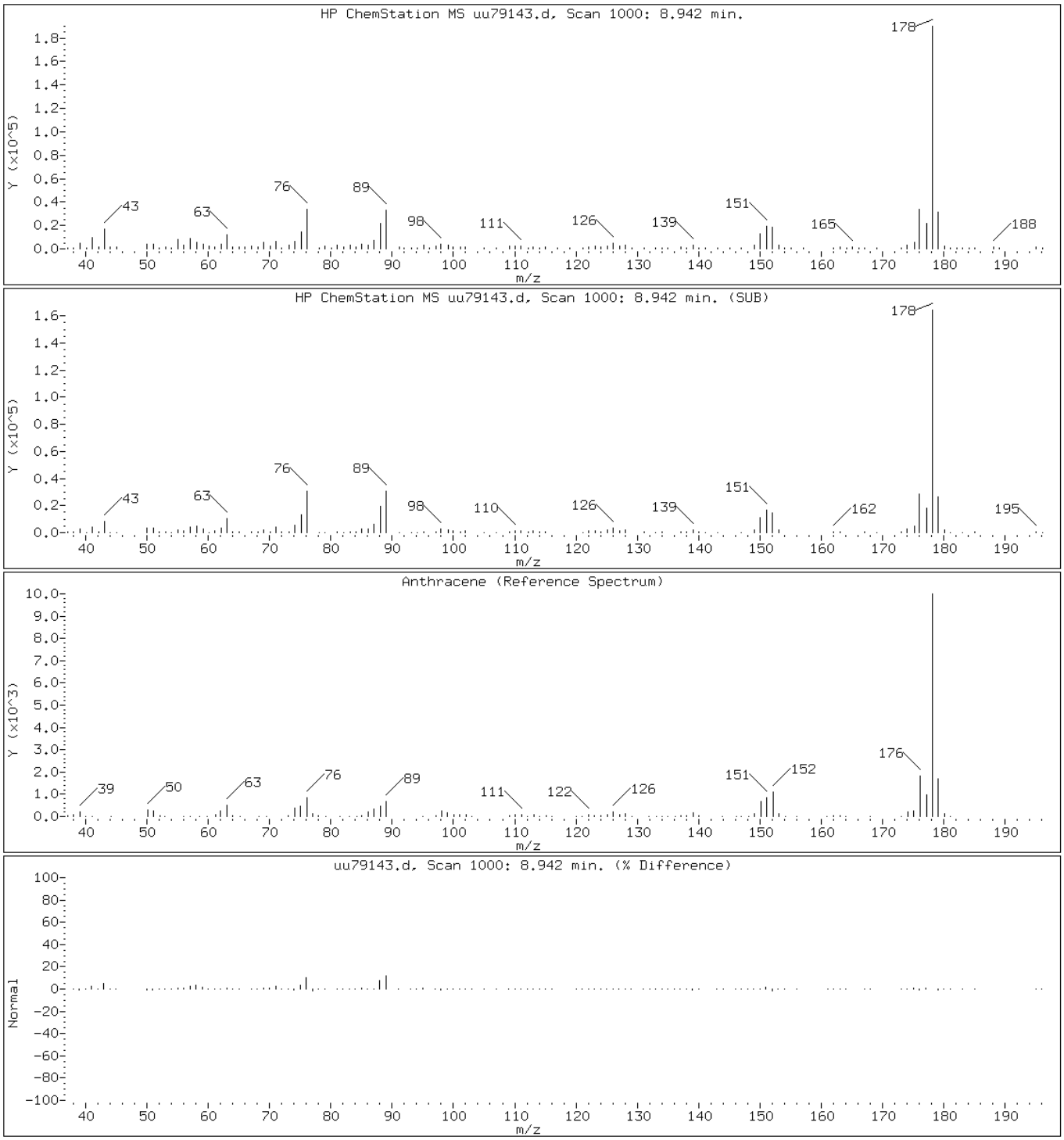
Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

53 Anthracene



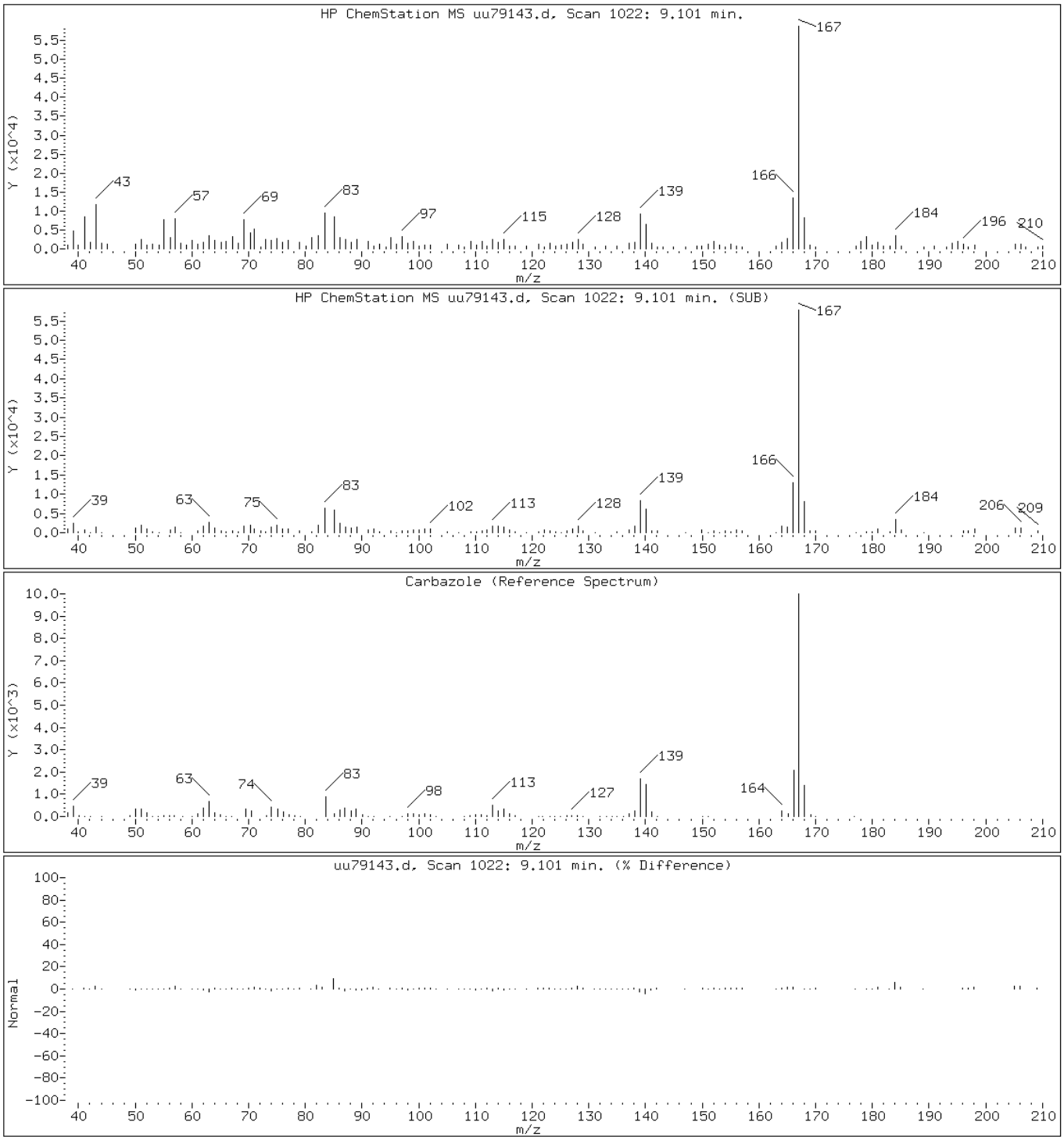
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

54 Carbazole



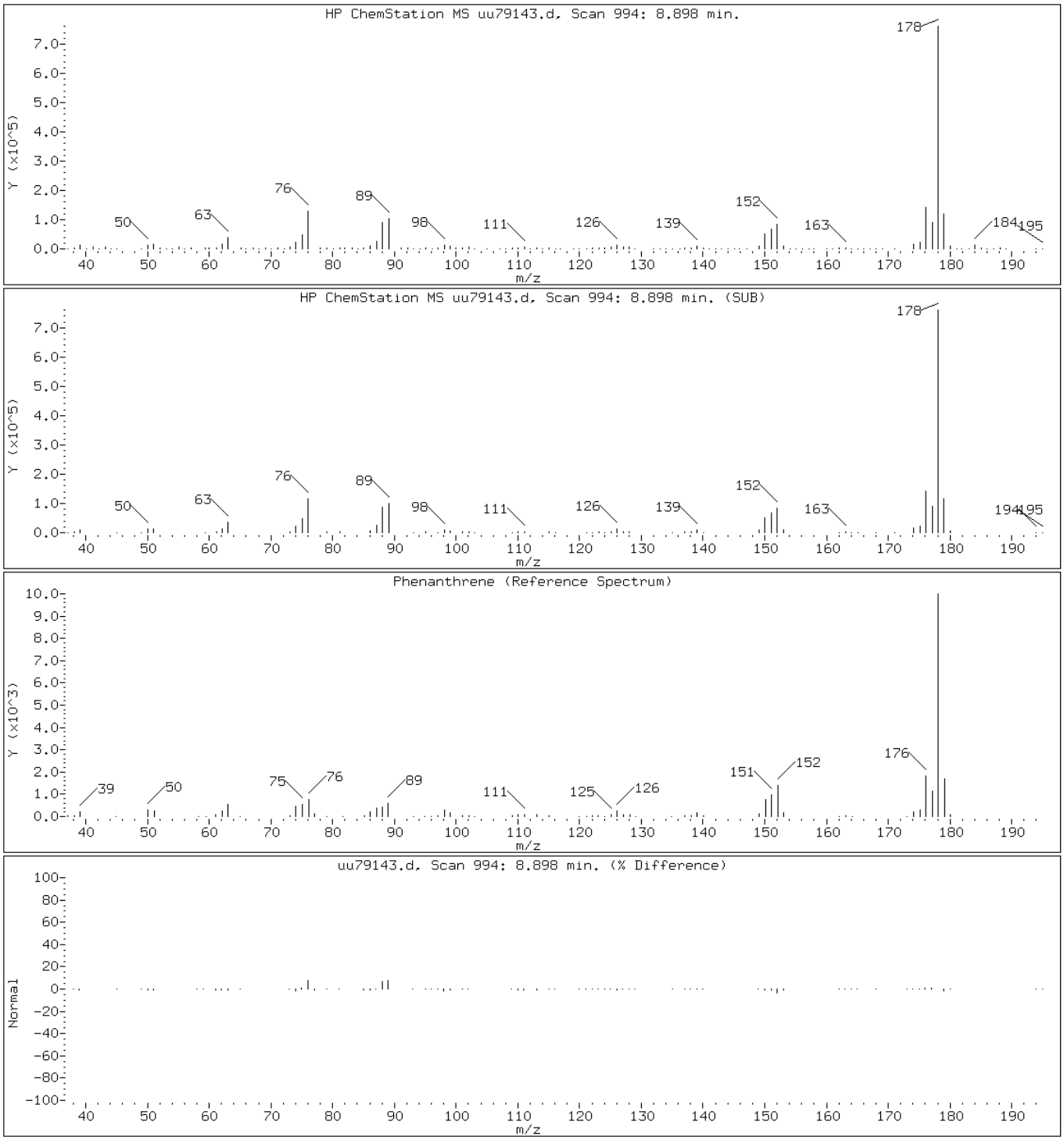
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

52 Phenanthrene



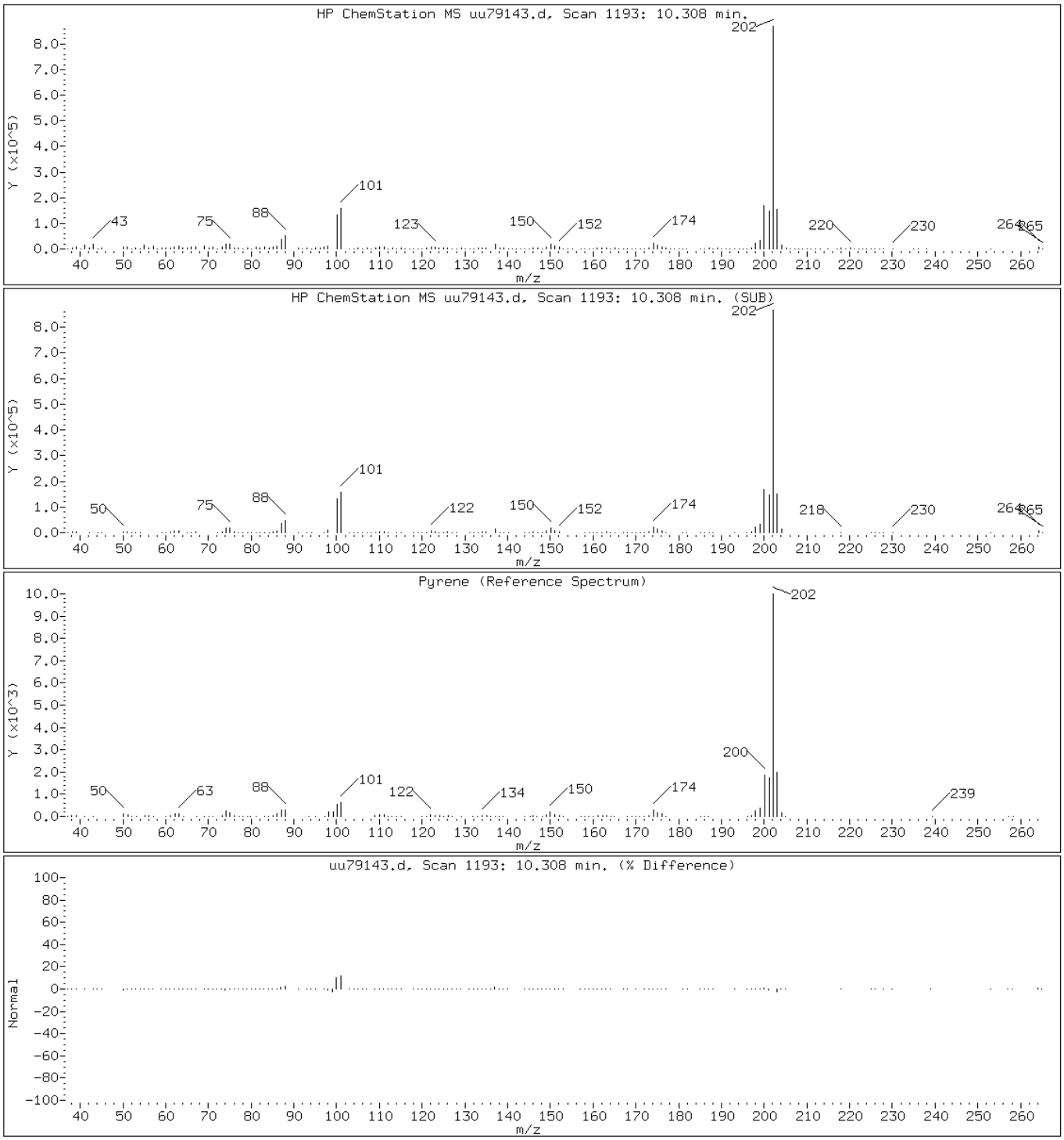
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

57 Pyrene



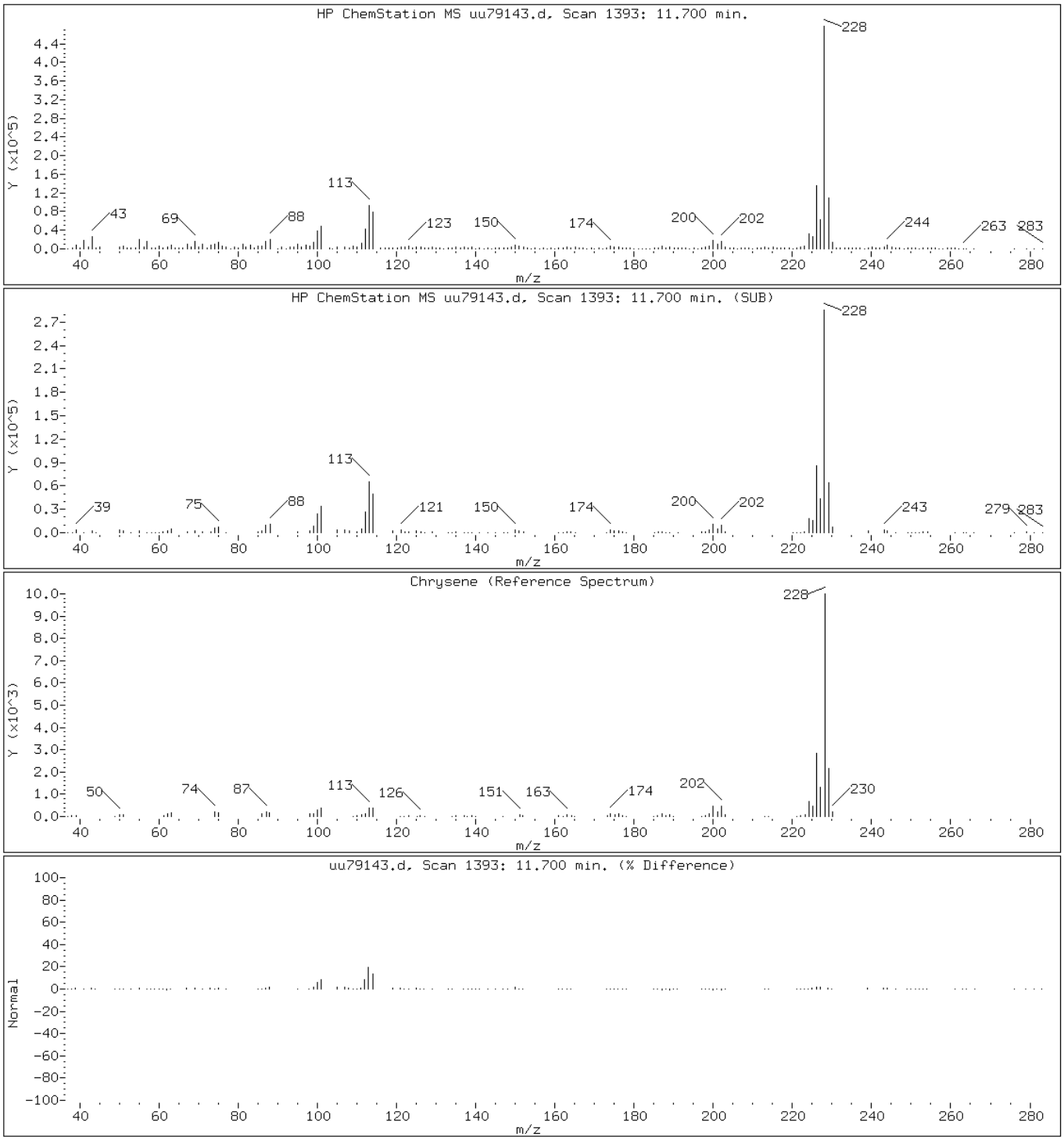
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

62 Chrysene



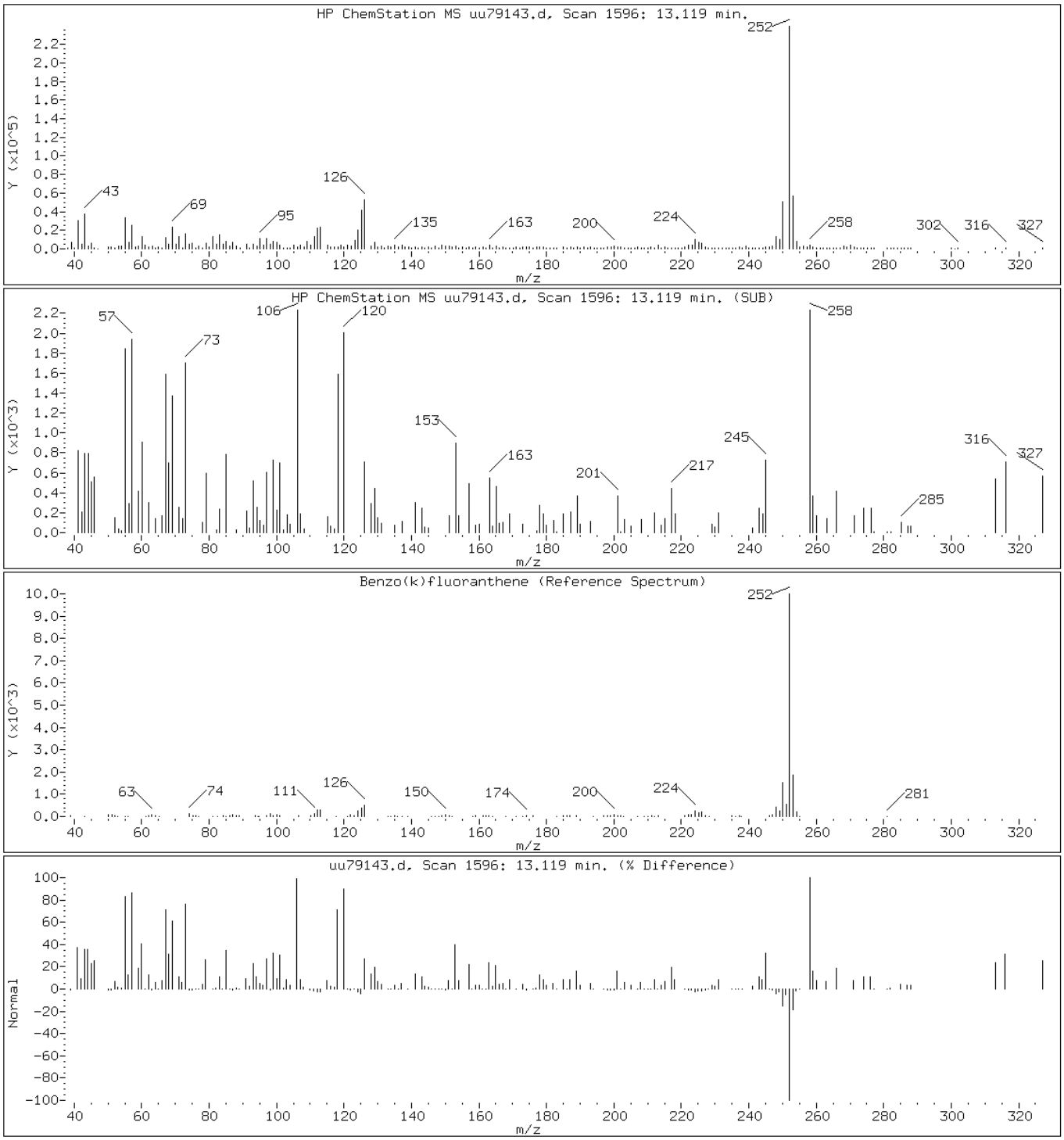
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

66 Benzo(k)fluoranthene



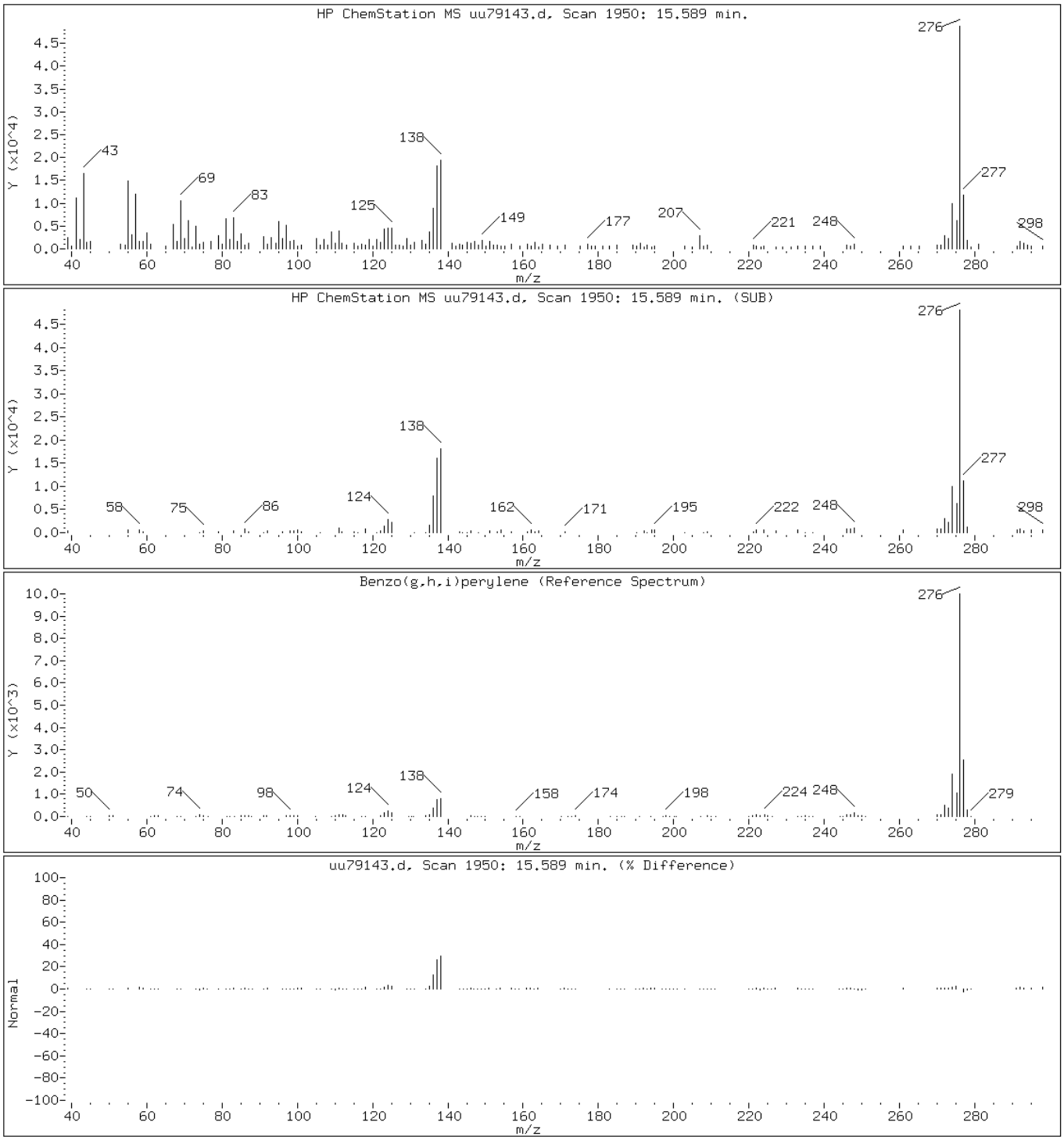
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

70 Benzo(g,h,i)perylene



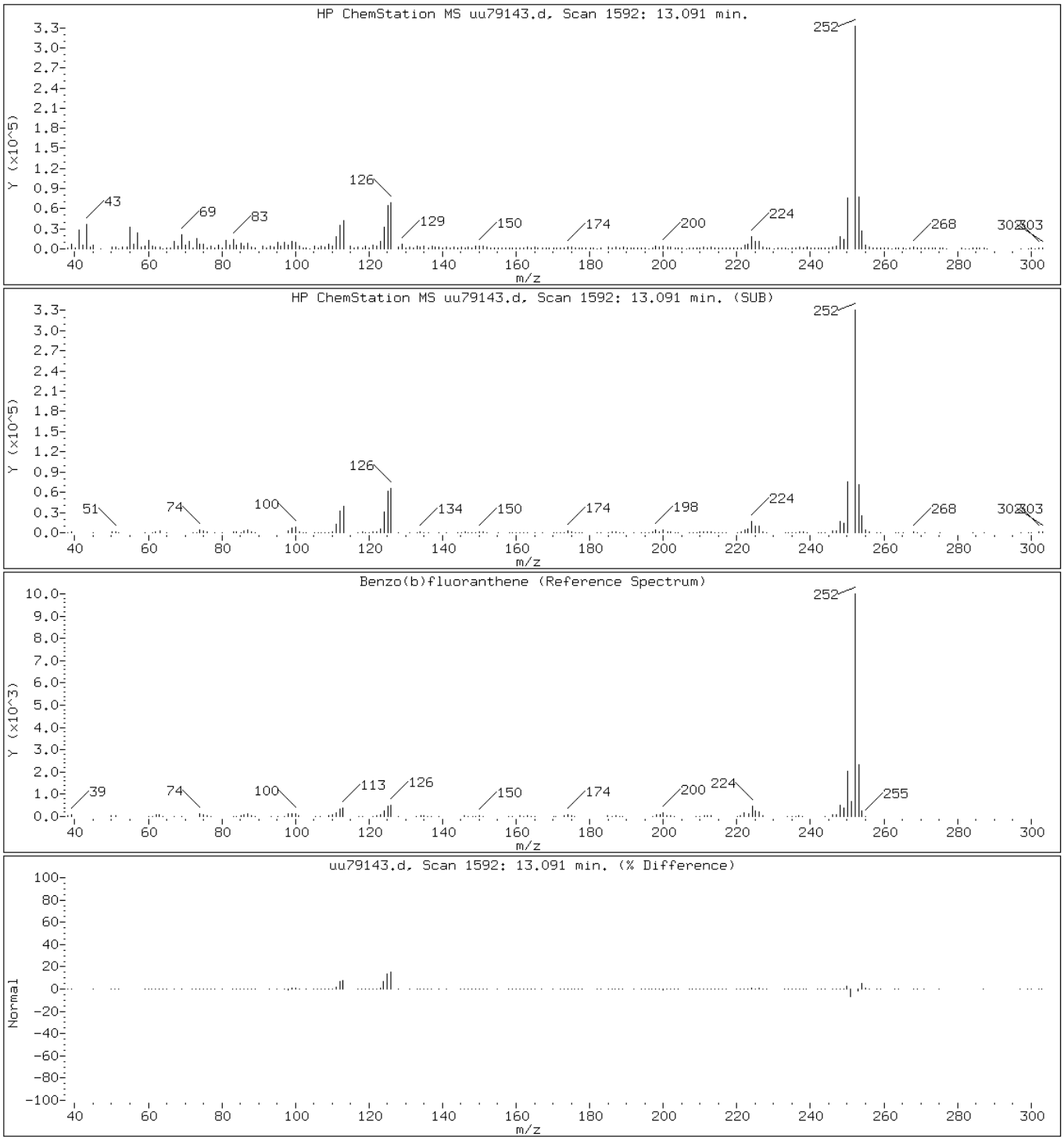
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

65 Benzo(b)fluoranthene



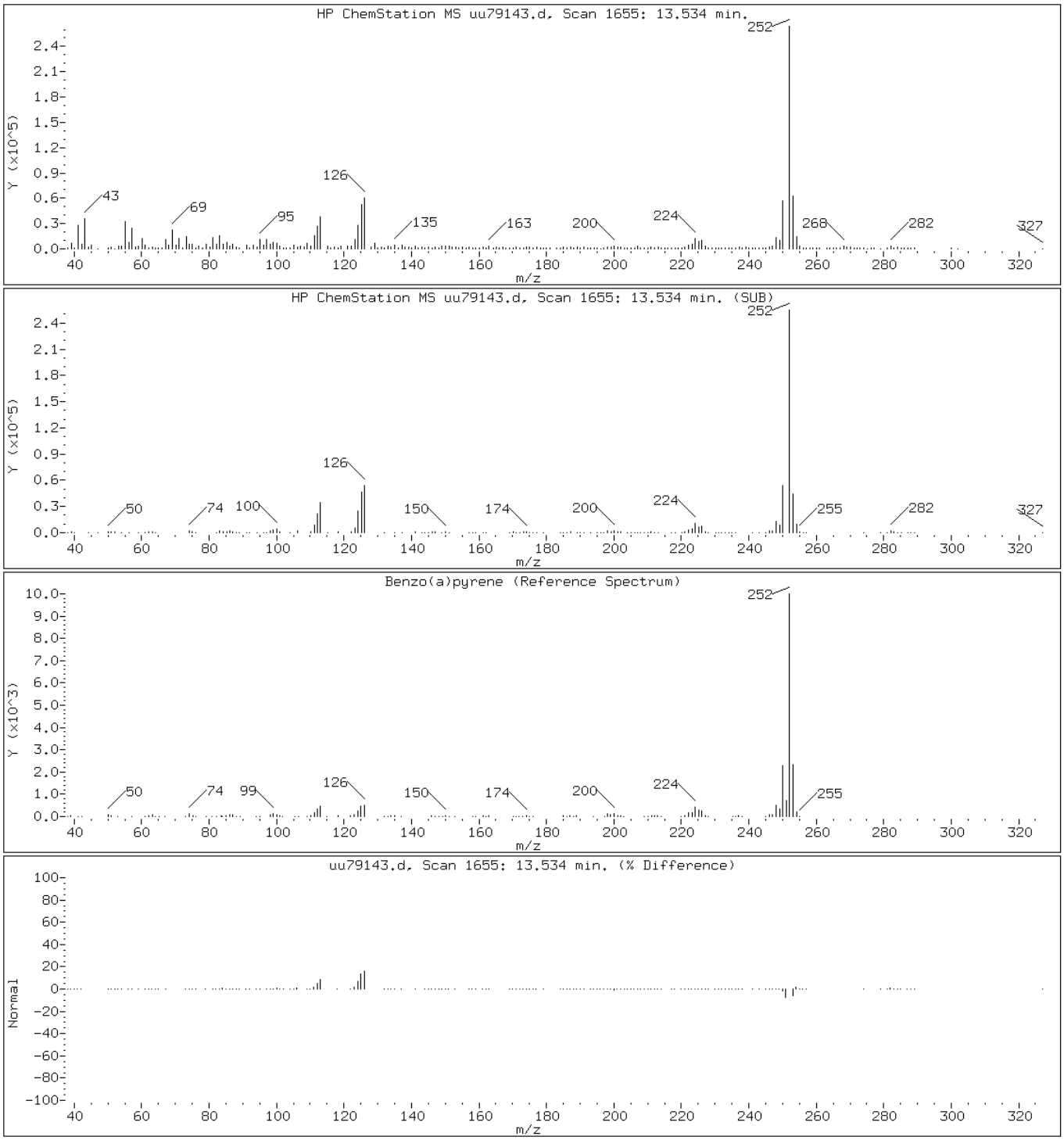
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

67 Benzo(a)pyrene



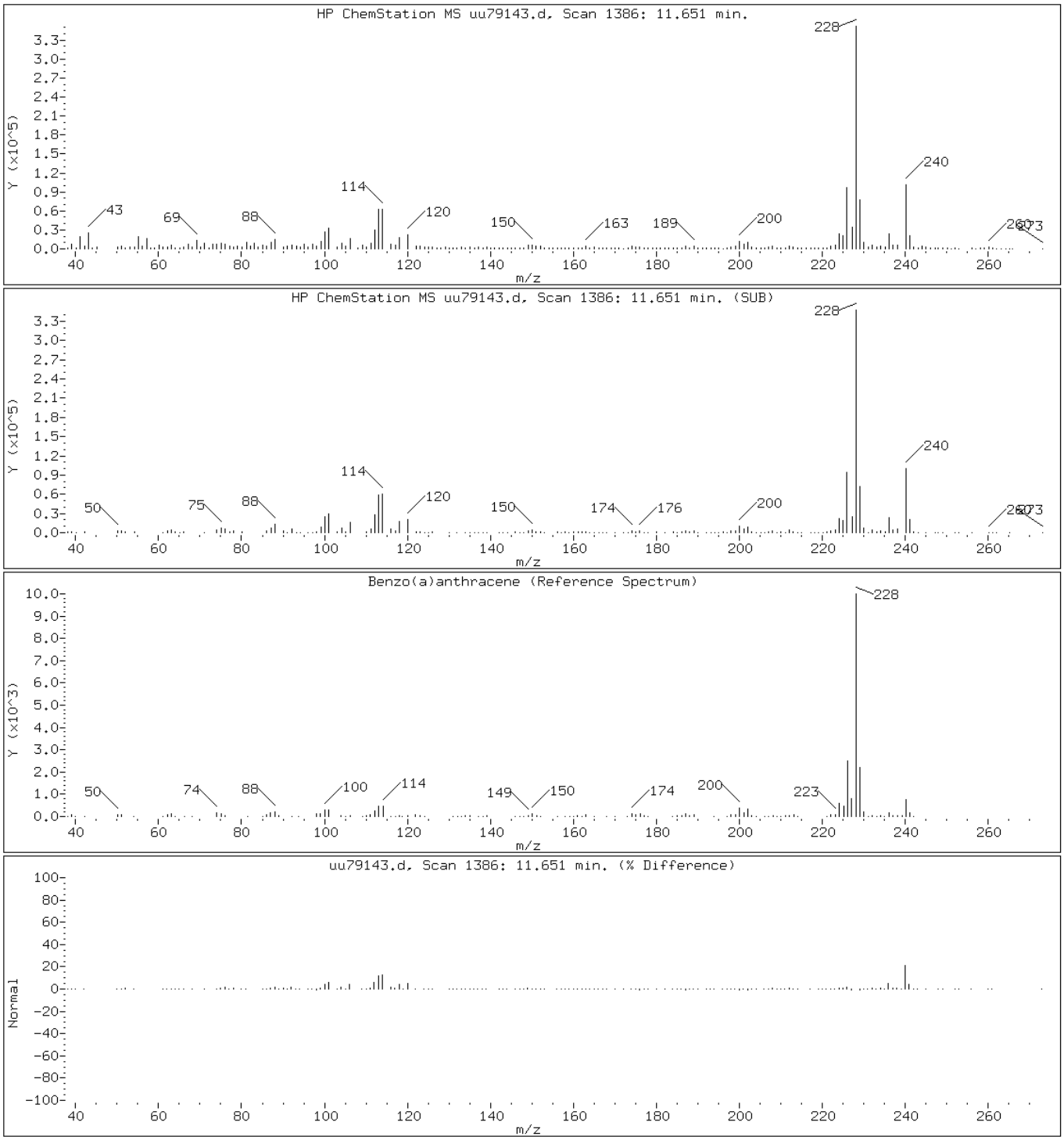
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

61 Benzo(a)anthracene



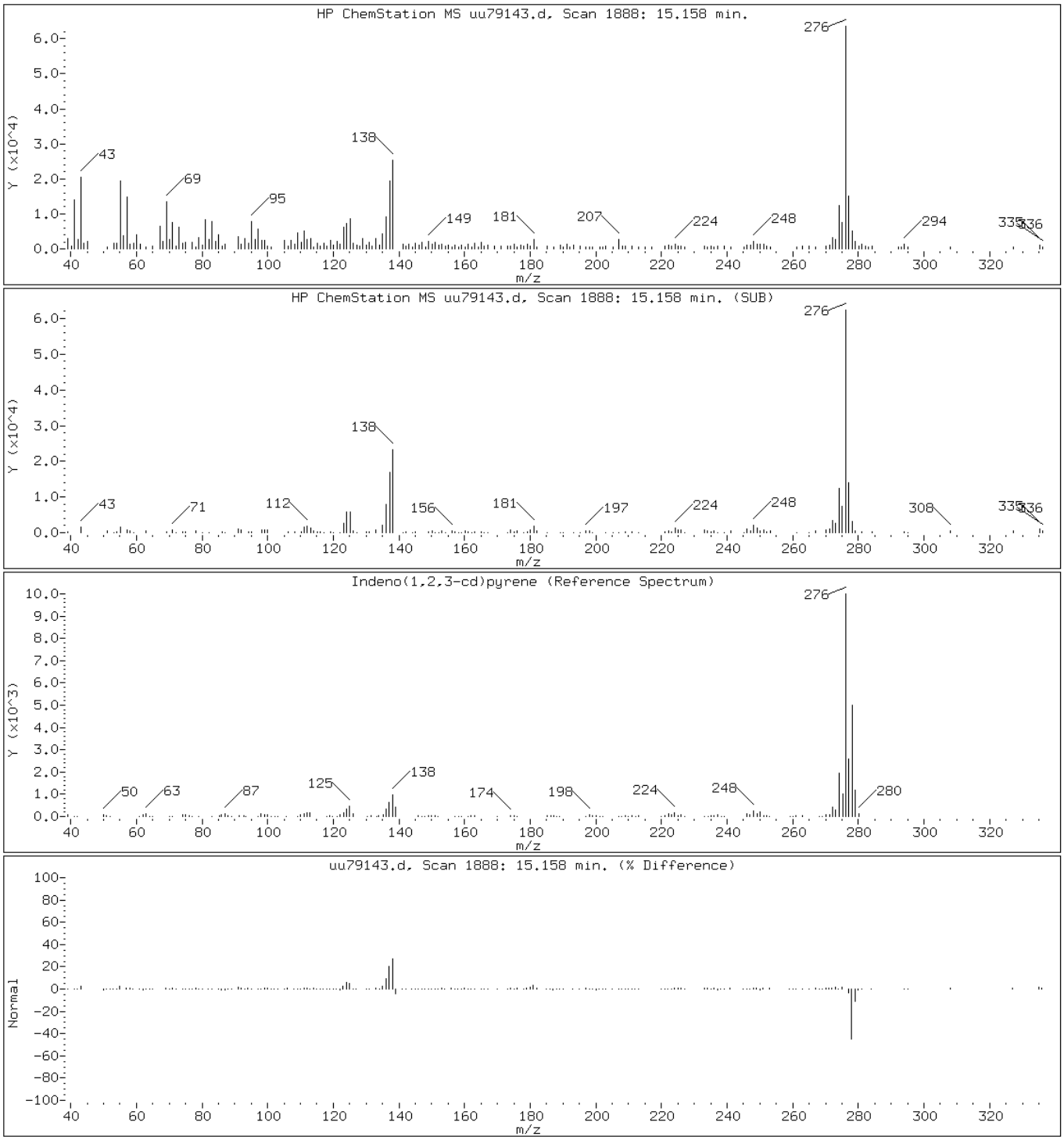
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



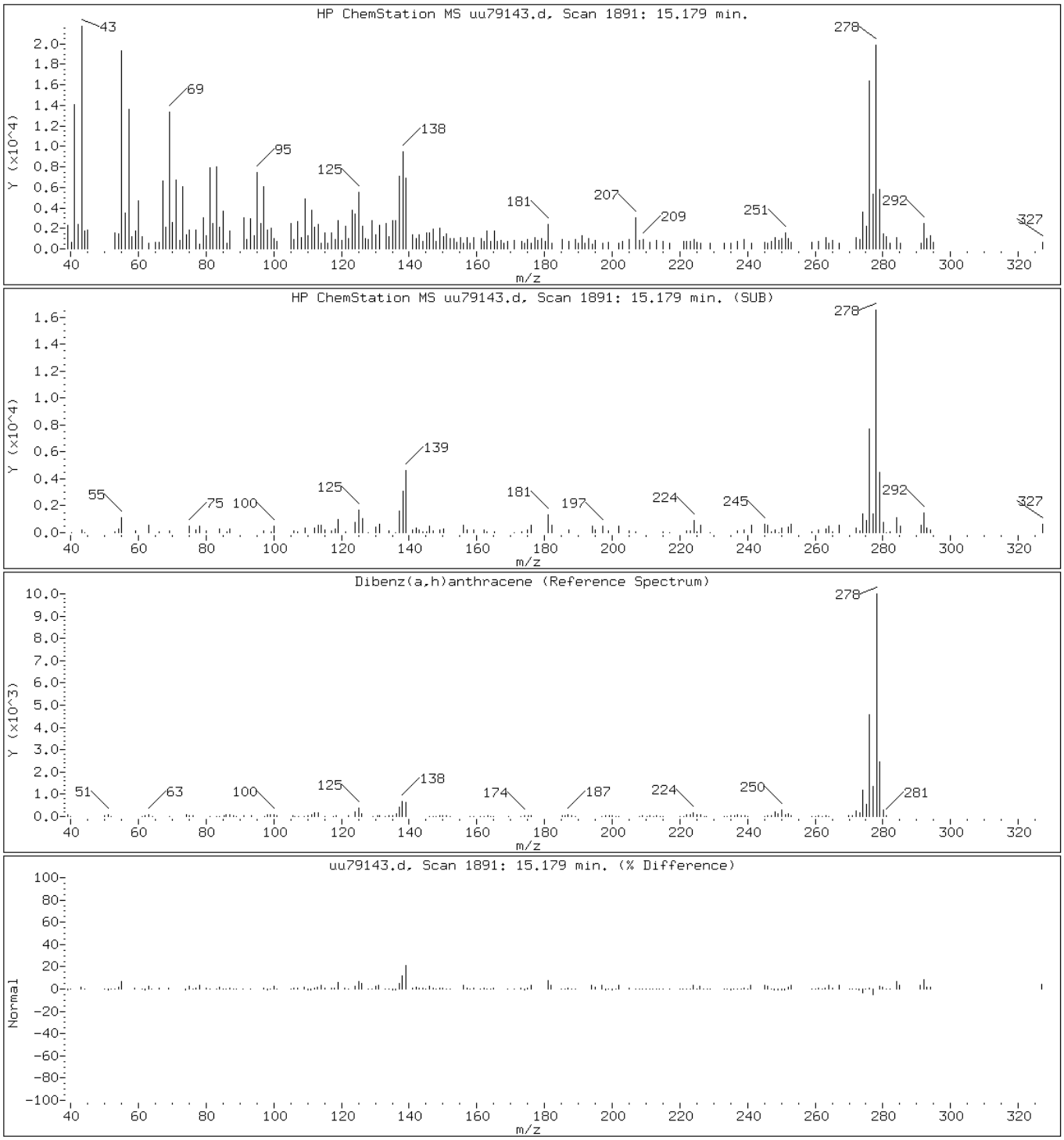
Data File: uu79143.d

Date: 06-AUG-2012 21:28

Client ID: 20120731SB-397V0-2N Instrument: BNAMS4.i

Sample Info: 460-42971-E-3-F Operator: BNAMS 4

69 Dibenz(a,h)anthracene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V5-6N | Lab Sample ID: 460-42971-6

Matrix: Solid | Lab File ID: x29034.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/08/2012 00:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	J	2300	300
95-57-8	2-Chlorophenol	300	U	2300	300
95-48-7	2-Methylphenol	390	U	2300	390
106-44-5	4-Methylphenol	450	U	2300	450
100-52-7	Benzaldehyde	270	U	2300	270
98-86-2	Acetophenone	350	U	2300	350
111-44-4	Bis(2-chloroethyl)ether	31	U	230	31
108-60-1	2,2'-oxybis[1-chloropropane]	250	U	2300	250
621-64-7	N-Nitrosodi-n-propylamine	38	U	230	38
98-95-3	Nitrobenzene	32	U	230	32
67-72-1	Hexachloroethane	25	U	230	25
78-59-1	Isophorone	280	U	2300	280
88-75-5	2-Nitrophenol	250	U	2300	250
105-67-9	2,4-Dimethylphenol	560	U	2300	560
120-83-2	2,4-Dichlorophenol	330	U	2300	330
111-91-1	Bis(2-chloroethoxy)methane	290	U	2300	290
91-20-3	Naphthalene	1100	J	2300	260
106-47-8	4-Chloroaniline	600	U	2300	600
87-68-3	Hexachlorobutadiene	55	U	460	55
105-60-2	Caprolactam	520	U	2300	520
59-50-7	4-Chloro-3-methylphenol	340	U	2300	340
91-57-6	2-Methylnaphthalene	1200	J	2300	290
118-74-1	Hexachlorobenzene	31	U	230	31
77-47-4	Hexachlorocyclopentadiene	270	U	2300	270
88-06-2	2,4,6-Trichlorophenol	270	U	2300	270
95-95-4	2,4,5-Trichlorophenol	290	U	2300	290
92-52-4	Diphenyl	300	U	2300	300
91-58-7	2-Chloronaphthalene	250	U	2300	250
88-74-4	2-Nitroaniline	950	U	4600	950
606-20-2	2,6-Dinitrotoluene	68	U	460	68
131-11-3	Dimethyl phthalate	270	U	2300	270
208-96-8	Acenaphthylene	270	U	2300	270
99-09-2	3-Nitroaniline	800	U	4600	800
83-32-9	Acenaphthene	920	J	2300	330

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V5-6N | Lab Sample ID: 460-42971-6

Matrix: Solid | Lab File ID: x29034.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/08/2012 00:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1500	U	6900	1500
51-28-5	2,4-Dinitrophenol	1300	U	6900	1300
132-64-9	Dibenzofuran	850	J	2300	270
84-66-2	Diethyl phthalate	270	U	2300	270
86-73-7	Fluorene	1300	J	2300	290
206-44-0	Fluoranthene	2300		2300	300
84-74-2	Di-n-butyl phthalate	280	U	2300	280
121-14-2	2,4-Dinitrotoluene	75	U	460	75
7005-72-3	4-Chlorophenyl phenyl ether	270	U	2300	270
100-01-6	4-Nitroaniline	710	U	4600	710
534-52-1	4,6-Dinitro-2-methylphenol	620	U	6900	620
101-55-3	4-Bromophenyl phenyl ether	230	U	2300	230
1912-24-9	Atrazine	350	U	2300	350
120-12-7	Anthracene	750	J	2300	280
86-74-8	Carbazole	270	U	2300	270
85-01-8	Phenanthrene	4200		2300	290
87-86-5	Pentachlorophenol	680	U	6900	680
129-00-0	Pyrene	2000	J	2300	190
218-01-9	Chrysene	1000	J	2300	270
207-08-9	Benzo[k]fluoranthene	280		230	17
191-24-2	Benzo[g,h,i]perylene	450	J	2300	170
205-99-2	Benzo[b]fluoranthene	670		230	14
50-32-8	Benzo[a]pyrene	550		230	16
56-55-3	Benzo[a]anthracene	840		230	16
86-30-6	N-Nitrosodiphenylamine	220	U	2300	220
85-68-7	Butyl benzyl phthalate	210	U	2300	210
117-81-7	Bis(2-ethylhexyl) phthalate	34000		2300	760
117-84-0	Di-n-octyl phthalate	140	U	2300	140
193-39-5	Indeno[1,2,3-cd]pyrene	480		230	42
53-70-3	Dibenz(a,h)anthracene	130	J	230	29
91-94-1	3,3'-Dichlorobenzidine	800	U	4600	800
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U *	2300	310
58-90-2	2,3,4,6-Tetrachlorophenol	300	U	2300	300

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V5-6N | Lab Sample ID: 460-42971-6

Matrix: Solid | Lab File ID: x29034.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/08/2012 00:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	41		38-105
4165-62-2	Phenol-d5	51		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	38		10-120
367-12-4	2-Fluorophenol	38		37-125
321-60-8	2-Fluorobiphenyl	57		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29034.d
Report Date: 10-Aug-2012 02:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29034.d
Lab Smp Id: 460-42971-E-6-C Client Smp ID: 20120731SB-397V5-6N
Inj Date : 08-AUG-2012 00:51
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-6-C
Misc Info : 460-42971-E-6-C
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/8270C_11.m
Meth Date : 08-Aug-2012 12:07 czhao Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 53
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	27.30697	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.504	2.486	(0.671)	87783	7.64859	3500
$ 17 Phenol-d5 (SUR)	99	3.403	3.409	(0.912)	129572	10.1521	4600
1 Phenol	94	3.415	3.427	(0.915)	10608	0.73673	340(a)
* 79 1,4-Dichlorobenzene-d4	152	3.733	3.739	(1.000)	334563	40.0000	
22 1,4-Dichlorobenzene	146	3.751	3.756	(1.005)	4781	0.34347	160(a)
23 1,2-Dichlorobenzene	146	3.909	3.909	(1.047)	6108	0.47393	220(aH)
$ 76 Nitrobenzene-d5 (SUR)	82	4.303	4.315	(0.856)	46455	4.14605	1900(a)
6 2,4-Dimethylphenol	122	4.733	4.733	(0.941)	2554	0.27837	130(a)
30 1,2,4-Trichlorobenzene	180	4.980	4.986	(0.991)	5125	0.54119	250
* 80 Naphthalene-d8	136	5.027	5.033	(1.000)	1153980	40.0000	
31 Naphthalene	128	5.050	5.056	(1.005)	75633	2.47844	1100(a)
34 2-Methylnaphthalene	142	5.750	5.750	(1.144)	50568	2.64873	1200(a)
120 1-Methylnaphthalene	142	5.844	5.850	(1.163)	35694	1.83162	840(a)

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29034.d
Report Date: 10-Aug-2012 02:04

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 77 2-Fluorobiphenyl (SUR)	172	6.127	6.133	(0.904)	101860	5.66386	2600
125 1,3-Dimethylnaphthalene	156	6.450	6.456	(0.951)	35159	2.75150	1300(a)
* 82 Acenaphthene-d10	164	6.780	6.786	(1.000)	492998	40.0000	
42 Acenaphthene	154	6.809	6.815	(1.004)	26532	2.00219	920(a)
43 Dibenzofuran	168	6.986	6.986	(1.030)	35987	1.86483	850(a)
47 Fluorene	166	7.321	7.321	(1.080)	43169	2.80591	1300(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.562	7.562	(1.115)	17769	7.58110	3500
* 83 Phenanthrene-d10	188	8.238	8.238	(1.000)	523588	40.0000	
52 Phenanthrene	178	8.262	8.262	(1.003)	138256	9.17322	4200
53 Anthracene	178	8.309	8.309	(1.009)	24910	1.62871	740(a)
54 Carbazole	167	8.480	8.480	(1.029)	6035	0.46886	210(a)
56 Fluoranthene	202	9.421	9.421	(1.143)	69535	5.08011	2300
57 Pyrene	202	9.638	9.638	(0.886)	61830	4.28940	2000(a)
$ 78 Terphenyl-d14	244	9.809	9.809	(0.902)	76459	7.28439	3300
61 Benzo(a)anthracene	228	10.862	10.868	(0.999)	18987	1.83038	840
* 81 Chrysene-d12	240	10.874	10.879	(1.000)	335999	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.938	10.950	(1.006)	583866	73.7206	34000(M)
62 Chrysene	228	10.903	10.909	(1.003)	21332	2.20861	1000(a)
65 Benzo(b)fluoranthene	252	12.144	12.150	(0.961)	17231	1.45547	670
66 Benzo(k)fluoranthene	252	12.173	12.185	(0.964)	7571	0.60216	280(MH)
67 Benzo(a)pyrene	252	12.556	12.556	(0.994)	11021	1.19889	550(H)
* 84 Perylene-d12	264	12.632	12.632	(1.000)	384620	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.997	14.003	(1.108)	7199	1.05486	480
69 Dibenz(a,h)anthracene	278	14.026	14.038	(1.110)	1939	0.27466	120(a)
70 Benzo(g,h,i)perylene	276	14.332	14.338	(1.135)	7179	0.97254	440(a)

QC Flag Legend

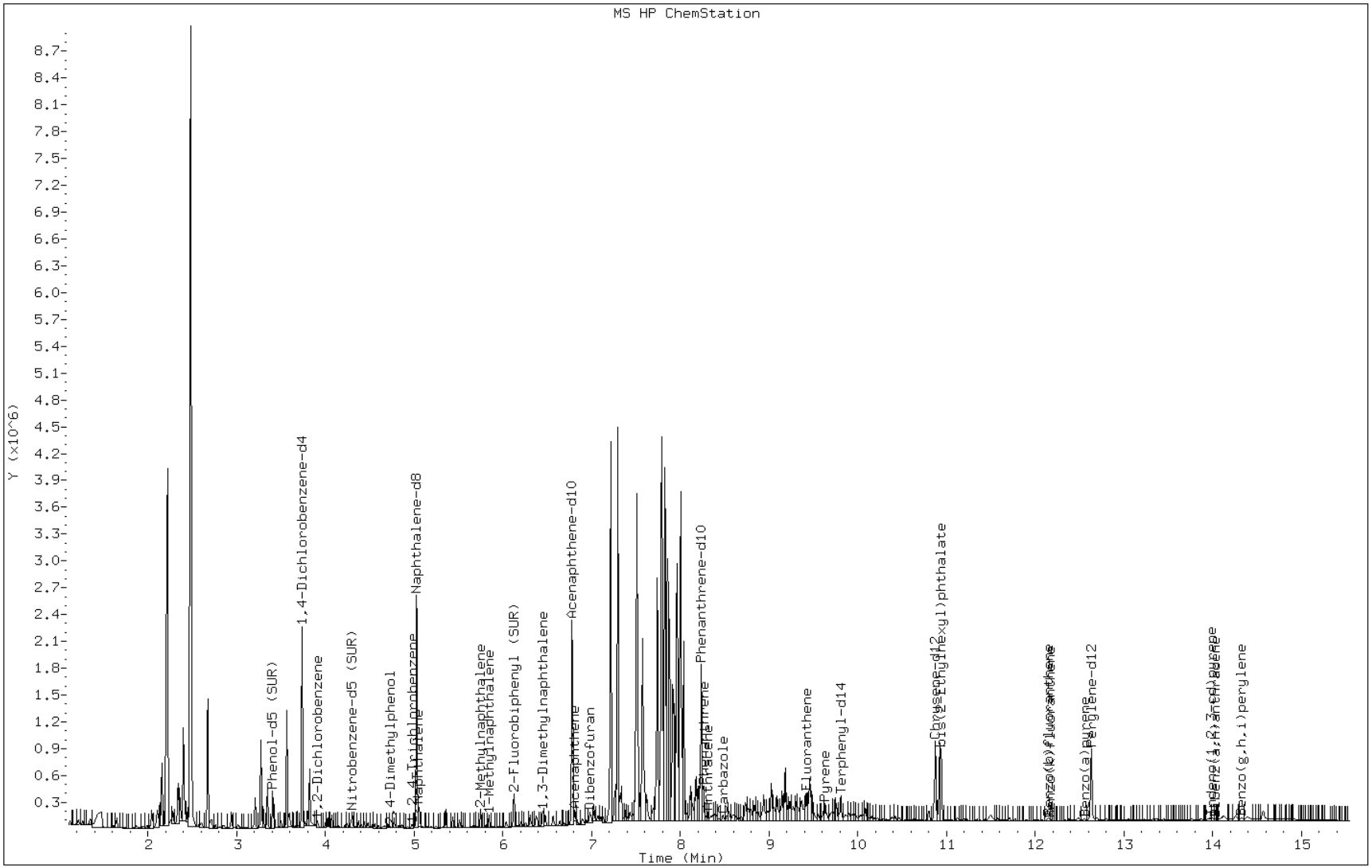
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4



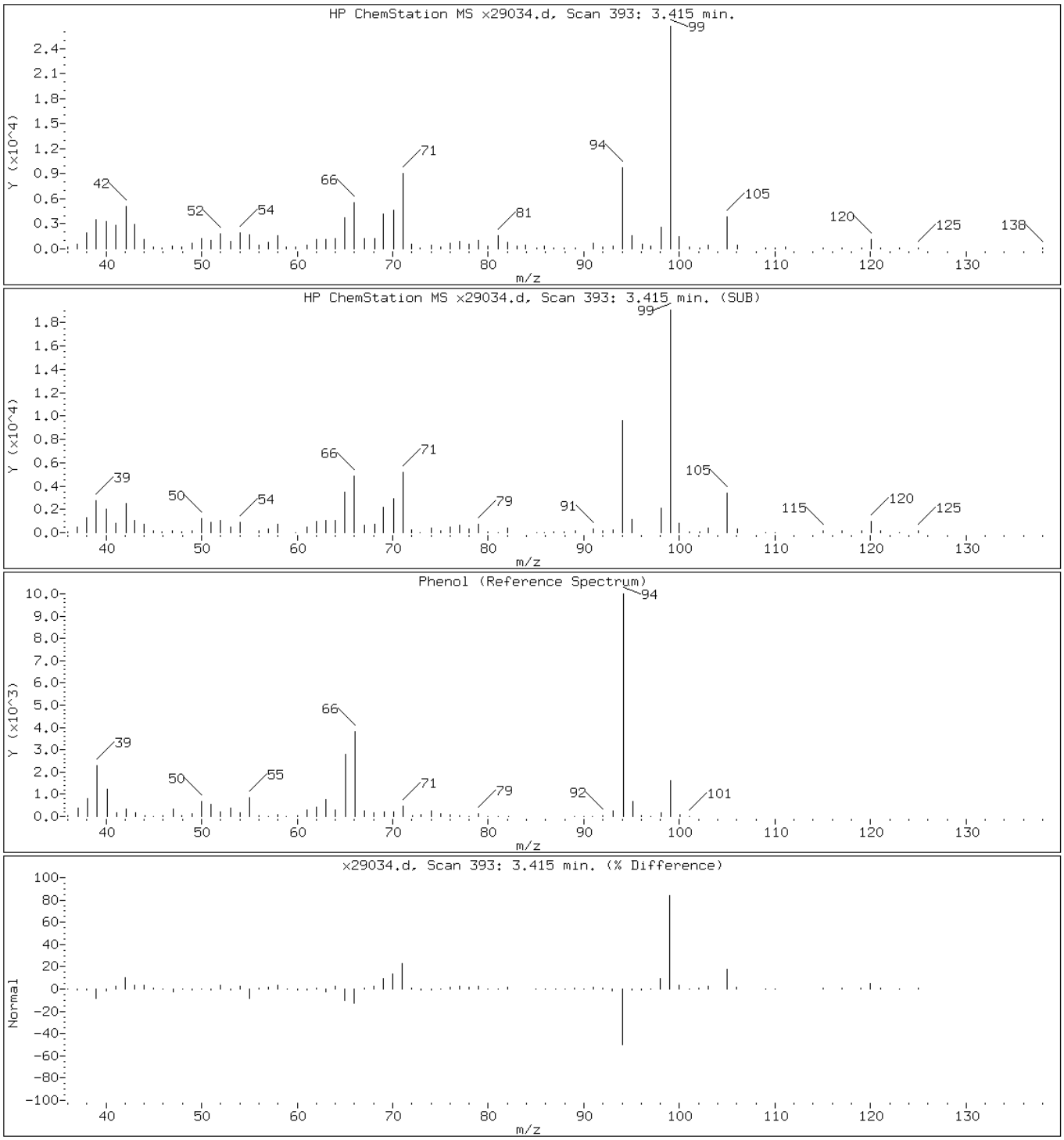
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

1 Phenol



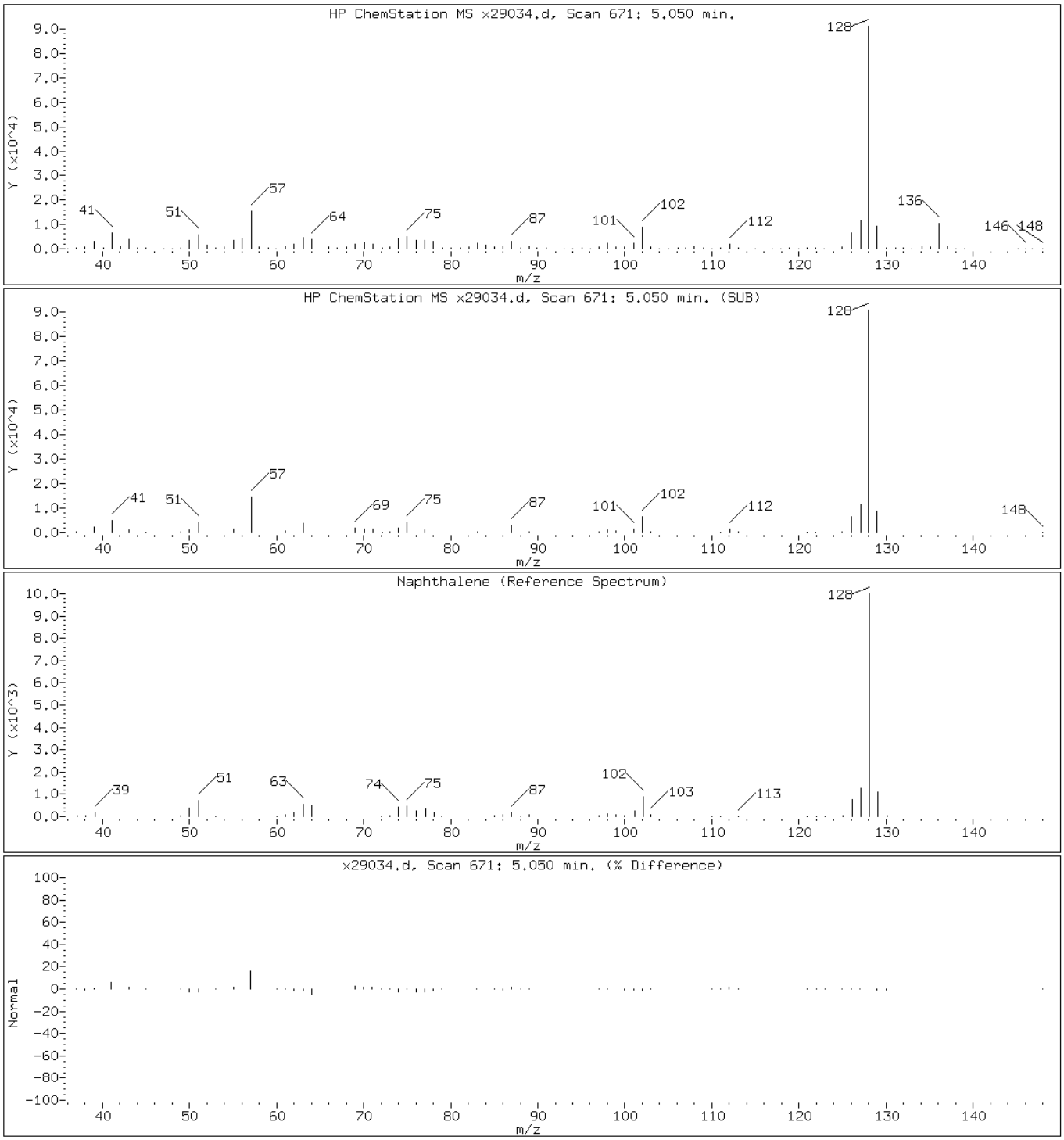
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

31 Naphthalene



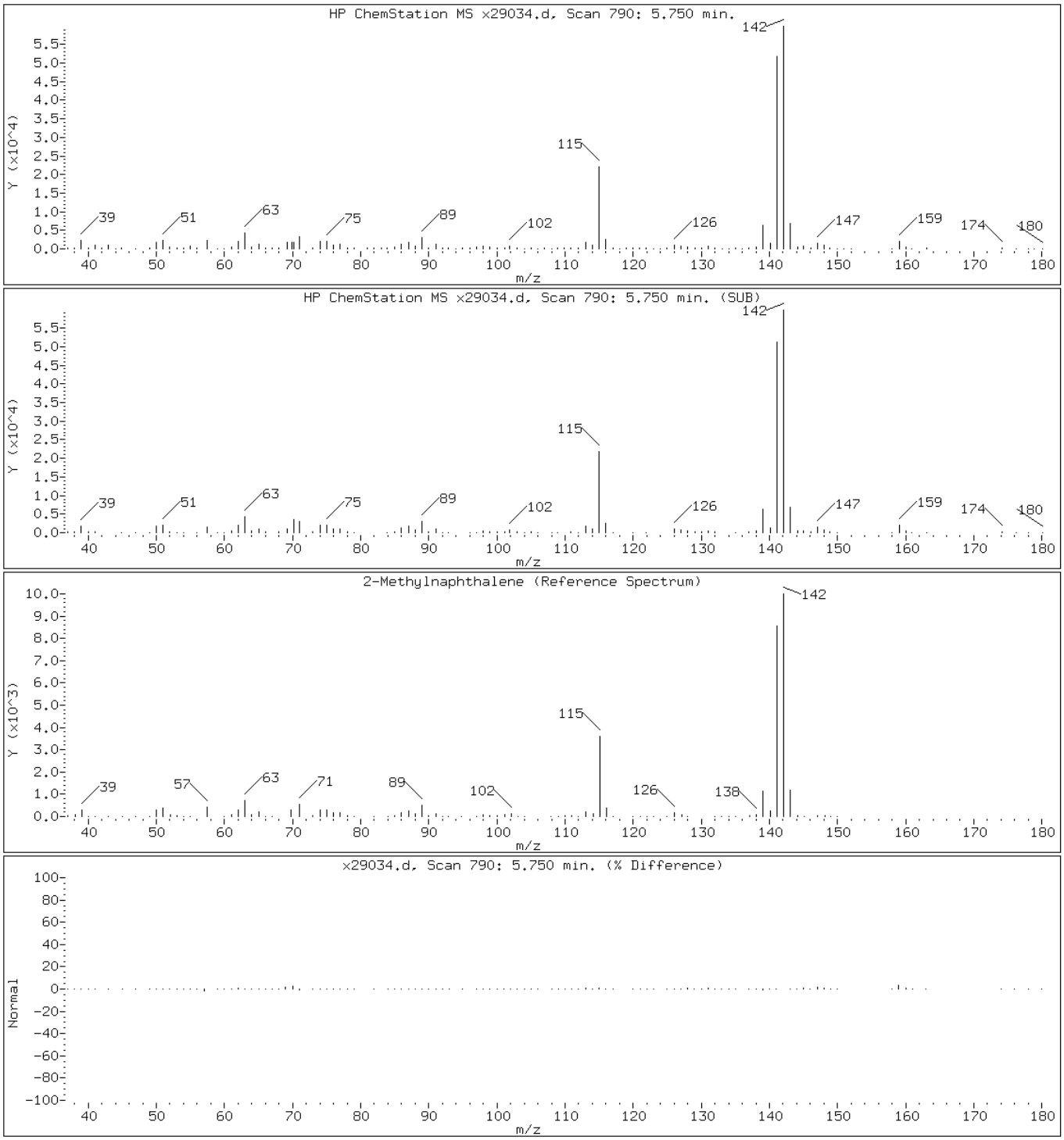
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

34 2-Methylnaphthalene



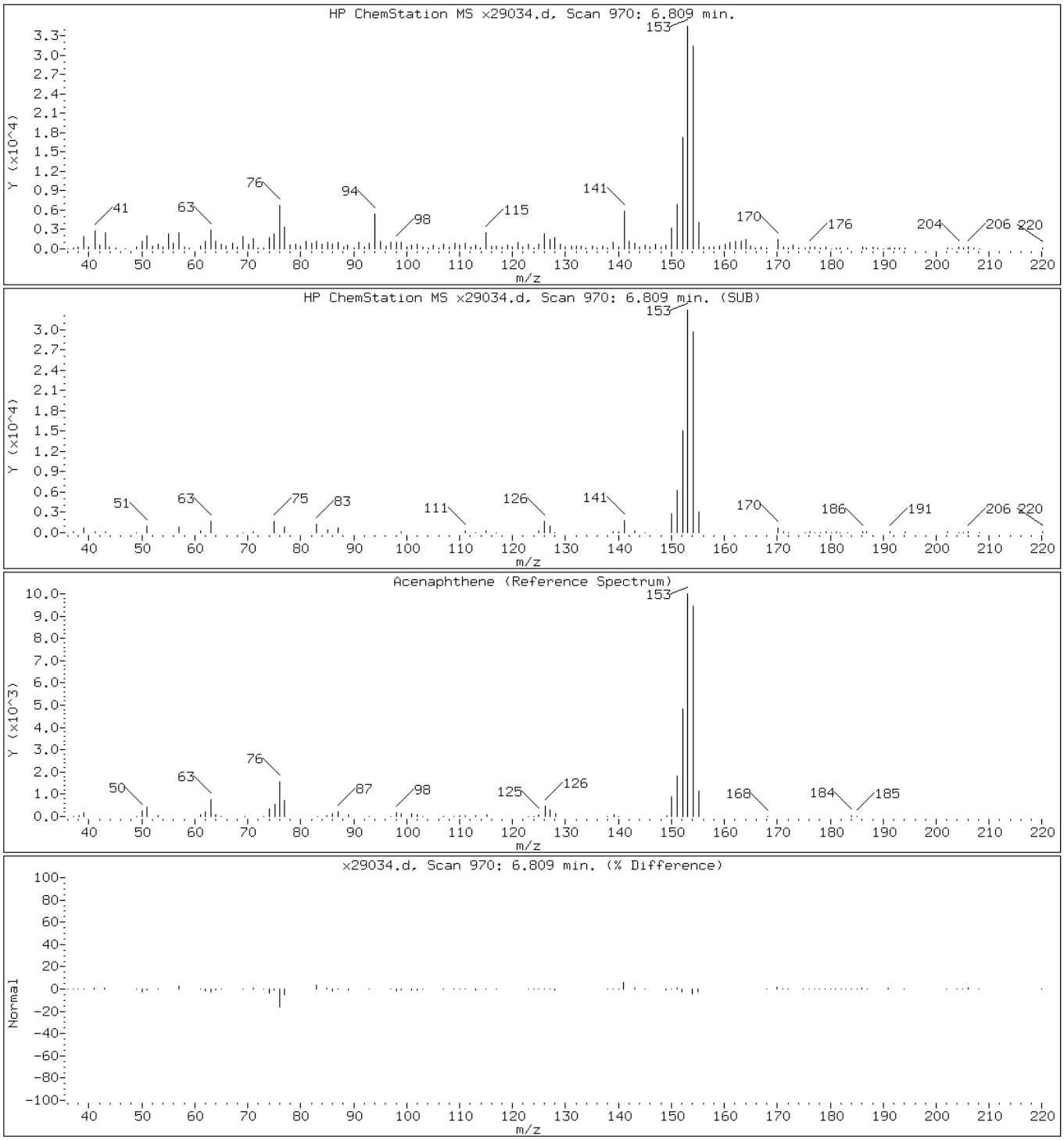
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

42 Acenaphthene



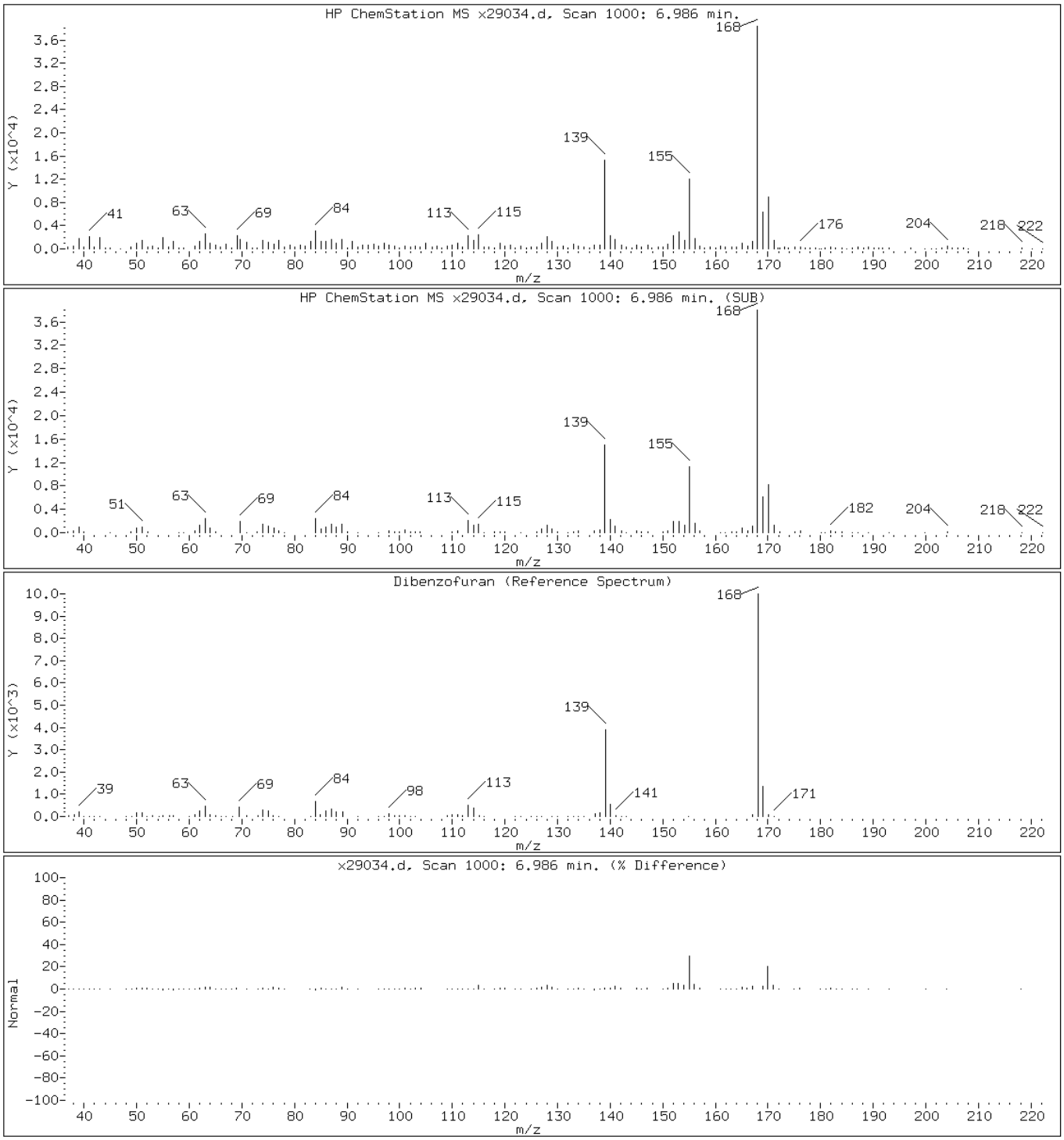
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

43 Dibenzofuran



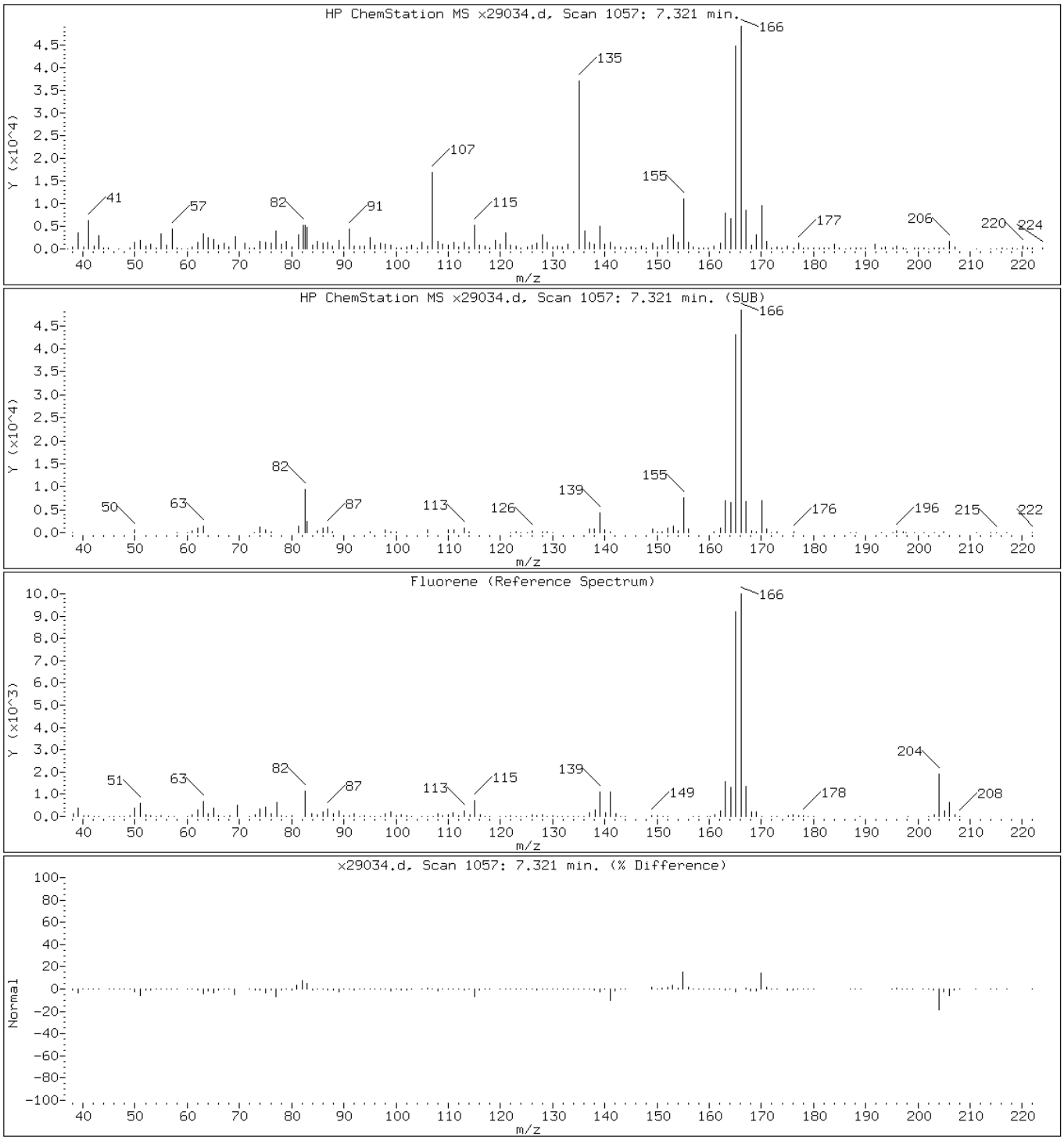
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

47 Fluorene



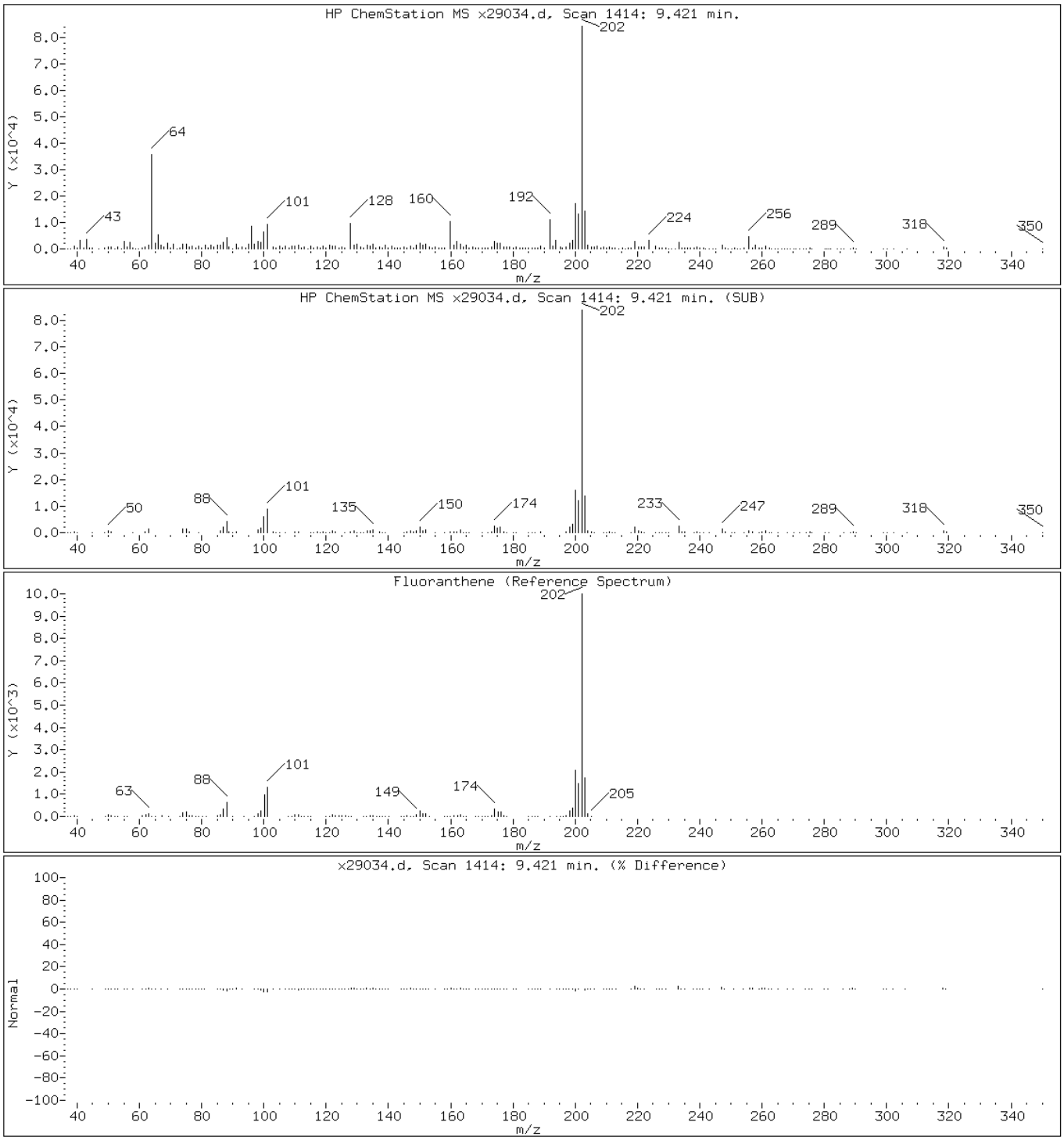
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

56 Fluoranthene



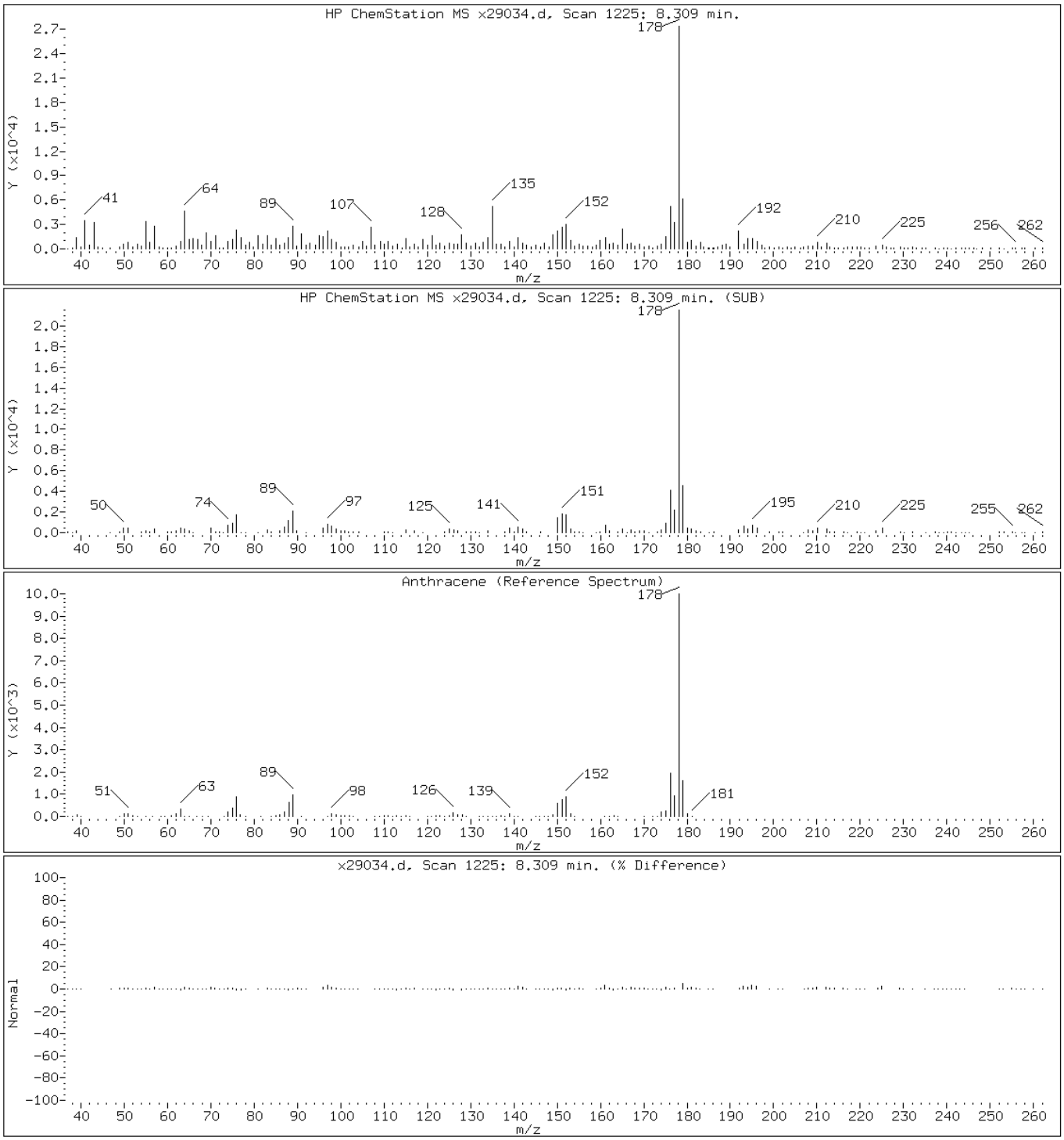
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

53 Anthracene



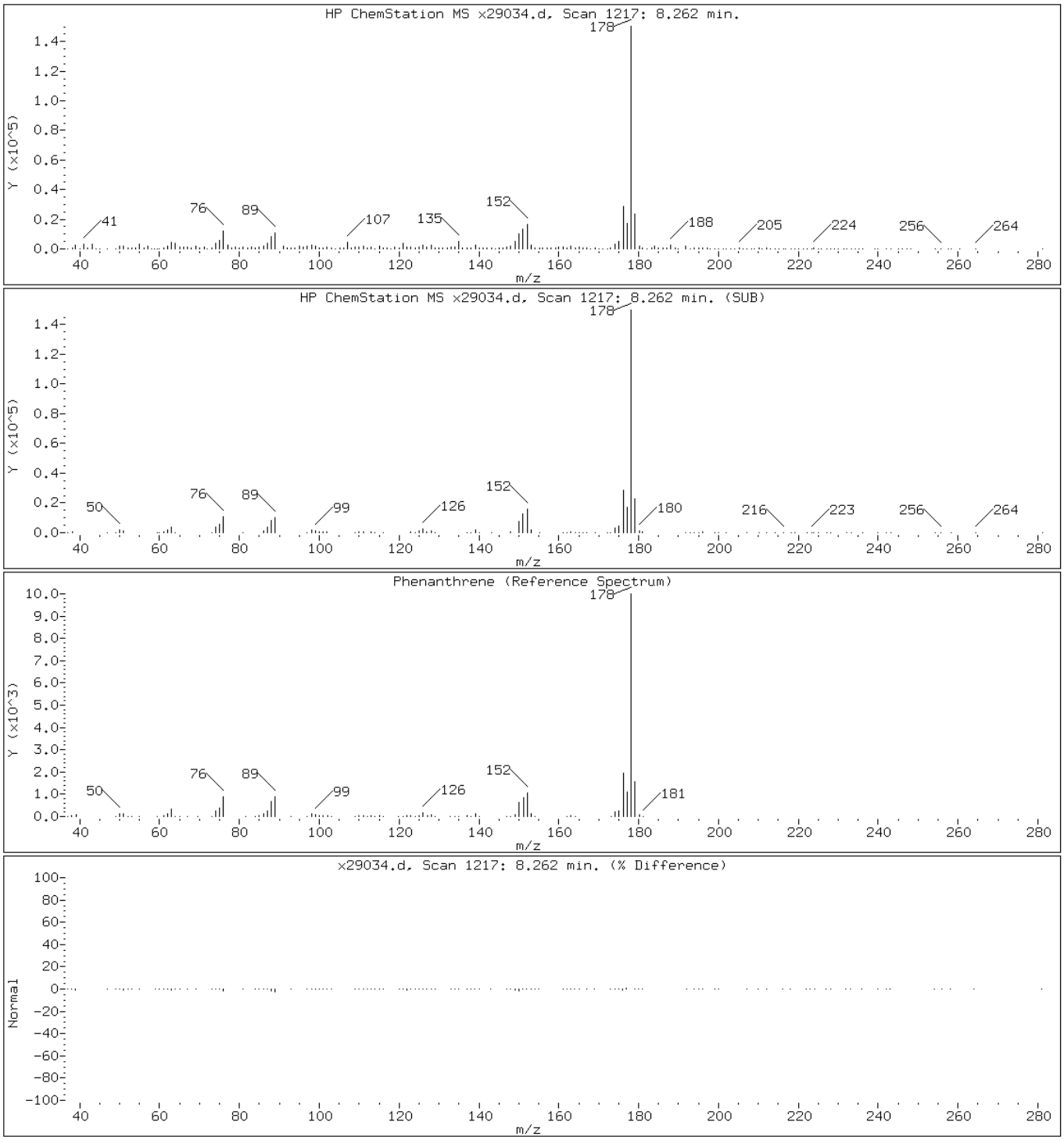
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

52 Phenanthrene



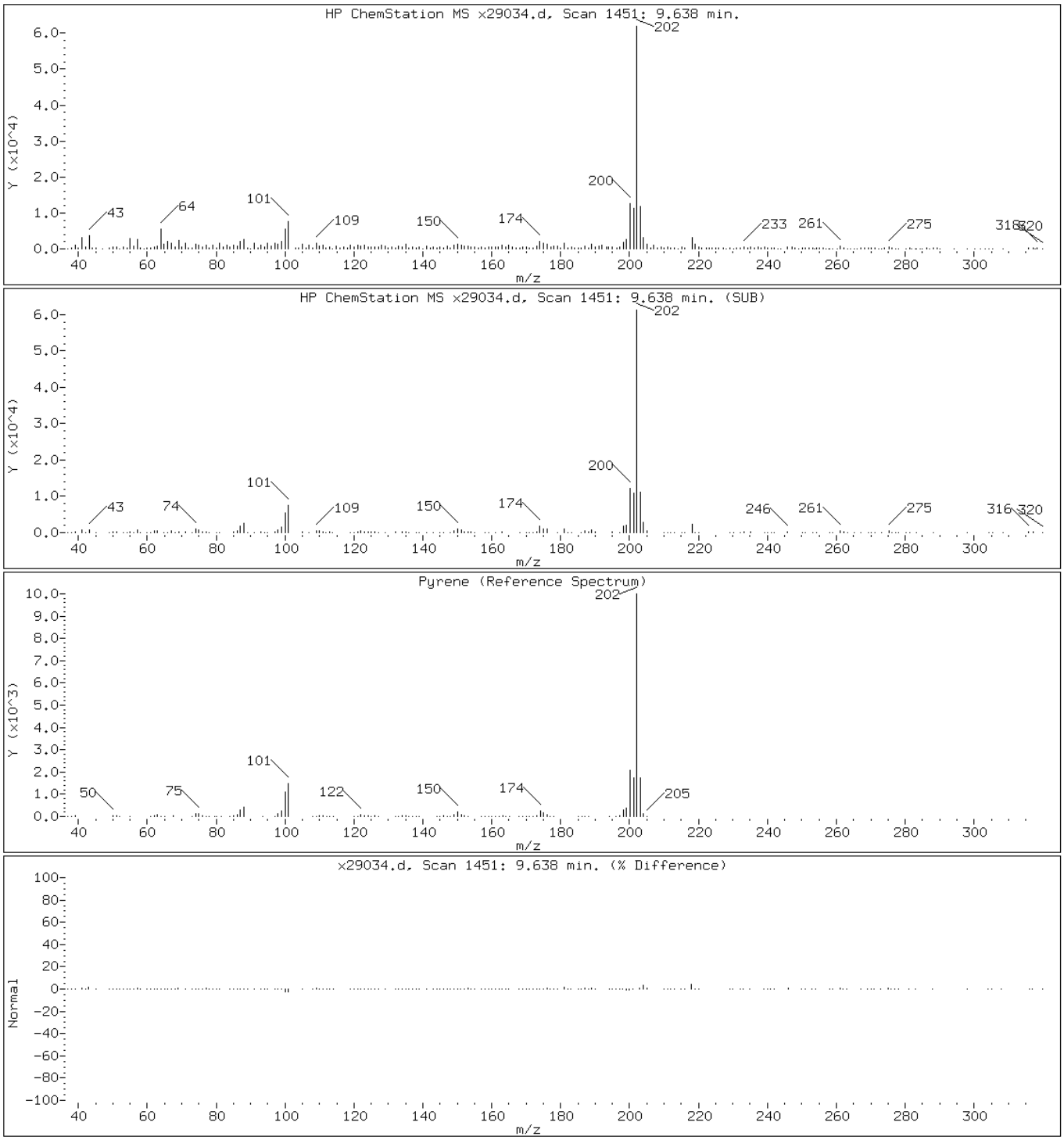
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

57 Pyrene



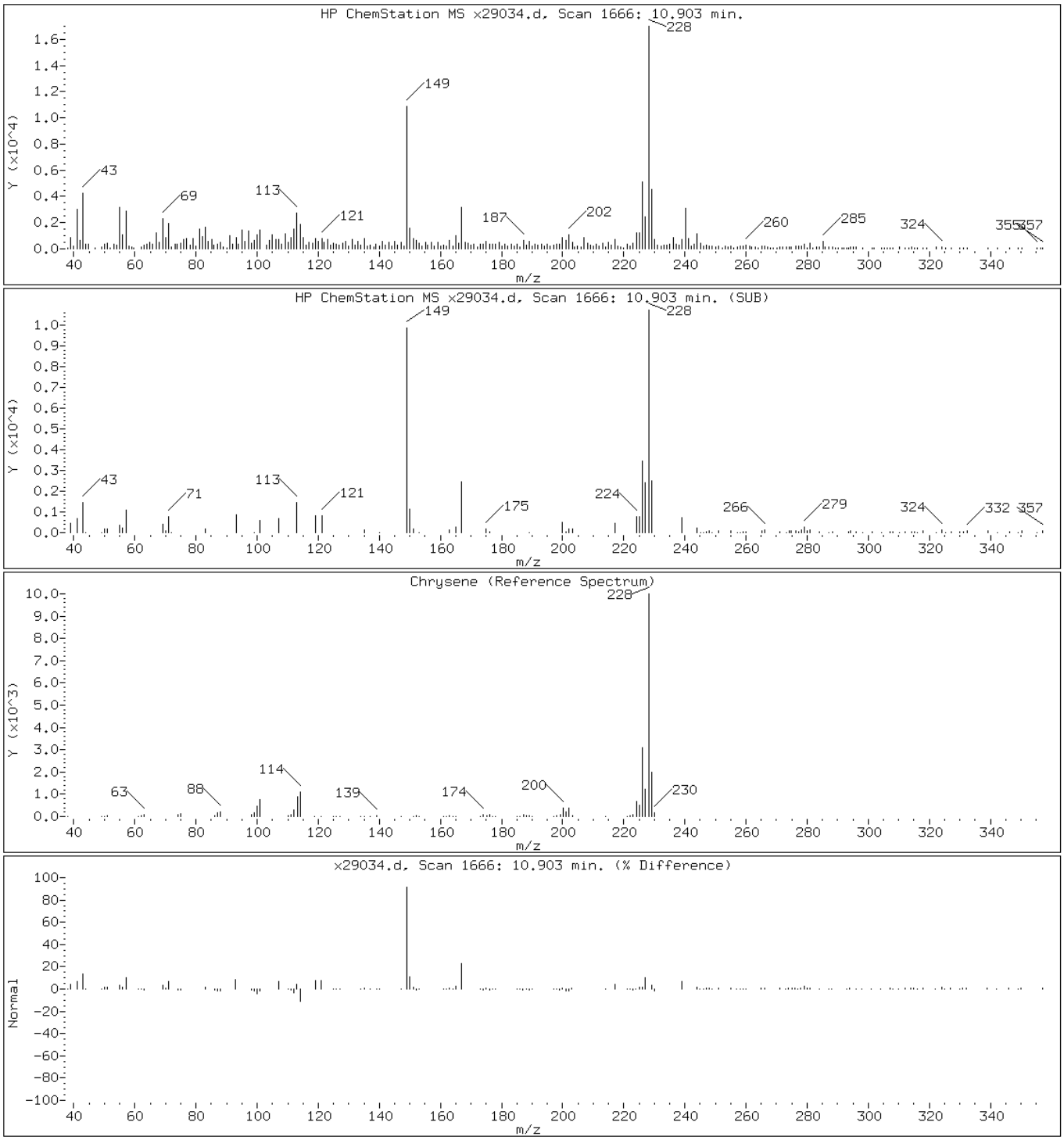
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

62 Chrysene



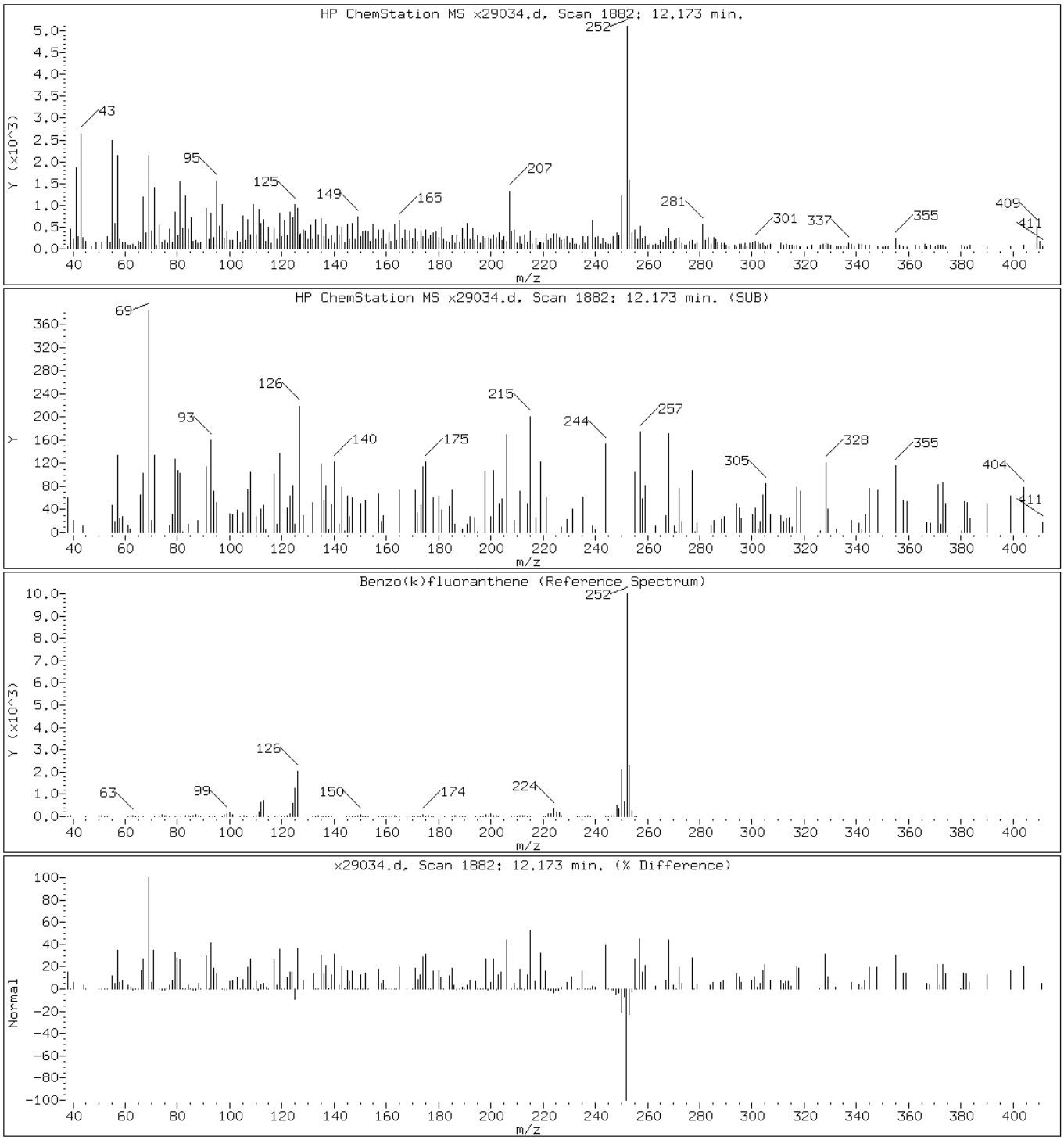
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

66 Benzo(k)fluoranthene



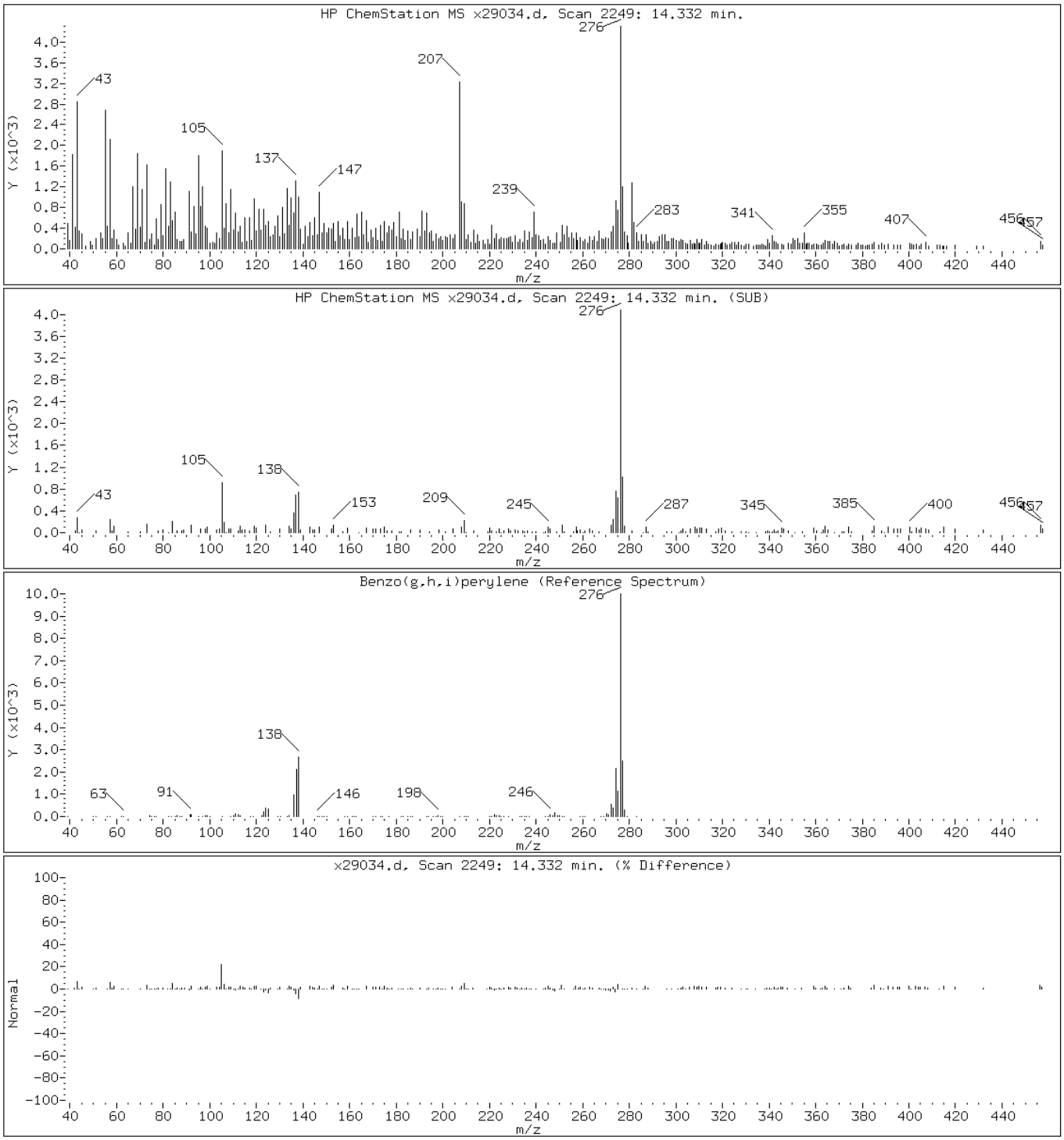
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

70 Benzo(g,h,i)perylene



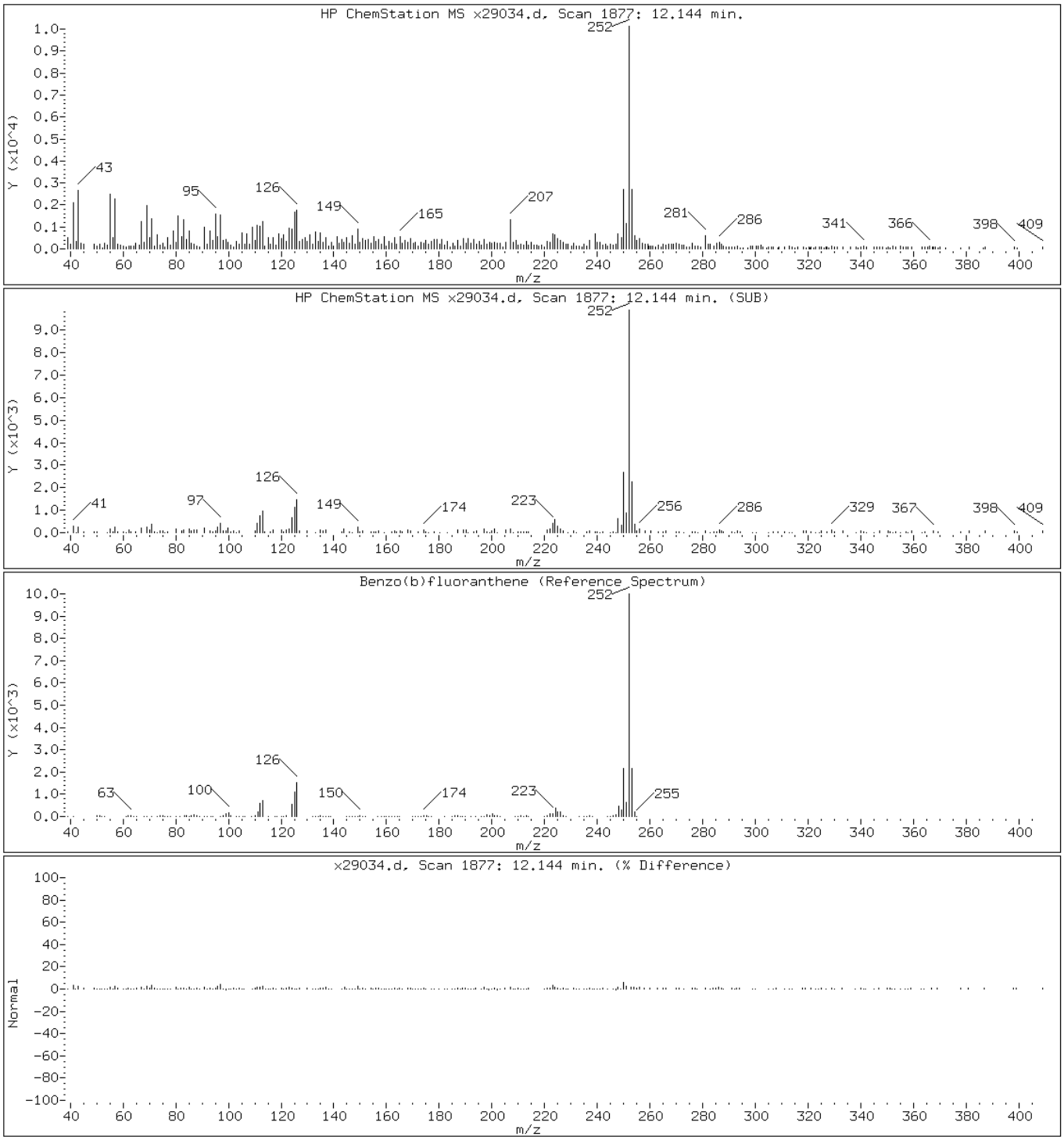
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



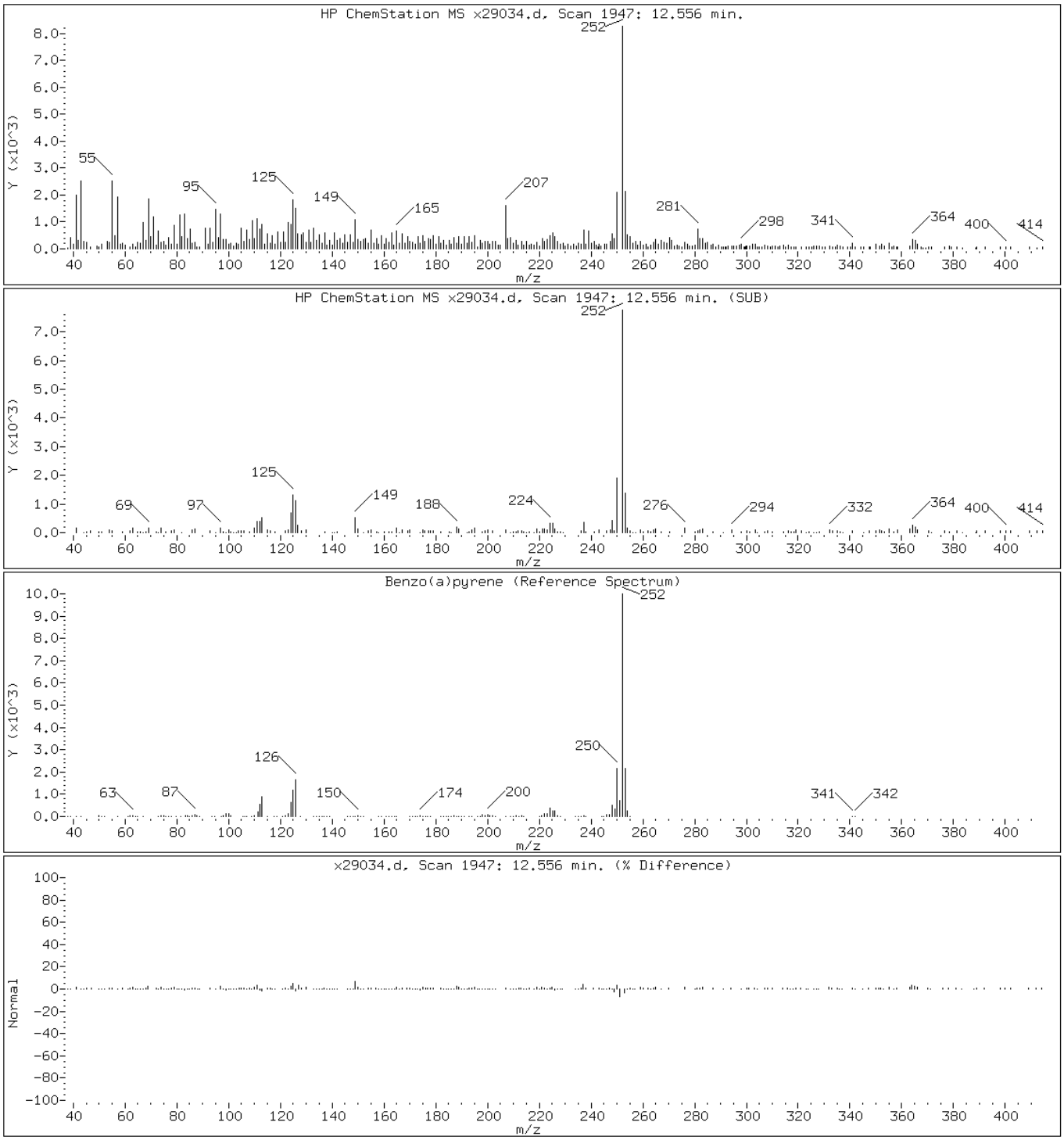
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

67 Benzo(a)pyrene



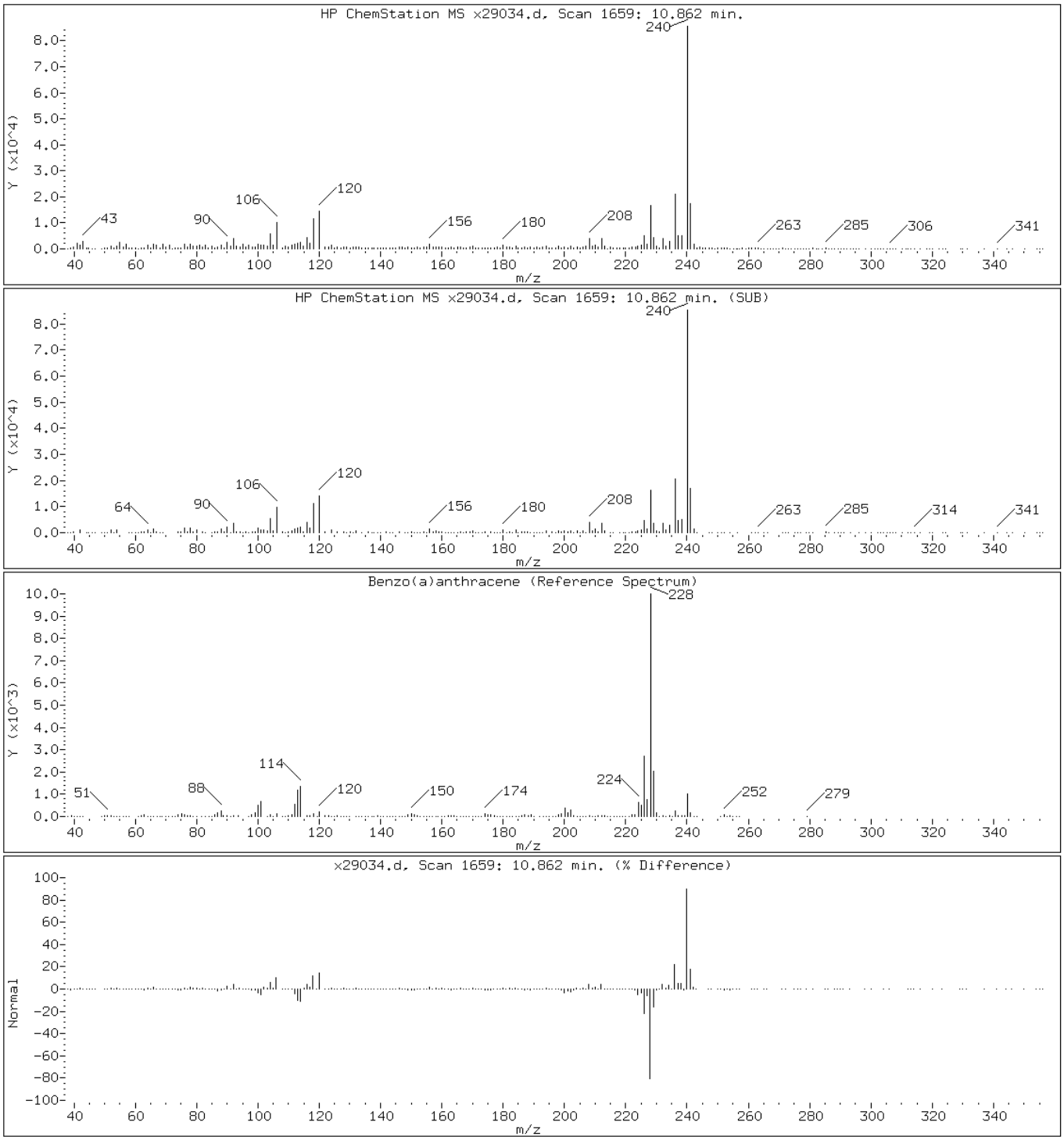
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

61 Benzo(a)anthracene



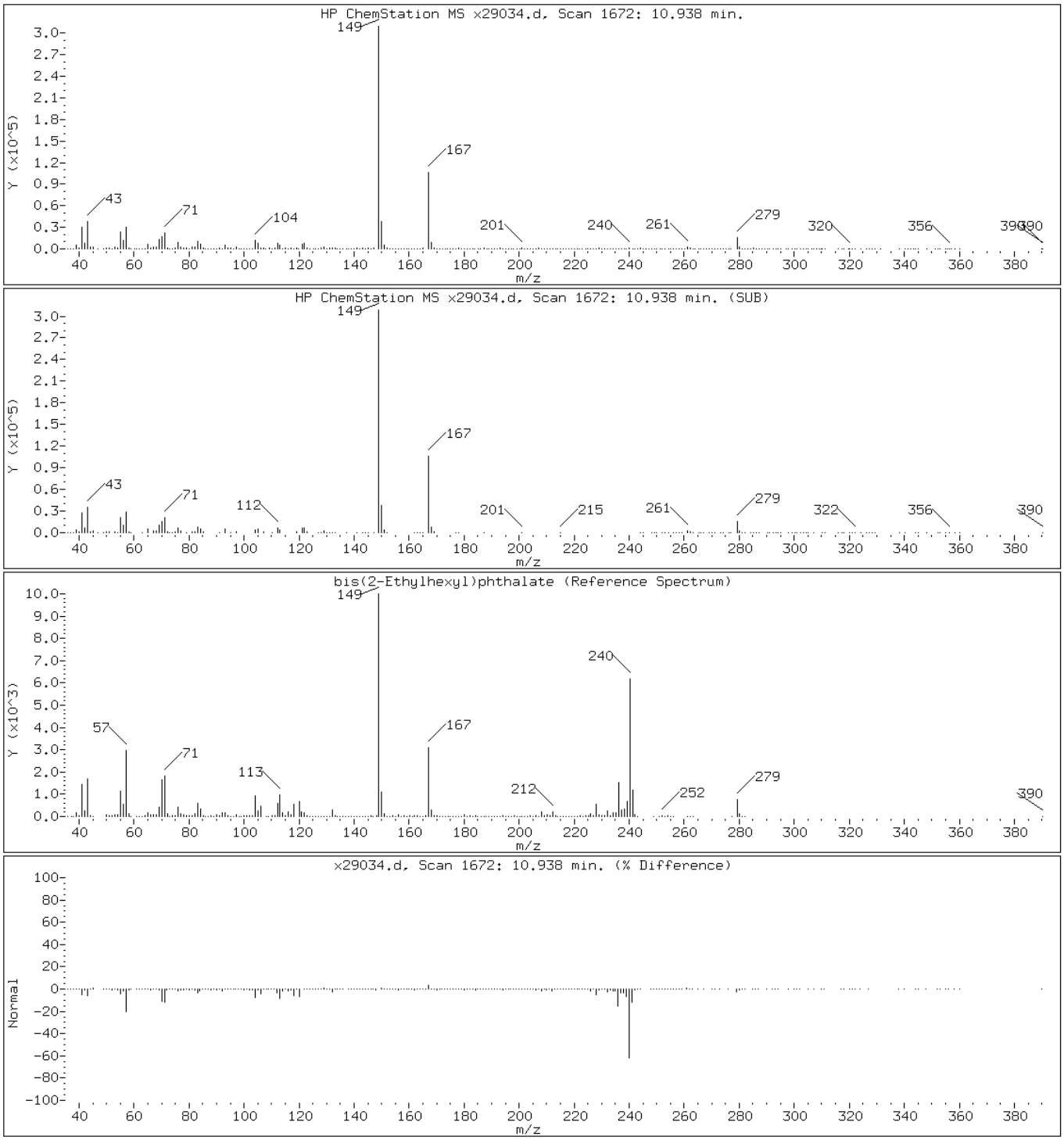
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



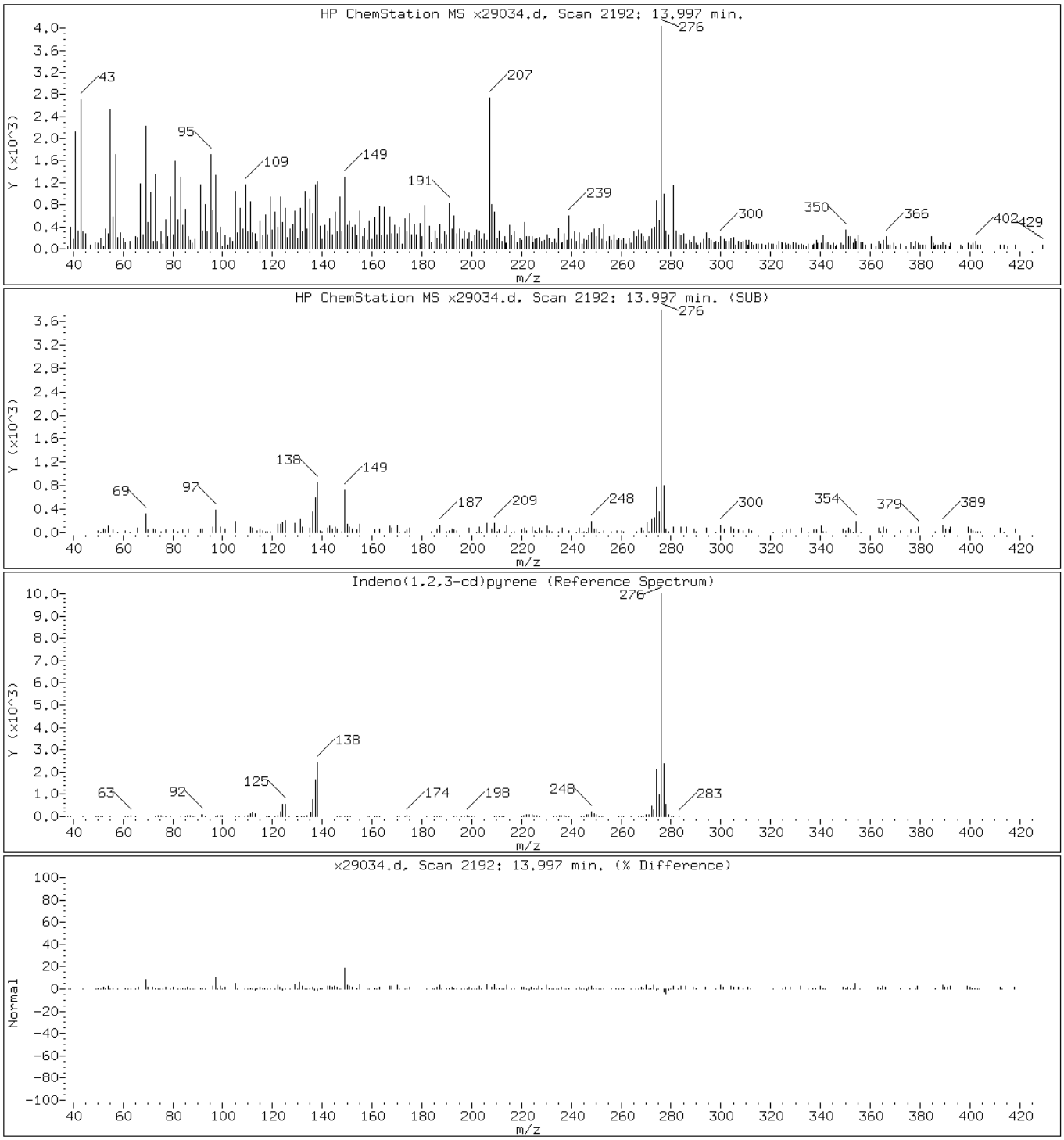
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



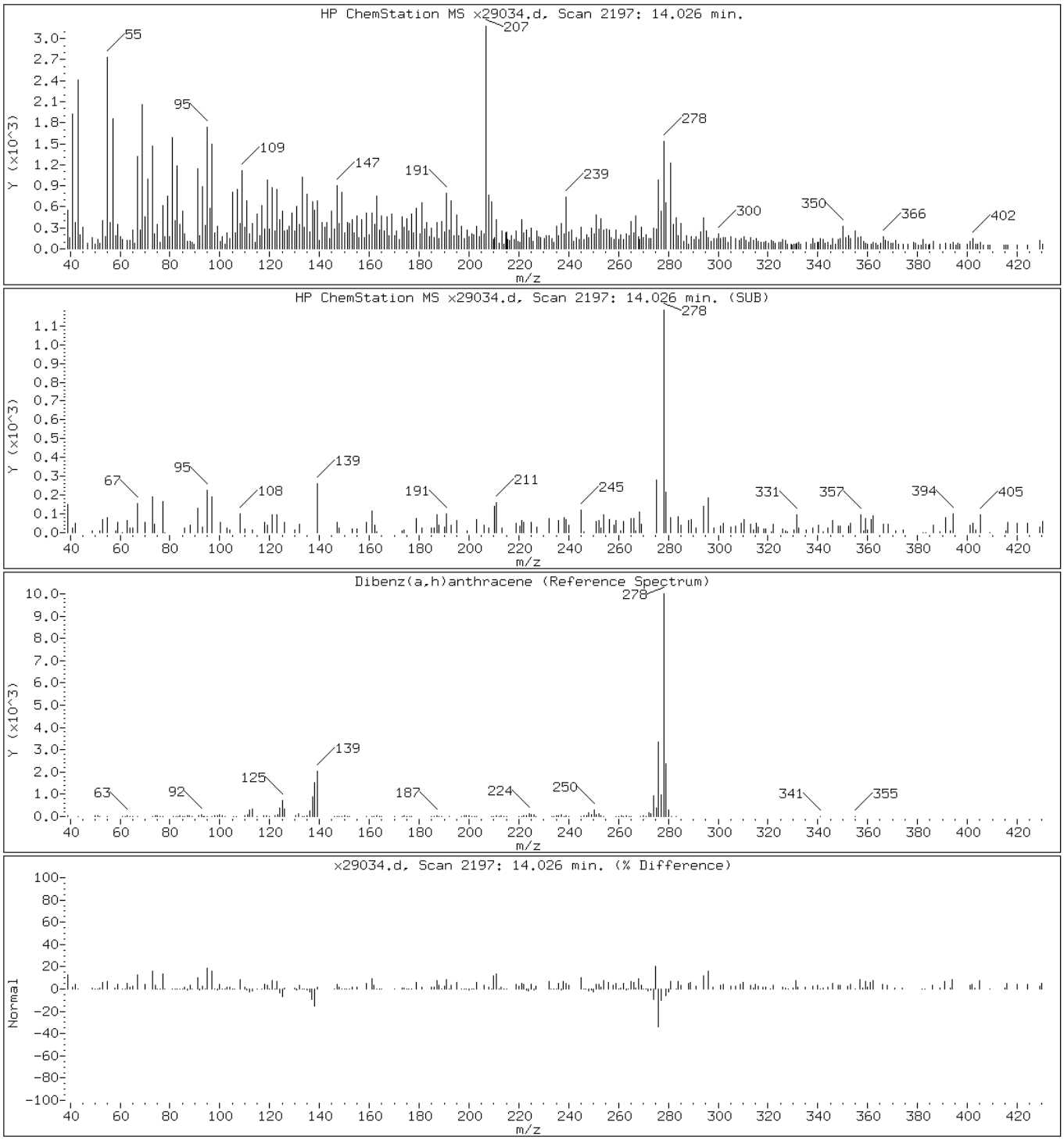
Data File: x29034.d

Date: 08-AUG-2012 00:51

Client ID: 20120731SB-397V5-6N Instrument: BNAMS5.i

Sample Info: 460-42971-E-6-C Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Manual Integration Report

Data File: x29034.d
Inj. Date and Time: 08-AUG-2012 00:51
Instrument ID: BNAMS5.i
Client ID: 20120731SB-397V5-6N
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 08/10/2012

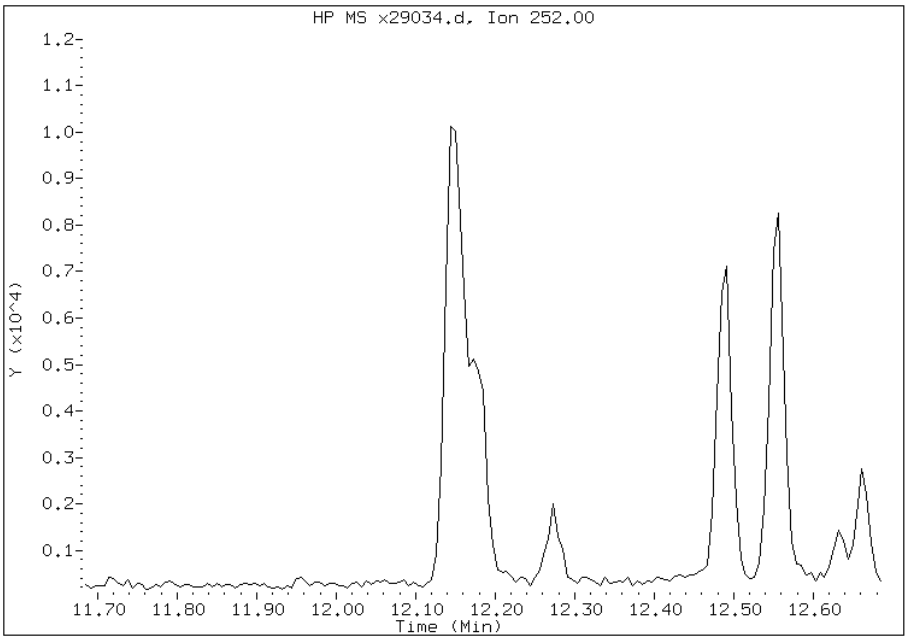
Processing Integration Results

RT: 12.66

Response: 3044

Amount: 0

Conc: 111



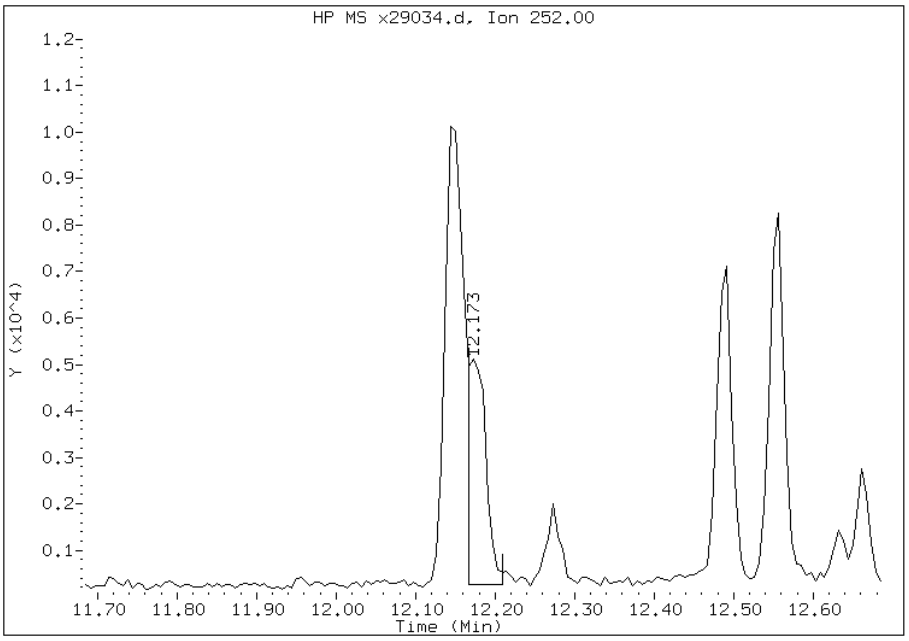
Manual Integration Results

RT: 12.17

Response: 7571

Amount: 1

Conc: 276



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x29034.d
Inj. Date and Time: 08-AUG-2012 00:51
Instrument ID: BNAMS5.i
Client ID: 20120731SB-397V5-6N
Compound: 63 bis(2-Ethylhexyl)phthalate
CAS #: 117-81-7
Report Date: 08/10/2012

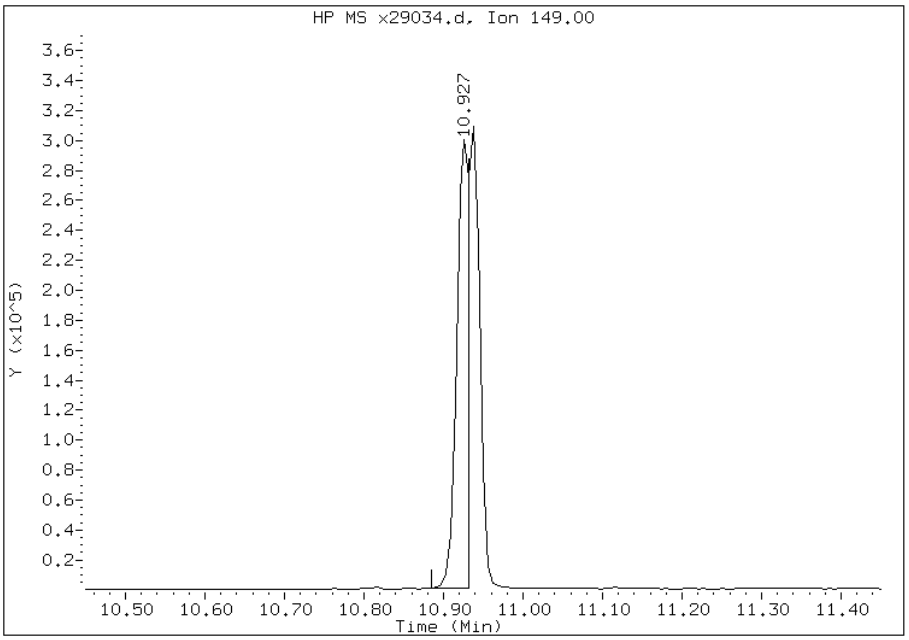
Processing Integration Results

RT: 10.93

Response: 357063

Amount: 45

Conc: 20646



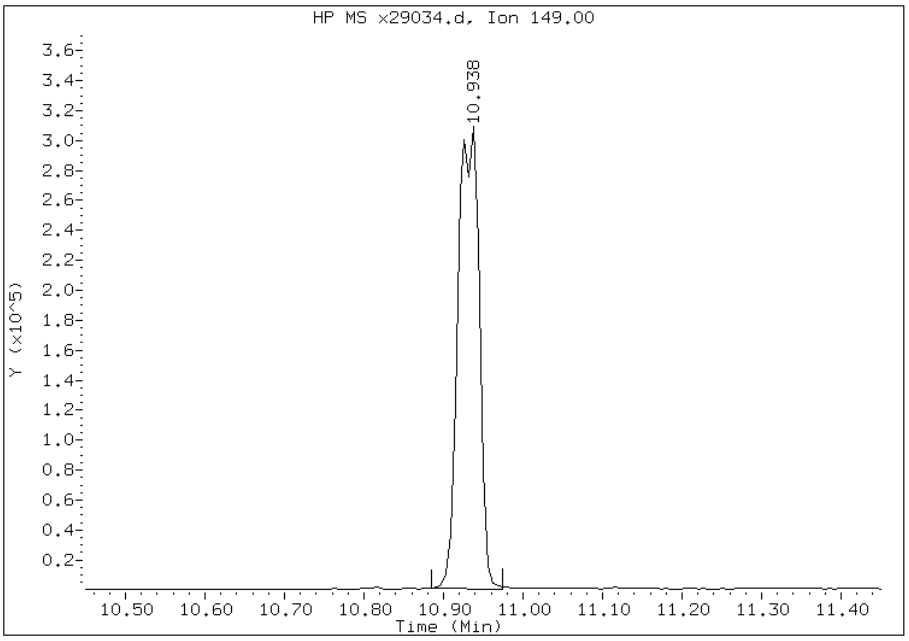
Manual Integration Results

RT: 10.94

Response: 583866

Amount: 74

Conc: 33760



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V0-2N | Lab Sample ID: 460-42971-7

Matrix: Solid | Lab File ID: x29031.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/07/2012 23:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	66	J	380	65
106-44-5	4-Methylphenol	94	J	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	440		380	58
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	140	J	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	300	J	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	77	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	110	J	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	11	U	77	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	770	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V0-2N | Lab Sample ID: 460-42971-7

Matrix: Solid | Lab File ID: x29031.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/07/2012 23:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	220	U	1100	220
132-64-9	Dibenzofuran	52	J	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	48	U	380	48
206-44-0	Fluoranthene	340	J	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	12	U	77	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	350	J	380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	190	J	380	32
218-01-9	Chrysene	210	J	380	44
207-08-9	Benzo[k]fluoranthene	94		38	2.9
191-24-2	Benzo[g,h,i]perylene	190	J	380	28
205-99-2	Benzo[b]fluoranthene	250		38	2.4
50-32-8	Benzo[a]pyrene	140		38	2.7
56-55-3	Benzo[a]anthracene	130		38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	210		38	7.0
53-70-3	Dibenz(a,h)anthracene	56		38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U *	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	380	49

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V0-2N | Lab Sample ID: 460-42971-7

Matrix: Solid | Lab File ID: x29031.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/07/2012 23:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	46		38-105
4165-62-2	Phenol-d5	53		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	40		37-125
321-60-8	2-Fluorobiphenyl	65		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29031.d
Report Date: 11-Aug-2012 07:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29031.d
Lab Smp Id: 460-42971-E-7-C Client Smp ID: 20120731SB-394V0-2N
Inj Date : 07-AUG-2012 23:45
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-7-C
Misc Info : 460-42971-E-7-C
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/8270C_11.m
Meth Date : 08-Aug-2012 12:07 czhao Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 50
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.71186	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.521	2.486	(0.673)	397844	40.4916	3100
$ 17 Phenol-d5 (SUR)	99	3.462	3.409	(0.925)	579593	53.0456	4000
* 79 1,4-Dichlorobenzene-d4	152	3.744	3.739	(1.000)	286416	40.0000	
3 2-Methylphenol	108	4.033	4.033	(1.077)	7242	0.87066	66(aH)
4 4-Methylphenol	108	4.191	4.197	(1.119)	10218	1.23307	94(aH)
123 3 & 4 Methylphenol	108	4.191	4.197	(1.119)	10735	1.35173	100(aH)
104 Acetophenone	105	4.144	4.168	(1.107)	67918	5.74802	440
$ 76 Nitrobenzene-d5 (SUR)	82	4.303	4.315	(0.856)	194946	22.8315	1700
6 2,4-Dimethylphenol	122	4.733	4.733	(0.941)	13006	1.86025	140(a)
15 Benzoic Acid	122	4.844	4.903	(0.964)	35761	9.11856	700(H)
* 80 Naphthalene-d8	136	5.027	5.033	(1.000)	879386	40.0000	
31 Naphthalene	128	5.050	5.056	(1.005)	90241	3.88052	300(a)
34 2-Methylnaphthalene	142	5.750	5.750	(1.144)	21436	1.47341	110(a)

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29031.d
Report Date: 11-Aug-2012 07:34

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
120 1-Methylnaphthalene	142	5.844	5.850	(1.163)	15131	1.01889	78(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.127	6.133	(0.904)	397388	32.5030	2500
125 1,3-Dimethylnaphthalene	156	6.450	6.456	(0.951)	8329	0.95879	73(a)
* 82 Acenaphthene-d10	164	6.780	6.786	(1.000)	335155	40.0000	
43 Dibenzofuran	168	6.985	6.986	(1.030)	8927	0.68045	52(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.562	7.562	(1.115)	102580	64.3771	4900
* 83 Phenanthrene-d10	188	8.232	8.238	(1.000)	363626	40.0000	
52 Phenanthrene	178	8.256	8.262	(1.003)	48193	4.60423	350(a)
53 Anthracene	178	8.303	8.309	(1.009)	4953	0.46631	36(a)
54 Carbazole	167	8.474	8.480	(1.029)	3114	0.34835	27(a)
56 Fluoranthene	202	9.421	9.421	(1.144)	41696	4.38630	340(a)
57 Pyrene	202	9.638	9.638	(0.886)	31887	2.54312	190(aH)
$ 78 Terphenyl-d14	244	9.809	9.809	(0.902)	315498	34.5555	2600
61 Benzo(a)anthracene	228	10.867	10.868	(0.999)	15099	1.67336	130
* 81 Chrysene-d12	240	10.879	10.879	(1.000)	292268	40.0000	
62 Chrysene	228	10.903	10.909	(1.002)	22975	2.73463	210(a)
65 Benzo(b)fluoranthene	252	12.156	12.150	(0.961)	37259	3.29950	250
66 Benzo(k)fluoranthene	252	12.185	12.185	(0.969)	14741	1.22918	94(MH)
67 Benzo(a)pyrene	252	12.561	12.556	(0.993)	15865	1.80934	140(H)
* 84 Perylene-d12	264	12.644	12.632	(1.000)	366867	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.008	14.003	(1.108)	18288	2.80238	210
69 Dibenz(a,h)anthracene	278	14.038	14.038	(1.110)	4956	0.73558	56
70 Benzo(g,h,i)perylene	276	14.338	14.338	(1.134)	17513	2.48729	190(a)

QC Flag Legend

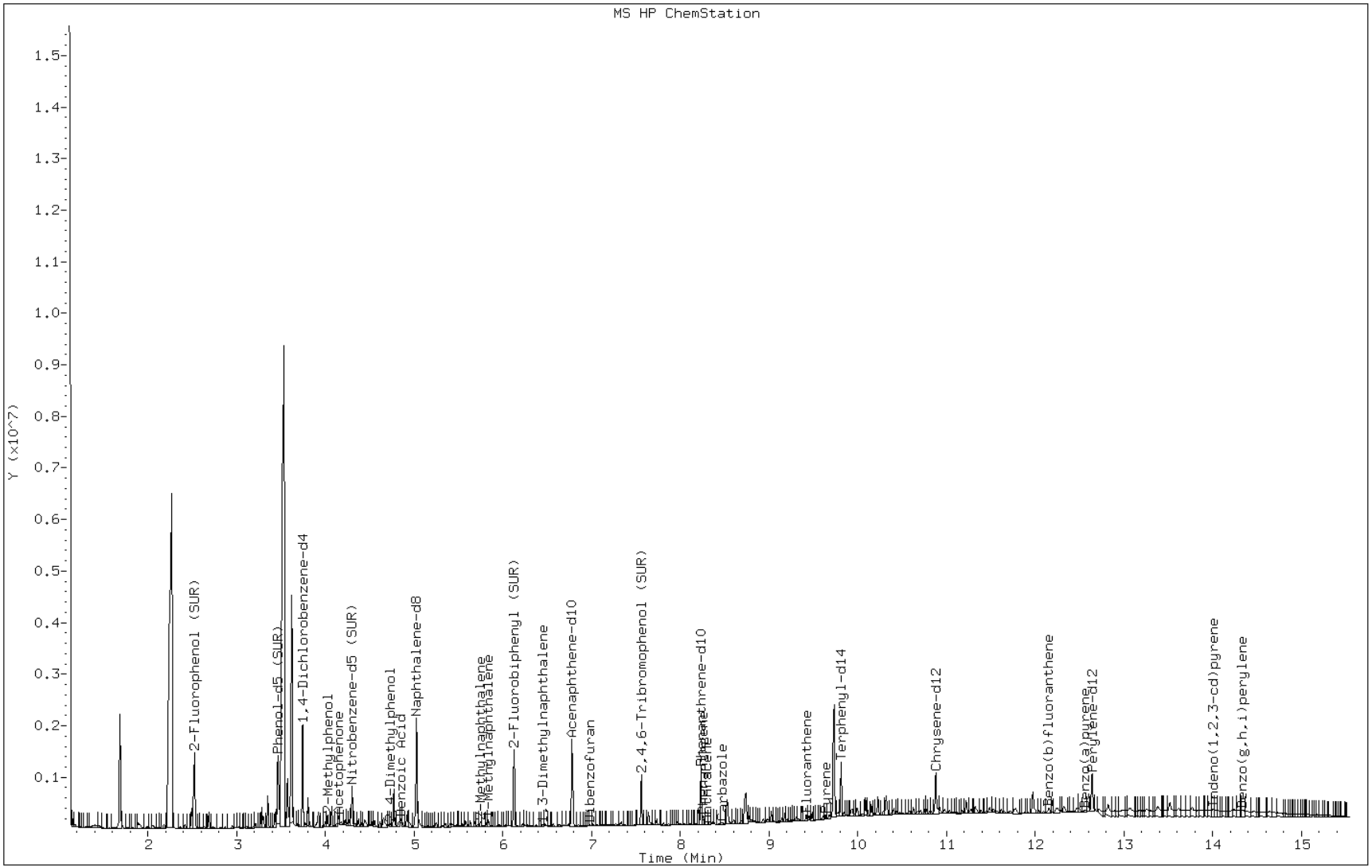
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4



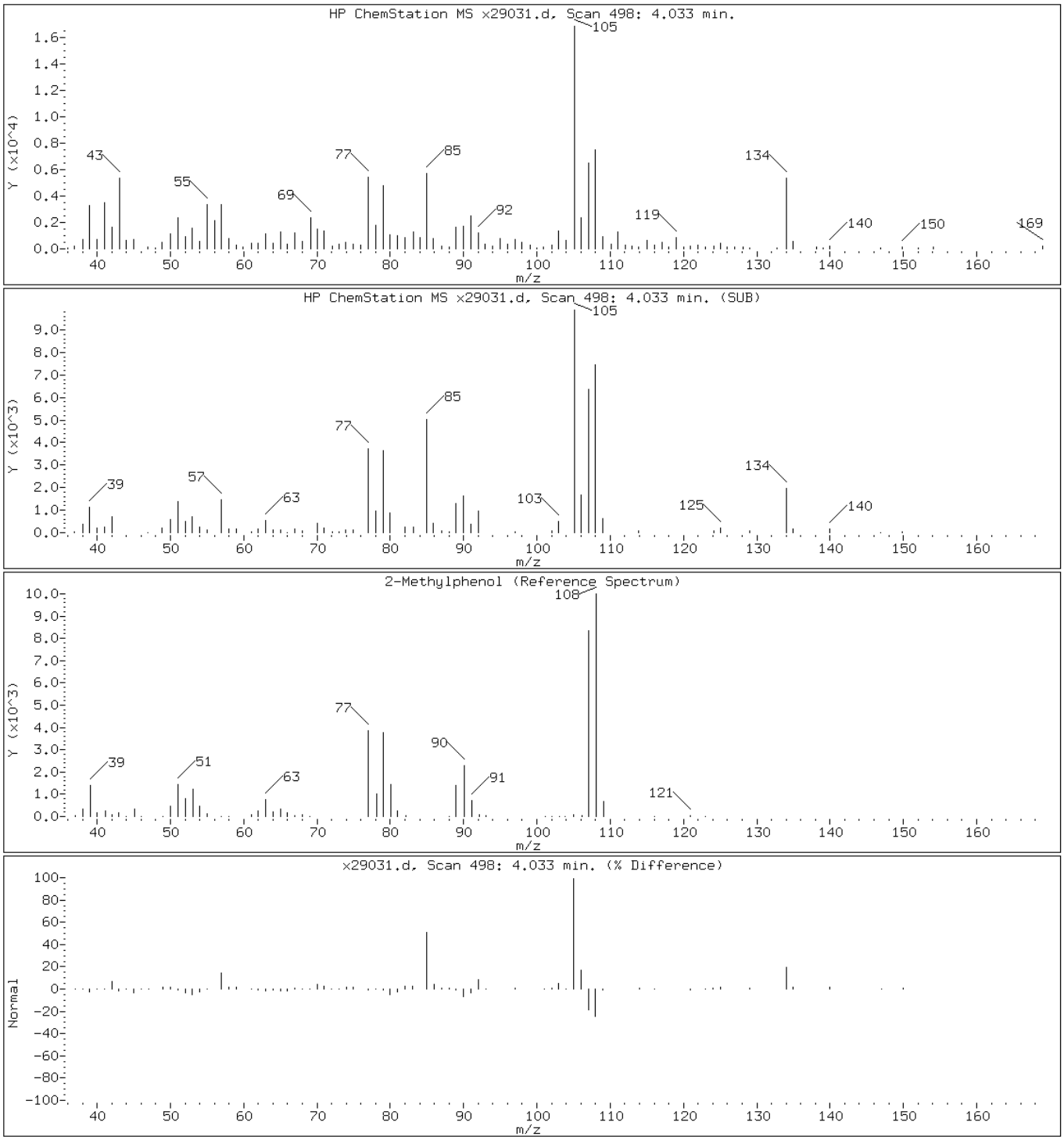
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

3 2-Methylphenol



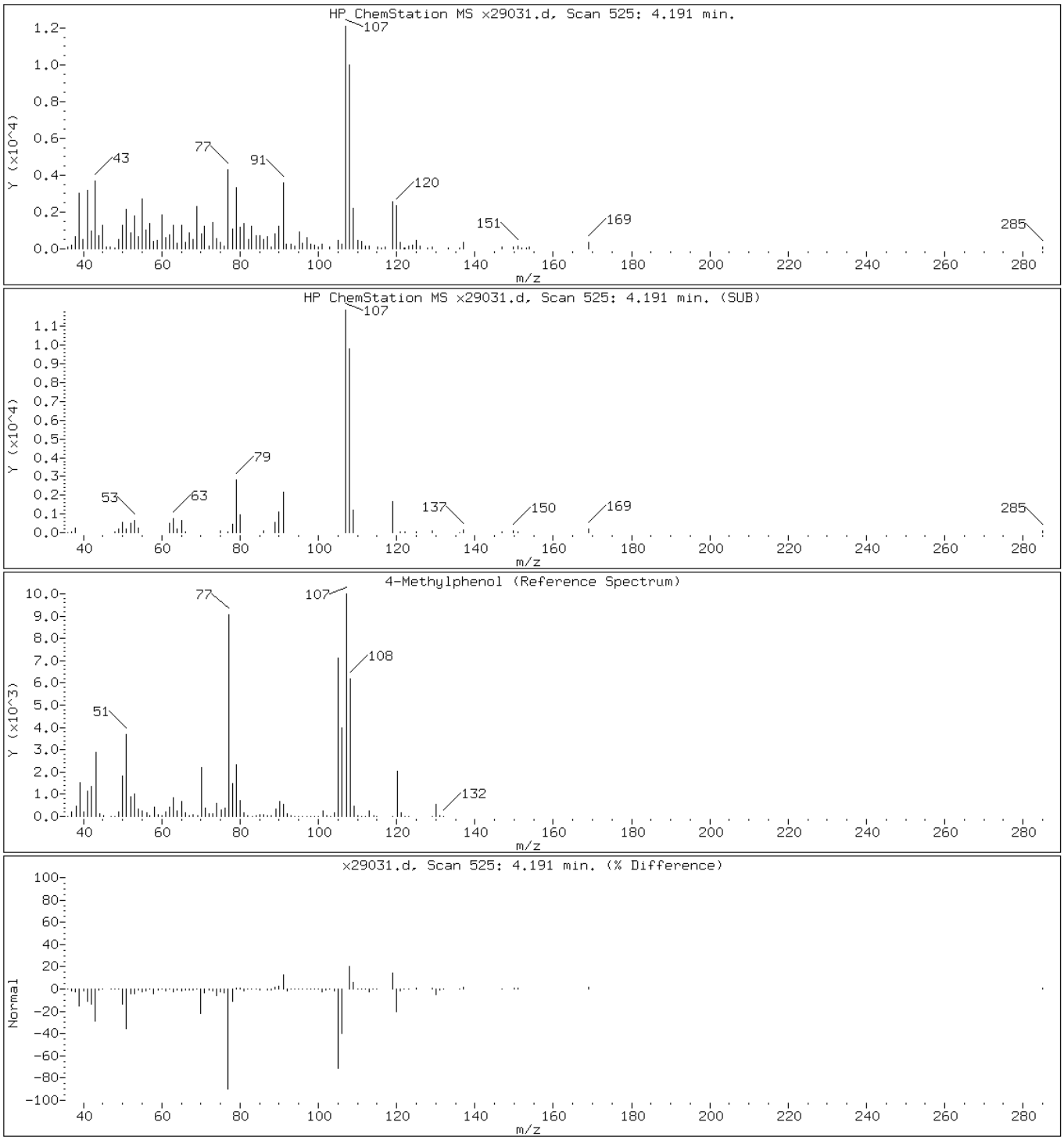
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

4 4-Methylphenol



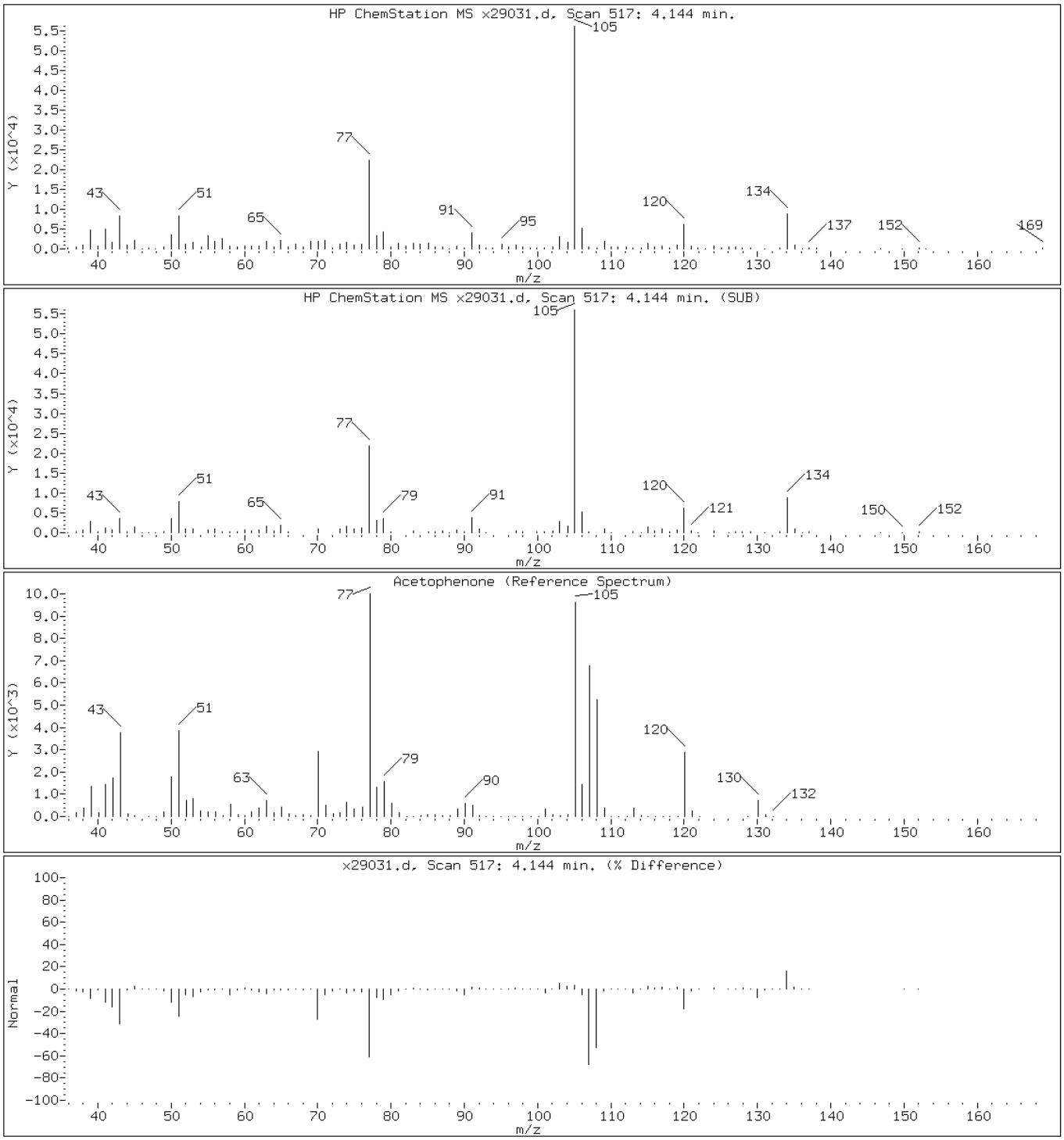
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

104 Acetophenone



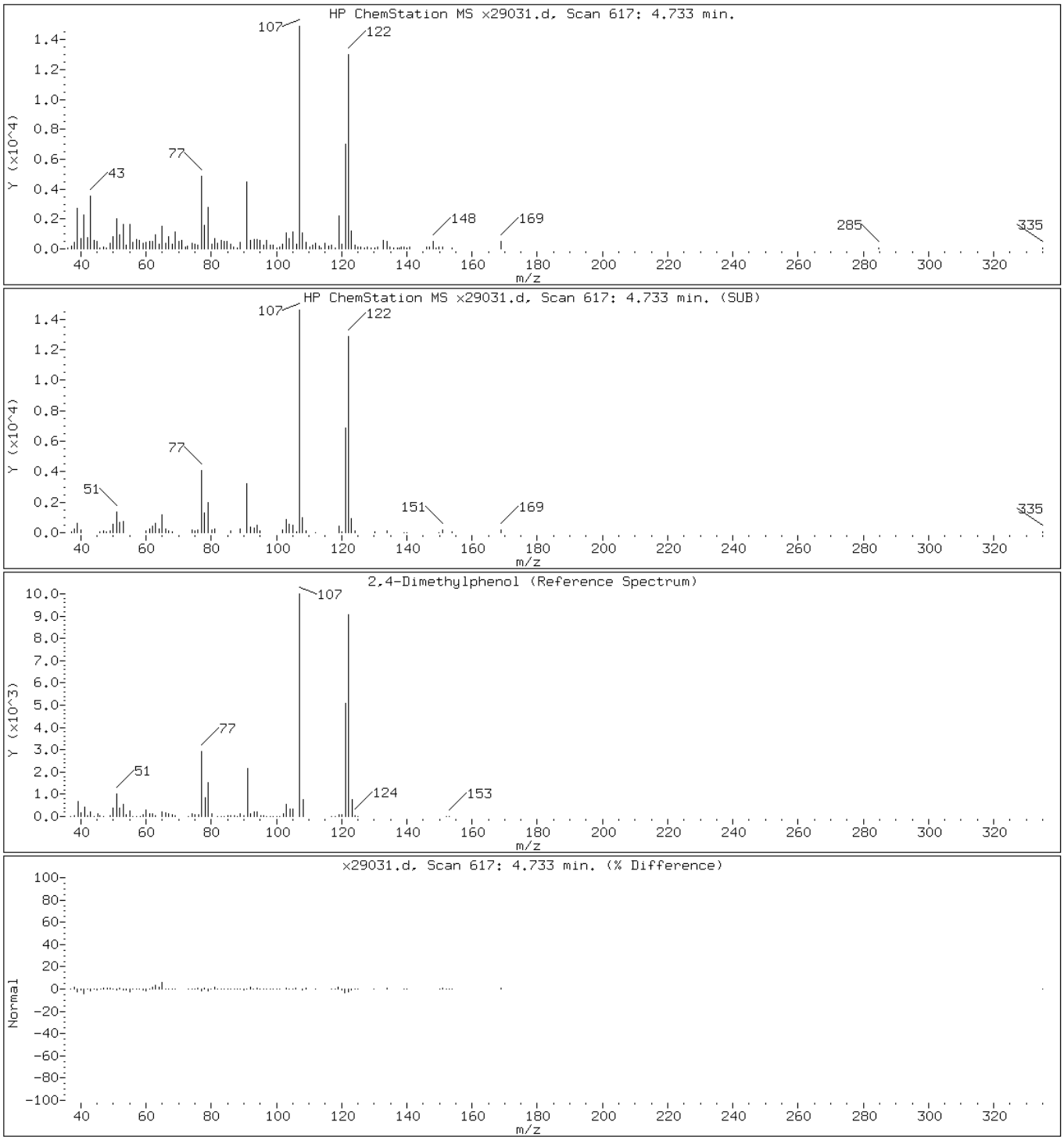
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

6 2,4-Dimethylphenol



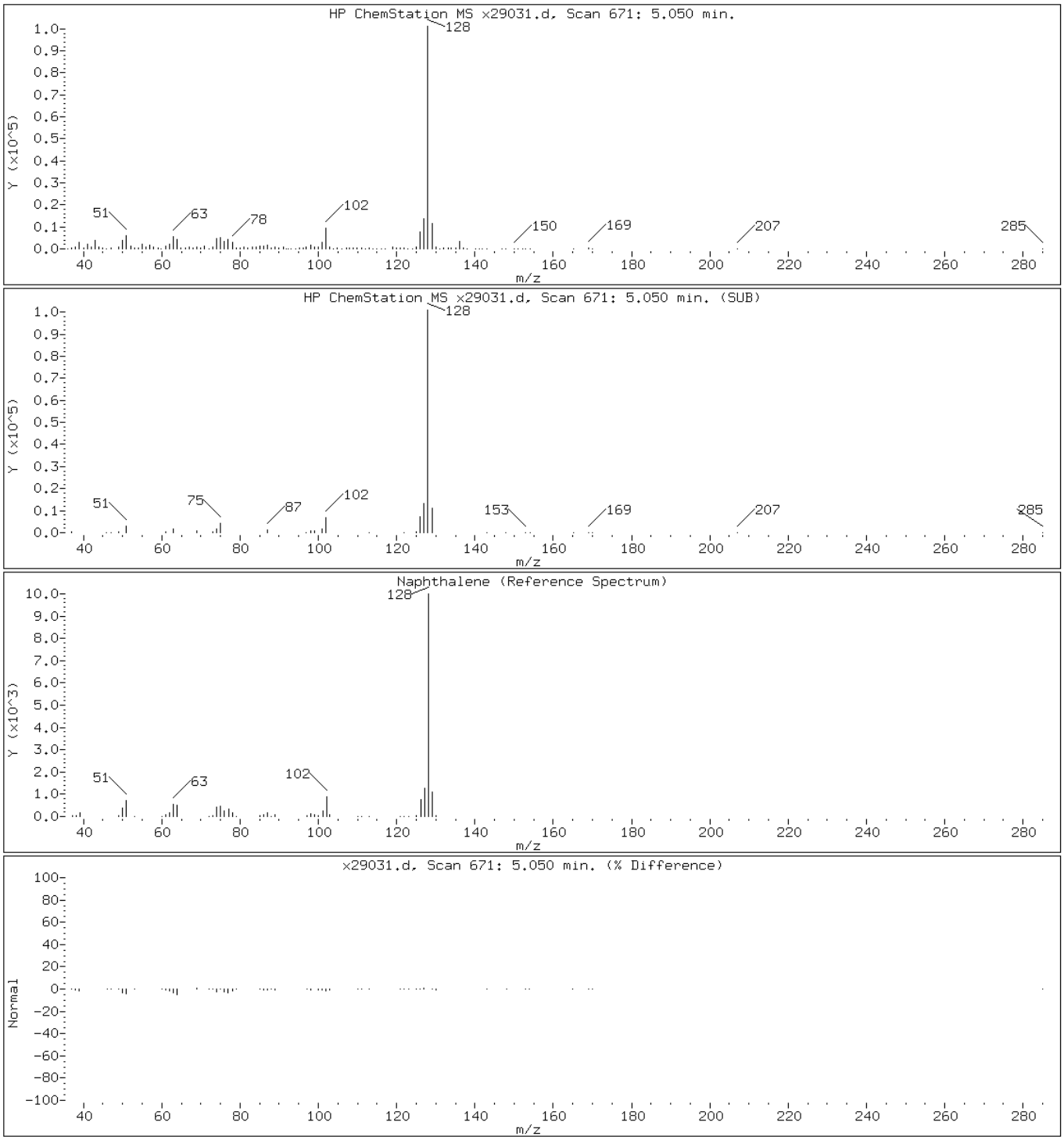
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

31 Naphthalene



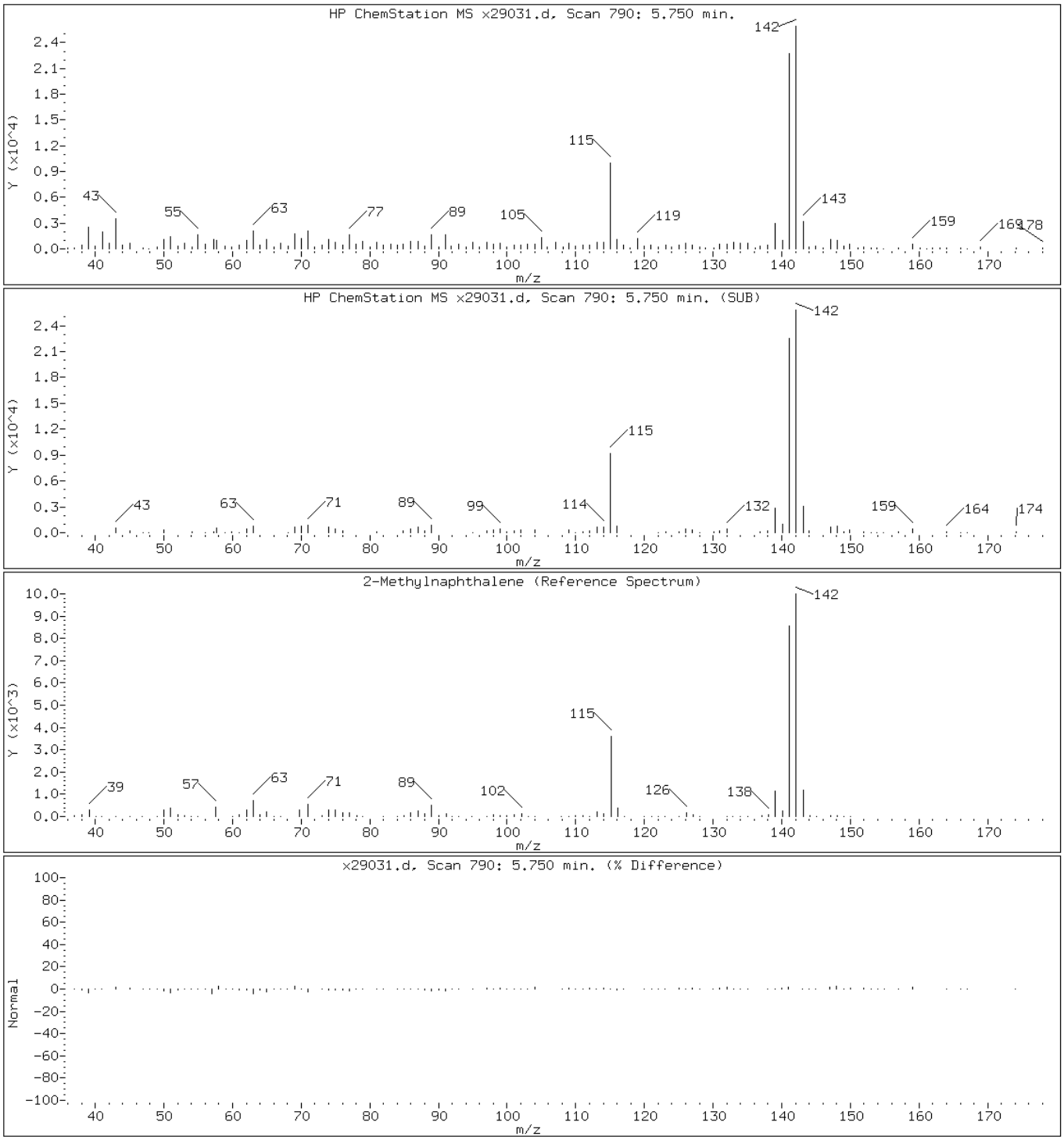
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

34 2-Methylnaphthalene



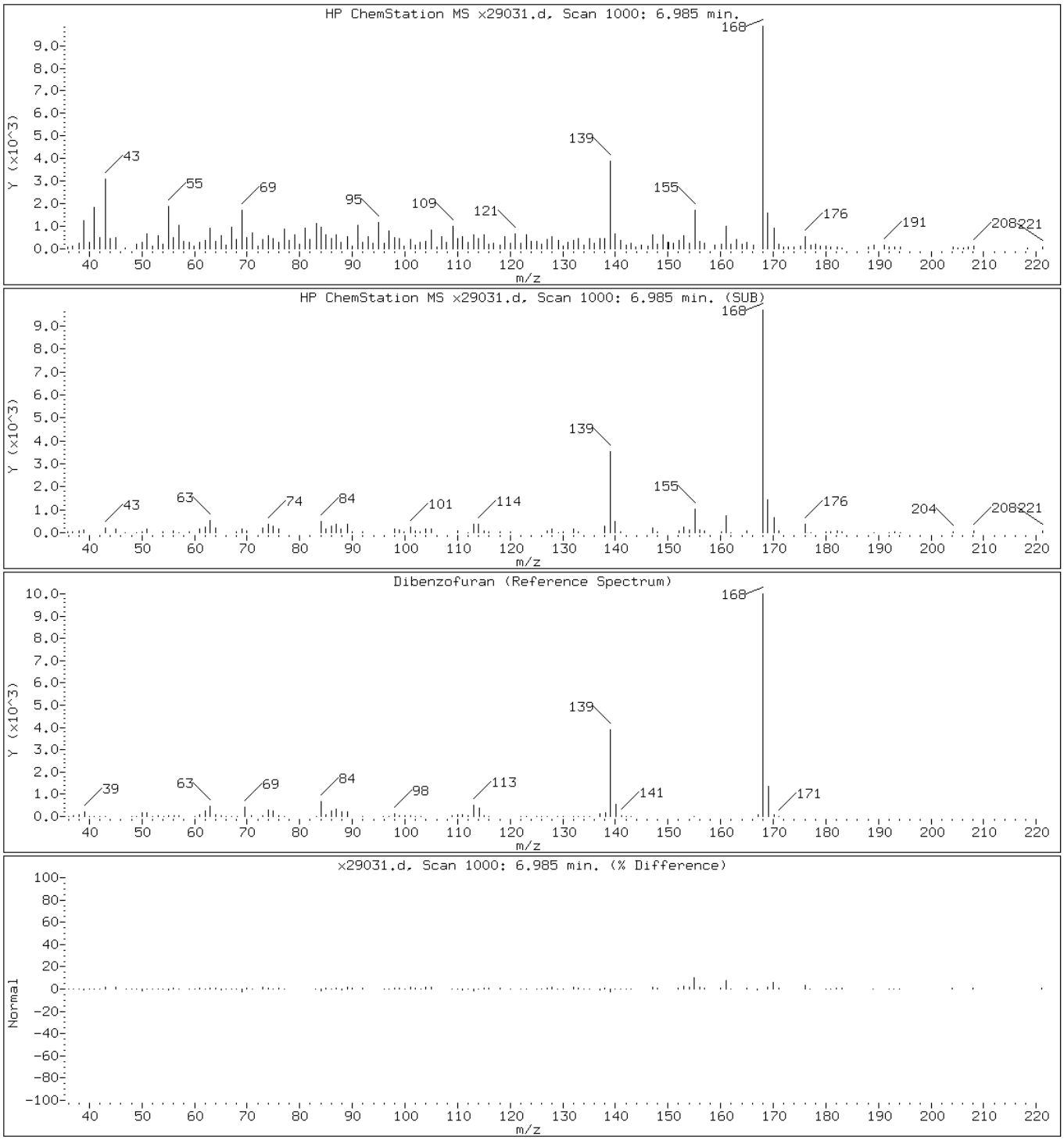
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

43 Dibenzofuran



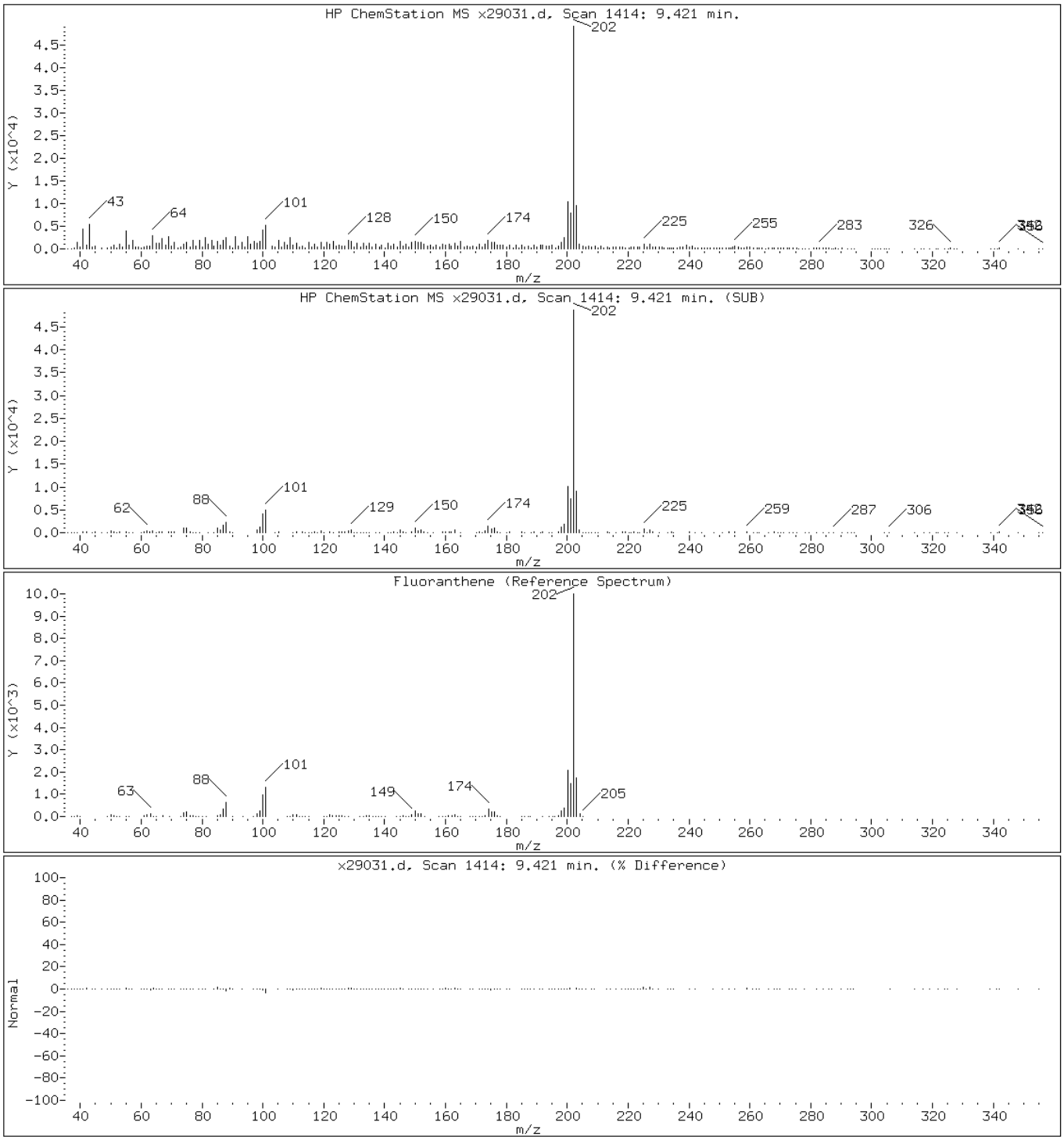
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

56 Fluoranthene



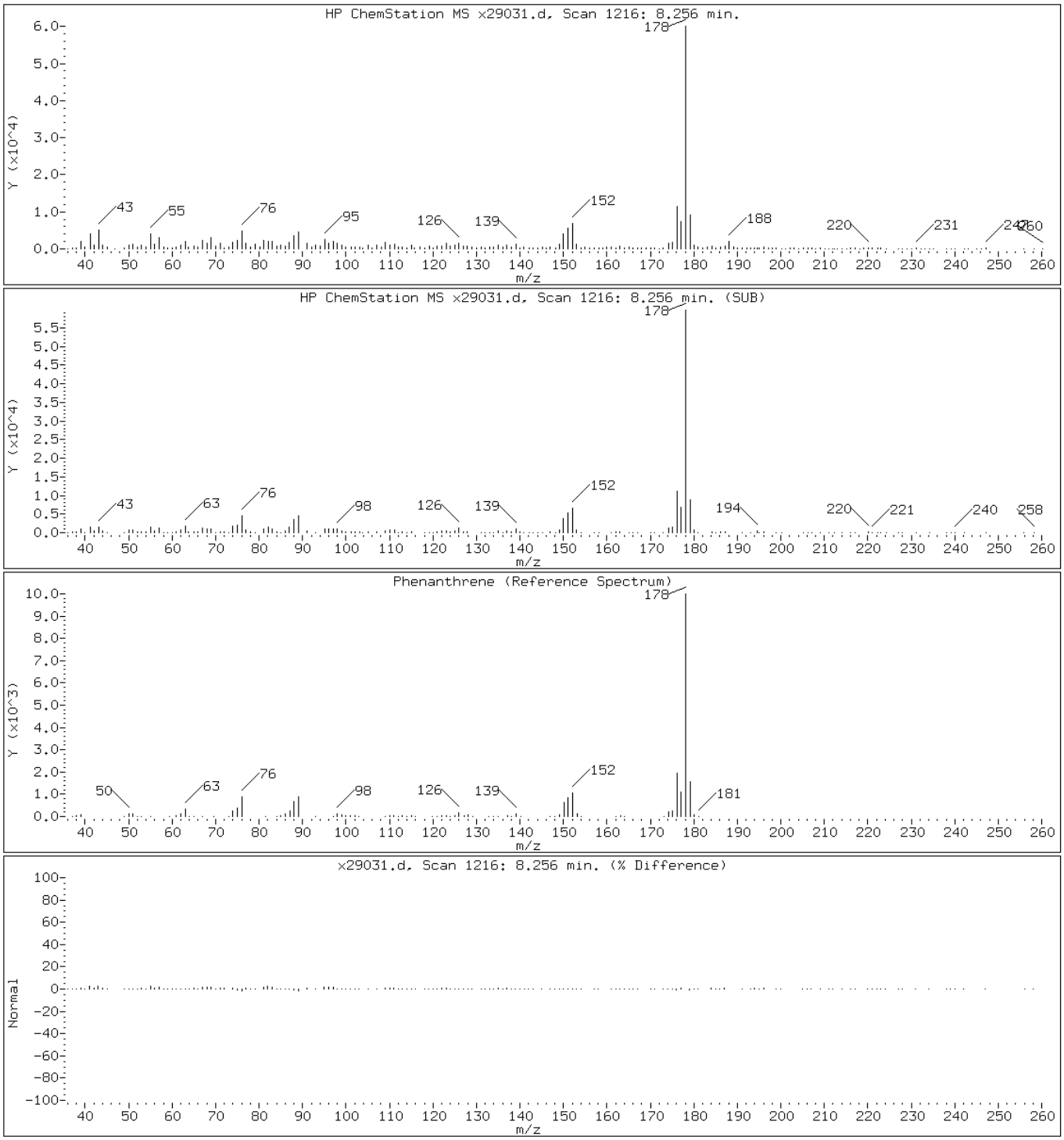
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

52 Phenanthrene



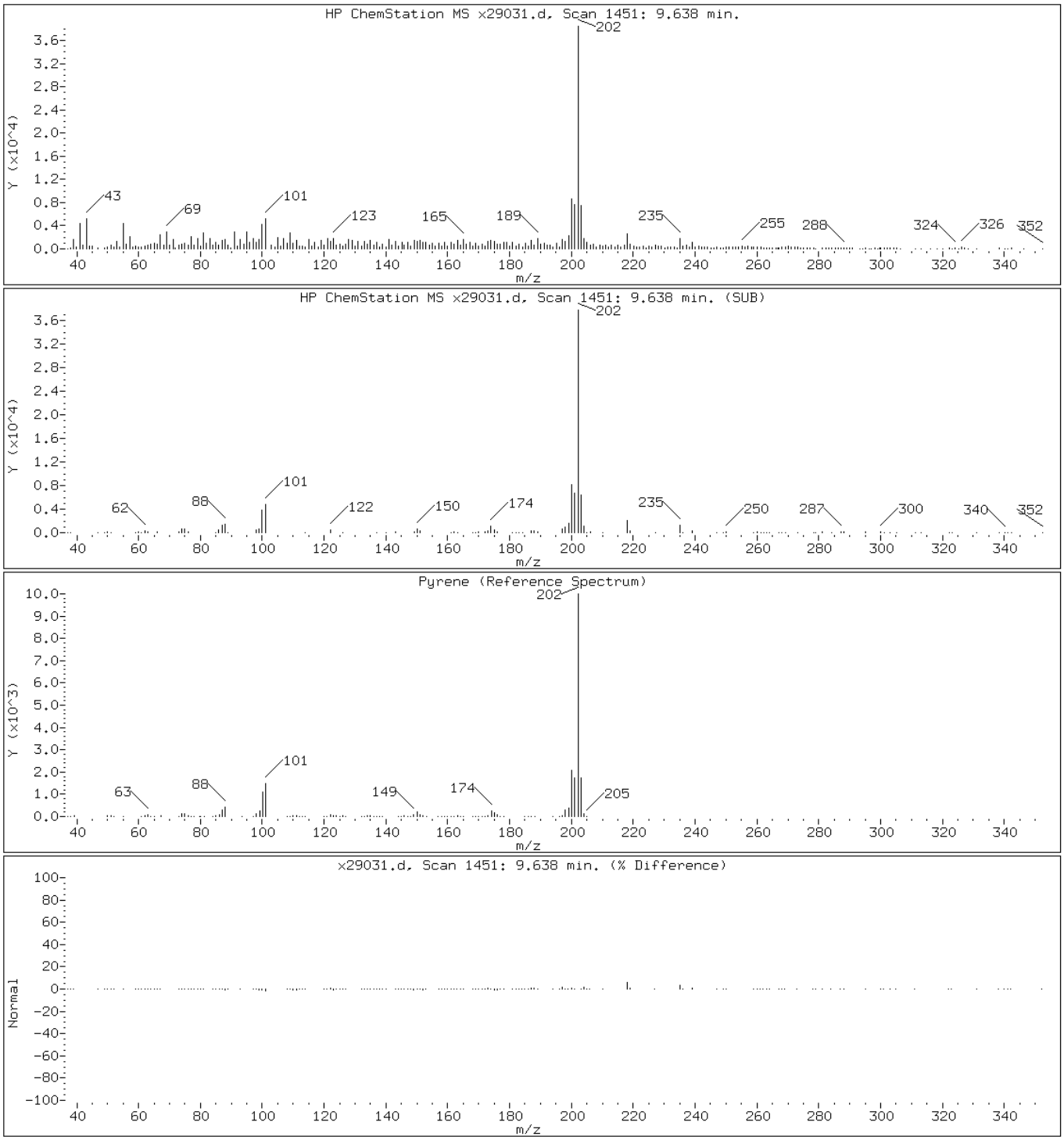
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

57 Pyrene



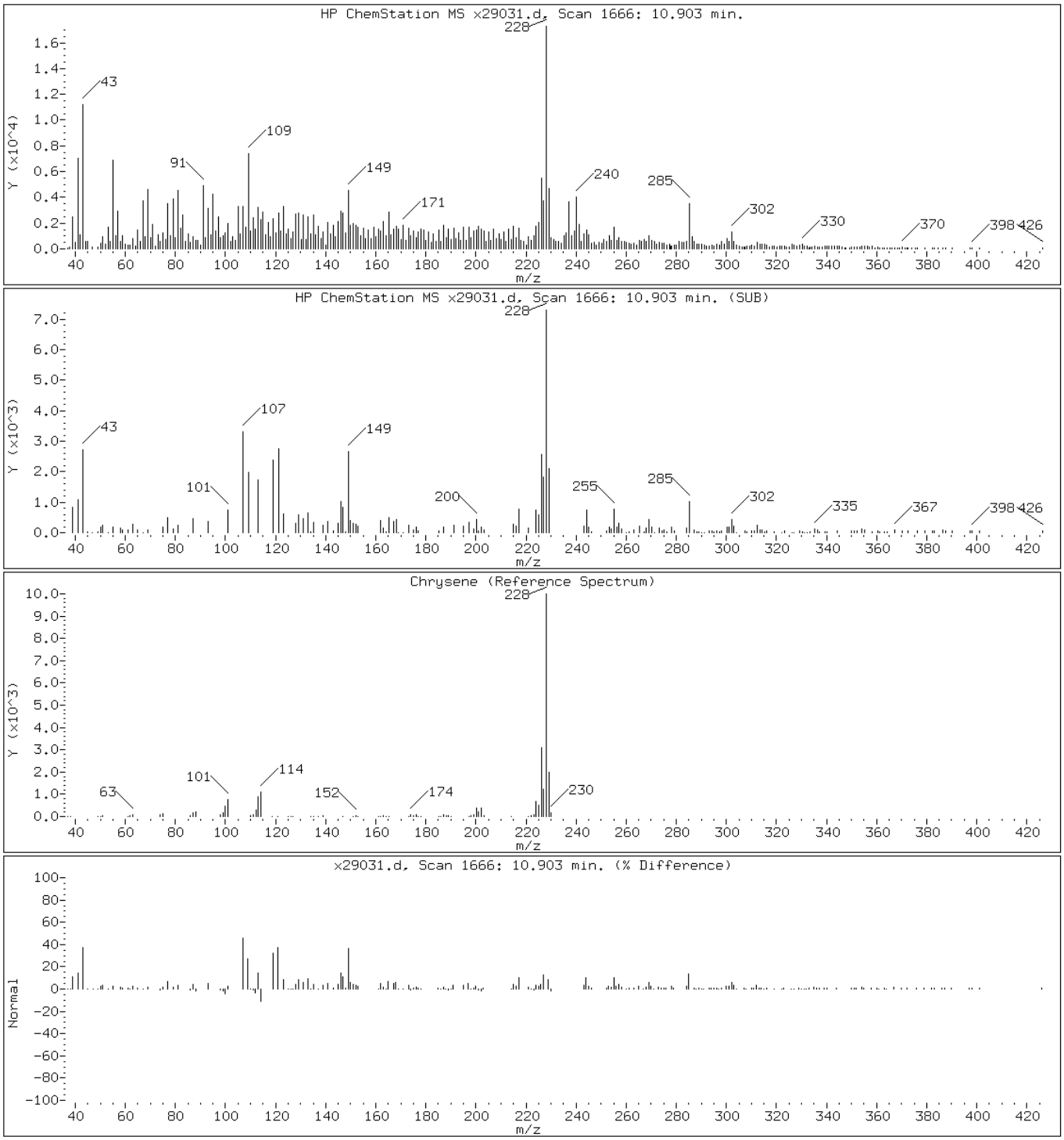
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

62 Chrysene



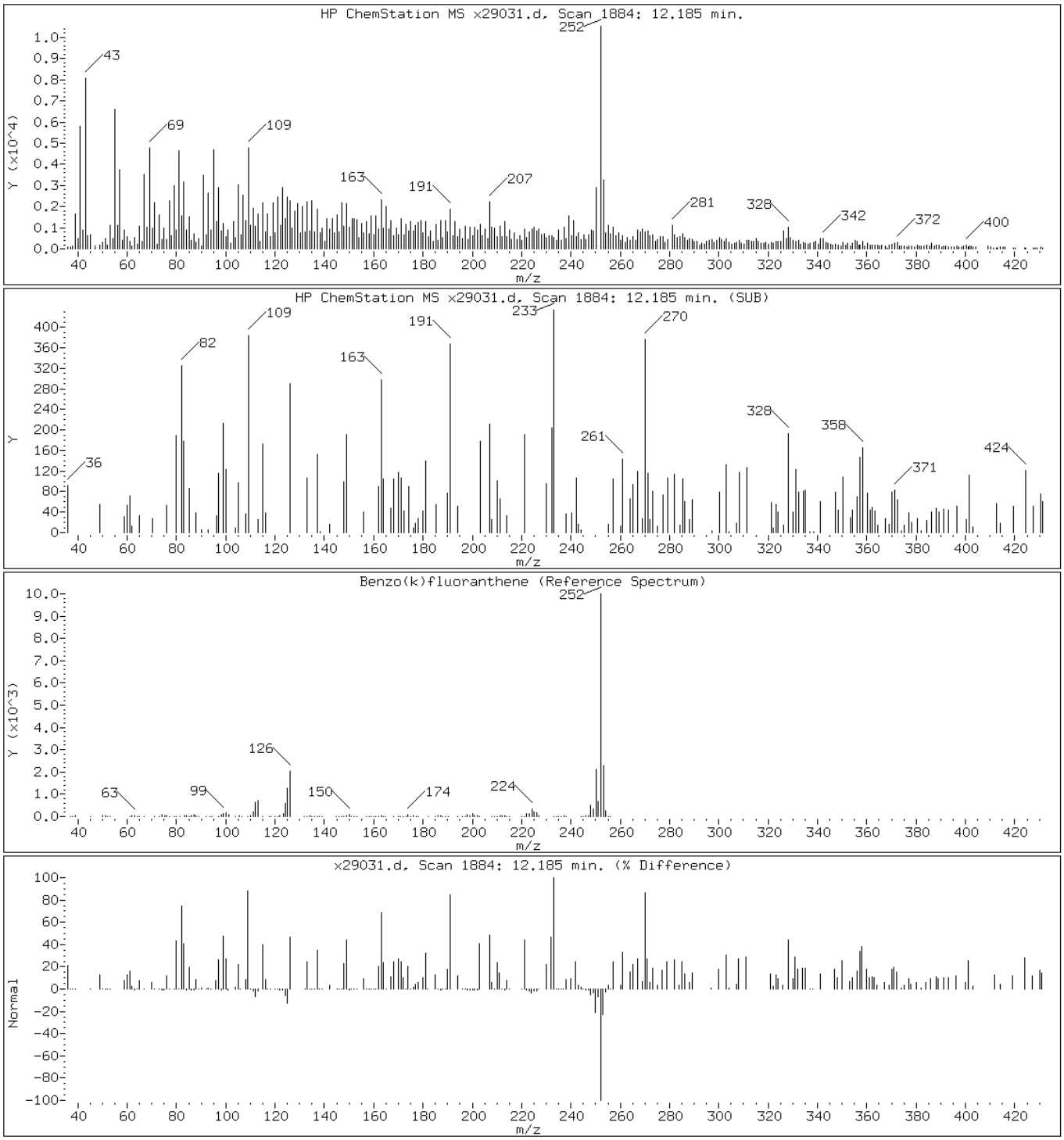
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

66 Benzo(k)fluoranthene



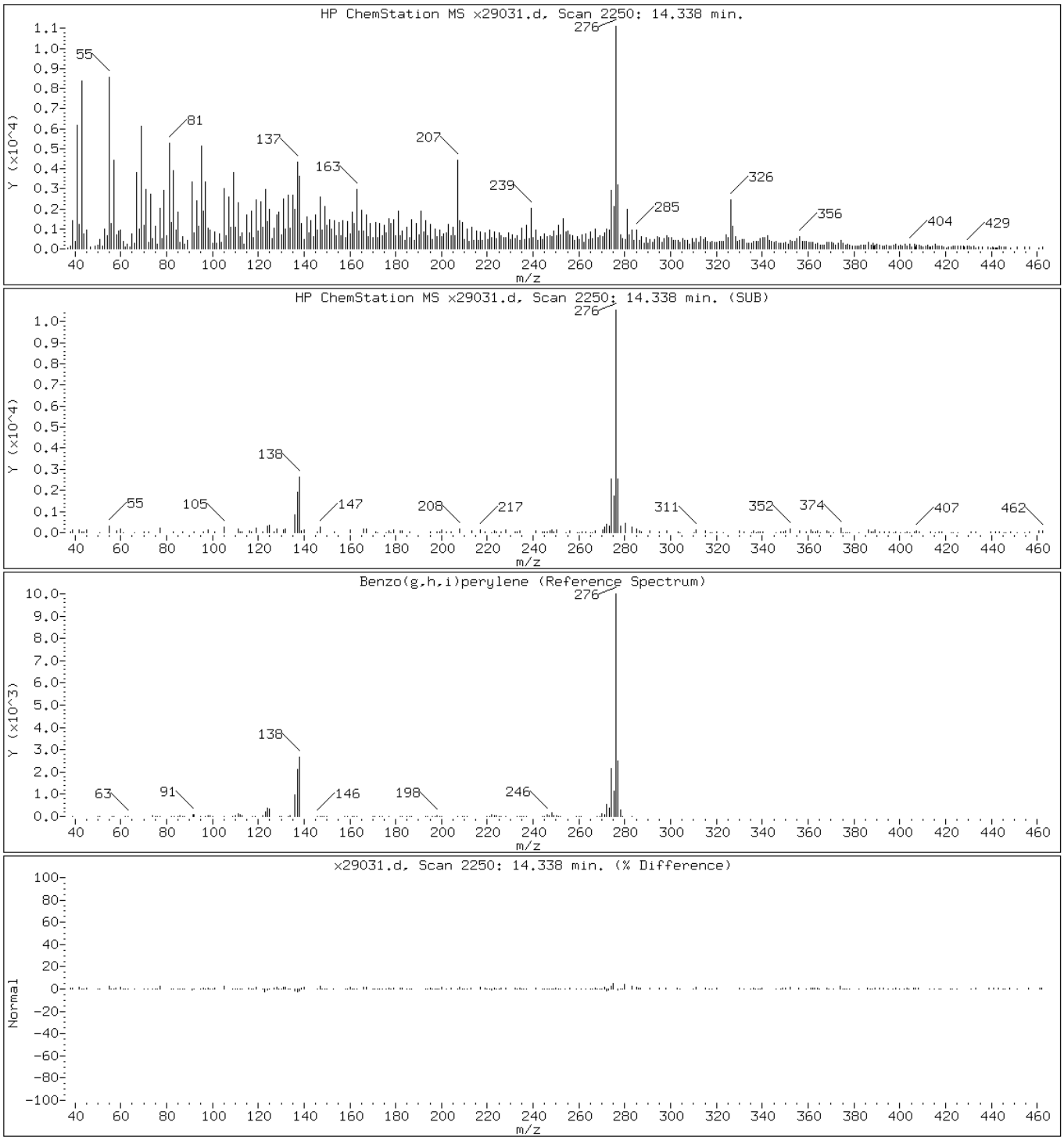
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

70 Benzo(g,h,i)perylene



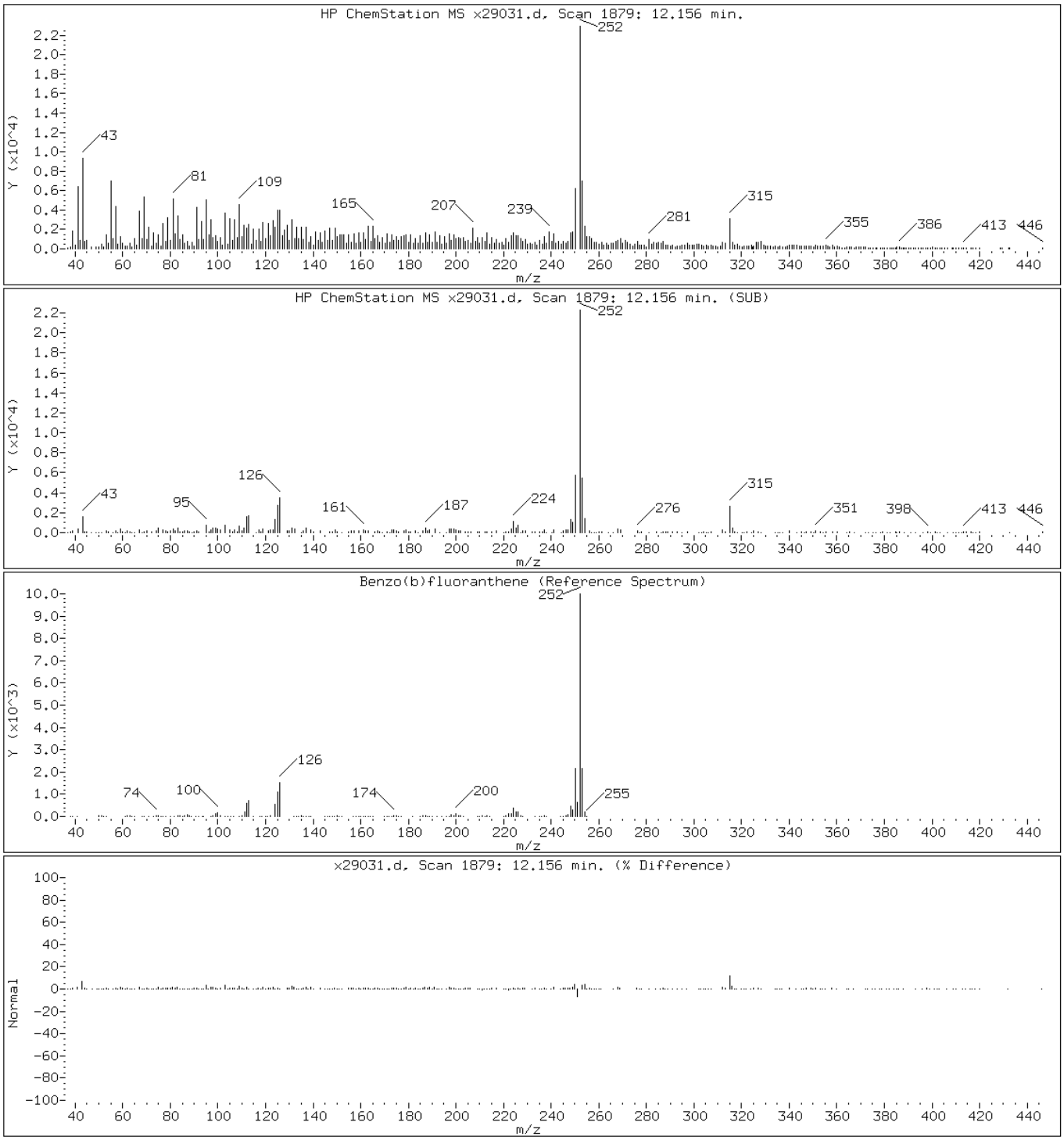
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



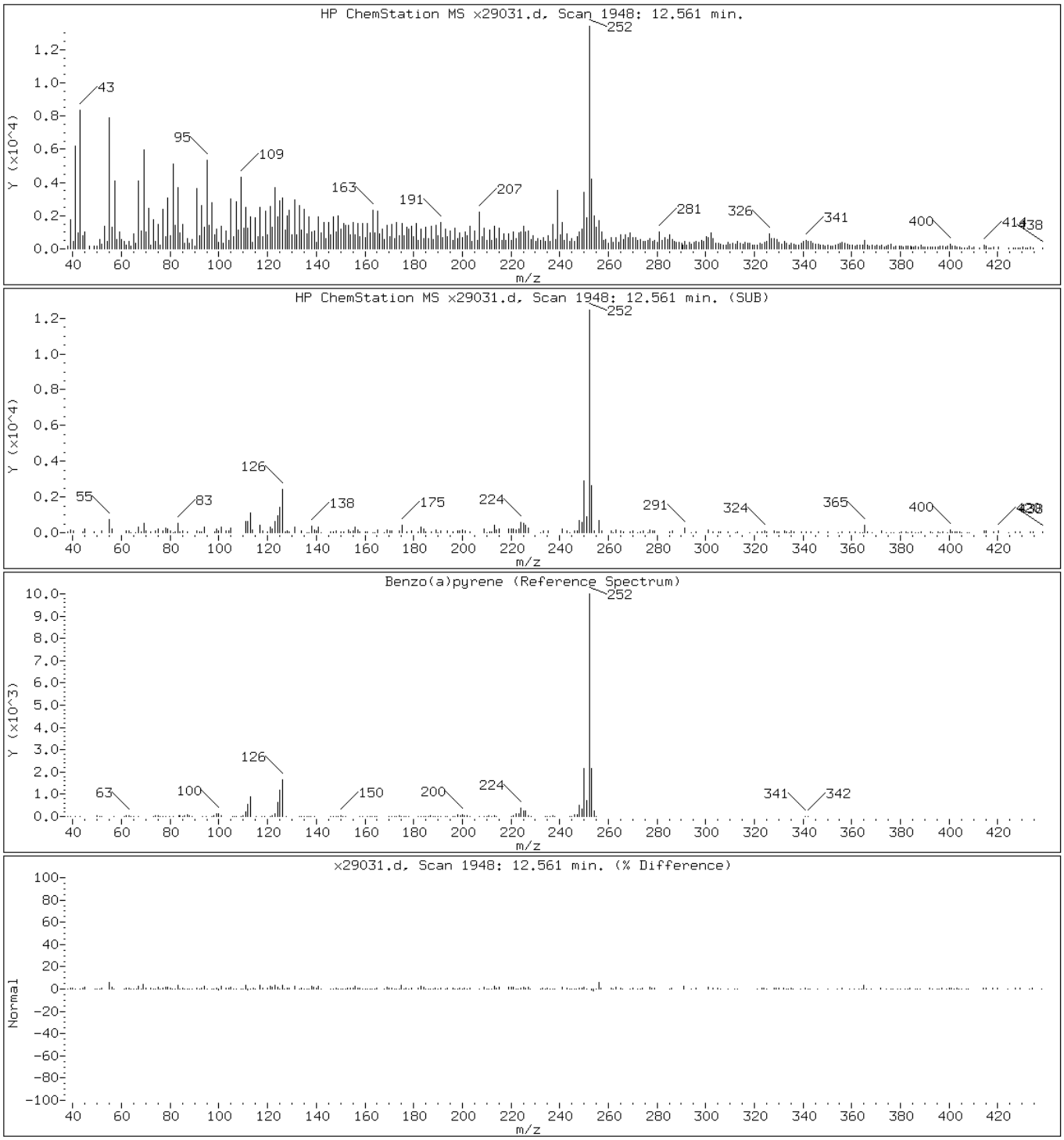
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

67 Benzo(a)pyrene



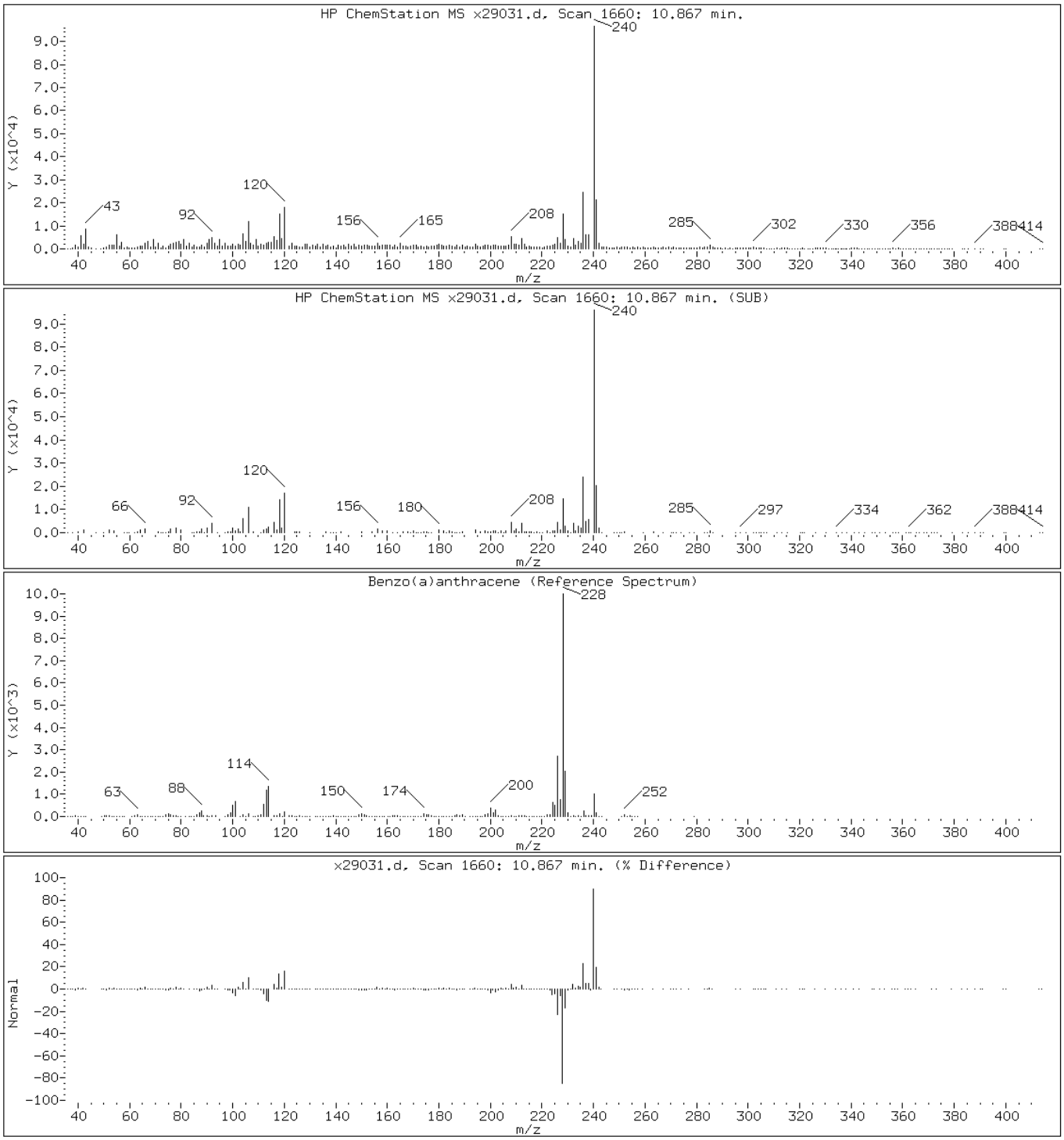
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

61 Benzo(a)anthracene



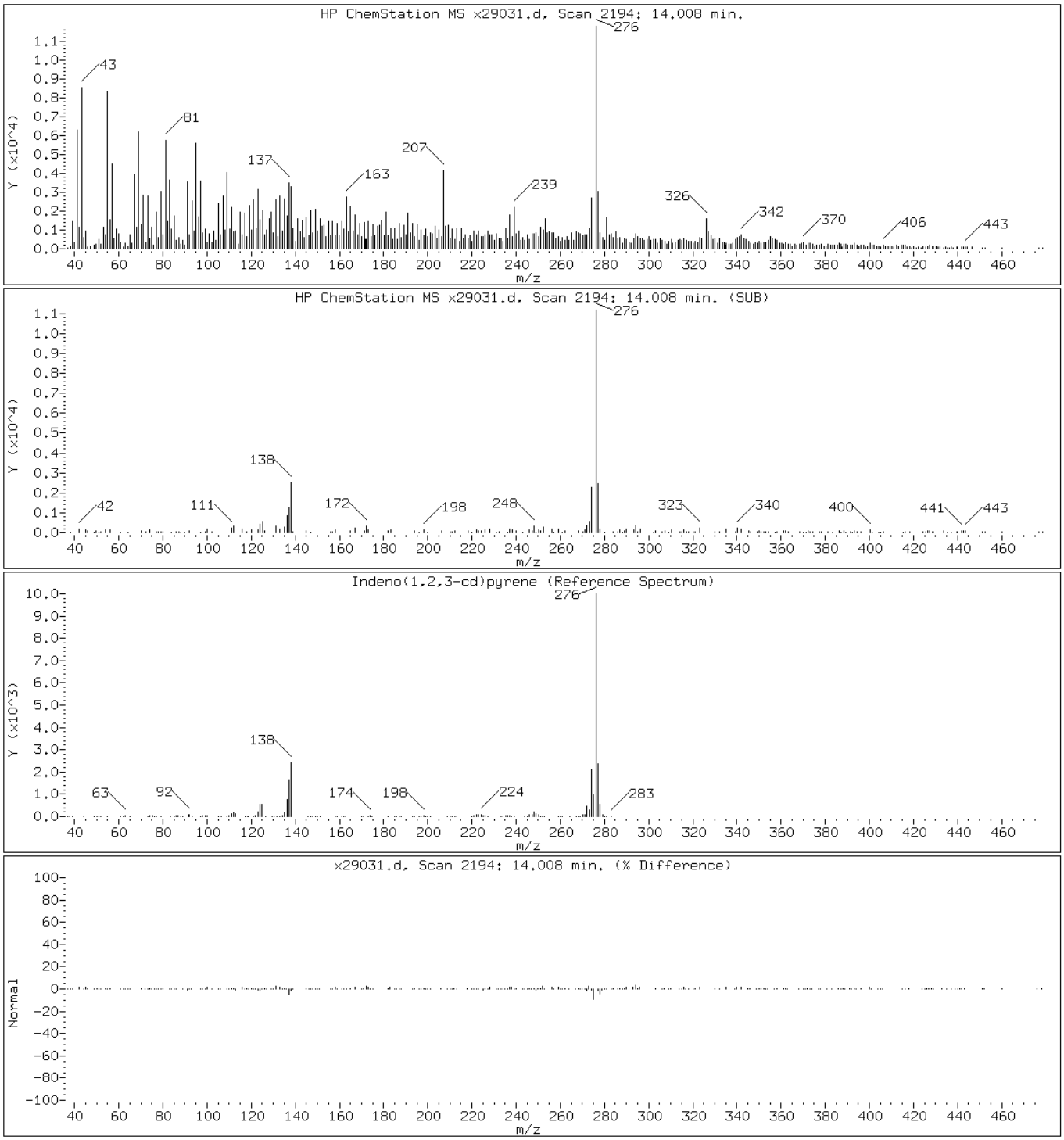
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



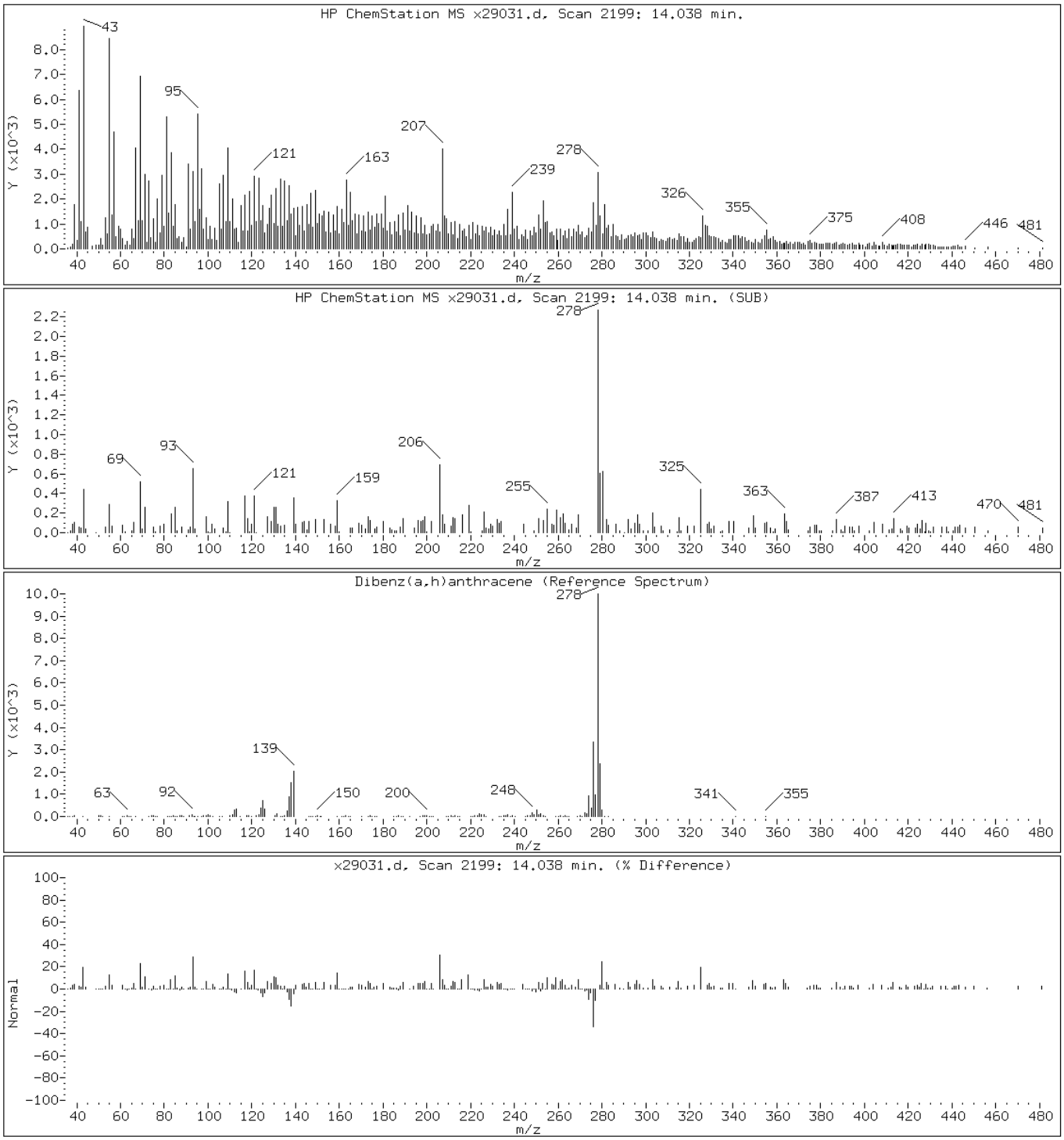
Data File: x29031.d

Date: 07-AUG-2012 23:45

Client ID: 20120731SB-394V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-7-C Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Manual Integration Report

Data File: x29031.d
Inj. Date and Time: 07-AUG-2012 23:45
Instrument ID: BNAMS5.i
Client ID: 20120731SB-394V0-2N
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 08/11/2012

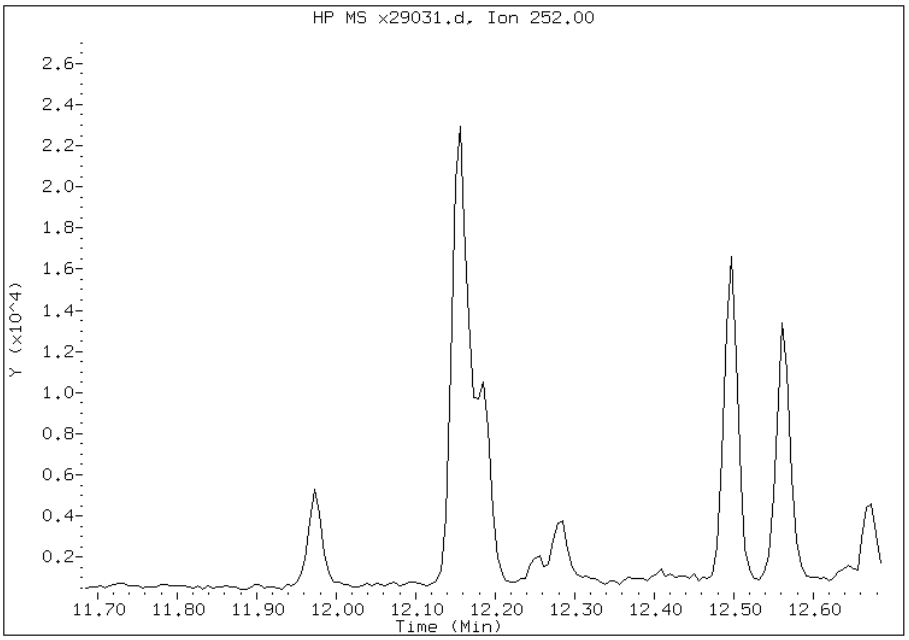
Processing Integration Results

RT: 12.67

Response: 4954

Amount: 0

Conc: 32



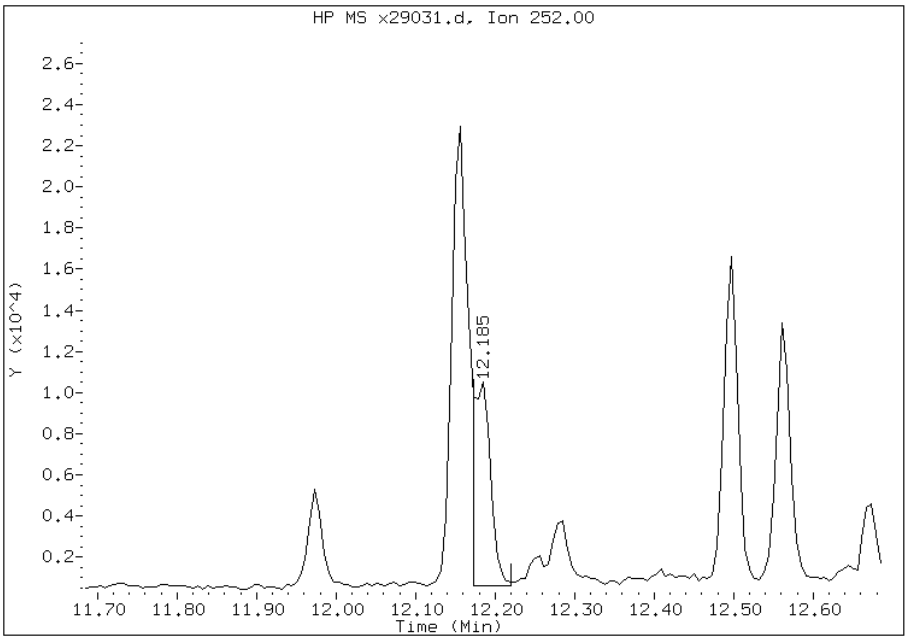
Manual Integration Results

RT: 12.19

Response: 14741

Amount: 1

Conc: 94



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V7-8N | Lab Sample ID: 460-42971-8

Matrix: Solid | Lab File ID: x29030.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:10

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/07/2012 23:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	61	U	450	61
95-57-8	2-Chlorophenol	60	U	450	60
95-48-7	2-Methylphenol	78	U	450	78
106-44-5	4-Methylphenol	90	U	450	90
100-52-7	Benzaldehyde	54	U	450	54
98-86-2	Acetophenone	70	U	450	70
111-44-4	Bis(2-chloroethyl)ether	6.2	U	45	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	50	U	450	50
621-64-7	N-Nitrosodi-n-propylamine	7.6	U	45	7.6
98-95-3	Nitrobenzene	6.5	U	45	6.5
67-72-1	Hexachloroethane	5.1	U	45	5.1
78-59-1	Isophorone	55	U	450	55
88-75-5	2-Nitrophenol	51	U	450	51
105-67-9	2,4-Dimethylphenol	110	U	450	110
120-83-2	2,4-Dichlorophenol	67	U	450	67
111-91-1	Bis(2-chloroethoxy)methane	59	U	450	59
91-20-3	Naphthalene	320	J	450	53
106-47-8	4-Chloroaniline	120	U	450	120
87-68-3	Hexachlorobutadiene	11	U	92	11
105-60-2	Caprolactam	100	U	450	100
59-50-7	4-Chloro-3-methylphenol	69	U	450	69
91-57-6	2-Methylnaphthalene	260	J	450	58
118-74-1	Hexachlorobenzene	6.2	U	45	6.2
77-47-4	Hexachlorocyclopentadiene	54	U	450	54
88-06-2	2,4,6-Trichlorophenol	53	U	450	53
95-95-4	2,4,5-Trichlorophenol	59	U	450	59
92-52-4	Diphenyl	61	U	450	61
91-58-7	2-Chloronaphthalene	51	U	450	51
88-74-4	2-Nitroaniline	190	U	920	190
606-20-2	2,6-Dinitrotoluene	14	U	92	14
131-11-3	Dimethyl phthalate	54	U	450	54
208-96-8	Acenaphthylene	54	U	450	54
99-09-2	3-Nitroaniline	160	U	920	160
83-32-9	Acenaphthene	66	U	450	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V7-8N | Lab Sample ID: 460-42971-8

Matrix: Solid | Lab File ID: x29030.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:10

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/07/2012 23:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	290	U	1400	290
51-28-5	2,4-Dinitrophenol	260	U	1400	260
132-64-9	Dibenzofuran	110	J	450	53
84-66-2	Diethyl phthalate	54	U	450	54
86-73-7	Fluorene	58	U	450	58
206-44-0	Fluoranthene	630		450	61
84-74-2	Di-n-butyl phthalate	56	U	450	56
121-14-2	2,4-Dinitrotoluene	15	U	92	15
7005-72-3	4-Chlorophenyl phenyl ether	53	U	450	53
100-01-6	4-Nitroaniline	140	U	920	140
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1400	120
101-55-3	4-Bromophenyl phenyl ether	45	U	450	45
1912-24-9	Atrazine	70	U	450	70
120-12-7	Anthracene	120	J	450	55
86-74-8	Carbazole	58	J	450	54
85-01-8	Phenanthrene	600		450	58
87-86-5	Pentachlorophenol	140	U	1400	140
129-00-0	Pyrene	600		450	38
218-01-9	Chrysene	370	J	450	53
207-08-9	Benzo[k]fluoranthene	140		45	3.5
191-24-2	Benzo[g,h,i]perylene	360	J	450	34
205-99-2	Benzo[b]fluoranthene	420		45	2.9
50-32-8	Benzo[a]pyrene	260		45	3.2
56-55-3	Benzo[a]anthracene	310		45	3.2
86-30-6	N-Nitrosodiphenylamine	45	U	450	45
85-68-7	Butyl benzyl phthalate	42	U	450	42
117-81-7	Bis(2-ethylhexyl) phthalate	3200		450	150
117-84-0	Di-n-octyl phthalate	29	U	450	29
193-39-5	Indeno[1,2,3-cd]pyrene	370		45	8.5
53-70-3	Dibenz(a,h)anthracene	83		45	5.7
91-94-1	3,3'-Dichlorobenzidine	160	U	920	160
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U *	450	61
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	450	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V7-8N | Lab Sample ID: 460-42971-8

Matrix: Solid | Lab File ID: x29030.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:10

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/07/2012 23:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	53		38-105
4165-62-2	Phenol-d5	57		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	36		10-120
367-12-4	2-Fluorophenol	50		37-125
321-60-8	2-Fluorobiphenyl	63		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29030.d
Report Date: 10-Aug-2012 02:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29030.d
Lab Smp Id: 460-42971-E-8-C Client Smp ID: 20120731SB-394V7-8N
Inj Date : 07-AUG-2012 23:23
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-8-C
Misc Info : 460-42971-E-8-C
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/8270C_11.m
Meth Date : 08-Aug-2012 12:07 czhao Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 49
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	27.29045	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.515	2.486	(0.673)	632304	50.0598	4600
$ 17 Phenol-d5 (SUR)	99	3.421	3.409	(0.915)	794061	56.5316	5200
* 79 1,4-Dichlorobenzene-d4	152	3.739	3.739	(1.000)	368202	40.0000	
22 1,4-Dichlorobenzene	146	3.750	3.756	(1.003)	14987	0.97830	90(a)
23 1,2-Dichlorobenzene	146	3.903	3.909	(1.044)	11318	0.79796	73(aH)
$ 76 Nitrobenzene-d5 (SUR)	82	4.303	4.315	(0.856)	328683	26.7031	2400
* 80 Naphthalene-d8	136	5.027	5.033	(1.000)	1267698	40.0000	
31 Naphthalene	128	5.050	5.056	(1.005)	116871	3.48624	320(a)
34 2-Methylnaphthalene	142	5.750	5.750	(1.144)	59786	2.85065	260(a)
120 1-Methylnaphthalene	142	5.844	5.850	(1.163)	55066	2.57220	240(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.127	6.133	(0.904)	579413	31.2644	2900
125 1,3-Dimethylnaphthalene	156	6.450	6.456	(0.951)	39205	2.97733	270(a)
* 82 Acenaphthene-d10	164	6.780	6.786	(1.000)	508034	40.0000	

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29030.d
Report Date: 10-Aug-2012 02:01

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
42 Acenaphthene	154	6.809	6.815	(1.004)	4610	0.33759	31(a)
43 Dibenzofuran	168	6.986	6.986	(1.030)	22916	1.15235	100(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.562	7.562	(1.115)	86957	36.0020	3300
115 n-Octadecane	57	8.174	8.174	(0.993)	12220	1.84167	170(a)
* 83 Phenanthrene-d10	188	8.233	8.238	(1.000)	528100	40.0000	
52 Phenanthrene	178	8.256	8.262	(1.003)	99070	6.51709	600
53 Anthracene	178	8.303	8.309	(1.009)	20999	1.36126	120(a)
54 Carbazole	167	8.480	8.480	(1.030)	8184	0.63038	58(a)
56 Fluoranthene	202	9.421	9.421	(1.144)	95120	6.88993	630
57 Pyrene	202	9.638	9.638	(0.886)	87819	6.53328	600(H)
$ 78 Terphenyl-d14	244	9.815	9.809	(0.902)	339256	34.6607	3200
61 Benzo(a)anthracene	228	10.868	10.868	(0.999)	32863	3.39733	310
* 81 Chrysene-d12	240	10.879	10.879	(1.000)	313323	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.944	10.950	(1.006)	260242	35.2370	3200(MH)
62 Chrysene	228	10.903	10.909	(1.002)	36184	4.01744	370(a)
65 Benzo(b)fluoranthene	252	12.150	12.150	(0.961)	49399	4.61278	420
66 Benzo(k)fluoranthene	252	12.185	12.185	(0.964)	17518	1.54025	140(MH)
67 Benzo(a)pyrene	252	12.562	12.556	(0.994)	23410	2.81520	260(H)
* 84 Perylene-d12	264	12.638	12.632	(1.000)	347921	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.009	14.003	(1.108)	25070	4.04361	370
69 Dibenz(a,h)anthracene	278	14.038	14.038	(1.111)	5793	0.90645	83
70 Benzo(g,h,i)perylene	276	14.344	14.338	(1.135)	26109	3.91007	360(a)

QC Flag Legend

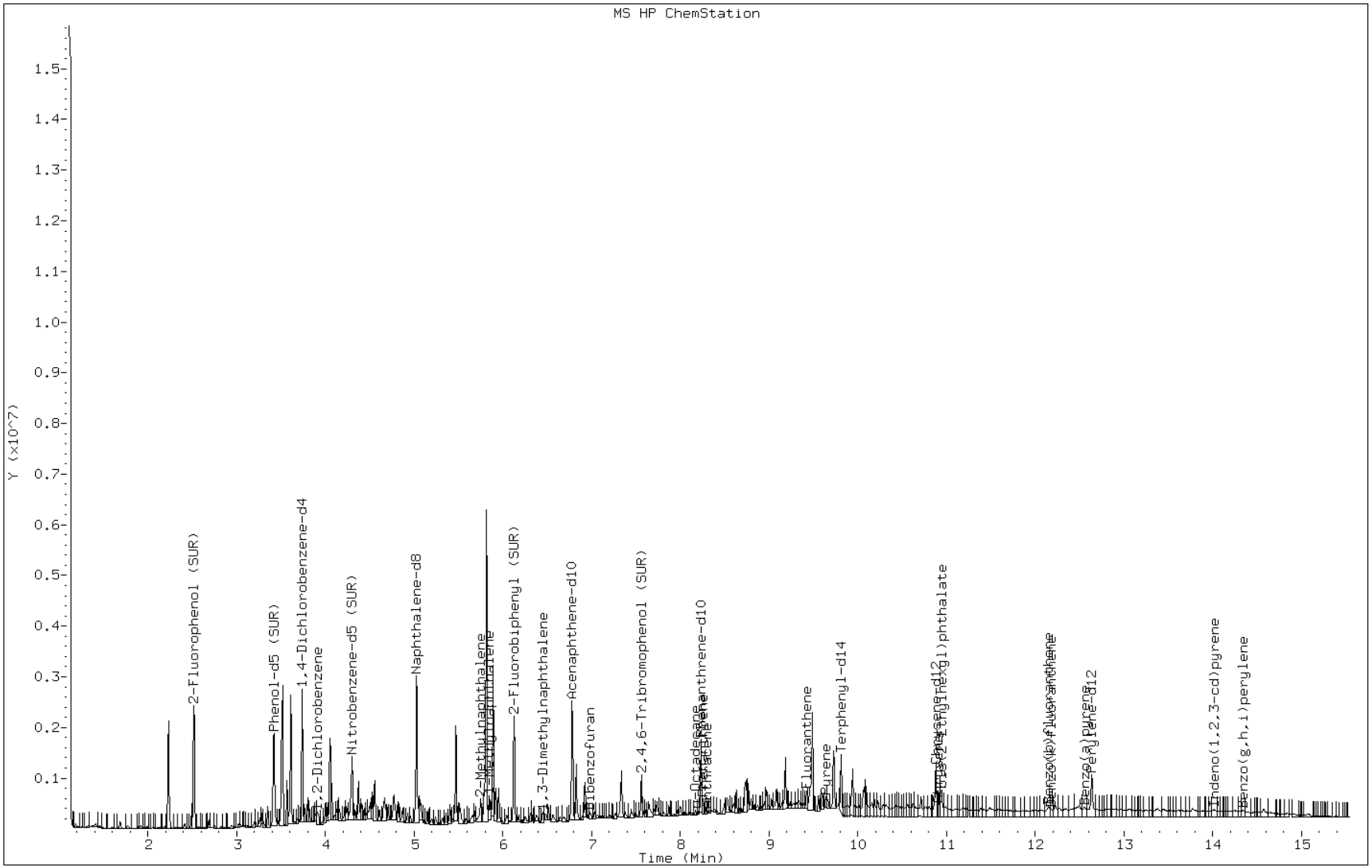
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4



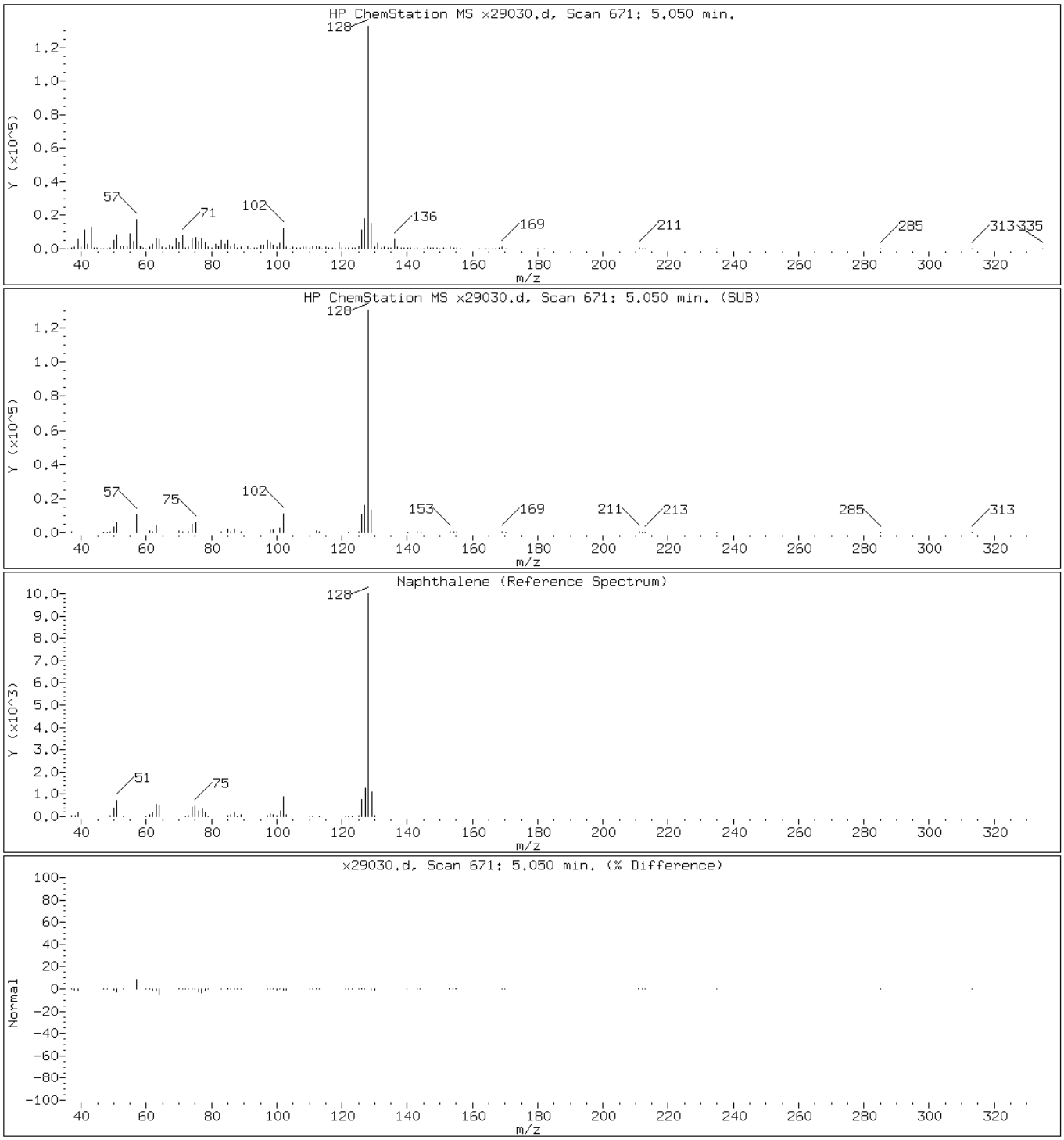
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

31 Naphthalene



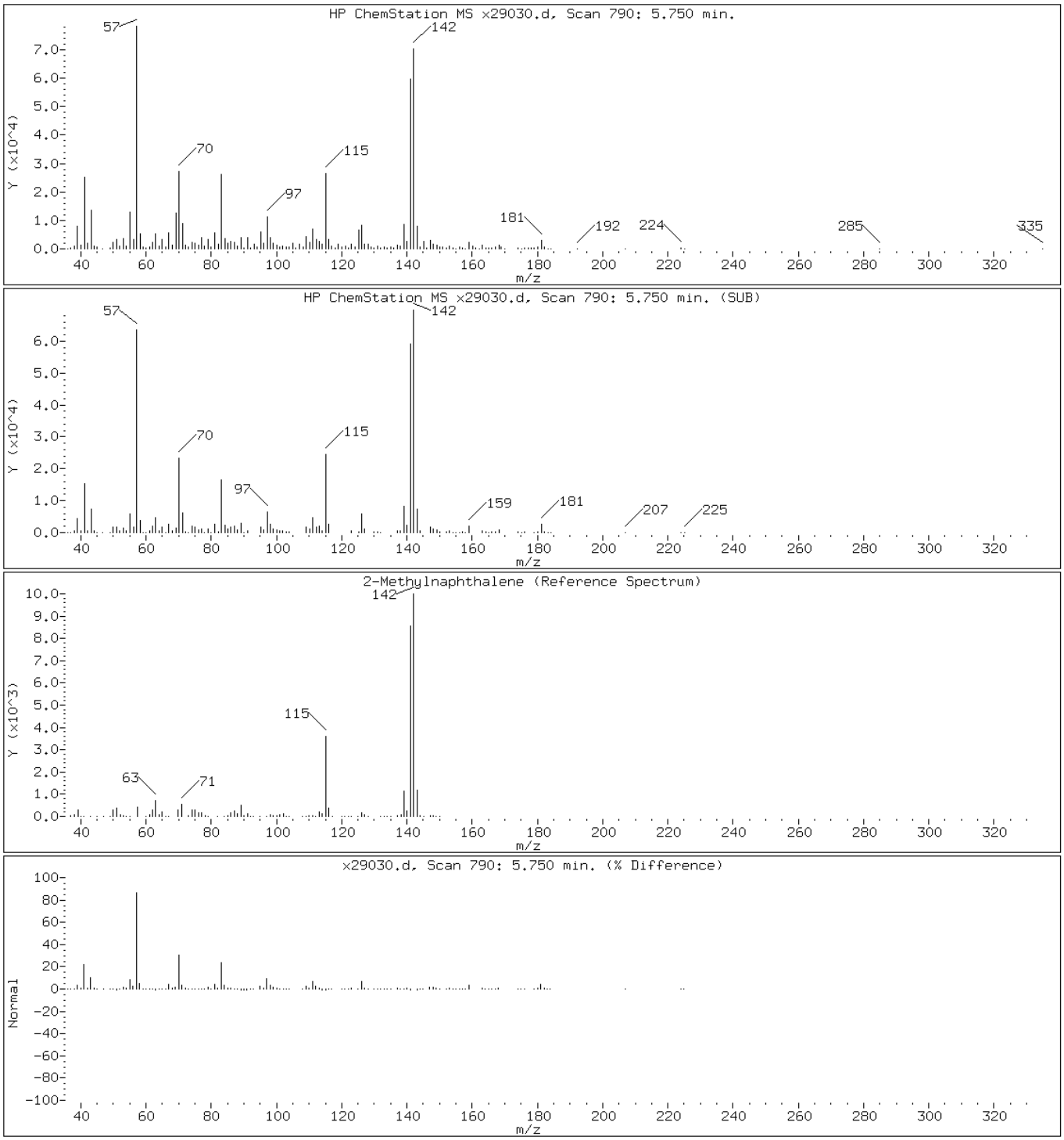
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

34 2-Methylnaphthalene



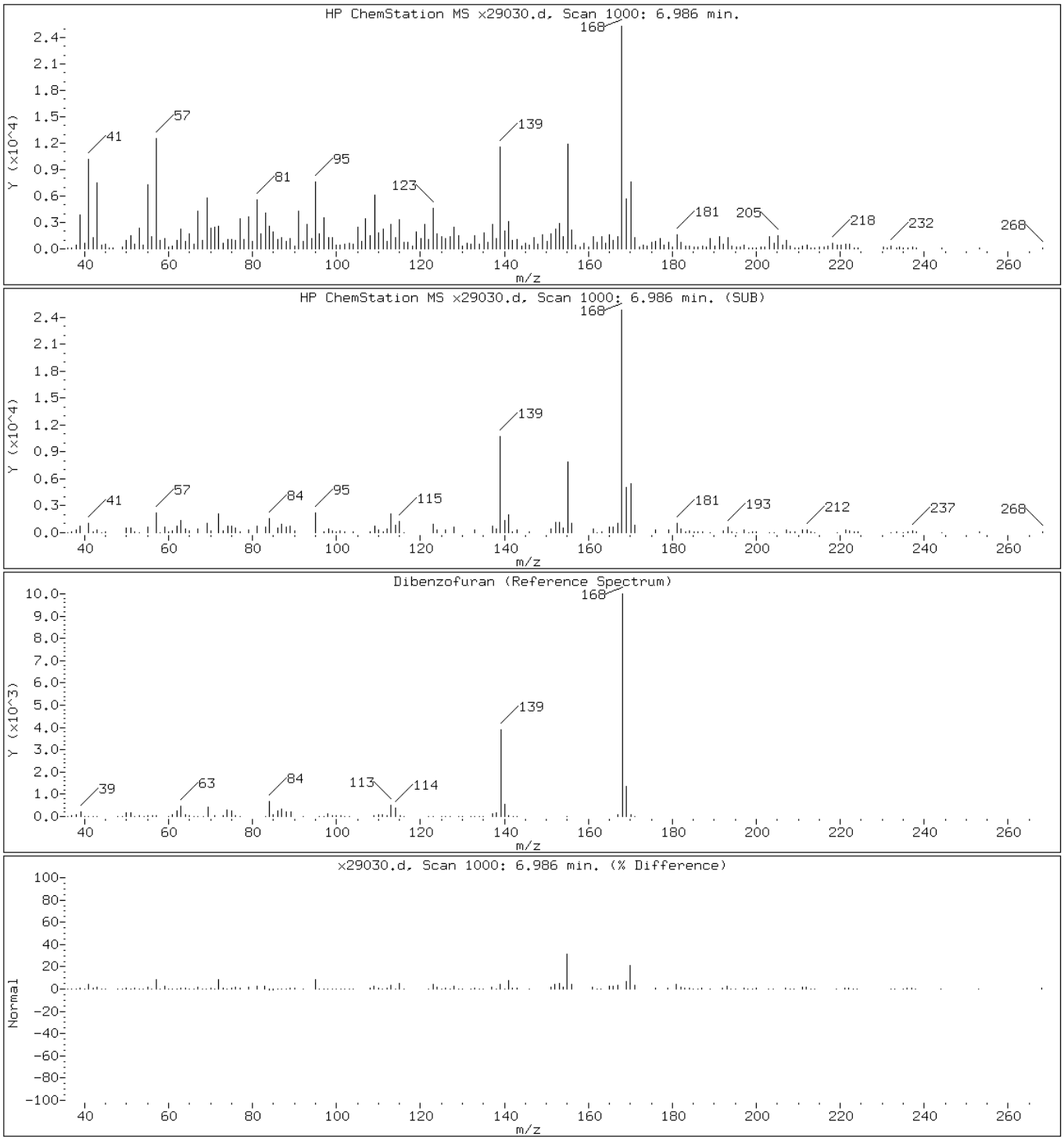
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

43 Dibenzofuran



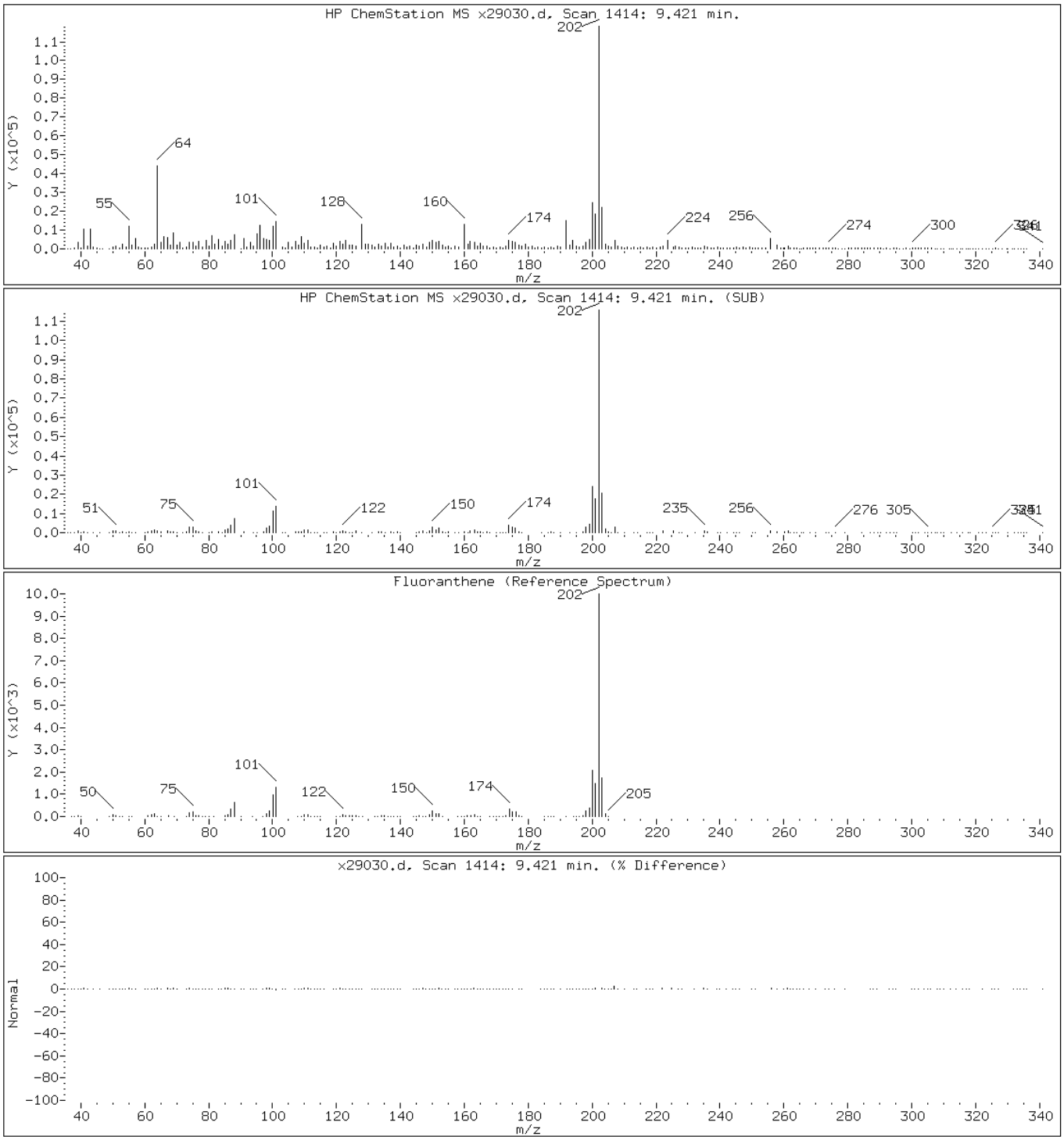
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

56 Fluoranthene



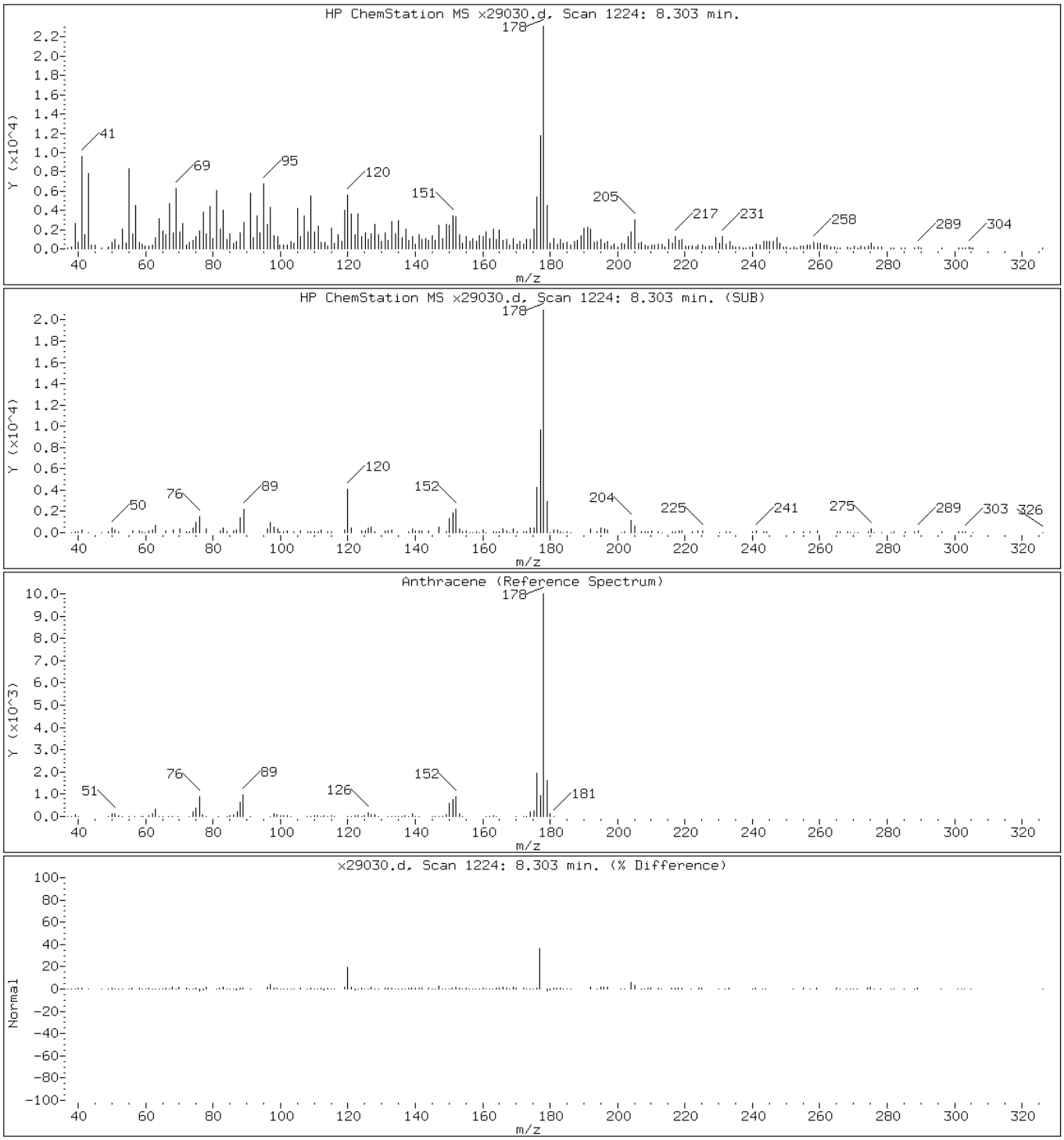
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

53 Anthracene



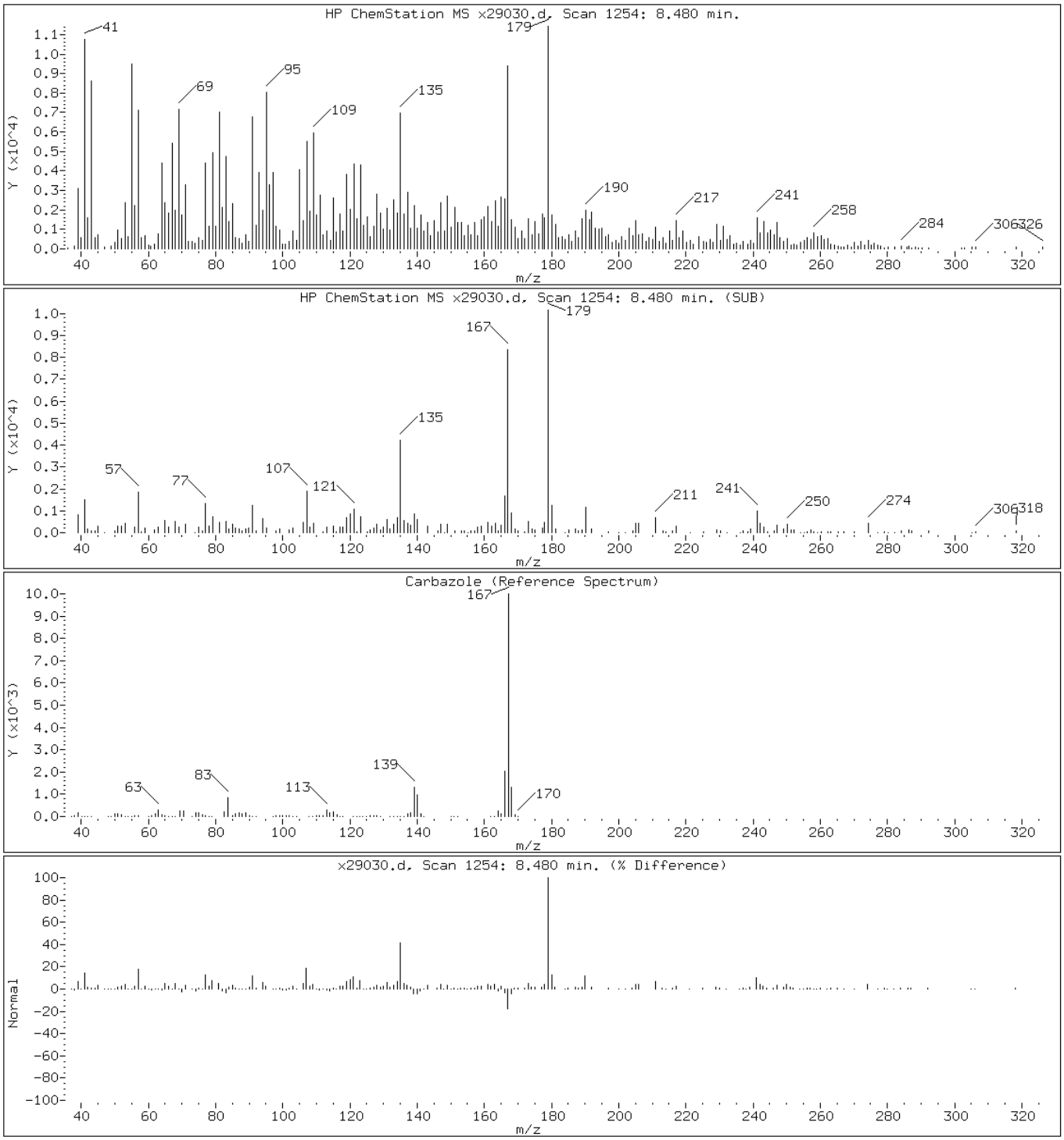
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

54 Carbazole



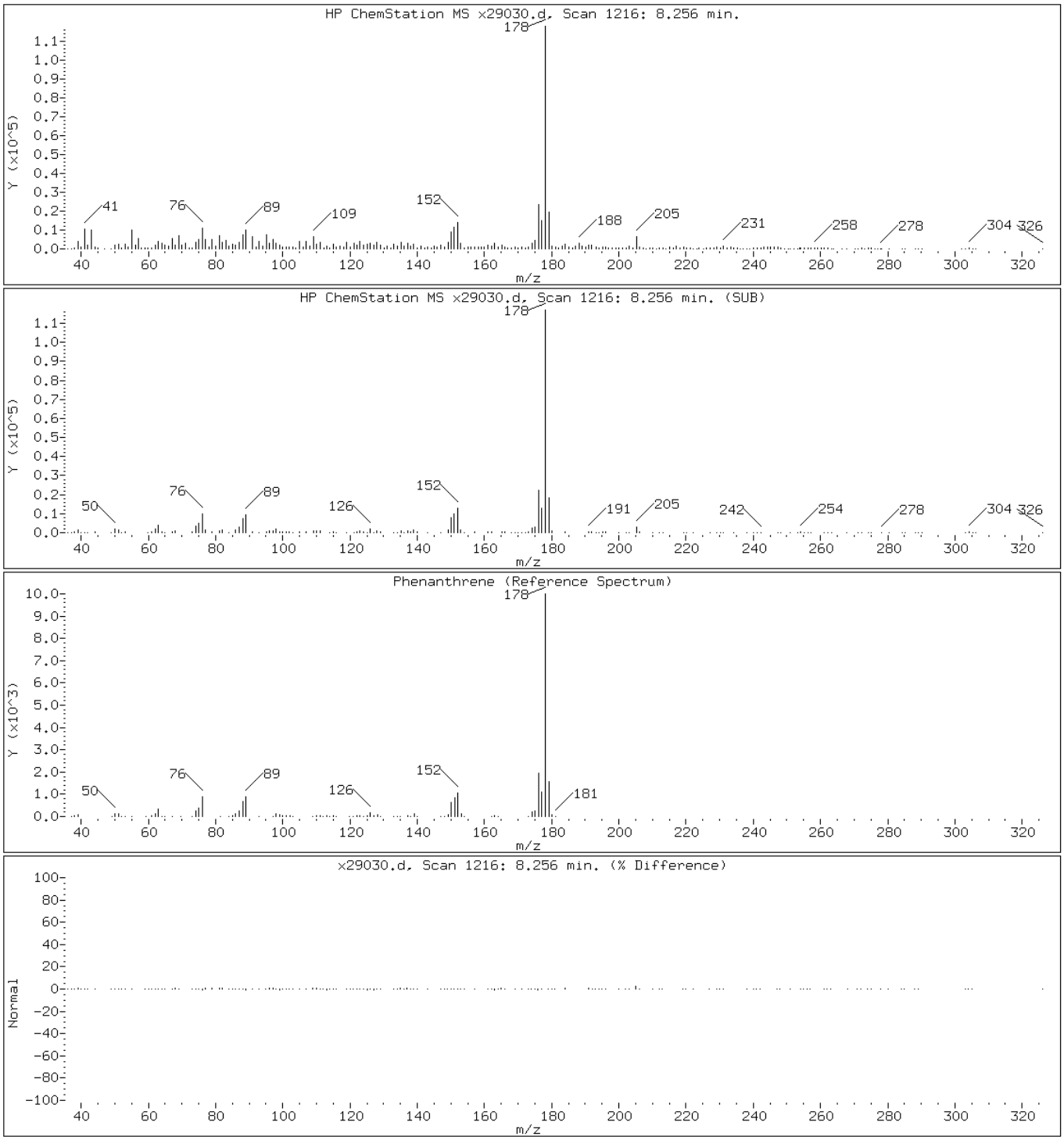
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

52 Phenanthrene



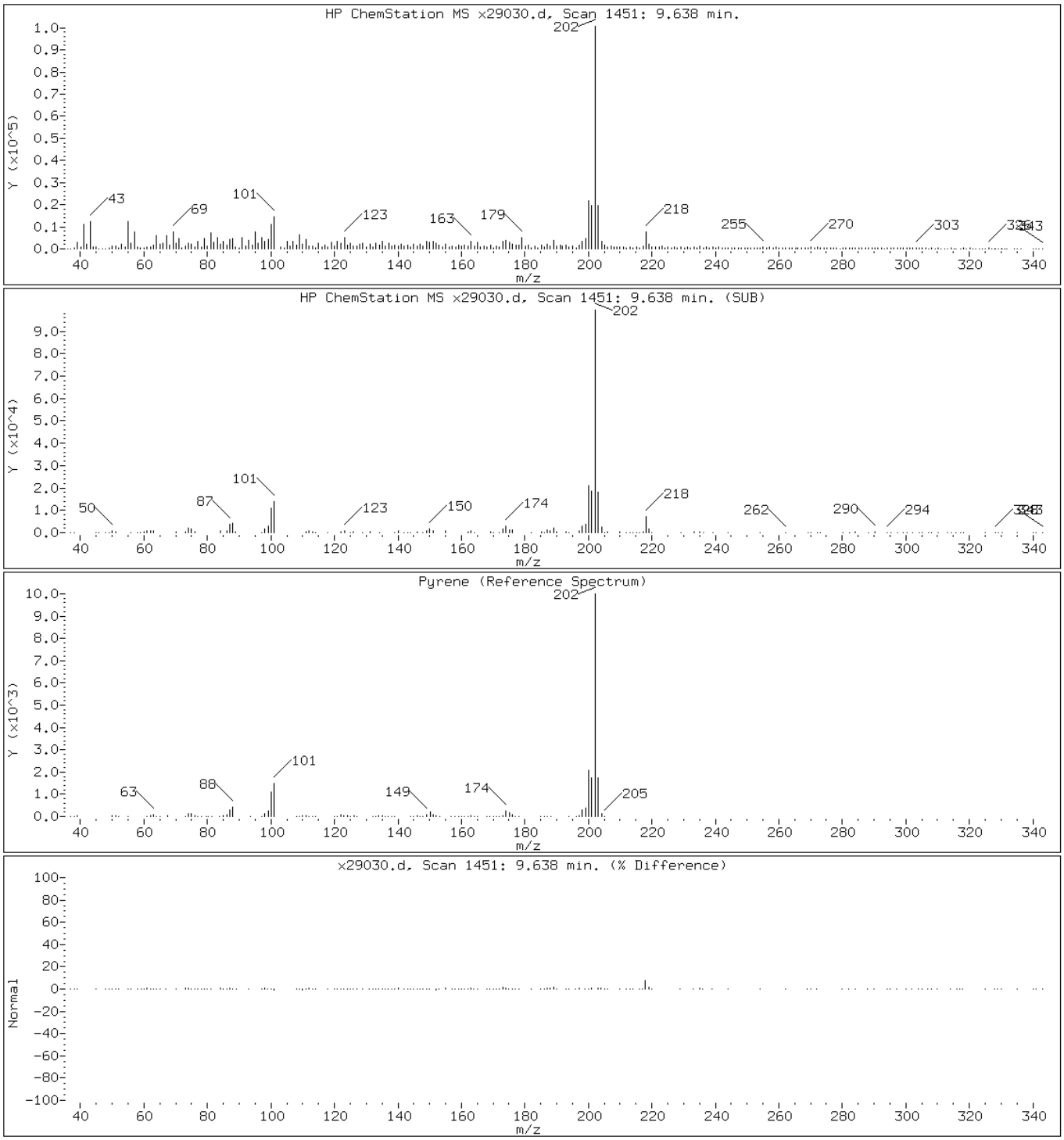
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

57 Pyrene



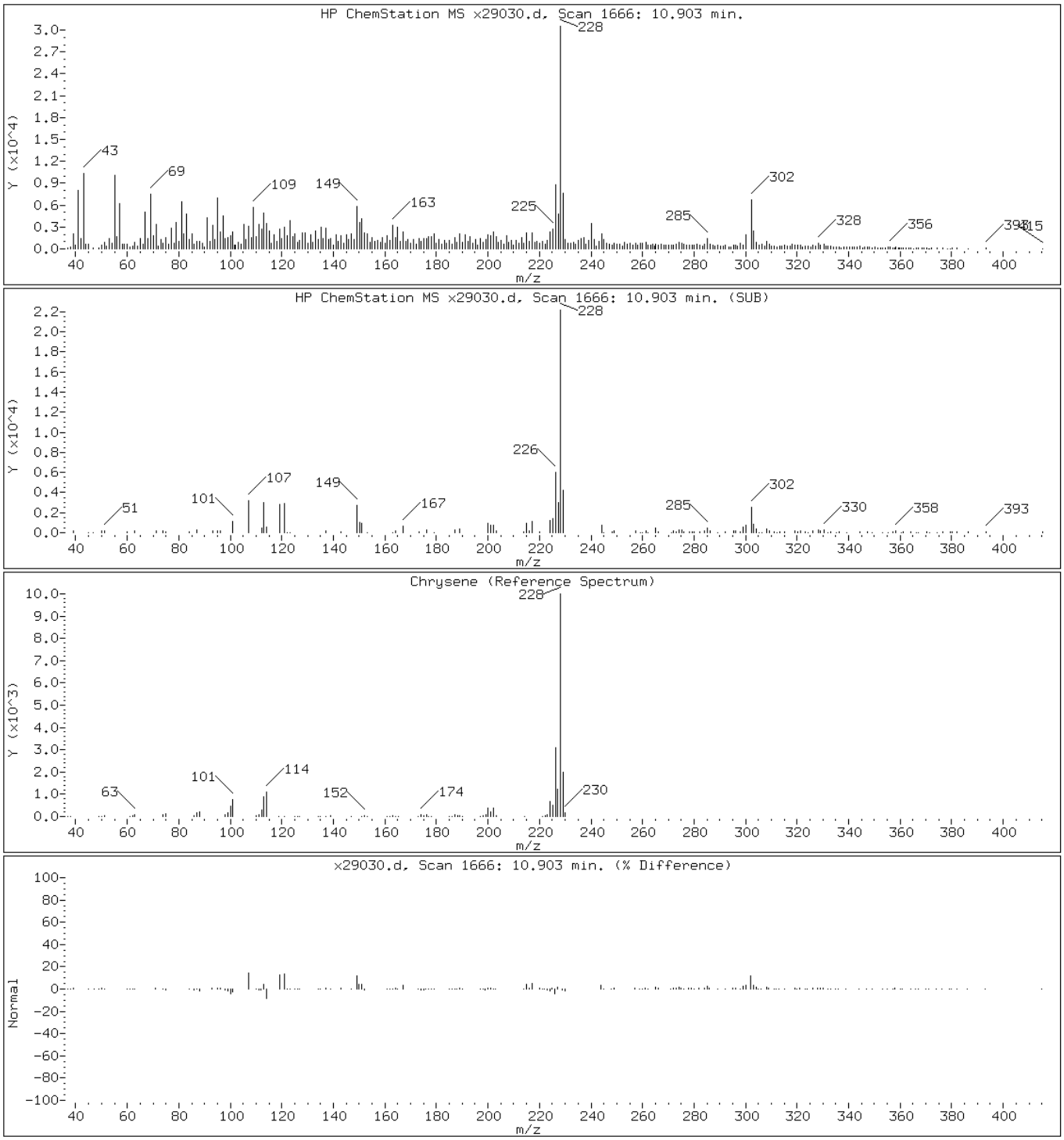
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

62 Chrysene



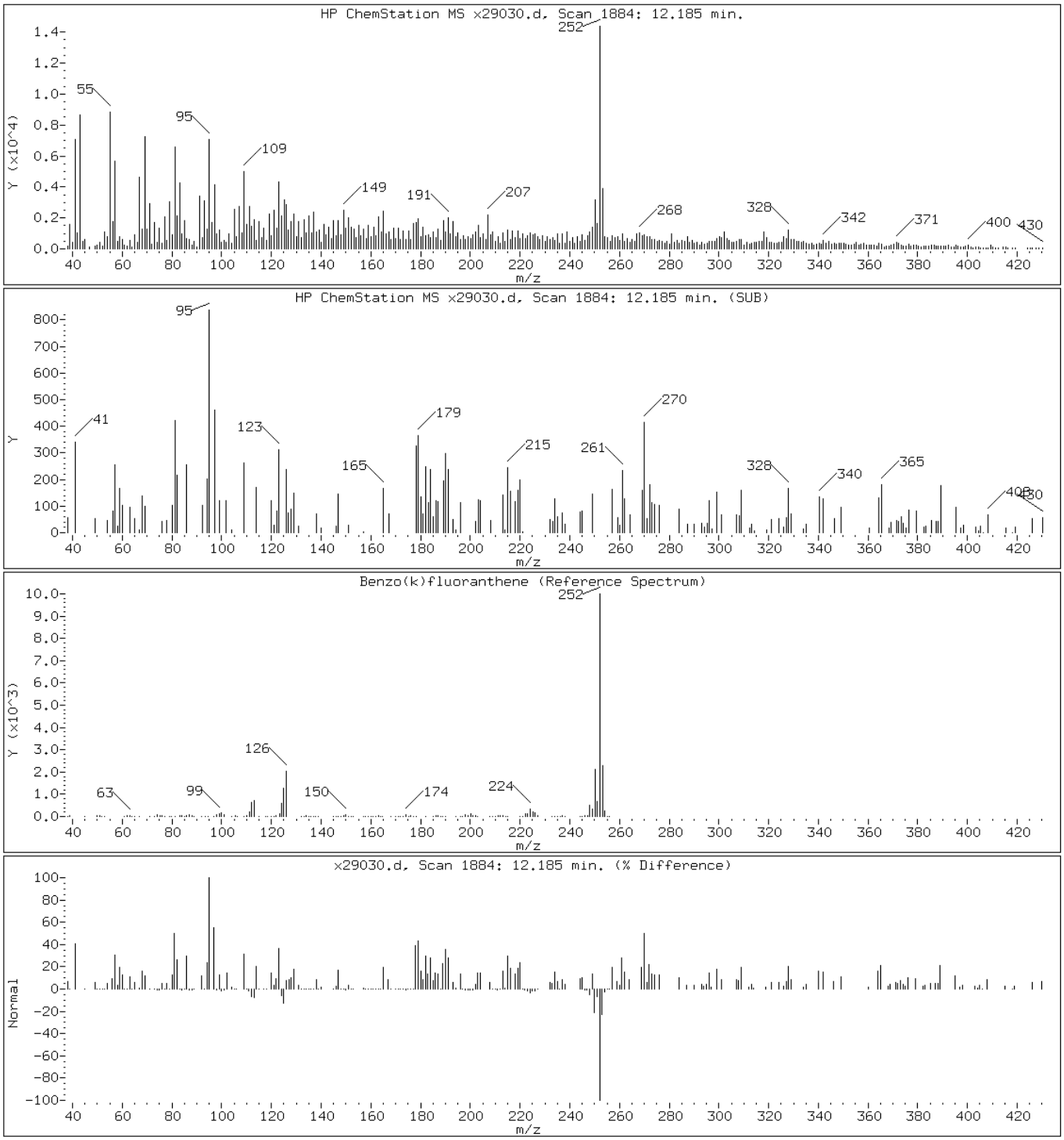
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

66 Benzo(k)fluoranthene



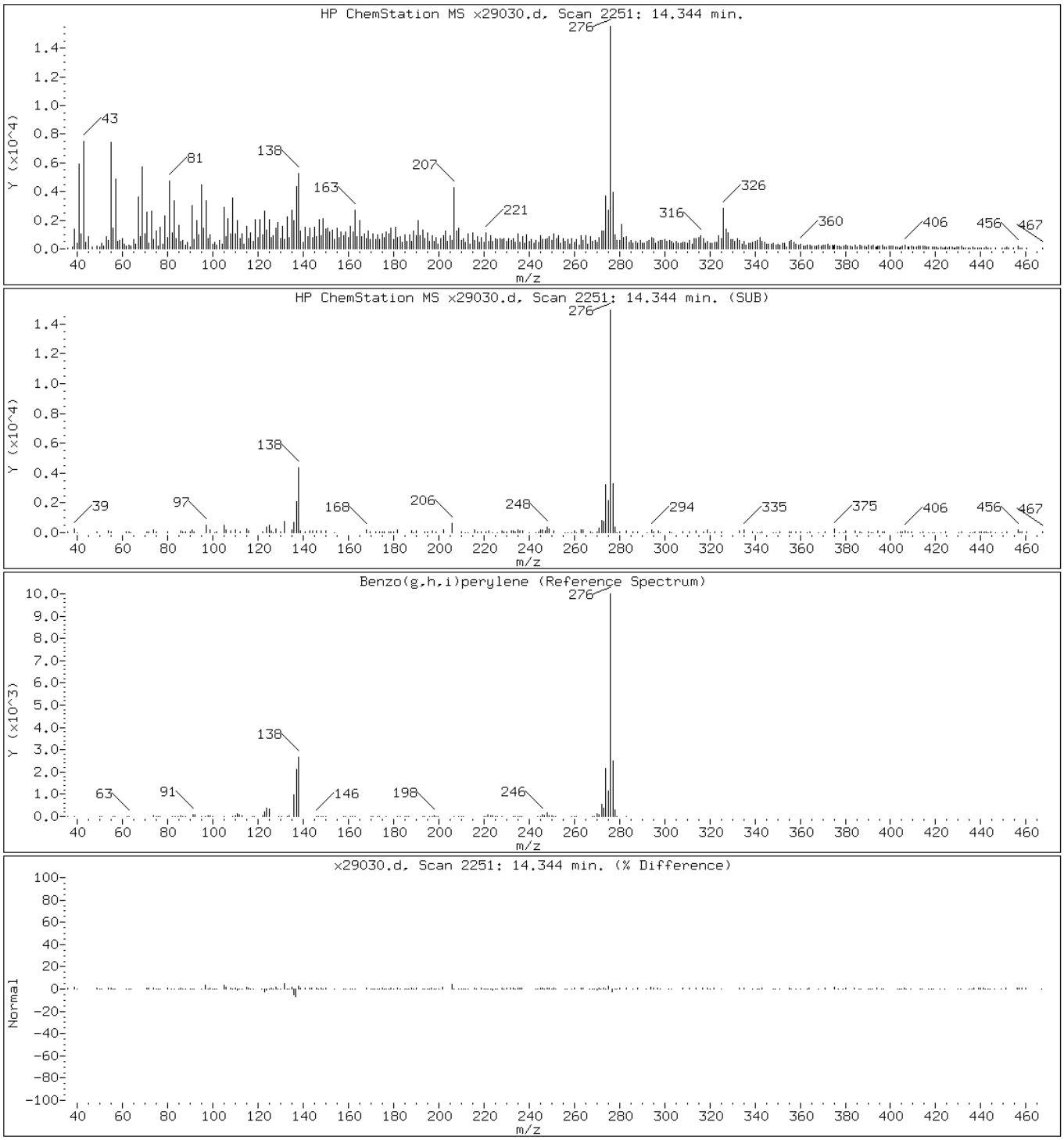
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

70 Benzo(g,h,i)perylene



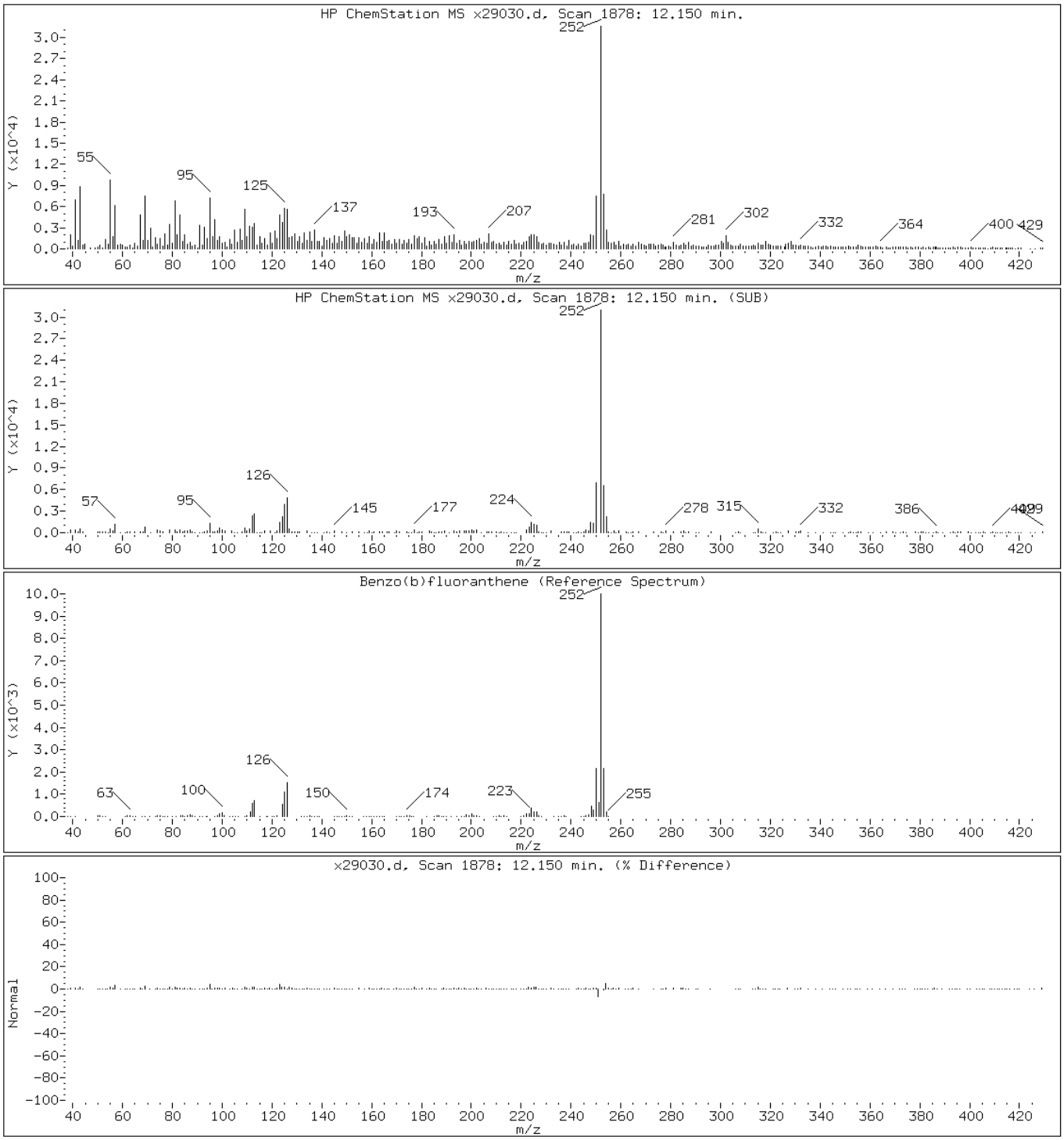
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



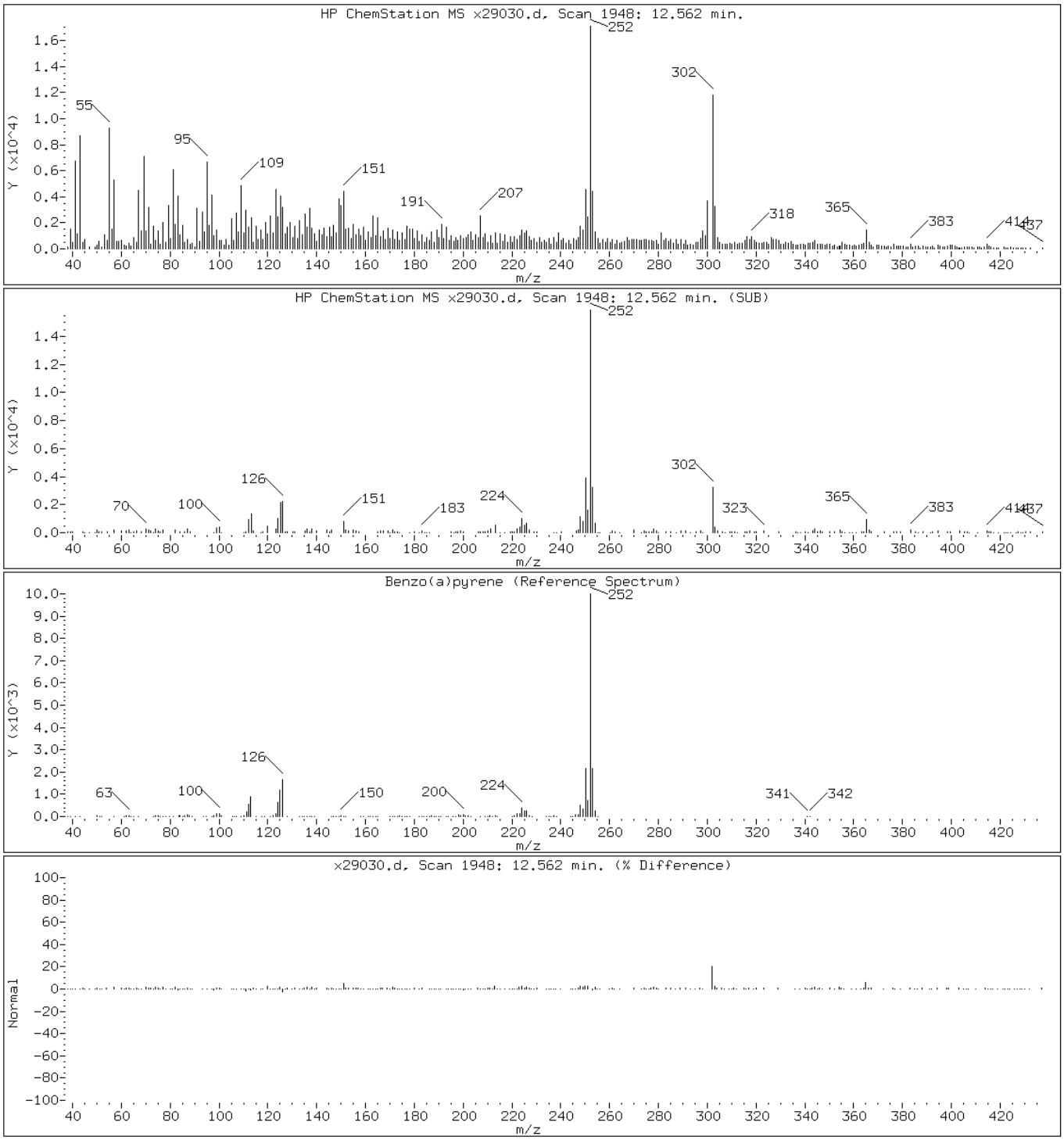
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

67 Benzo(a)pyrene



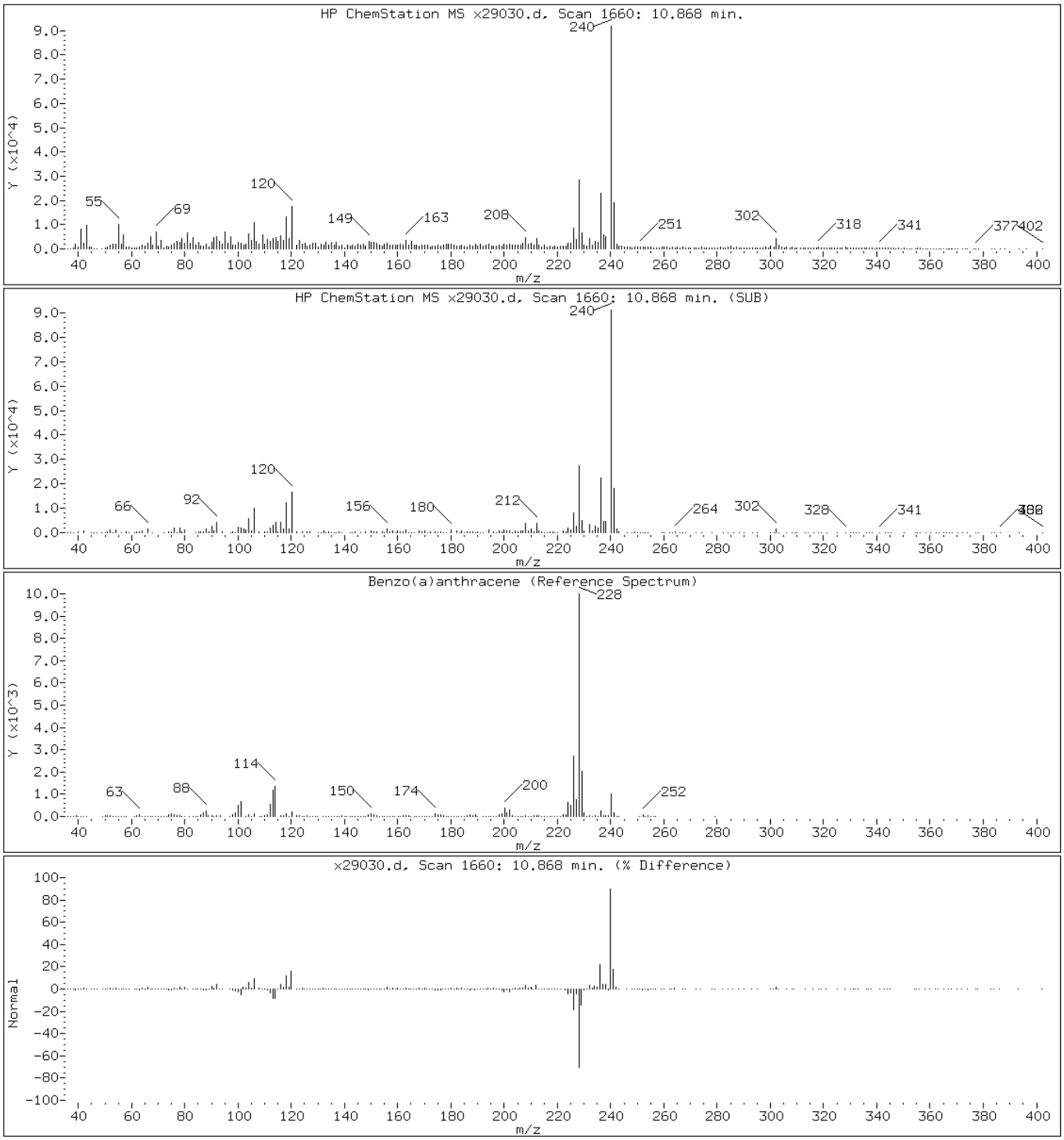
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

61 Benzo(a)anthracene



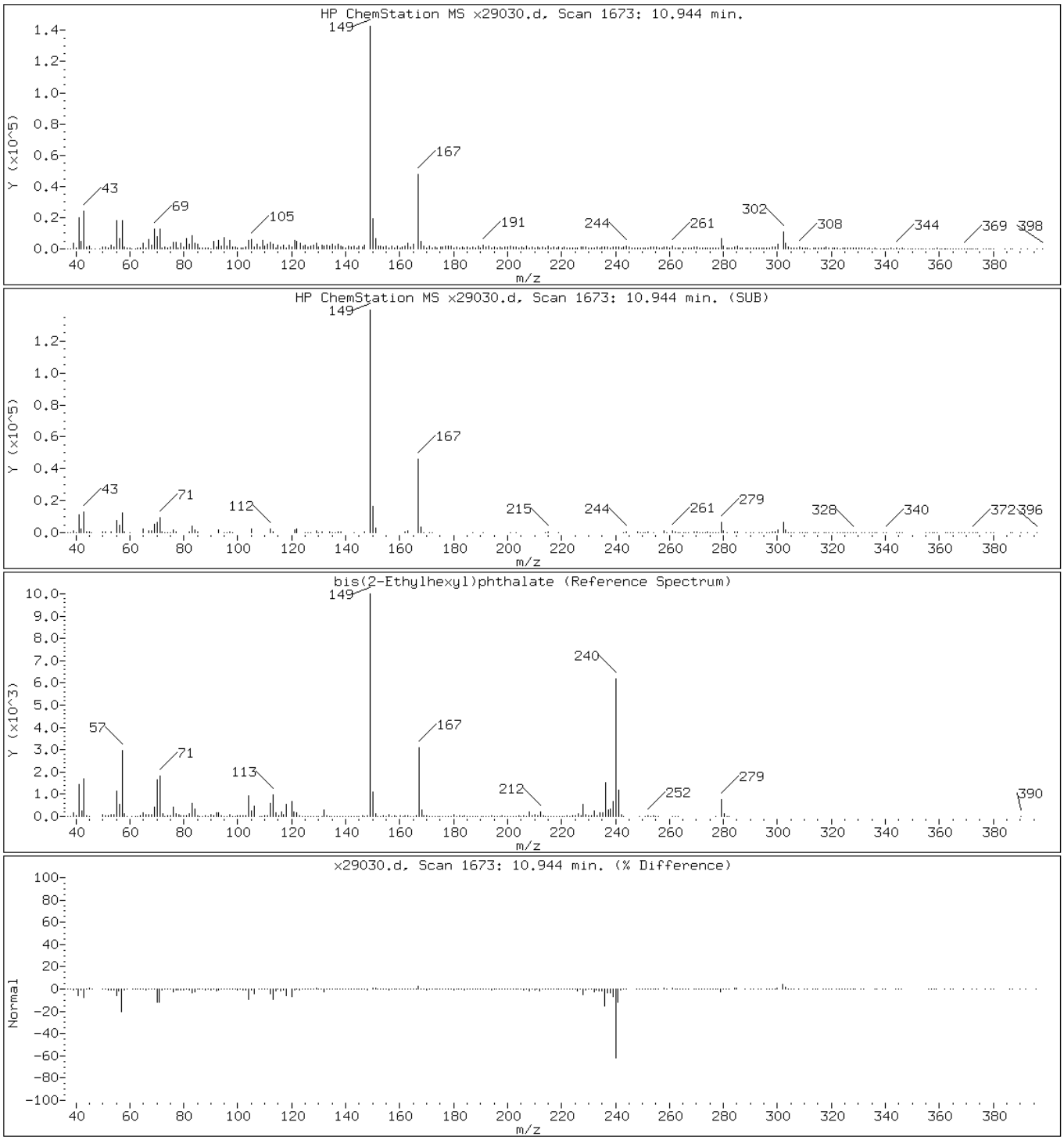
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



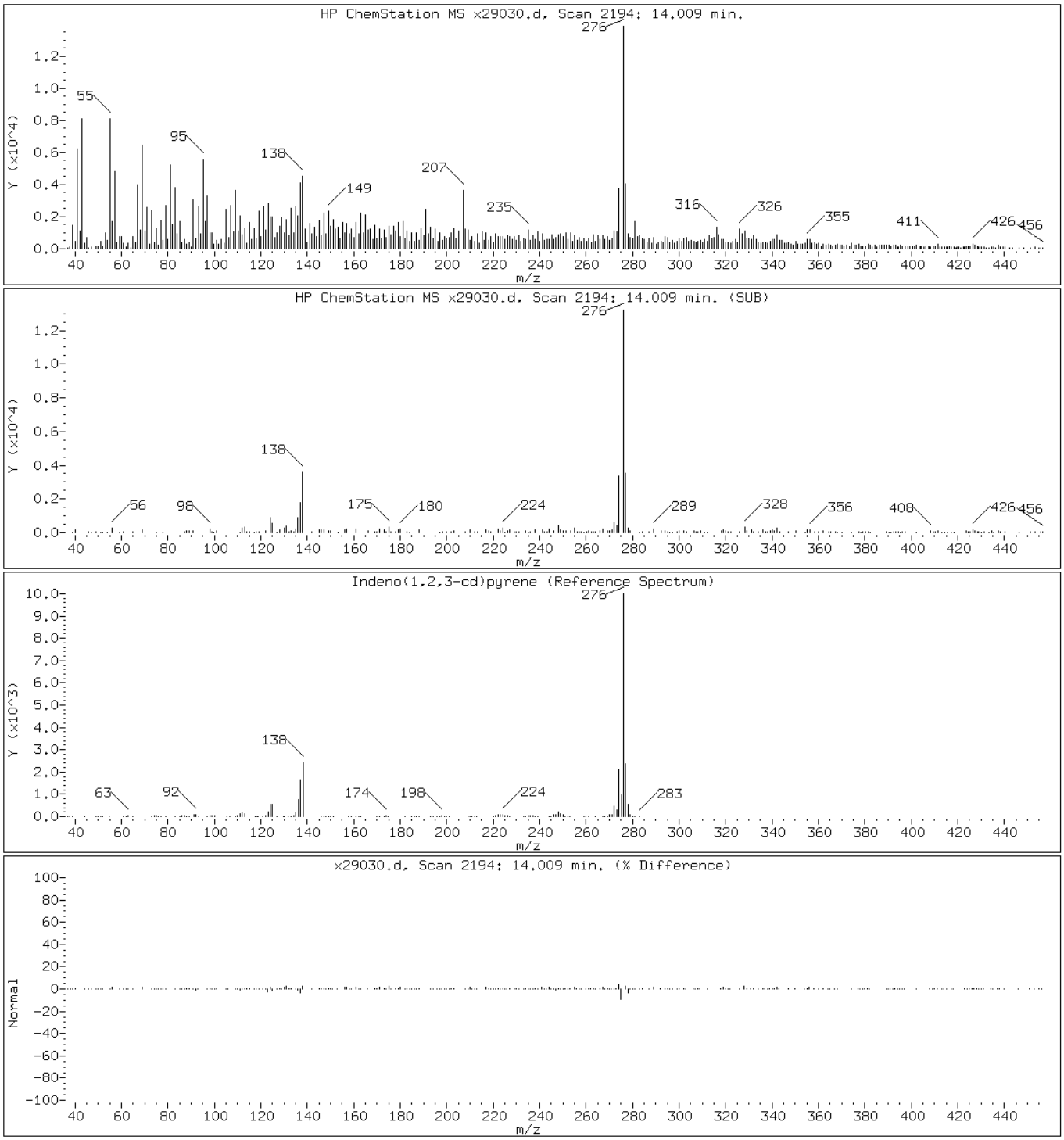
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



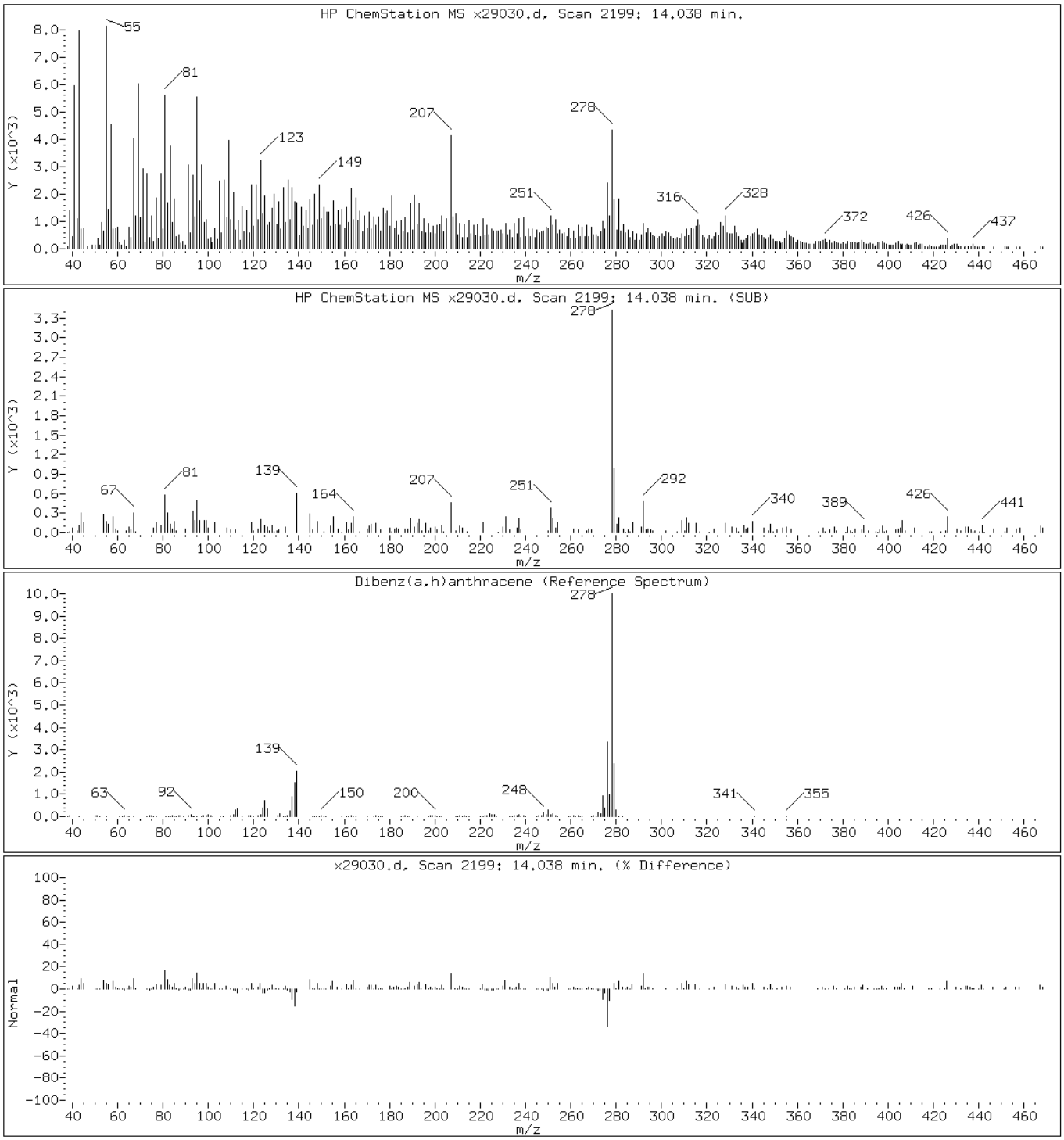
Data File: x29030.d

Date: 07-AUG-2012 23:23

Client ID: 20120731SB-394V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-8-C Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Manual Integration Report

Data File: x29030.d
Inj. Date and Time: 07-AUG-2012 23:23
Instrument ID: BNAMS5.i
Client ID: 20120731SB-394V7-8N
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 08/10/2012

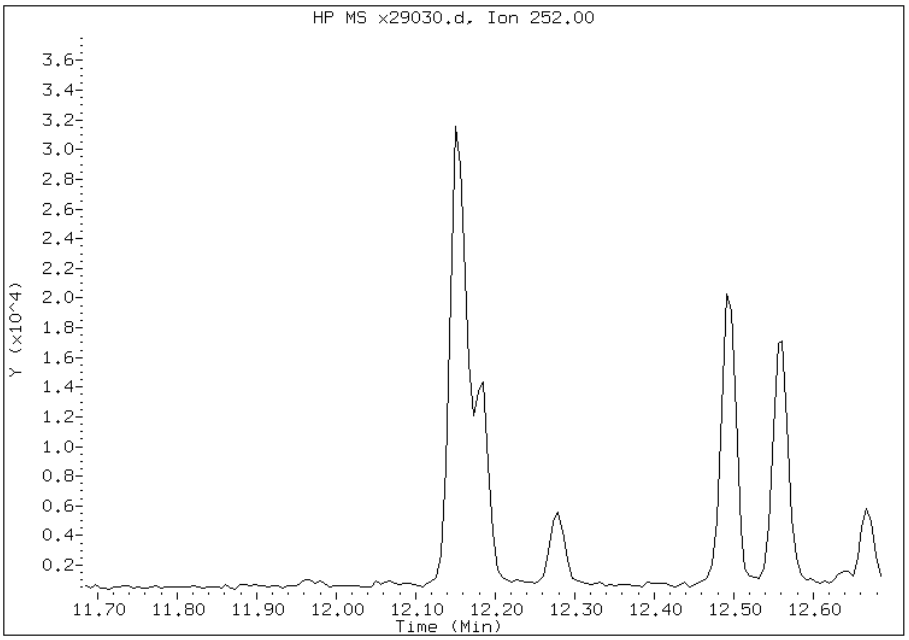
Processing Integration Results

RT: 12.67

Response: 6868

Amount: 1

Conc: 55



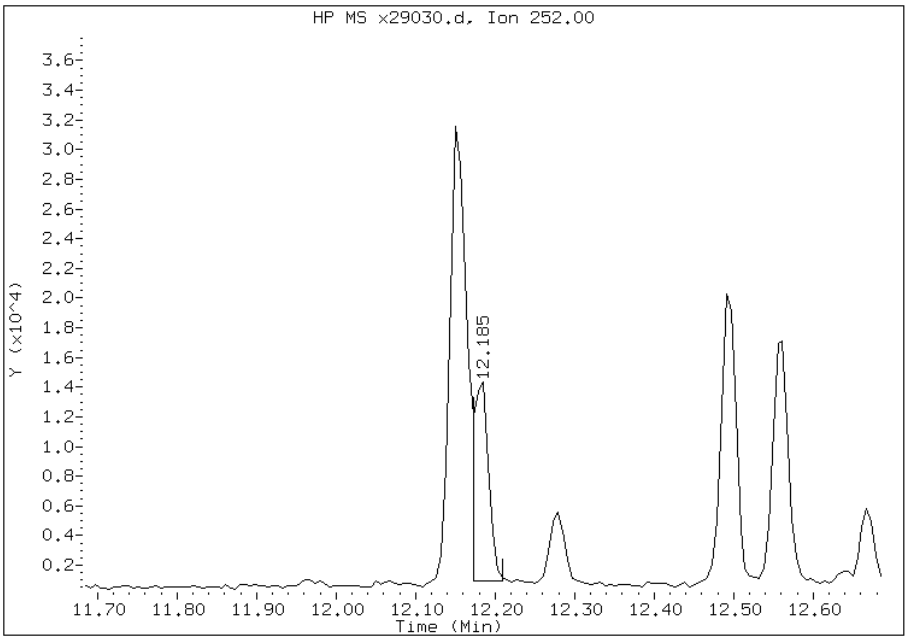
Manual Integration Results

RT: 12.19

Response: 17518

Amount: 2

Conc: 141



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x29030.d
Inj. Date and Time: 07-AUG-2012 23:23
Instrument ID: BNAMS5.i
Client ID: 20120731SB-394V7-8N
Compound: 63 bis(2-Ethylhexyl)phthalate
CAS #: 117-81-7
Report Date: 08/10/2012

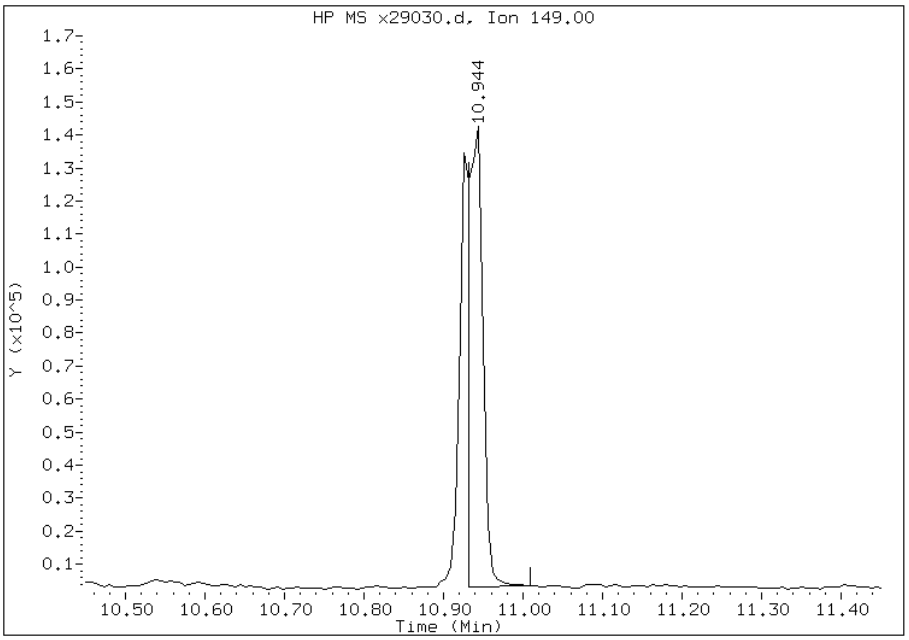
Processing Integration Results

RT: 10.94

Response: 173820

Amount: 24

Conc: 2158



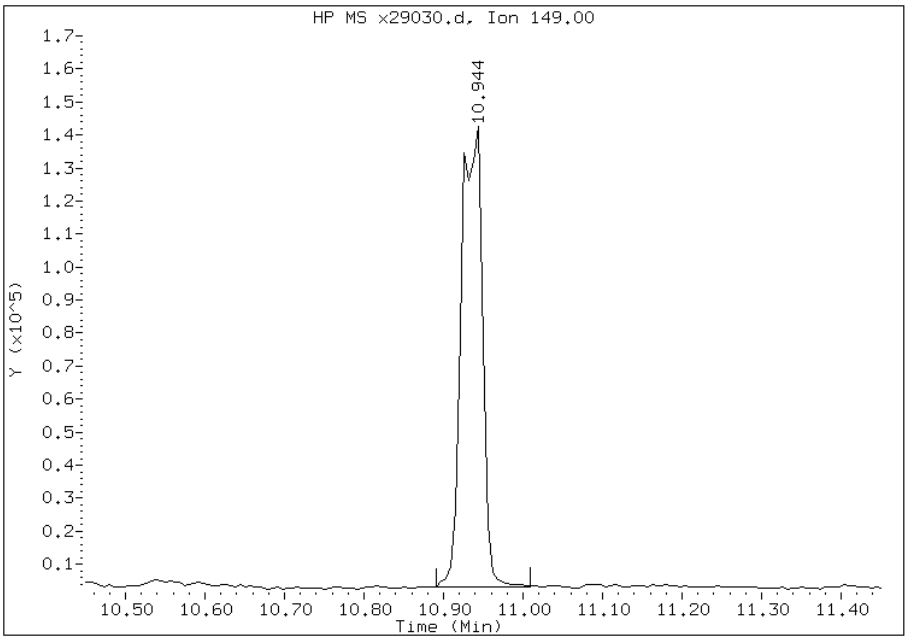
Manual Integration Results

RT: 10.94

Response: 260242

Amount: 35

Conc: 3231



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V0-2N | Lab Sample ID: 460-42971-9

Matrix: Solid | Lab File ID: x28895.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.03(g) | Date Analyzed: 08/03/2012 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	70	U	360	70
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	43	U	360	43
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	88	U	360	88
120-83-2	2,4-Dichlorophenol	52	U	360	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
91-20-3	Naphthalene	110	J	360	41
106-47-8	4-Chloroaniline	95	U	360	95
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	360	82
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	150	J	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	46	U	360	46
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	360	42
208-96-8	Acenaphthylene	42	U	360	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V0-2N | Lab Sample ID: 460-42971-9

Matrix: Solid | Lab File ID: x28895.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.03(g) | Date Analyzed: 08/03/2012 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	120	J	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	1100	97
101-55-3	4-Bromophenyl phenyl ether	35	U	360	35
1912-24-9	Atrazine	55	U	360	55
120-12-7	Anthracene	43	U	360	43
86-74-8	Carbazole	42	U	360	42
85-01-8	Phenanthrene	120	J	360	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	110	J	360	30
218-01-9	Chrysene	80	J	360	42
207-08-9	Benzo[k]fluoranthene	34	J	36	2.7
191-24-2	Benzo[g,h,i]perylene	44	J	360	26
205-99-2	Benzo[b]fluoranthene	77		36	2.3
50-32-8	Benzo[a]pyrene	63		36	2.5
56-55-3	Benzo[a]anthracene	73		36	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	45		36	6.6
53-70-3	Dibenz(a,h)anthracene	10	J	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	720	130
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U *	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	360	46

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V0-2N | Lab Sample ID: 460-42971-9

Matrix: Solid | Lab File ID: x28895.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.03(g) | Date Analyzed: 08/03/2012 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	48		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	39		10-120
367-12-4	2-Fluorophenol	54		37-125
321-60-8	2-Fluorobiphenyl	53		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28895.d
Report Date: 10-Aug-2012 01:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28895.d
Lab Smp Id: 460-42971-E-9-F Client Smp ID: 20120731SB-393V0-2N
Inj Date : 03-AUG-2012 07:14
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-9-F
Misc Info : 460-42971-E-9-F
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	7.52688	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.549	2.496	(0.680)	801031	53.7634	3900
$ 17 Phenol-d5 (SUR)	99	3.419	3.425	(0.912)	1069013	64.5200	4600
* 79 1,4-Dichlorobenzene-d4	152	3.749	3.754	(1.000)	434322	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.313	4.325	(0.856)	385856	24.2224	1700
* 80 Naphthalene-d8	136	5.037	5.048	(1.000)	1640623	40.0000	
31 Naphthalene	128	5.060	5.066	(1.005)	67691	1.56023	110(a)
34 2-Methylnaphthalene	142	5.760	5.766	(1.144)	58136	2.14189	150(a)
120 1-Methylnaphthalene	142	5.854	5.866	(1.162)	39105	1.41144	100(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.137	6.148	(0.903)	775855	26.5855	1900
125 1,3-Dimethylnaphthalene	156	6.460	6.472	(0.951)	22762	1.09774	79(a)
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	799999	40.0000	
43 Dibenzofuran	168	6.990	7.001	(1.029)	14184	0.45295	32(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	150138	39.4744	2800

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28895.d
Report Date: 10-Aug-2012 01:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
115 n-Octadecane	57	8.184	8.195	(0.992)	8057	0.64098	46(a)
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	1000424	40.0000	
52 Phenanthrene	178	8.266	8.278	(1.002)	48771	1.69358	120(a)
53 Anthracene	178	8.313	8.325	(1.008)	4854	0.16610	12(a)
56 Fluoranthene	202	9.431	9.442	(1.143)	43998	1.68232	120(a)
57 Pyrene	202	9.648	9.660	(0.886)	38989	1.55926	110(a)
$ 78 Terphenyl-d14	244	9.825	9.830	(0.902)	773186	42.4647	3000
61 Benzo(a)anthracene	228	10.878	10.889	(0.999)	18306	1.01732	73(H)
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	582852	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.954	10.972	(1.006)	18141	1.32043	95(a)
62 Chrysene	228	10.913	10.930	(1.002)	18565	1.10806	80(a)
65 Benzo(b)fluoranthene	252	12.160	12.177	(0.961)	15312	1.07703	77
66 Benzo(k)fluoranthene	252	12.189	12.213	(0.961)	7168	0.47479	34(aMH)
67 Benzo(a)pyrene	252	12.566	12.583	(0.993)	9644	0.87361	63
* 84 Perylene-d12	264	12.648	12.660	(1.000)	461880	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.013	14.030	(1.108)	5114	0.62438	45
69 Dibenz(a,h)anthracene	278	14.048	14.066	(1.111)	1222	0.14416	10(a)
70 Benzo(g,h,i)perylene	276	14.348	14.371	(1.134)	5366	0.60534	44(a)

QC Flag Legend

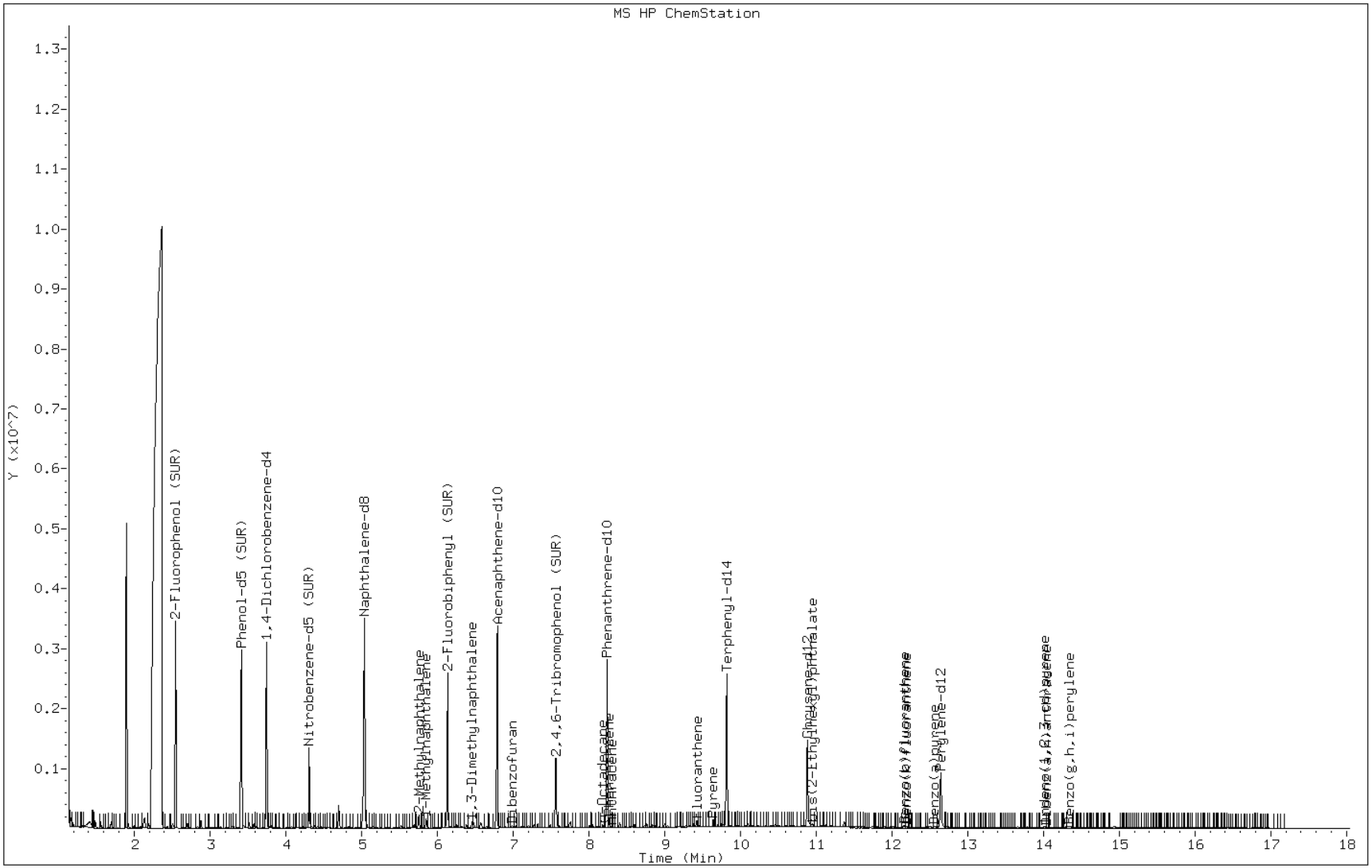
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4



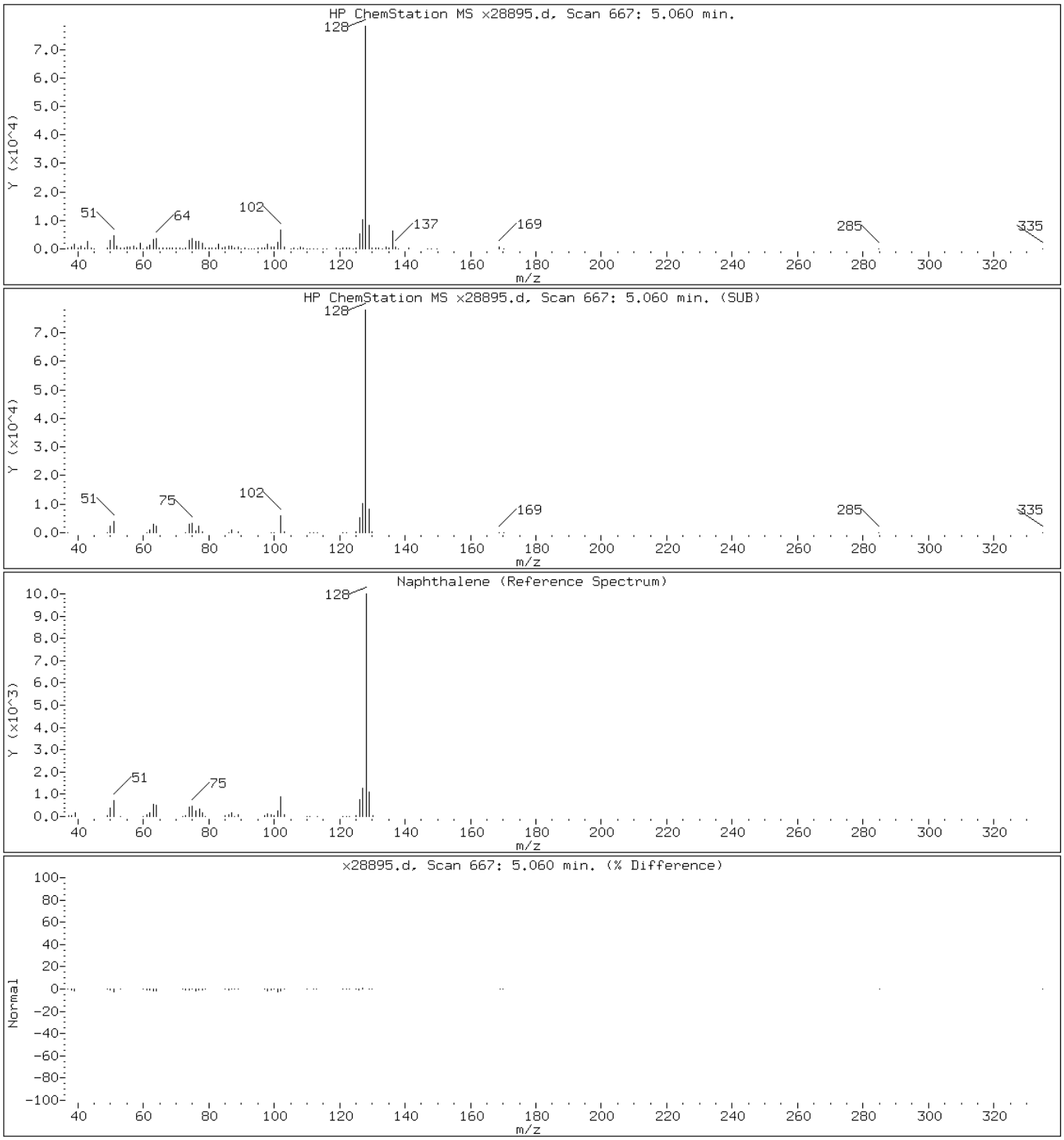
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

31 Naphthalene



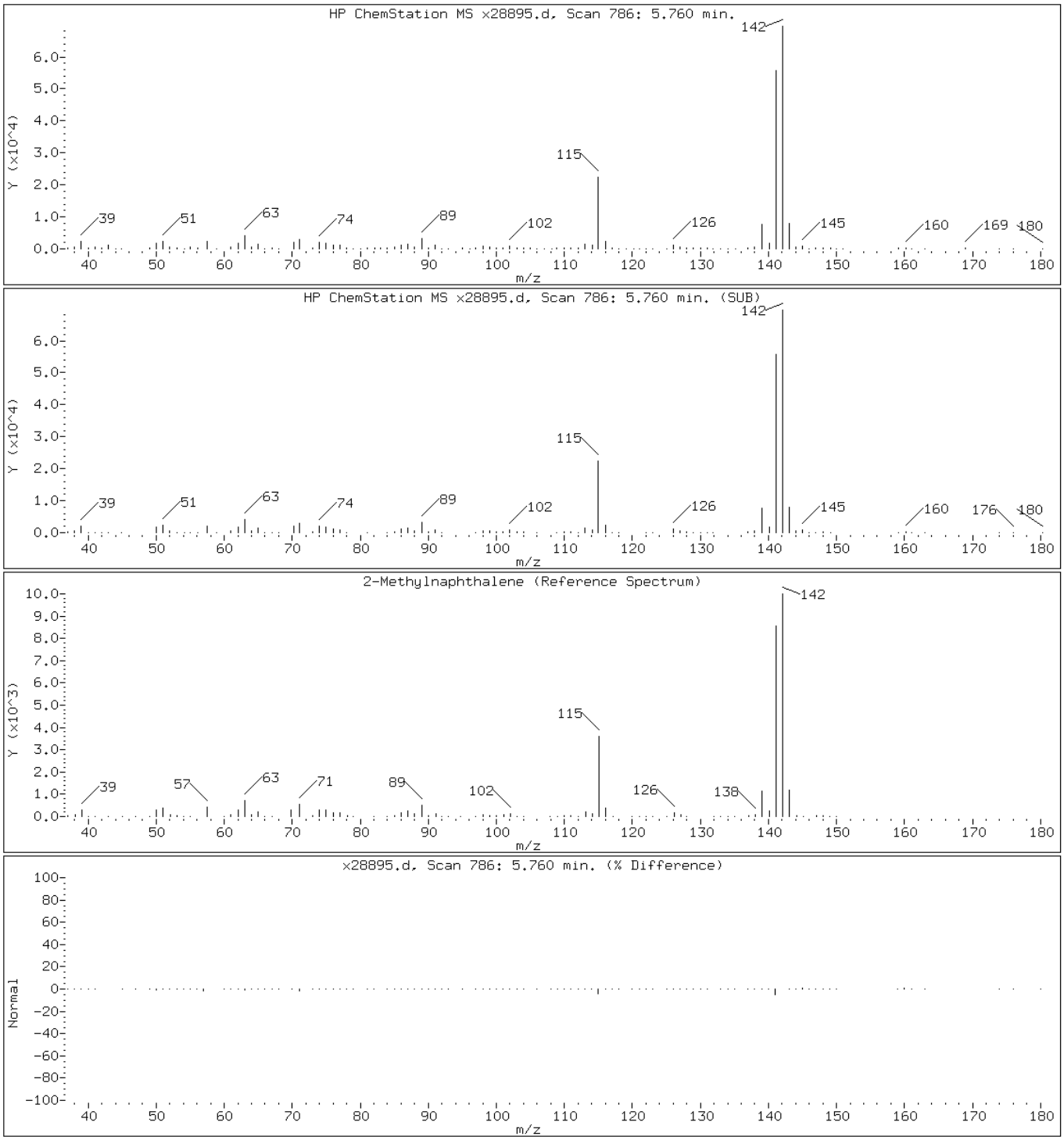
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

34 2-Methylnaphthalene



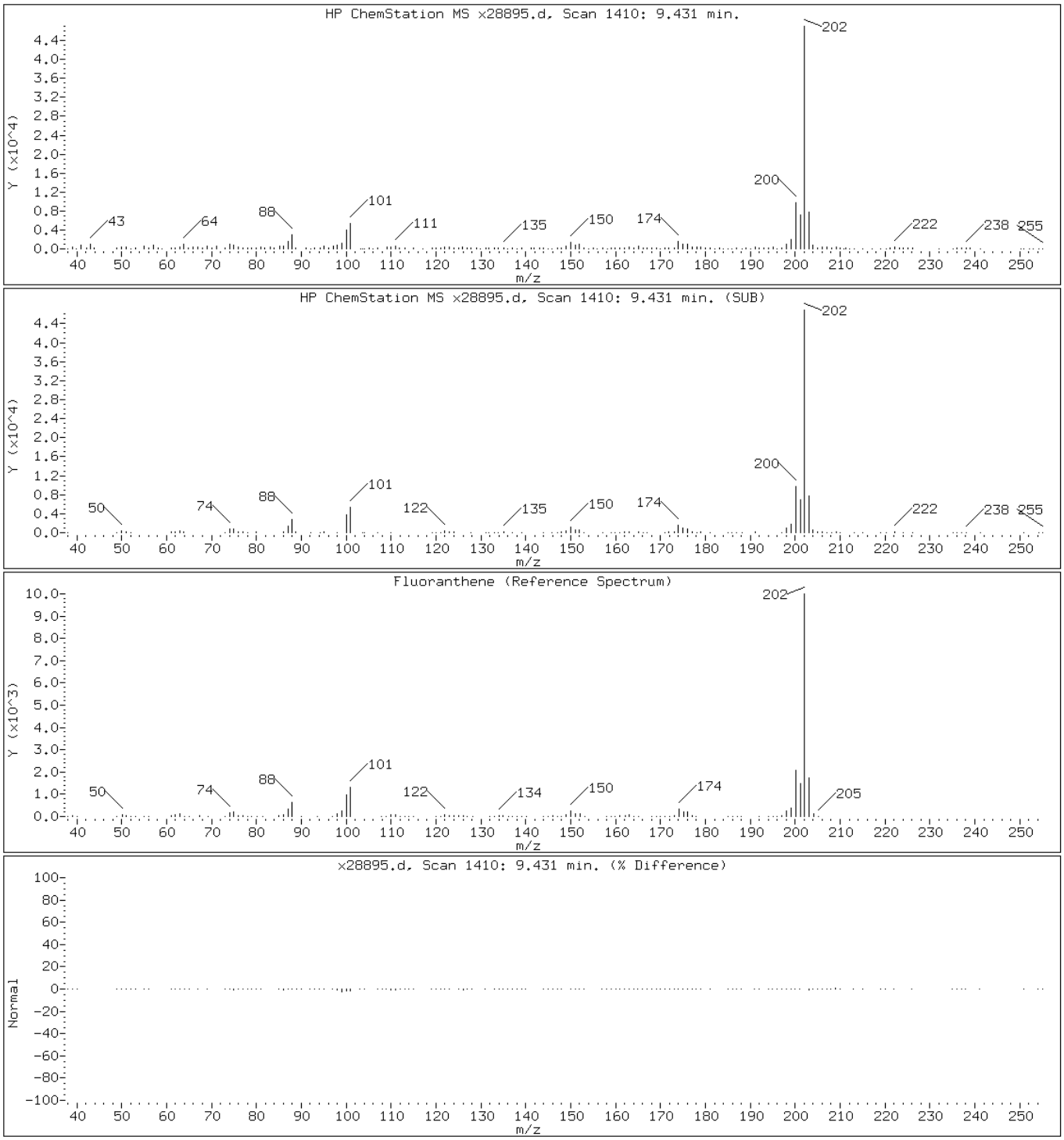
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

56 Fluoranthene



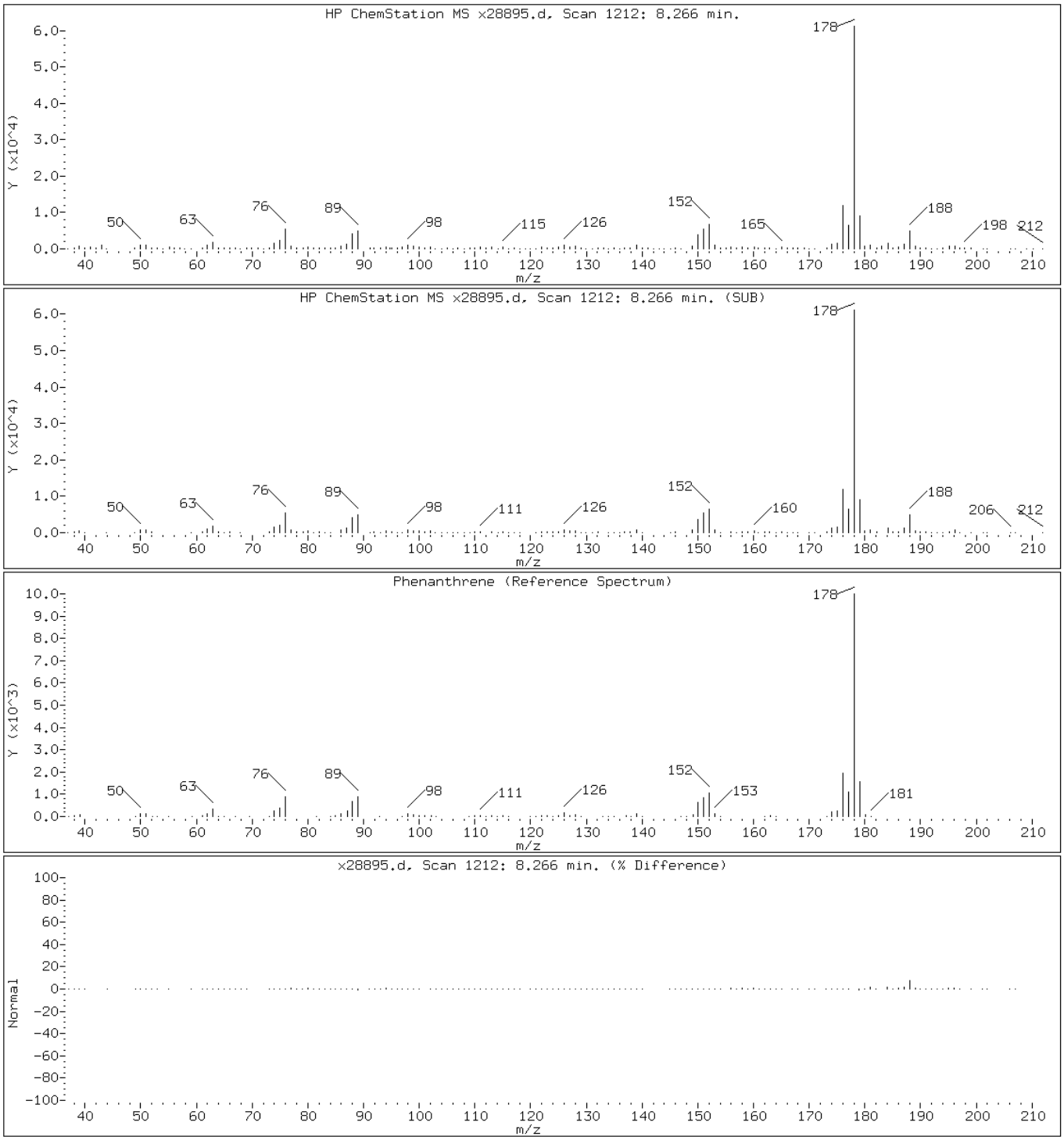
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

52 Phenanthrene



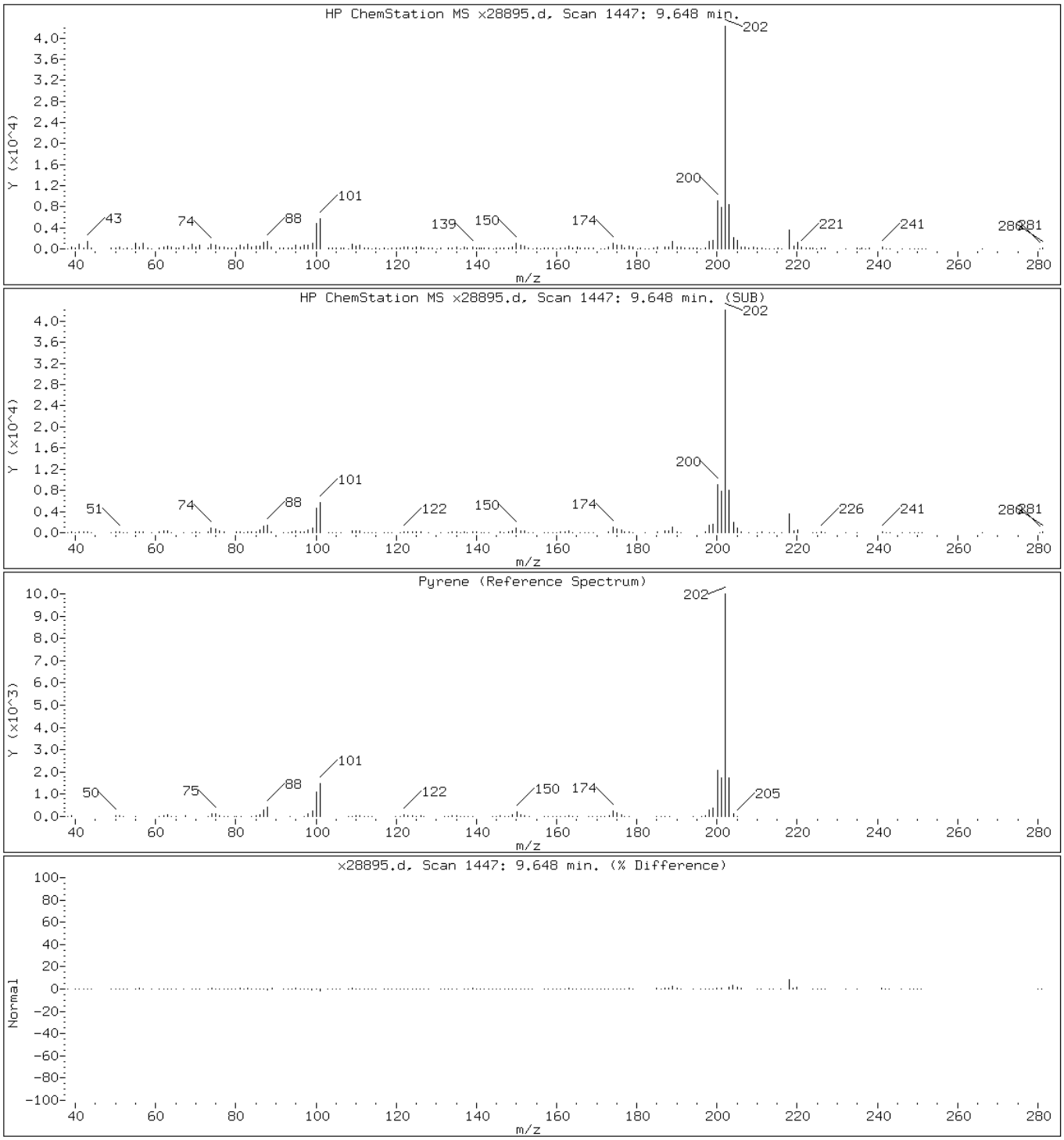
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

57 Pyrene



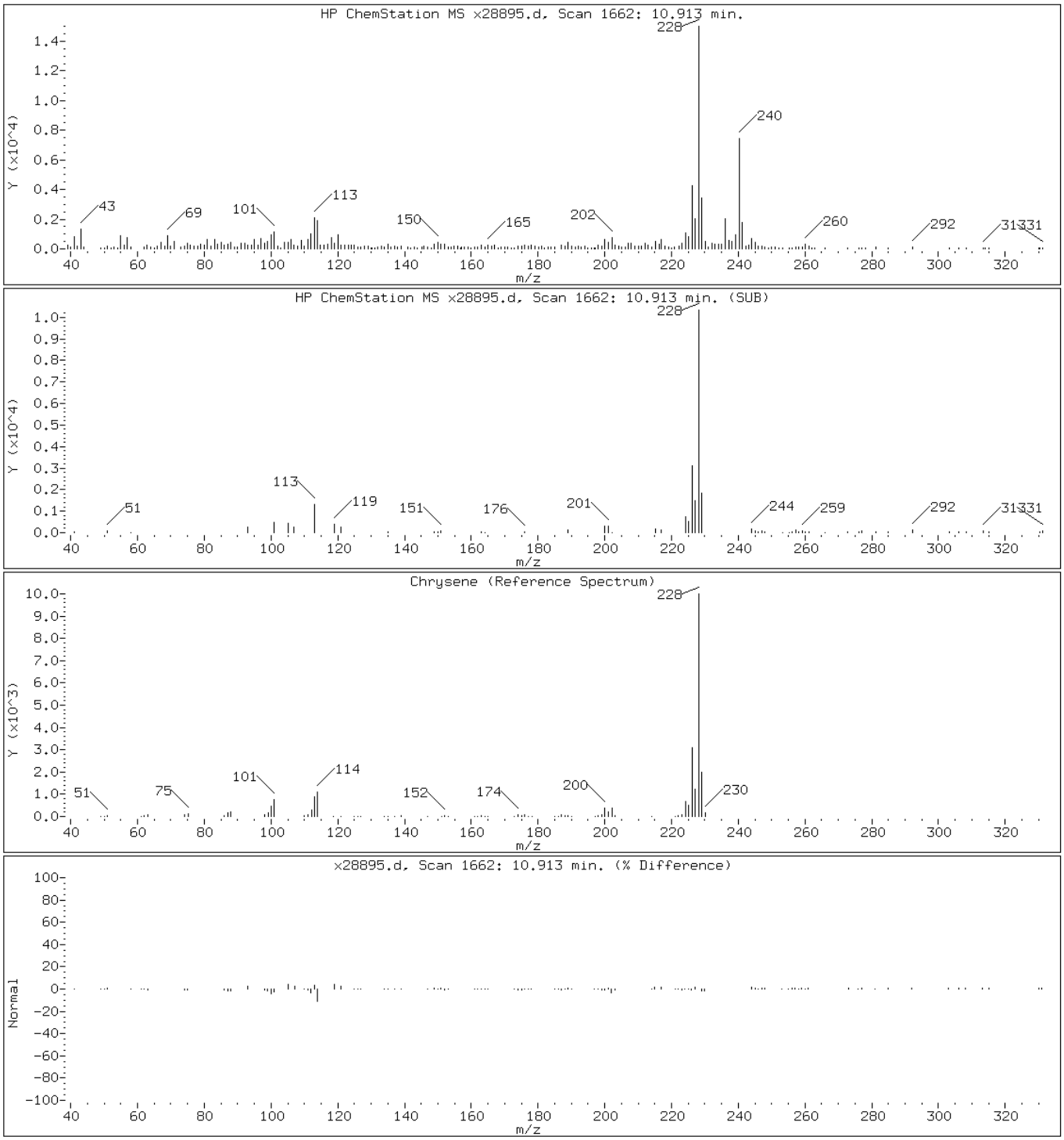
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

62 Chrysene



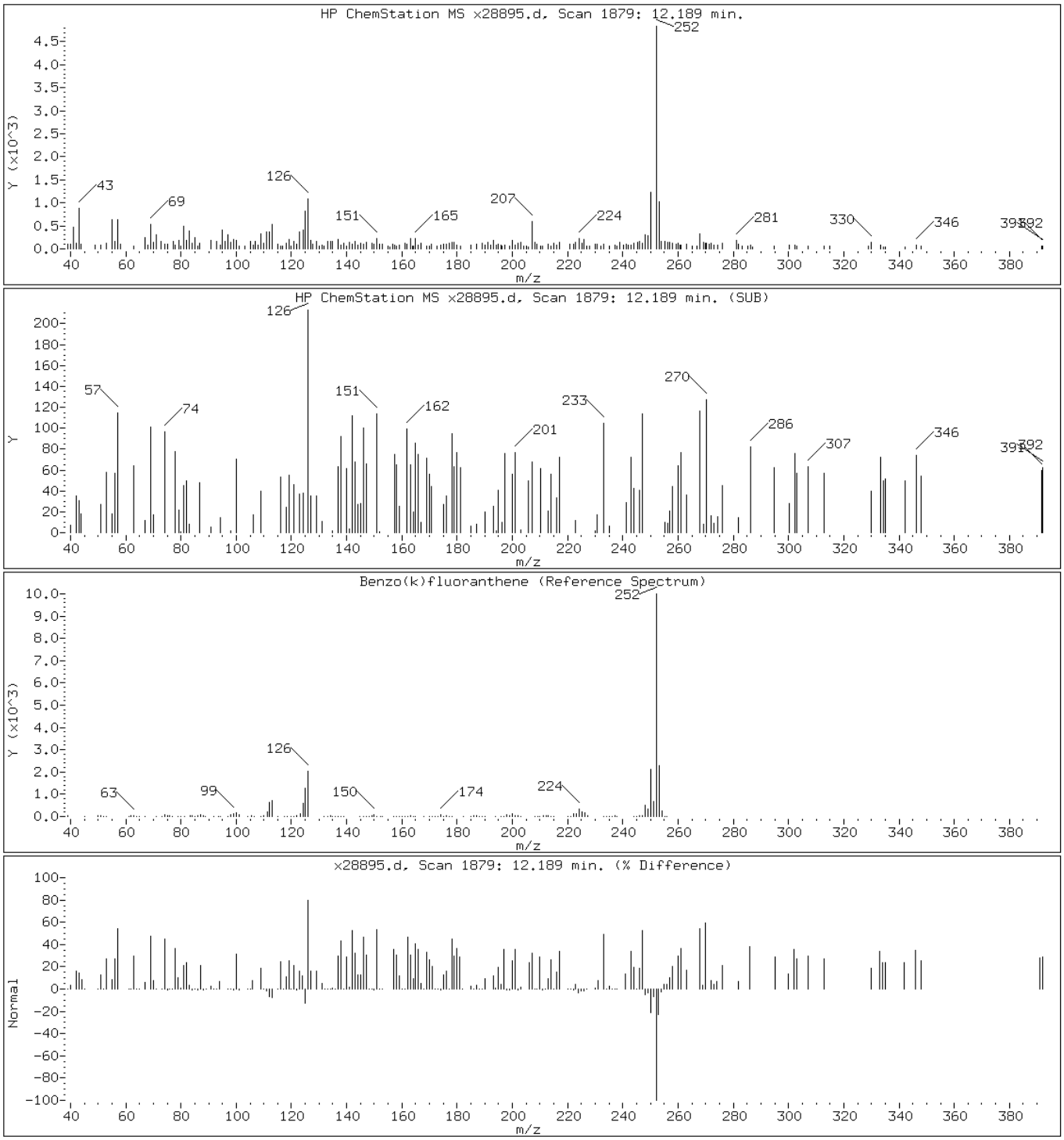
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

66 Benzo(k)fluoranthene



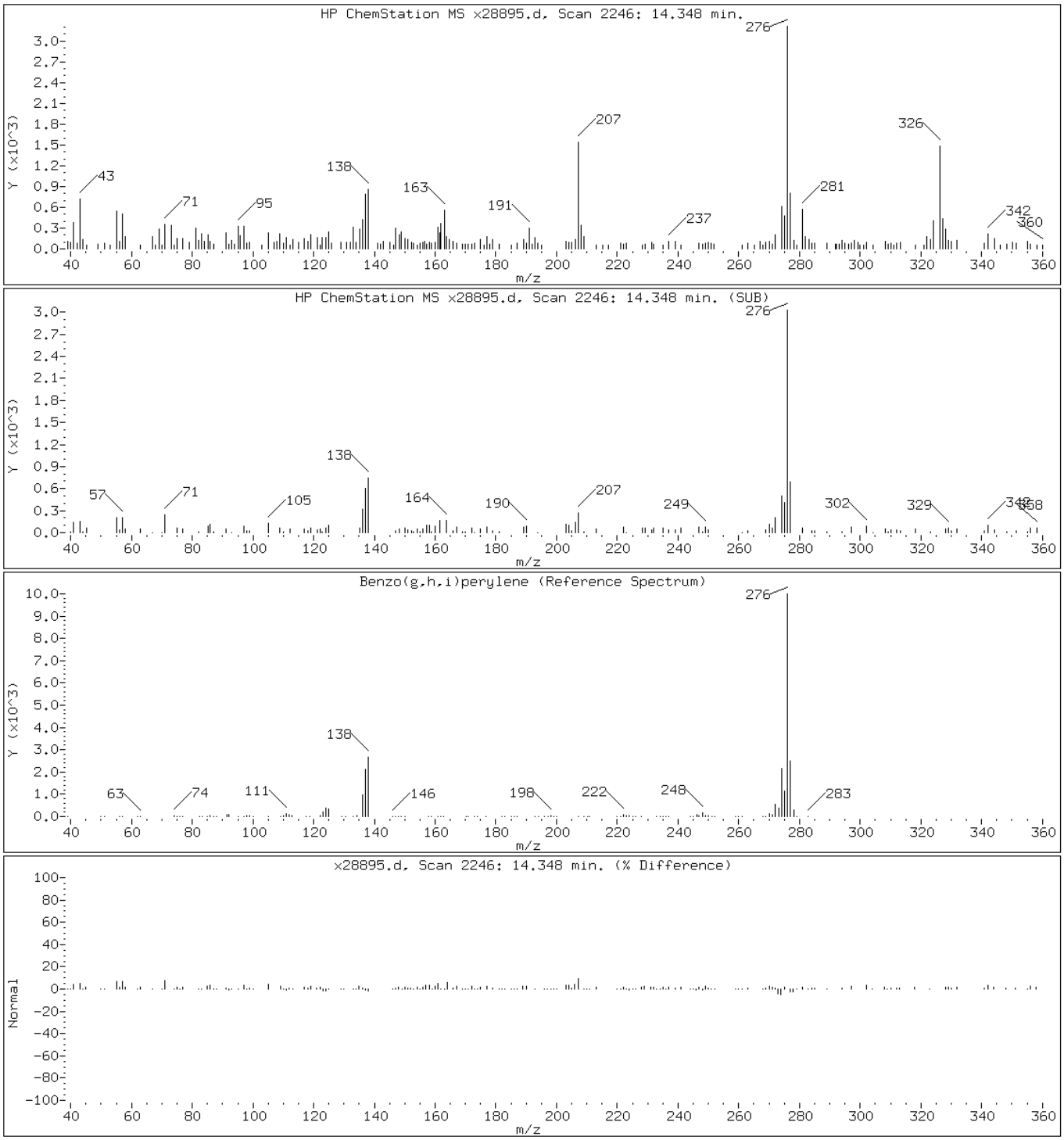
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

70 Benzo(g,h,i)perylene



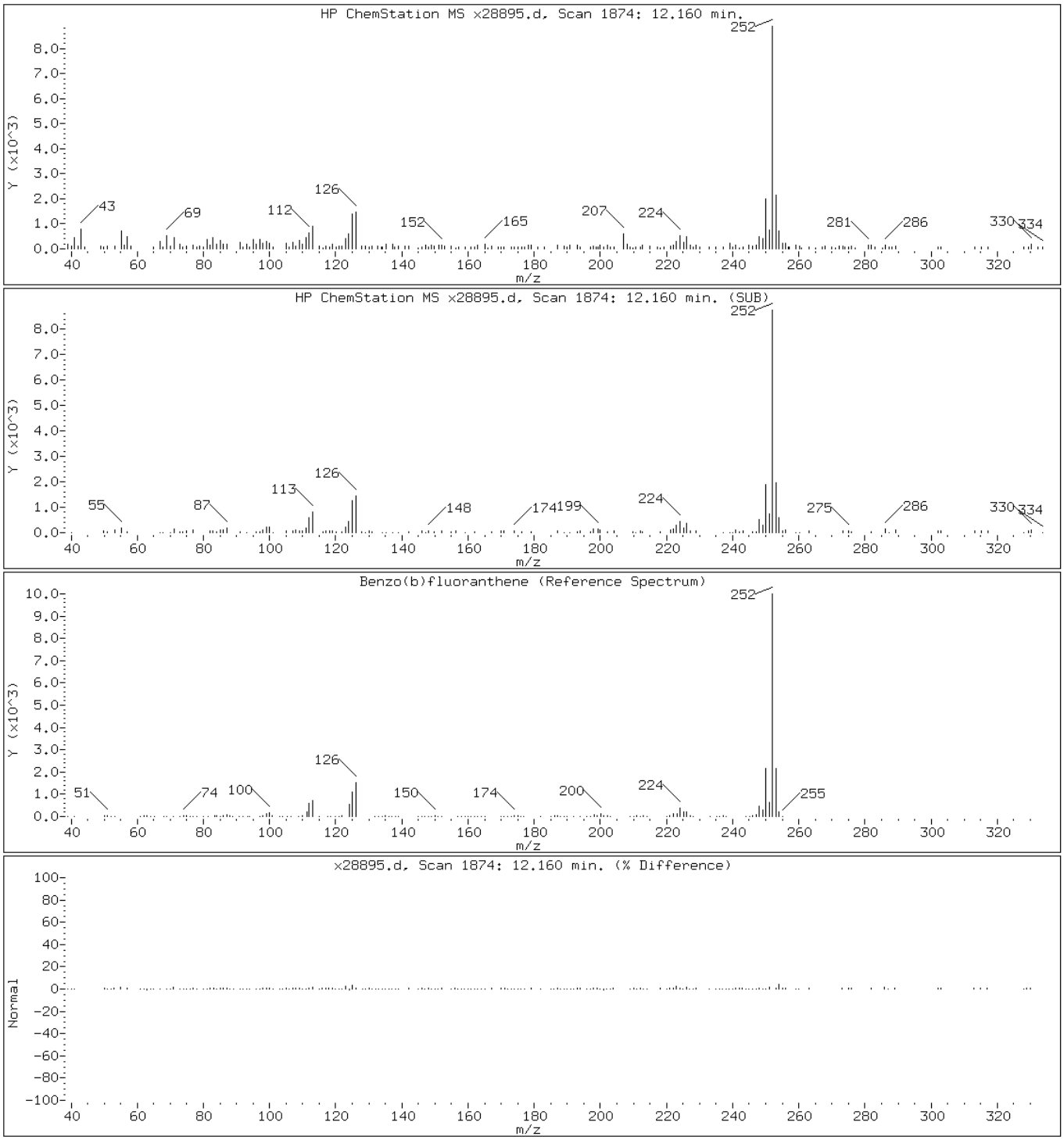
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

65 Benzo(b)fluoranthene



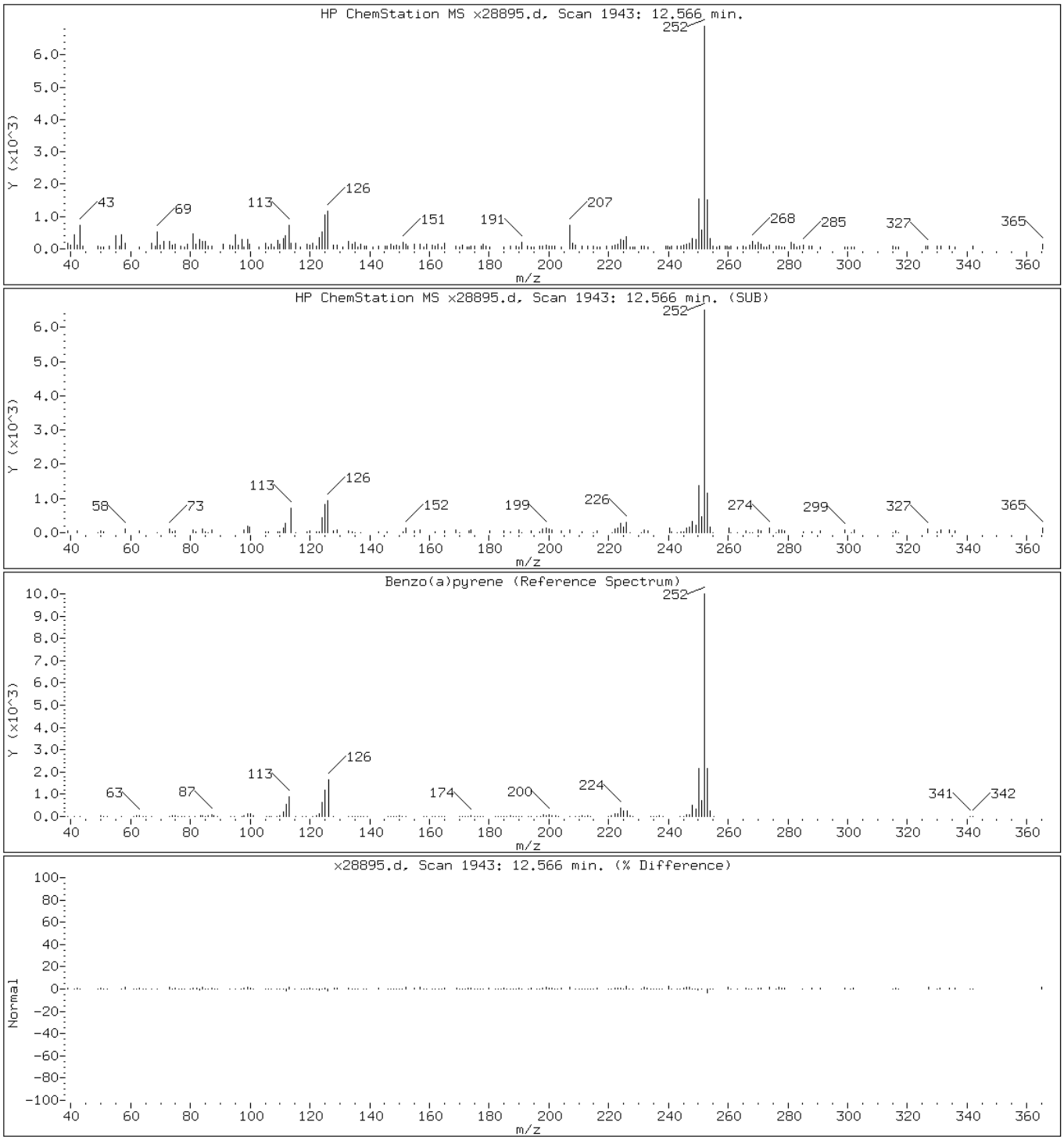
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

67 Benzo(a)pyrene



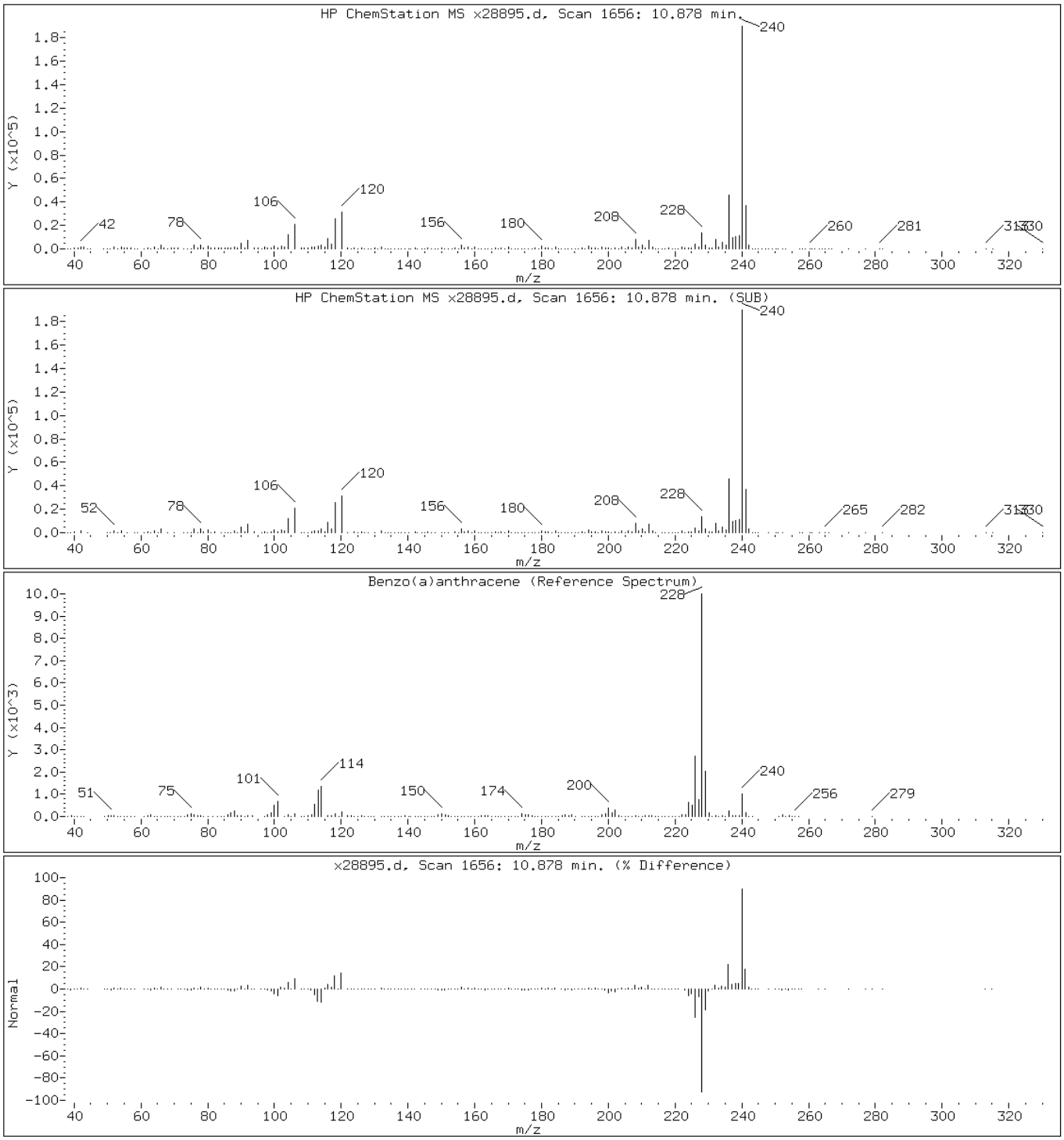
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

61 Benzo(a)anthracene



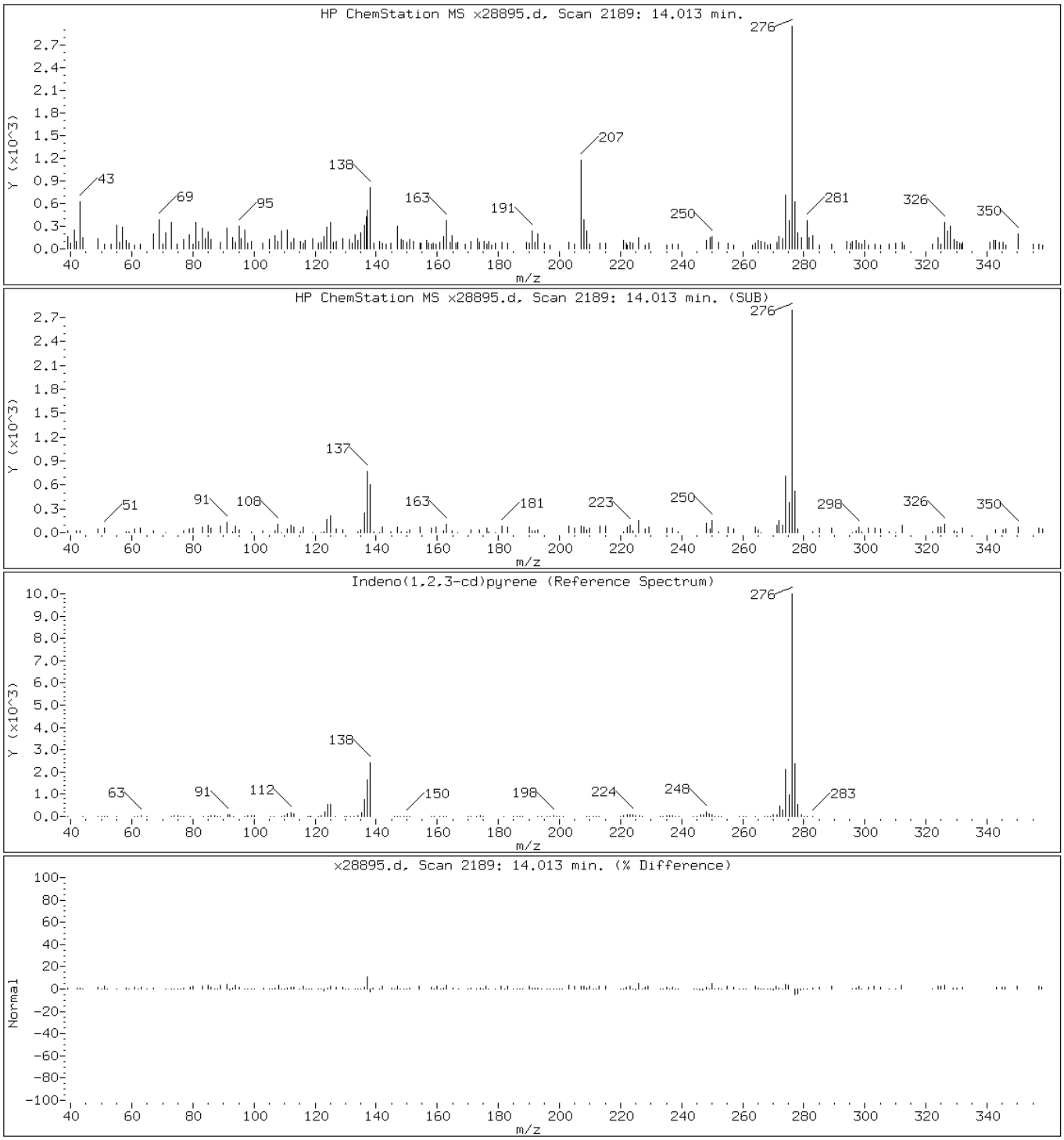
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



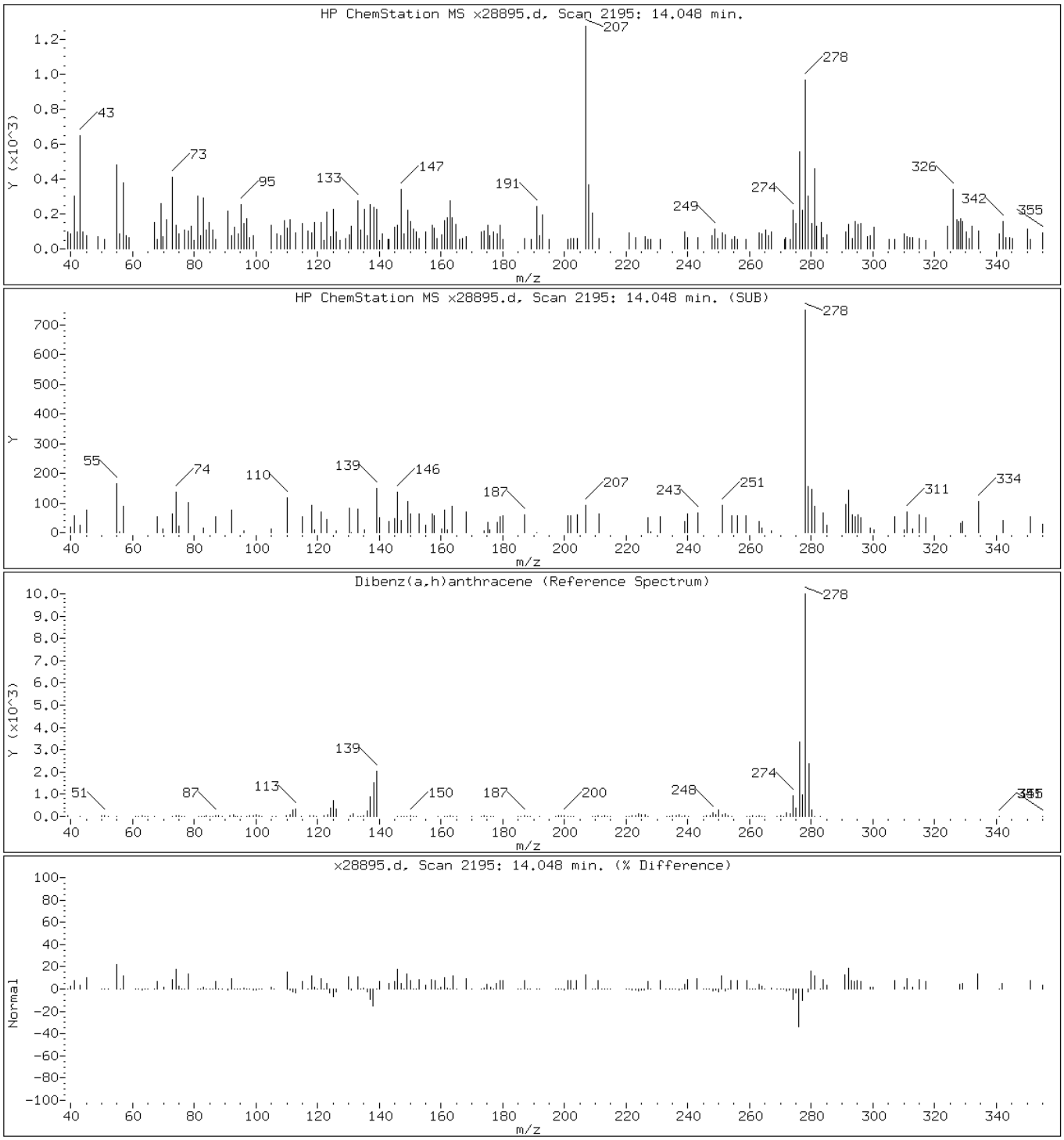
Data File: x28895.d

Date: 03-AUG-2012 07:14

Client ID: 20120731SB-393V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-9-F Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Manual Integration Report

Data File: x28895.d
Inj. Date and Time: 03-AUG-2012 07:14
Instrument ID: BNAMS5.i
Client ID: 20120731SB-393V0-2N
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 08/10/2012

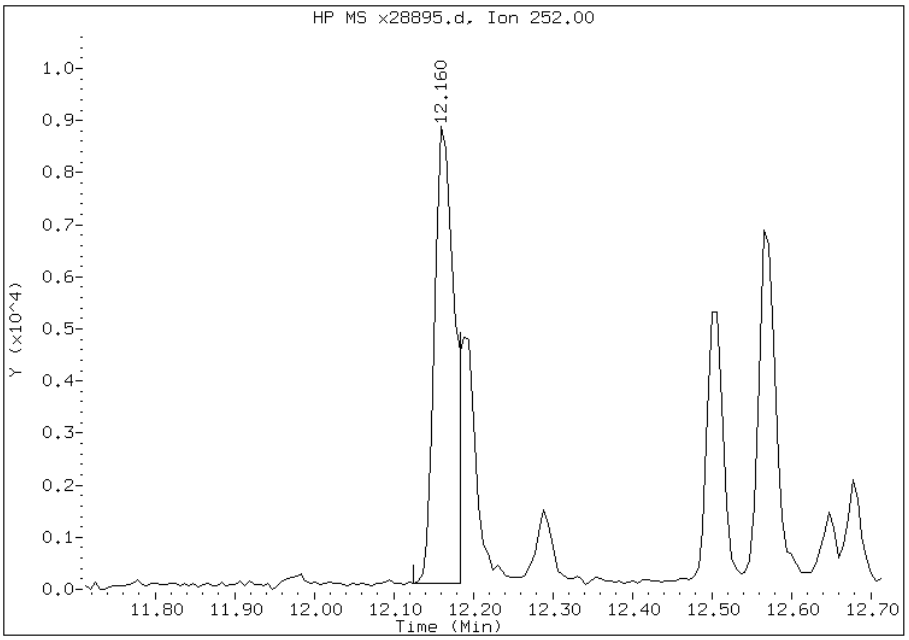
Processing Integration Results

RT: 12.16

Response: 15312

Amount: 1

Conc: 73



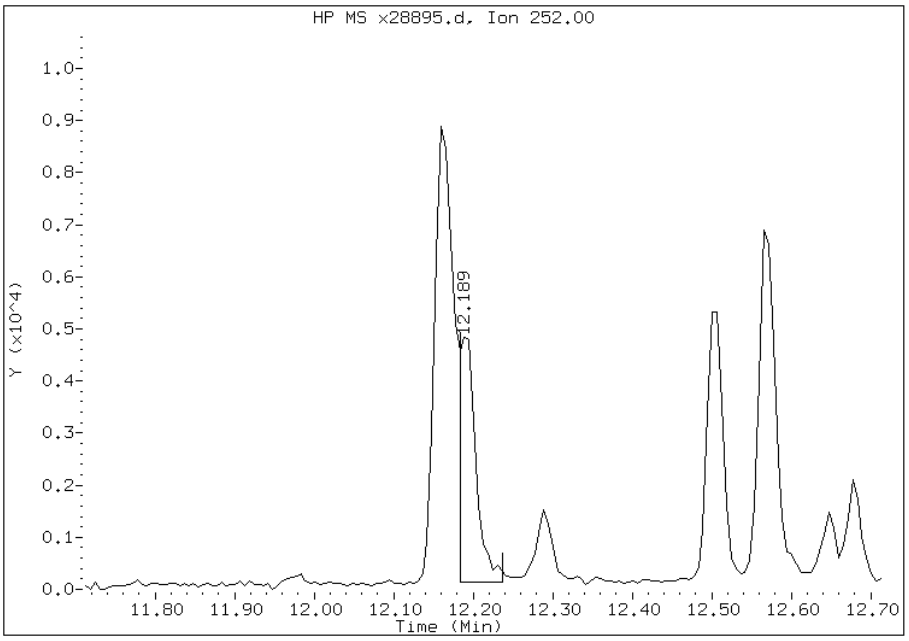
Manual Integration Results

RT: 12.19

Response: 7168

Amount: 0

Conc: 34



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V7-8N | Lab Sample ID: 460-42971-10

Matrix: Solid | Lab File ID: x29036.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:40

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/08/2012 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	110	U	780	110
95-57-8	2-Chlorophenol	100	U	780	100
95-48-7	2-Methylphenol	130	U	780	130
106-44-5	4-Methylphenol	150	U	780	150
100-52-7	Benzaldehyde	92	U	780	92
98-86-2	Acetophenone	120	U	780	120
111-44-4	Bis(2-chloroethyl)ether	11	U	78	11
108-60-1	2,2'-oxybis[1-chloropropane]	87	U	780	87
621-64-7	N-Nitrosodi-n-propylamine	13	U	78	13
98-95-3	Nitrobenzene	11	U	78	11
67-72-1	Hexachloroethane	8.7	U	78	8.7
78-59-1	Isophorone	95	U	780	95
88-75-5	2-Nitrophenol	88	U	780	88
105-67-9	2,4-Dimethylphenol	190	U	780	190
120-83-2	2,4-Dichlorophenol	110	U	780	110
111-91-1	Bis(2-chloroethoxy)methane	100	U	780	100
91-20-3	Naphthalene	140	J	780	91
106-47-8	4-Chloroaniline	210	U	780	210
87-68-3	Hexachlorobutadiene	19	U	160	19
105-60-2	Caprolactam	180	U	780	180
59-50-7	4-Chloro-3-methylphenol	120	U	780	120
91-57-6	2-Methylnaphthalene	150	J	780	100
118-74-1	Hexachlorobenzene	11	U	78	11
77-47-4	Hexachlorocyclopentadiene	92	U	780	92
88-06-2	2,4,6-Trichlorophenol	92	U	780	92
95-95-4	2,4,5-Trichlorophenol	100	U	780	100
92-52-4	Diphenyl	110	U	780	110
91-58-7	2-Chloronaphthalene	88	U	780	88
88-74-4	2-Nitroaniline	330	U	1600	330
606-20-2	2,6-Dinitrotoluene	24	U	160	24
131-11-3	Dimethyl phthalate	93	U	780	93
208-96-8	Acenaphthylene	93	U	780	93
99-09-2	3-Nitroaniline	280	U	1600	280
83-32-9	Acenaphthene	490	J	780	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V7-8N | Lab Sample ID: 460-42971-10

Matrix: Solid | Lab File ID: x29036.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:40

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/08/2012 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	510	U	2400	510
51-28-5	2,4-Dinitrophenol	450	U	2400	450
132-64-9	Dibenzofuran	270	J	780	92
84-66-2	Diethyl phthalate	94	U	780	94
86-73-7	Fluorene	590	J	780	100
206-44-0	Fluoranthene	9000		780	100
84-74-2	Di-n-butyl phthalate	97	U	780	97
121-14-2	2,4-Dinitrotoluene	26	U	160	26
7005-72-3	4-Chlorophenyl phenyl ether	92	U	780	92
100-01-6	4-Nitroaniline	240	U	1600	240
534-52-1	4,6-Dinitro-2-methylphenol	210	U	2400	210
101-55-3	4-Bromophenyl phenyl ether	78	U	780	78
1912-24-9	Atrazine	120	U	780	120
120-12-7	Anthracene	2000		780	95
86-74-8	Carbazole	300	J	780	93
85-01-8	Phenanthrene	9600		780	100
87-86-5	Pentachlorophenol	230	U	2400	230
129-00-0	Pyrene	7700		780	66
218-01-9	Chrysene	4700		780	92
207-08-9	Benzo[k]fluoranthene	1400		78	6.0
191-24-2	Benzo[g,h,i]perylene	3200		780	58
205-99-2	Benzo[b]fluoranthene	3600		78	5.0
50-32-8	Benzo[a]pyrene	3900		78	5.6
56-55-3	Benzo[a]anthracene	4300		78	5.5
86-30-6	N-Nitrosodiphenylamine	77	U	780	77
85-68-7	Butyl benzyl phthalate	72	U	780	72
117-81-7	Bis(2-ethylhexyl) phthalate	2600		780	260
117-84-0	Di-n-octyl phthalate	50	U	780	50
193-39-5	Indeno[1,2,3-cd]pyrene	3300		78	15
53-70-3	Dibenz(a,h)anthracene	900		78	9.9
91-94-1	3,3'-Dichlorobenzidine	280	U	1600	280
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U *	780	110
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	780	100

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V7-8N | Lab Sample ID: 460-42971-10

Matrix: Solid | Lab File ID: x29036.d

Analysis Method: 8270C | Date Collected: 07/31/2012 10:40

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/08/2012 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	37	X	38-105
4165-62-2	Phenol-d5	43		41-118
1718-51-0	Terphenyl-d14	62		16-151
118-79-6	2,4,6-Tribromophenol	50		10-120
367-12-4	2-Fluorophenol	34	X	37-125
321-60-8	2-Fluorobiphenyl	50		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29036.d
Report Date: 10-Aug-2012 02:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29036.d
Lab Smp Id: 460-42971-E-10-D Client Smp ID: 20120731SB-393V7-8N
Inj Date : 08-AUG-2012 01:36
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-10-D
Misc Info : 460-42971-E-10-D
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/8270C_11.m
Meth Date : 08-Aug-2012 12:07 czhao Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 55
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	15.92262	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.509	2.486	(0.672)	174320	17.0656	2700(R)
$ 17 Phenol-d5 (SUR)	99	3.403	3.409	(0.912)	242677	21.3638	3400
* 79 1,4-Dichlorobenzene-d4	152	3.733	3.739	(1.000)	297765	40.0000	
3 2-Methylphenol	108	4.033	4.033	(1.080)	1503	0.17381	28(aH)
4 4-Methylphenol	108	4.197	4.197	(1.124)	1777	0.20627	33(aH)
123 3 & 4 Methylphenol	108	4.197	4.197	(1.124)	2091	0.25301	40(aH)
$ 76 Nitrobenzene-d5 (SUR)	82	4.303	4.315	(0.856)	82466	9.22675	1500(R)
6 2,4-Dimethylphenol	122	4.727	4.733	(0.940)	2057	0.28107	44(a)
* 80 Naphthalene-d8	136	5.027	5.033	(1.000)	920506	40.0000	
31 Naphthalene	128	5.050	5.056	(1.005)	21570	0.88611	140(a)
34 2-Methylnaphthalene	142	5.750	5.750	(1.144)	14625	0.96035	150(a)
120 1-Methylnaphthalene	142	5.844	5.850	(1.163)	12441	0.80032	130(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.127	6.133	(0.904)	163720	12.4510	2000

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29036.d
Report Date: 10-Aug-2012 02:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
125 1,3-Dimethylnaphthalene	156	6.450	6.456	(0.951)	16363	1.75141	280(a)
* 82 Acenaphthene-d10	164	6.780	6.786	(1.000)	360456	40.0000	
42 Acenaphthene	154	6.809	6.815	(1.004)	30167	3.11358	490(a)
43 Dibenzofuran	168	6.985	6.986	(1.030)	24014	1.70197	270(a)
47 Fluorene	166	7.321	7.321	(1.080)	41554	3.69409	580(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.562	7.562	(1.115)	42960	25.0684	4000
115 n-Octadecane	57	8.174	8.174	(0.993)	1450	0.29551	47(a)
* 83 Phenanthrene-d10	188	8.232	8.238	(1.000)	390534	40.0000	
52 Phenanthrene	178	8.256	8.262	(1.003)	678955	60.3962	9600
53 Anthracene	178	8.303	8.309	(1.009)	145715	12.7733	2000
54 Carbazole	167	8.479	8.480	(1.030)	18021	1.87703	300(a)
56 Fluoranthene	202	9.421	9.421	(1.144)	580771	56.8860	9000
57 Pyrene	202	9.638	9.638	(0.886)	620064	48.7392	7700(H)
$ 78 Terphenyl-d14	244	9.809	9.809	(0.902)	143182	15.4560	2400
61 Benzo(a)anthracene	228	10.867	10.868	(0.999)	249188	27.2180	4300
* 81 Chrysene-d12	240	10.879	10.879	(1.000)	296547	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.938	10.950	(1.005)	115791	16.5651	2600
62 Chrysene	228	10.903	10.909	(1.002)	251179	29.4656	4700
65 Benzo(b)fluoranthene	252	12.156	12.150	(0.962)	258432	22.8867	3600
66 Benzo(k)fluoranthene	252	12.185	12.185	(0.964)	109637	9.14234	1400(H)
67 Benzo(a)pyrene	252	12.562	12.556	(0.994)	216086	24.6449	3900(H)
* 84 Perylene-d12	264	12.638	12.632	(1.000)	366849	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.008	14.003	(1.108)	138735	20.7003	3300
69 Dibenz(a,h)anthracene	278	14.032	14.038	(1.110)	38329	5.65587	900
70 Benzo(g,h,i)perylene	276	14.344	14.338	(1.135)	141235	20.0600	3200

QC Flag Legend

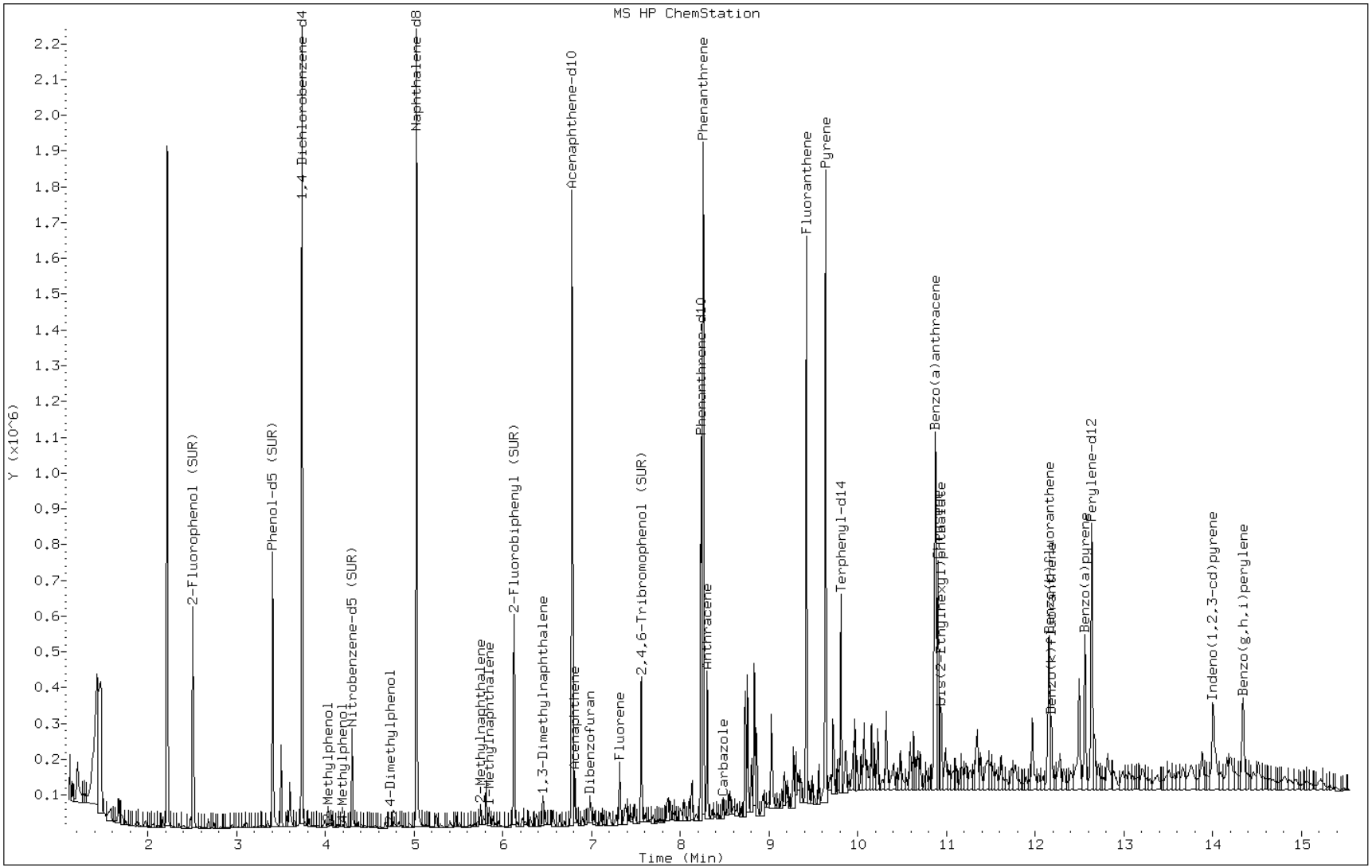
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4



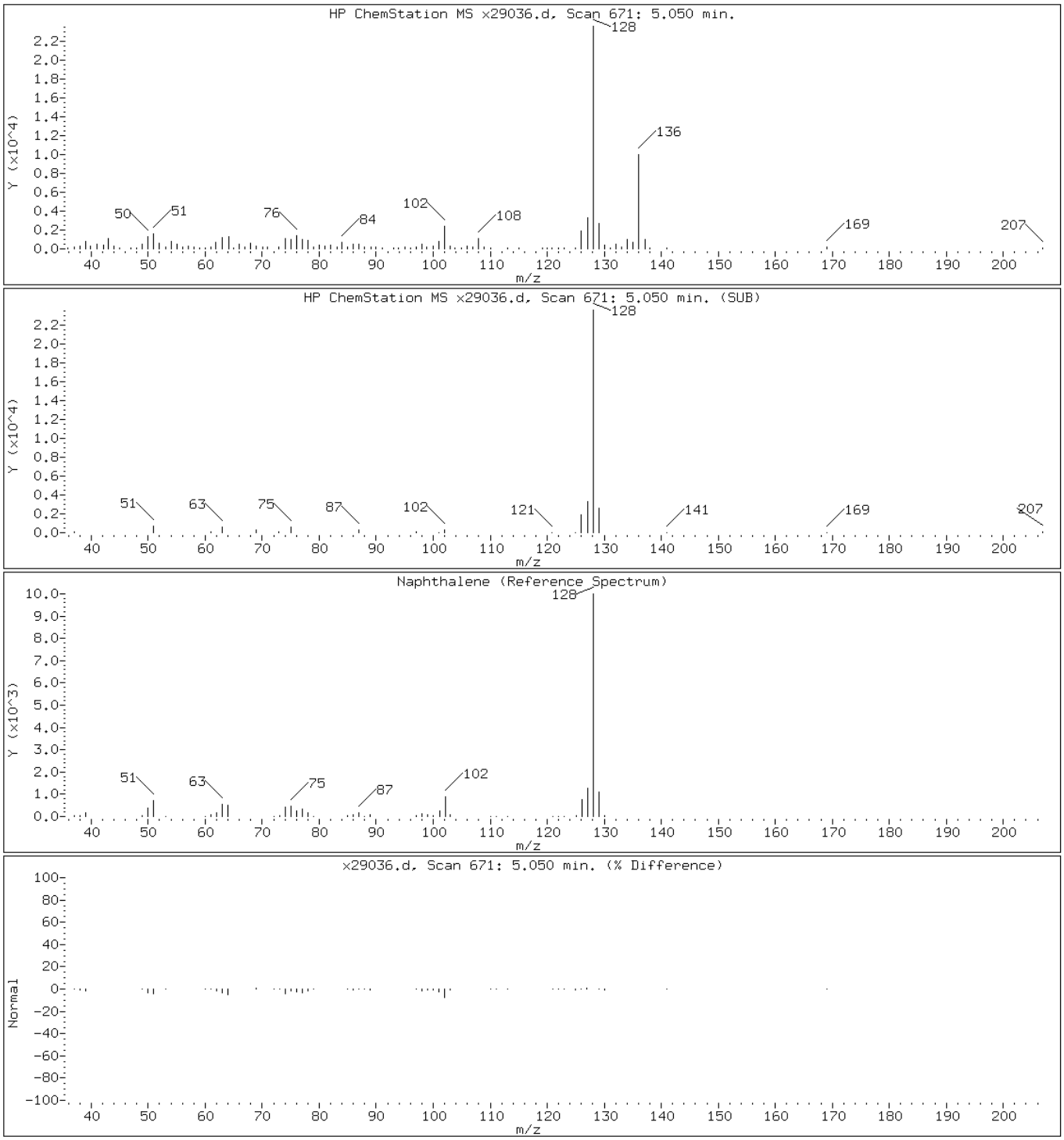
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

31 Naphthalene



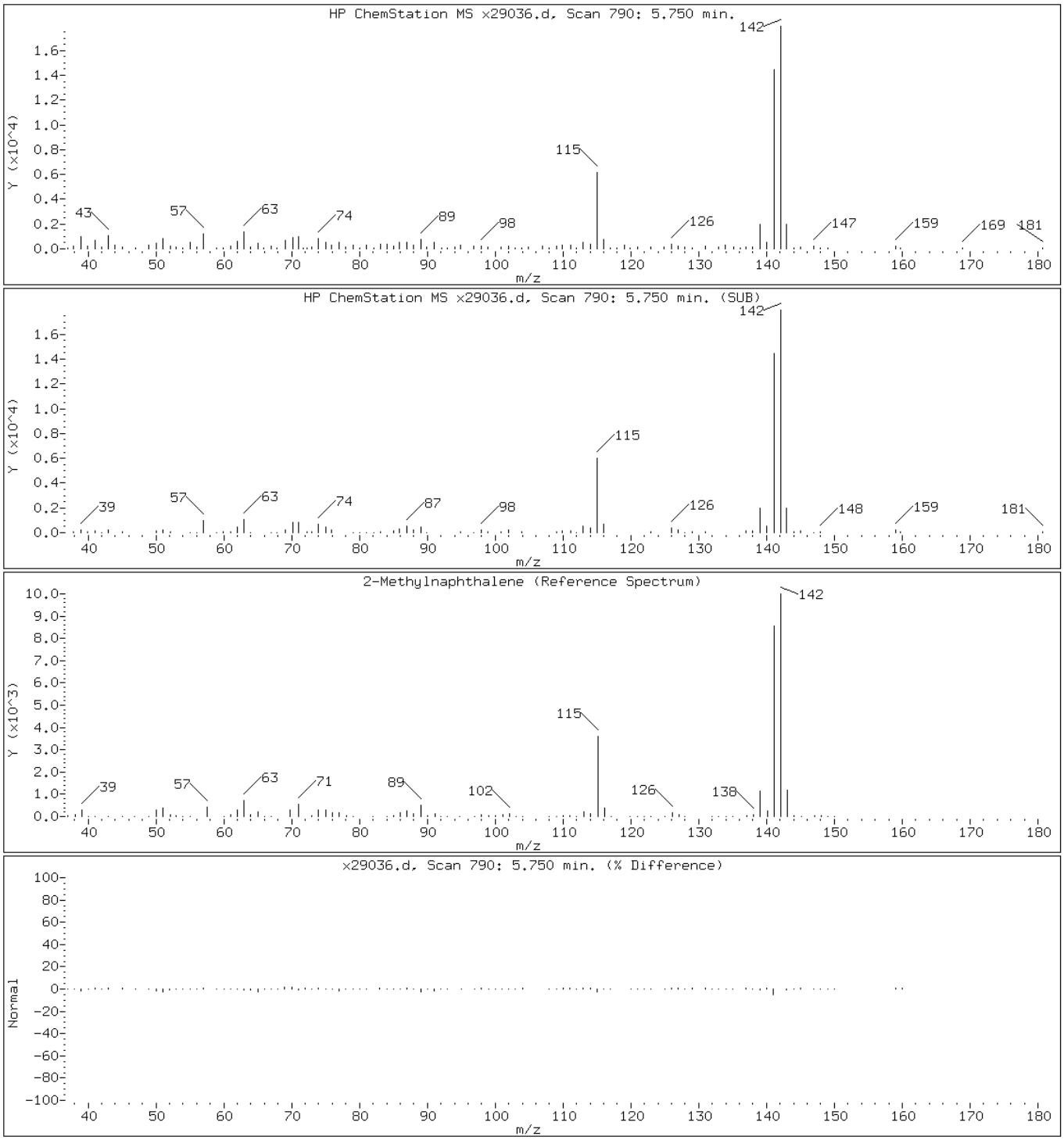
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

34 2-Methylnaphthalene



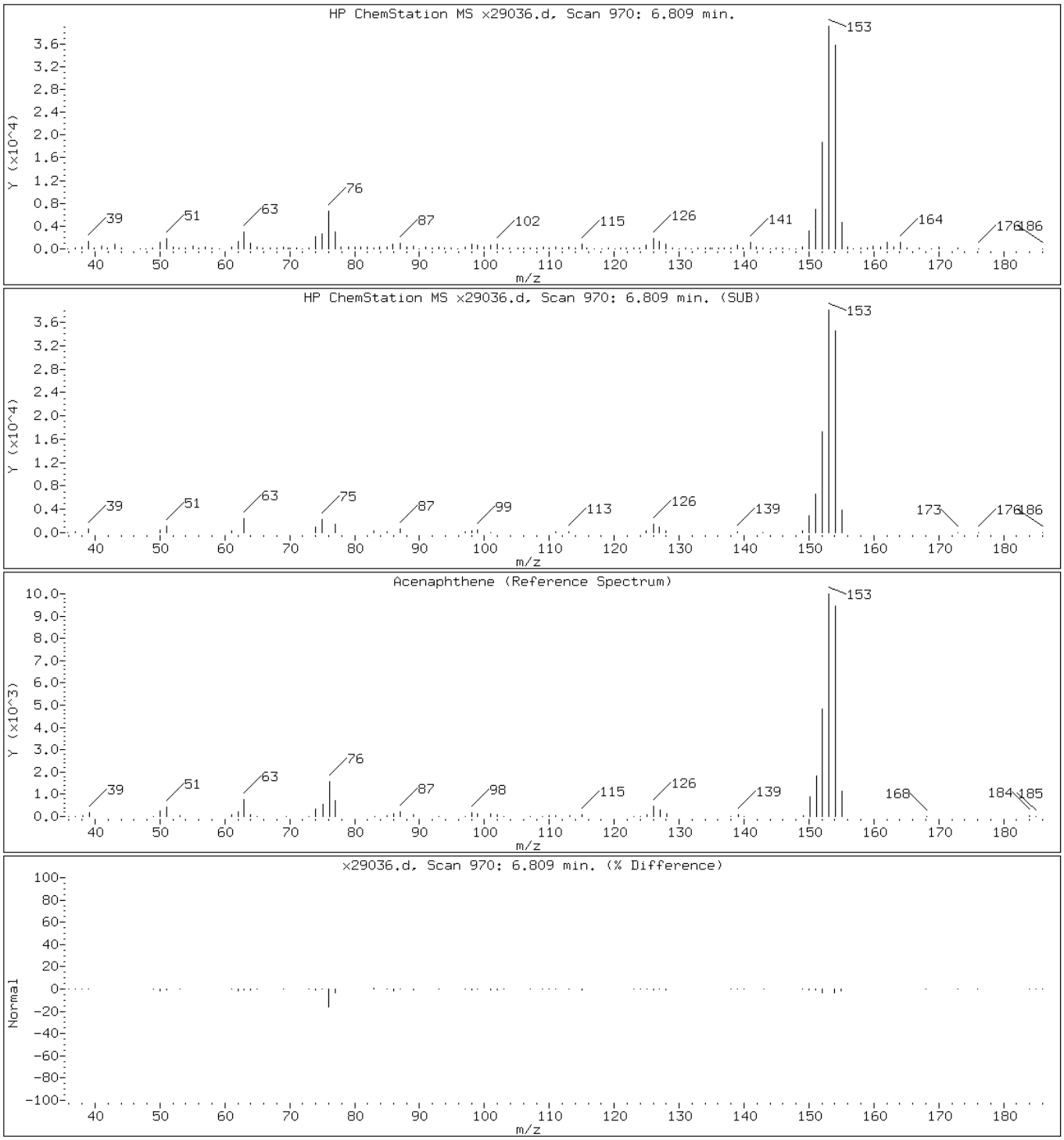
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

42 Acenaphthene



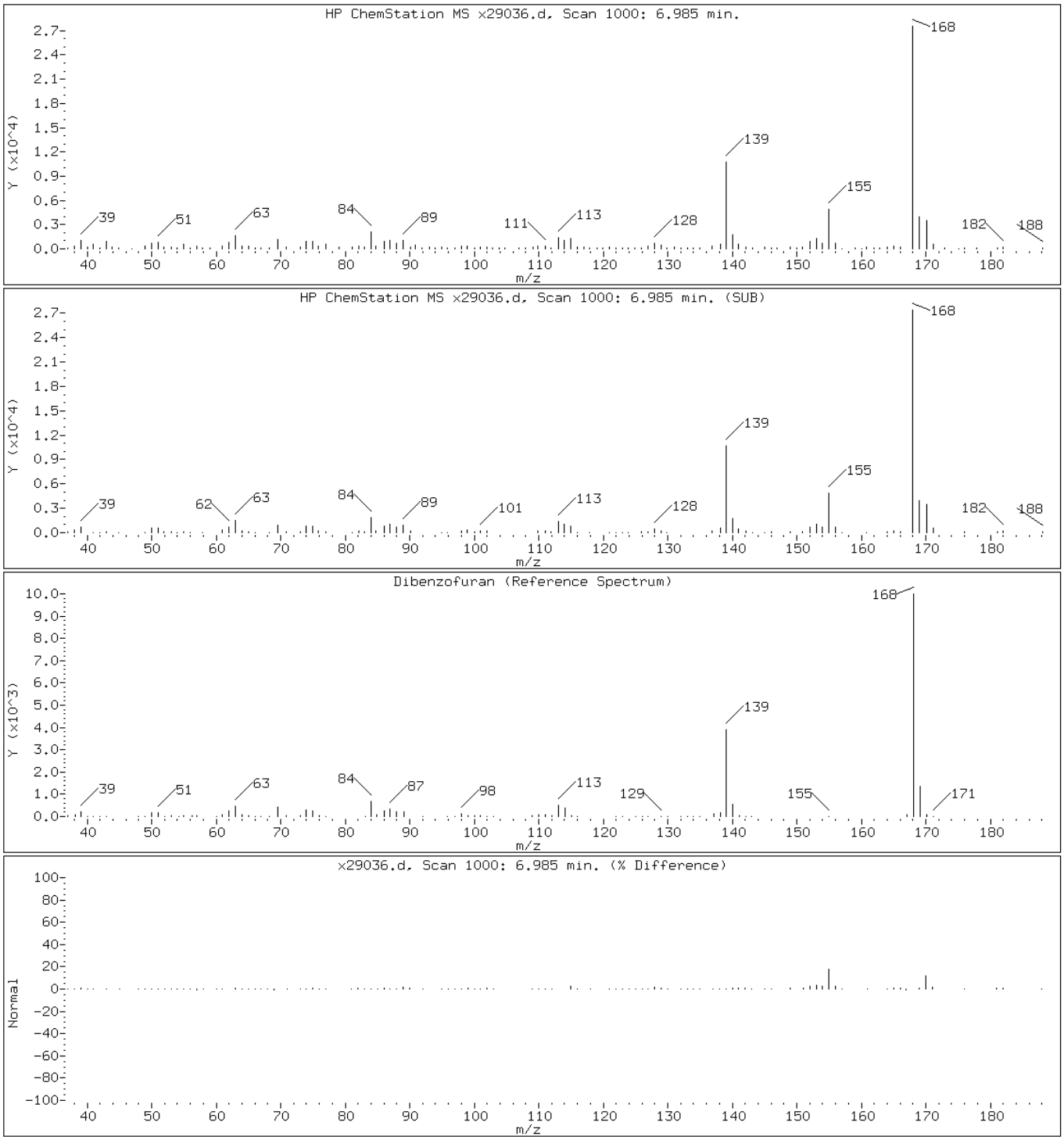
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

43 Dibenzofuran



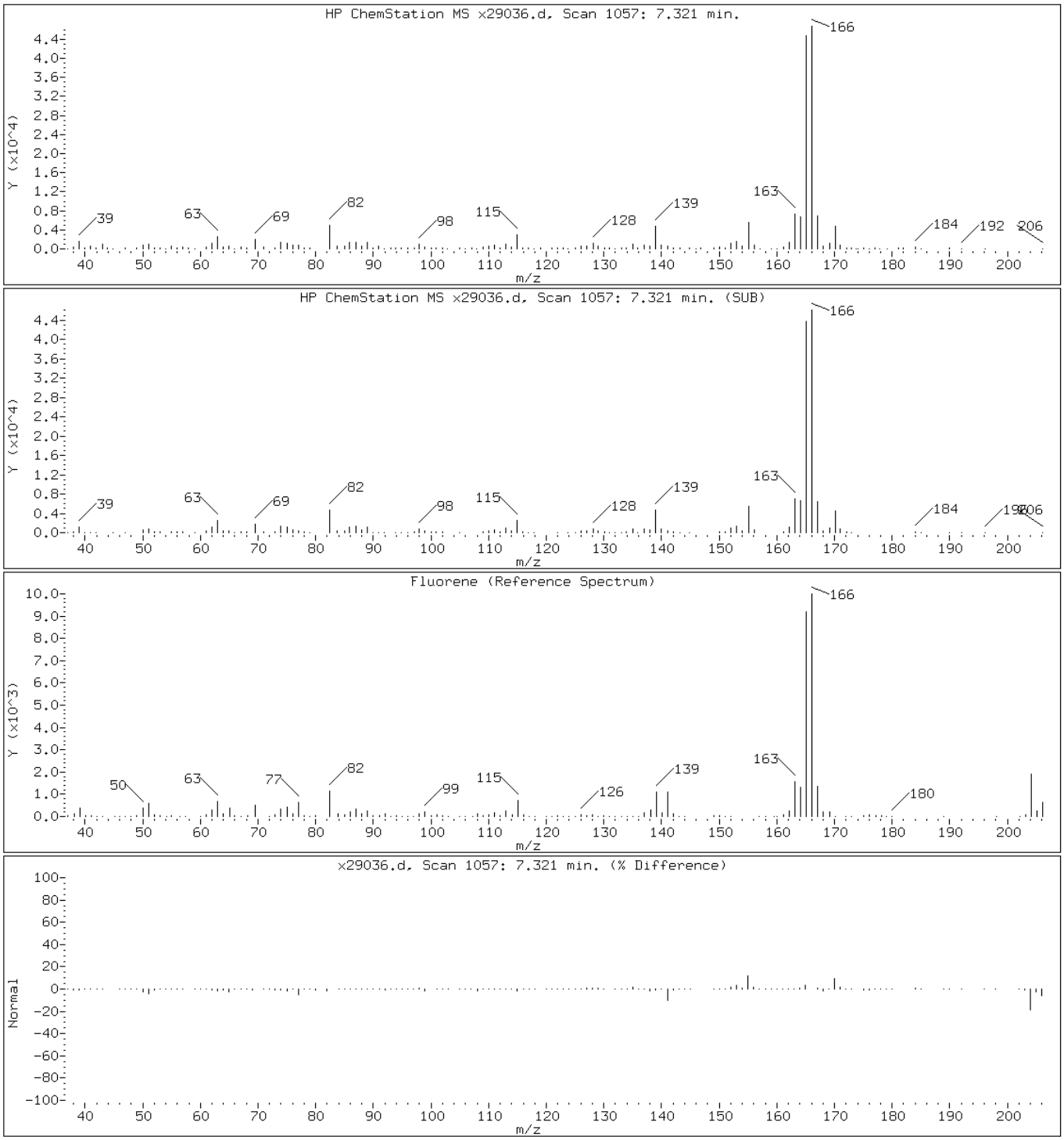
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

47 Fluorene



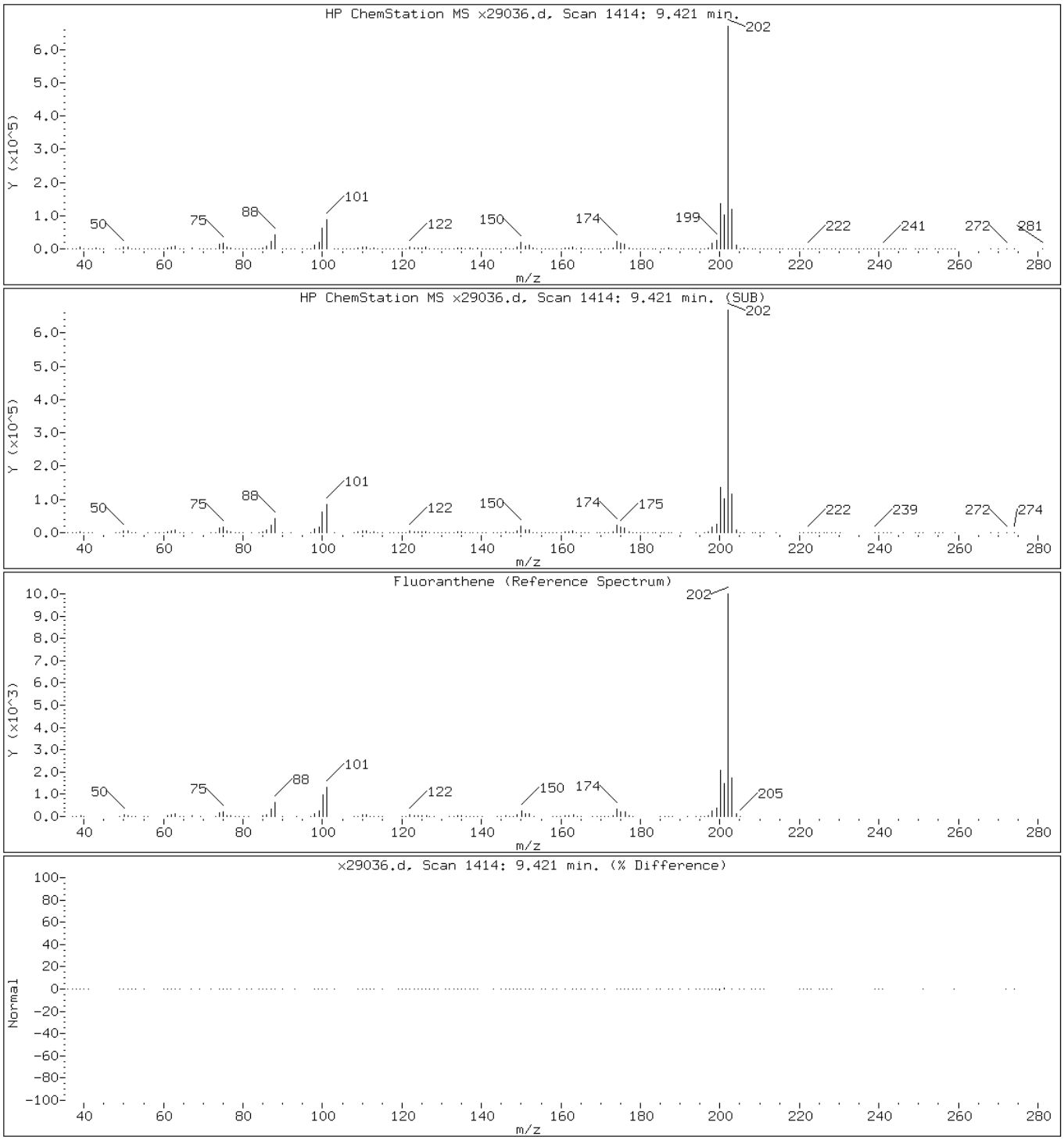
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

56 Fluoranthene



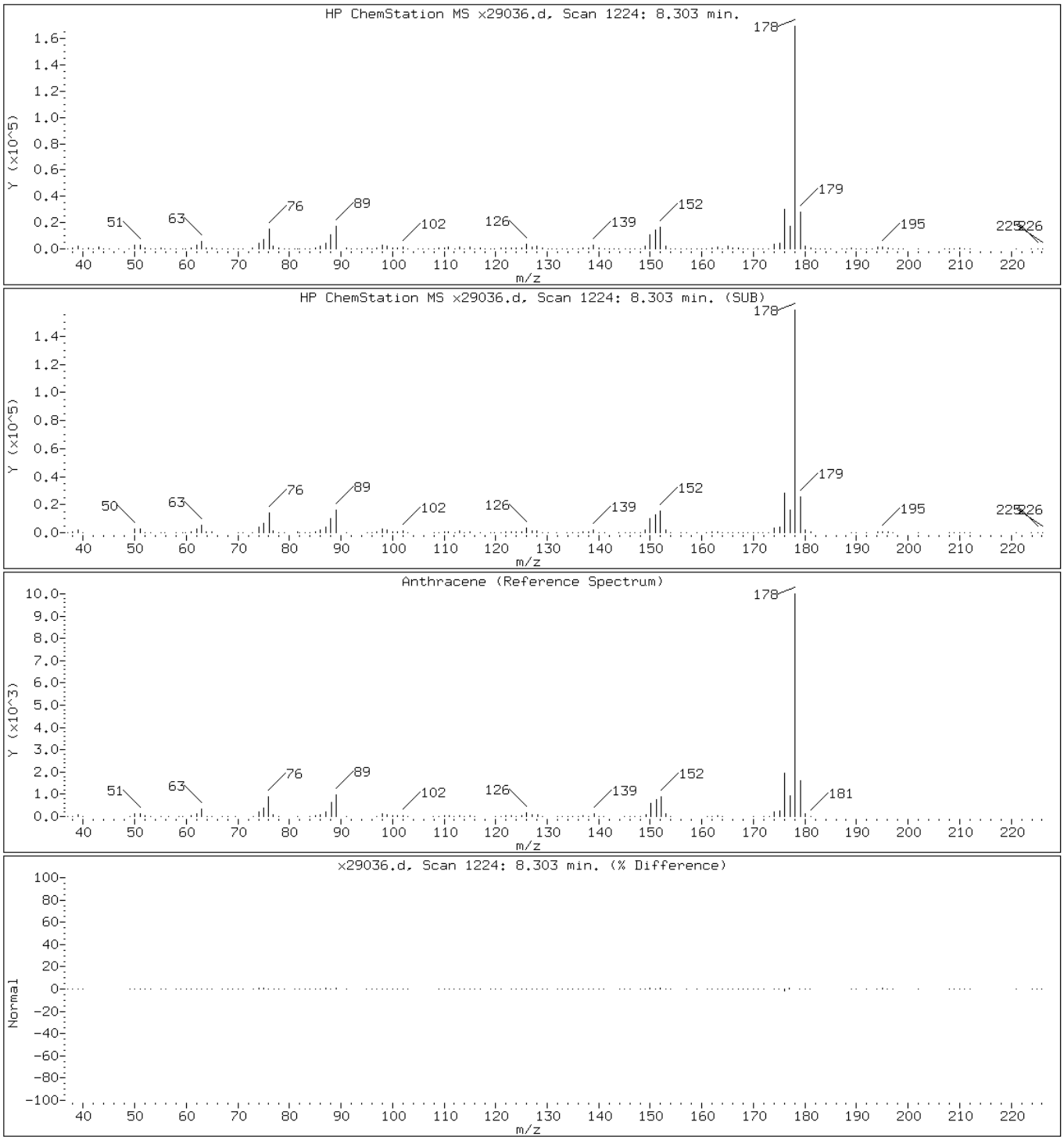
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

53 Anthracene



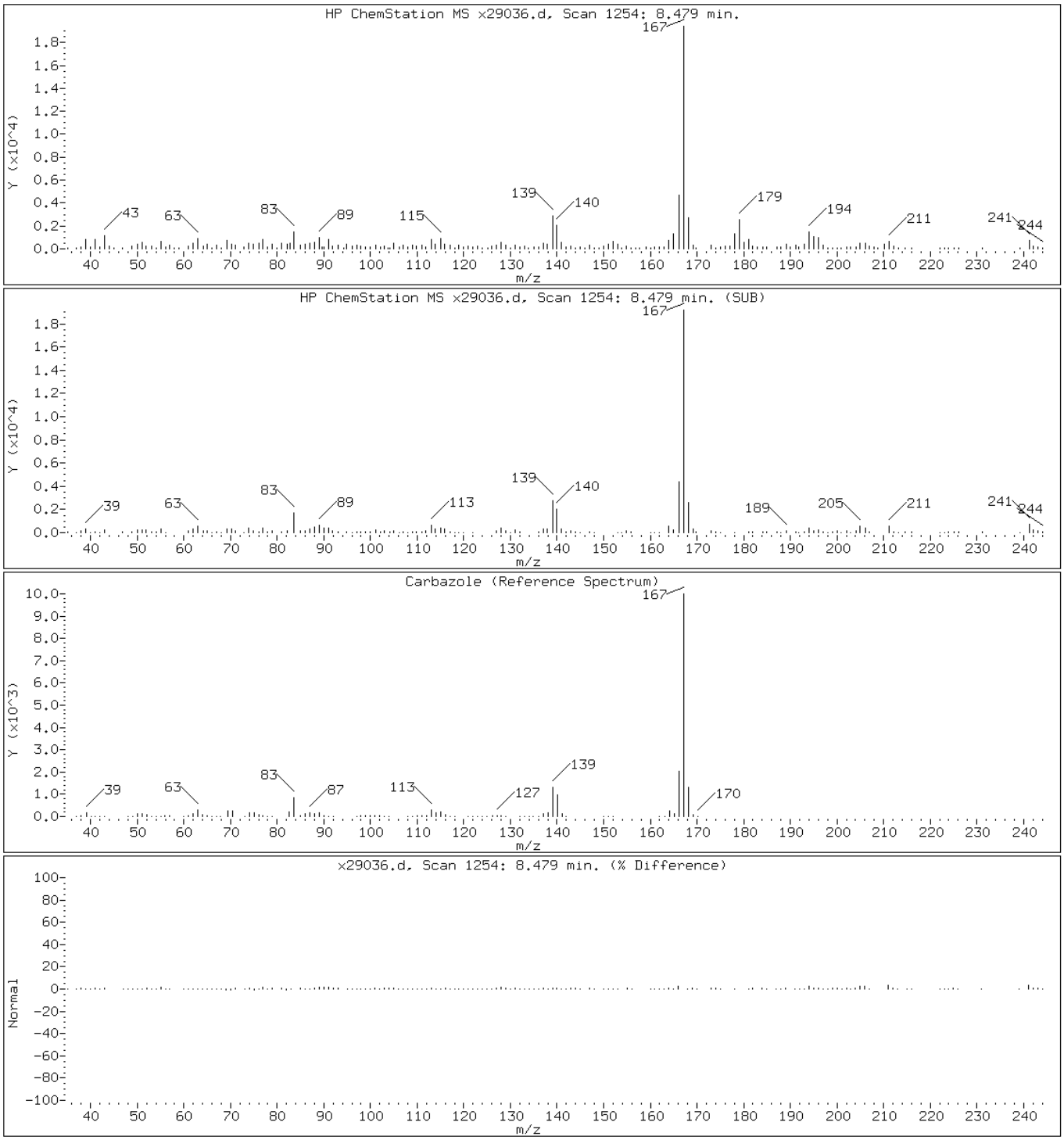
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

54 Carbazole



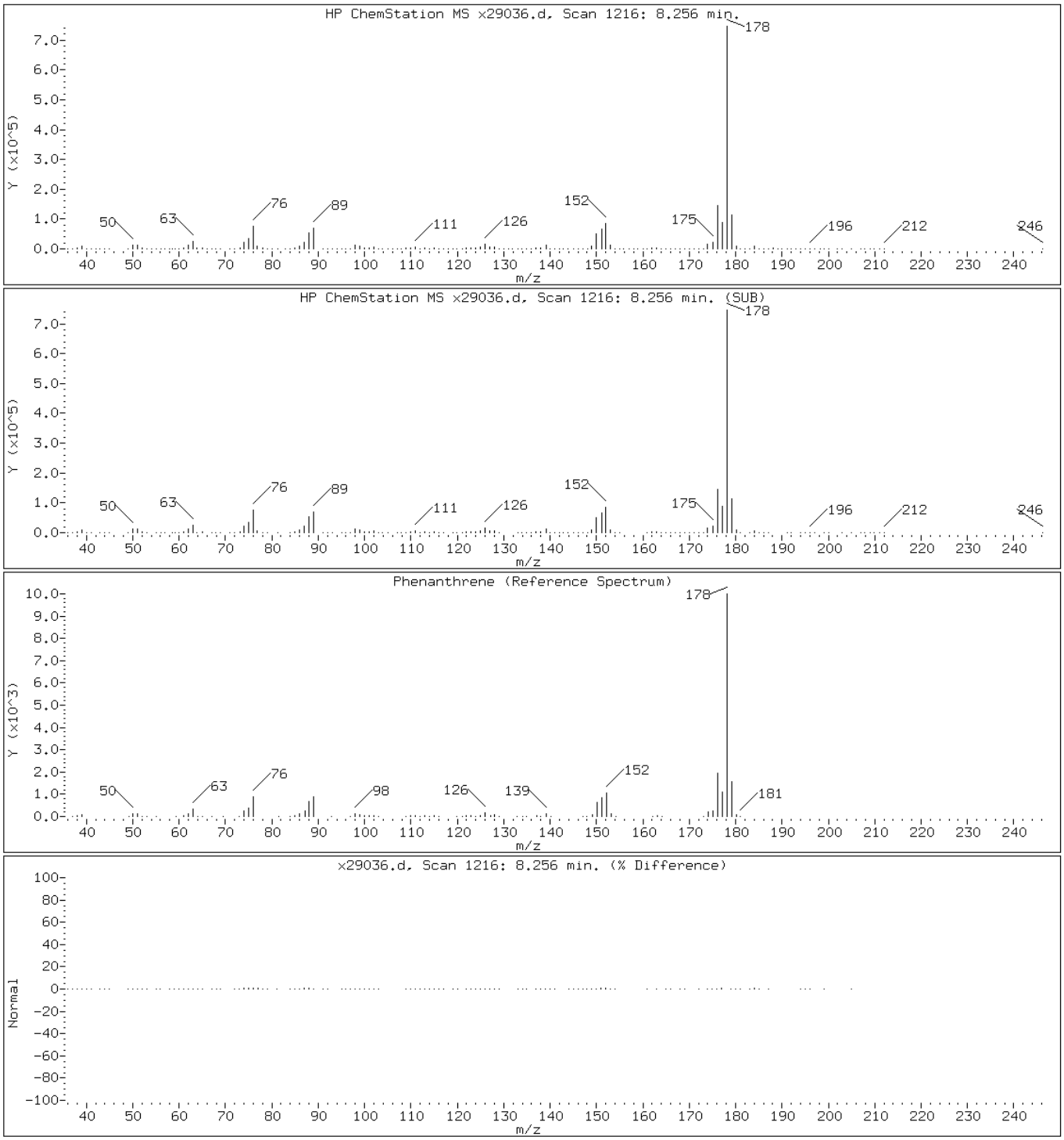
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

52 Phenanthrene



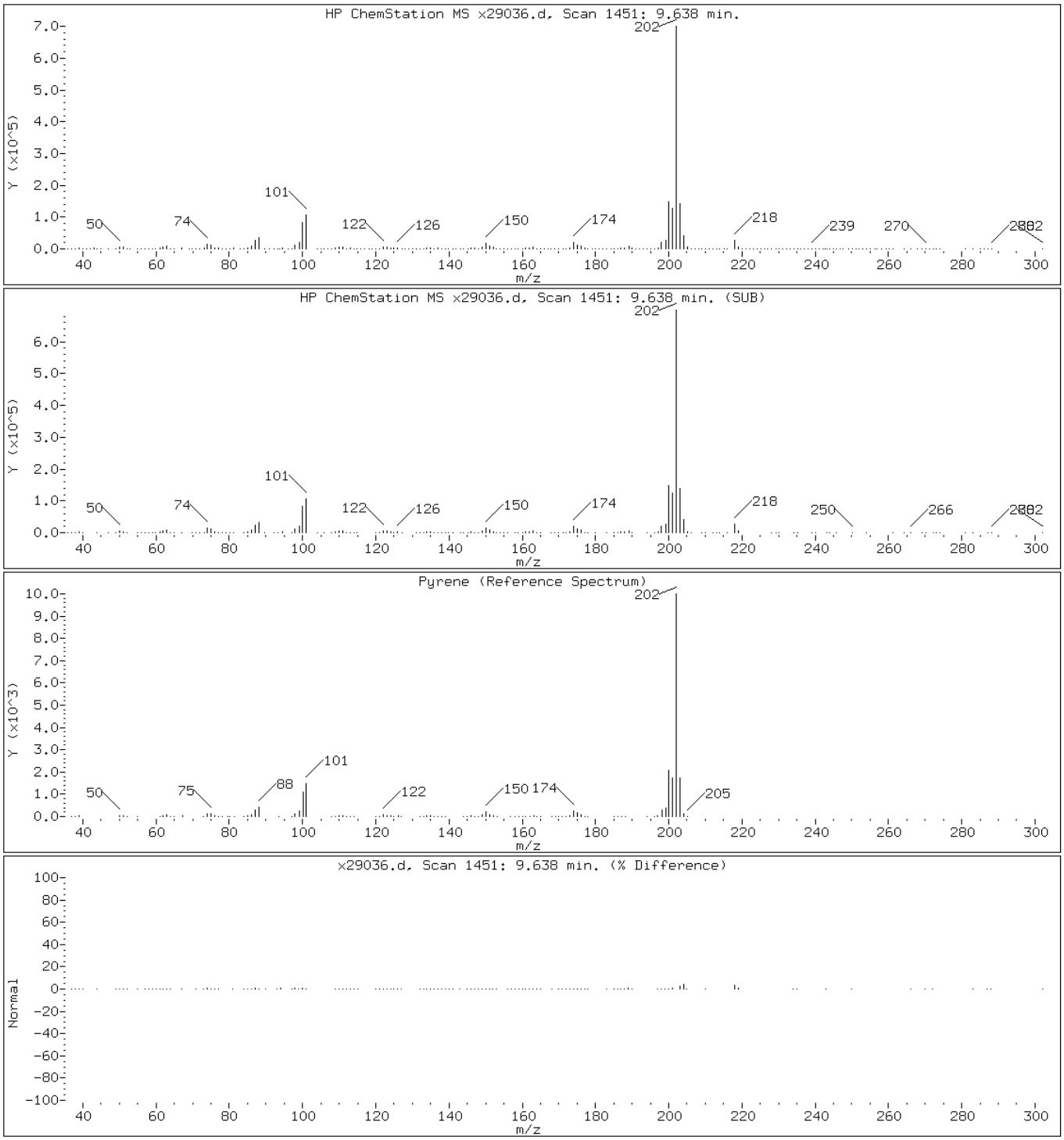
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

57 Pyrene



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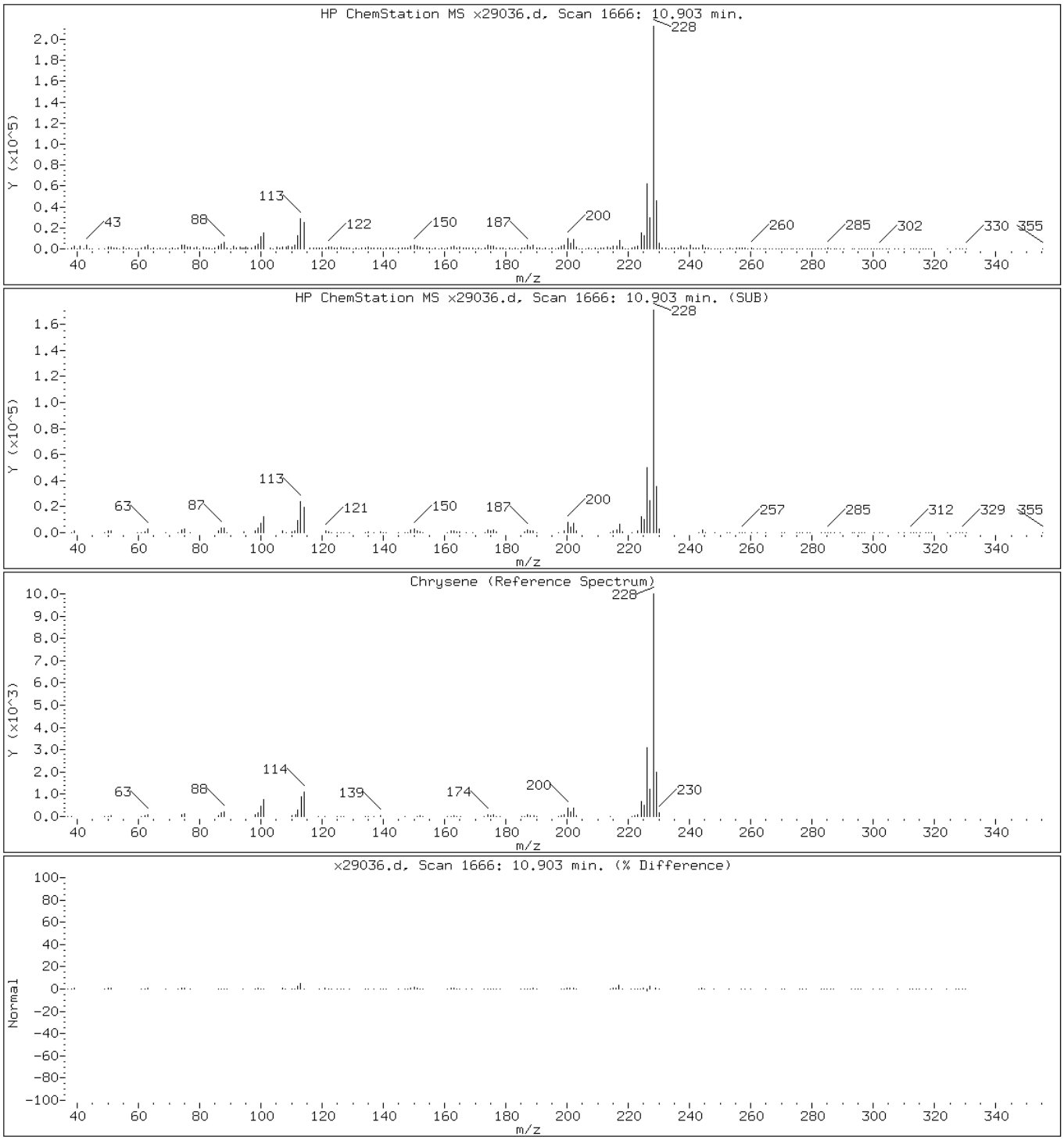
Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

62 Chrysene



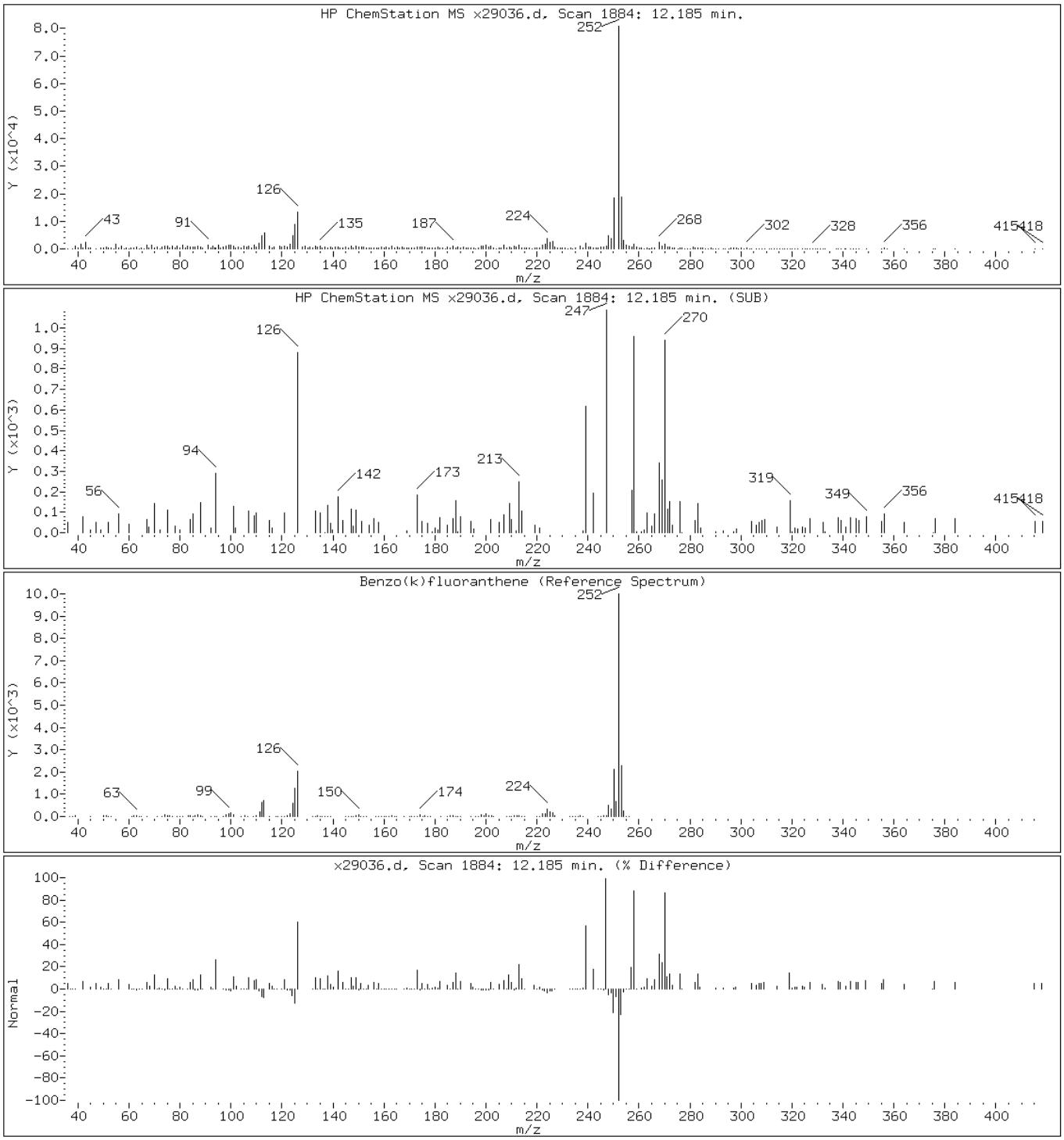
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

66 Benzo(k)fluoranthene



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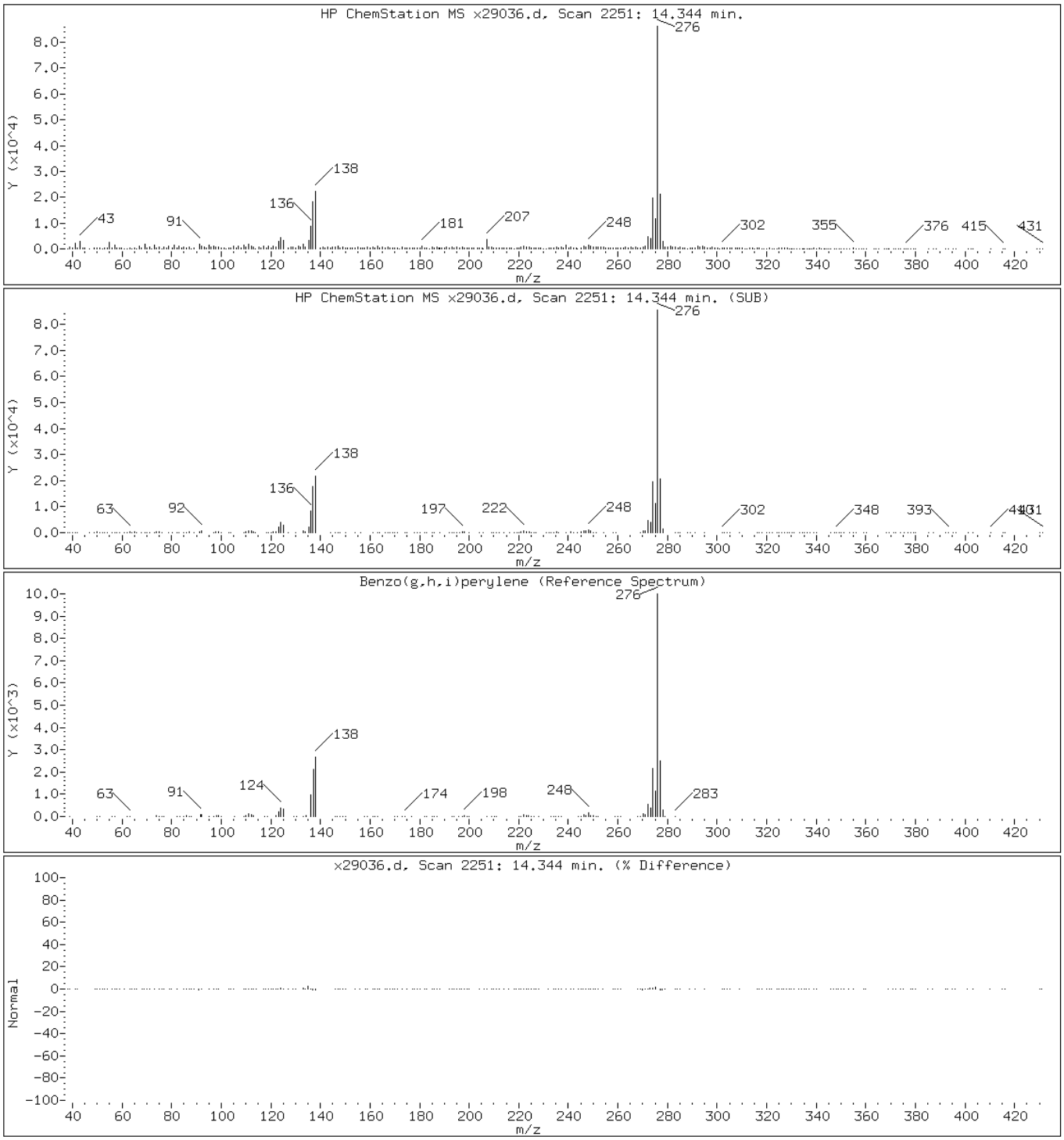
Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

70 Benzo(g,h,i)perylene



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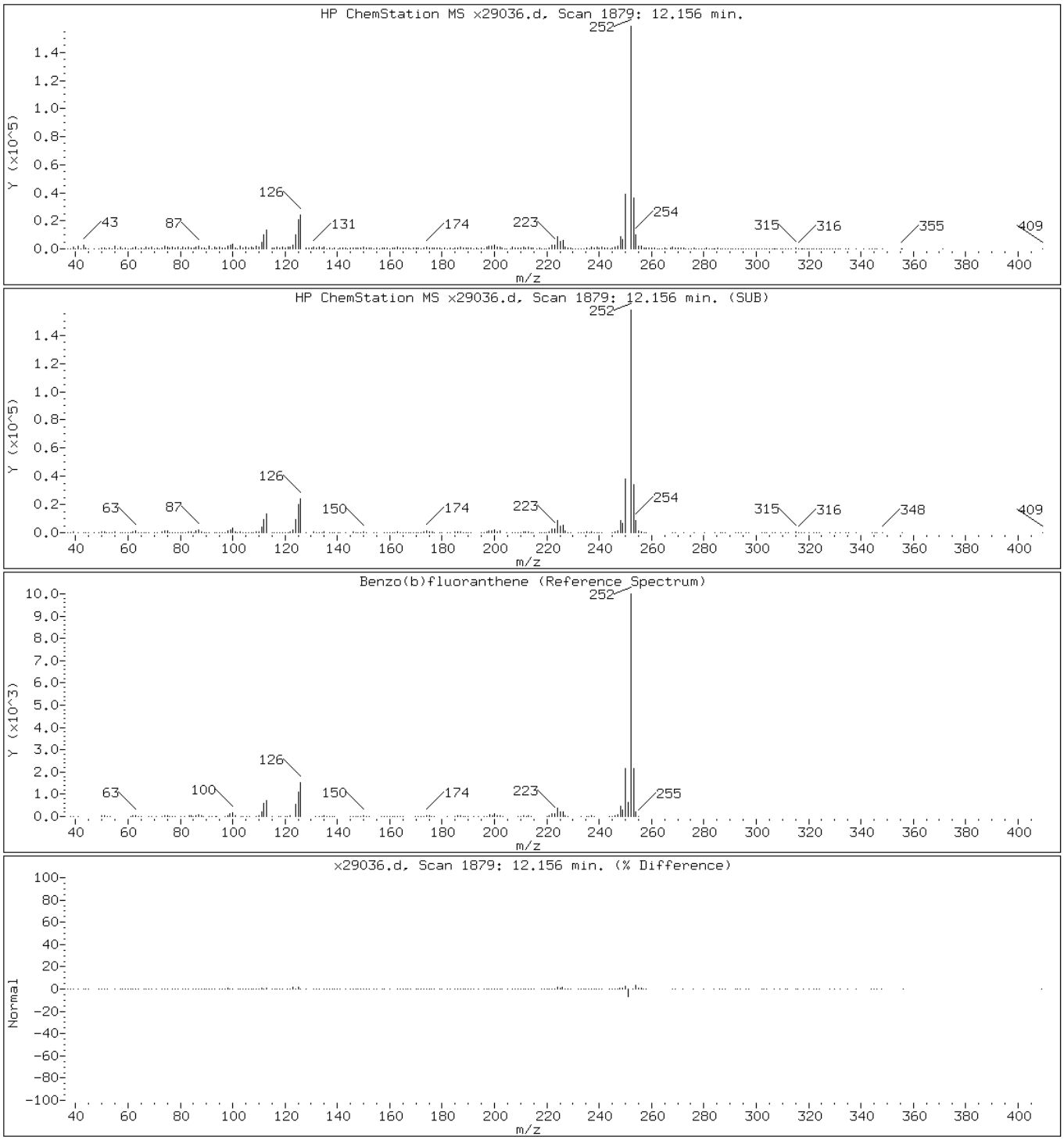
Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

65 Benzo(b)fluoranthene



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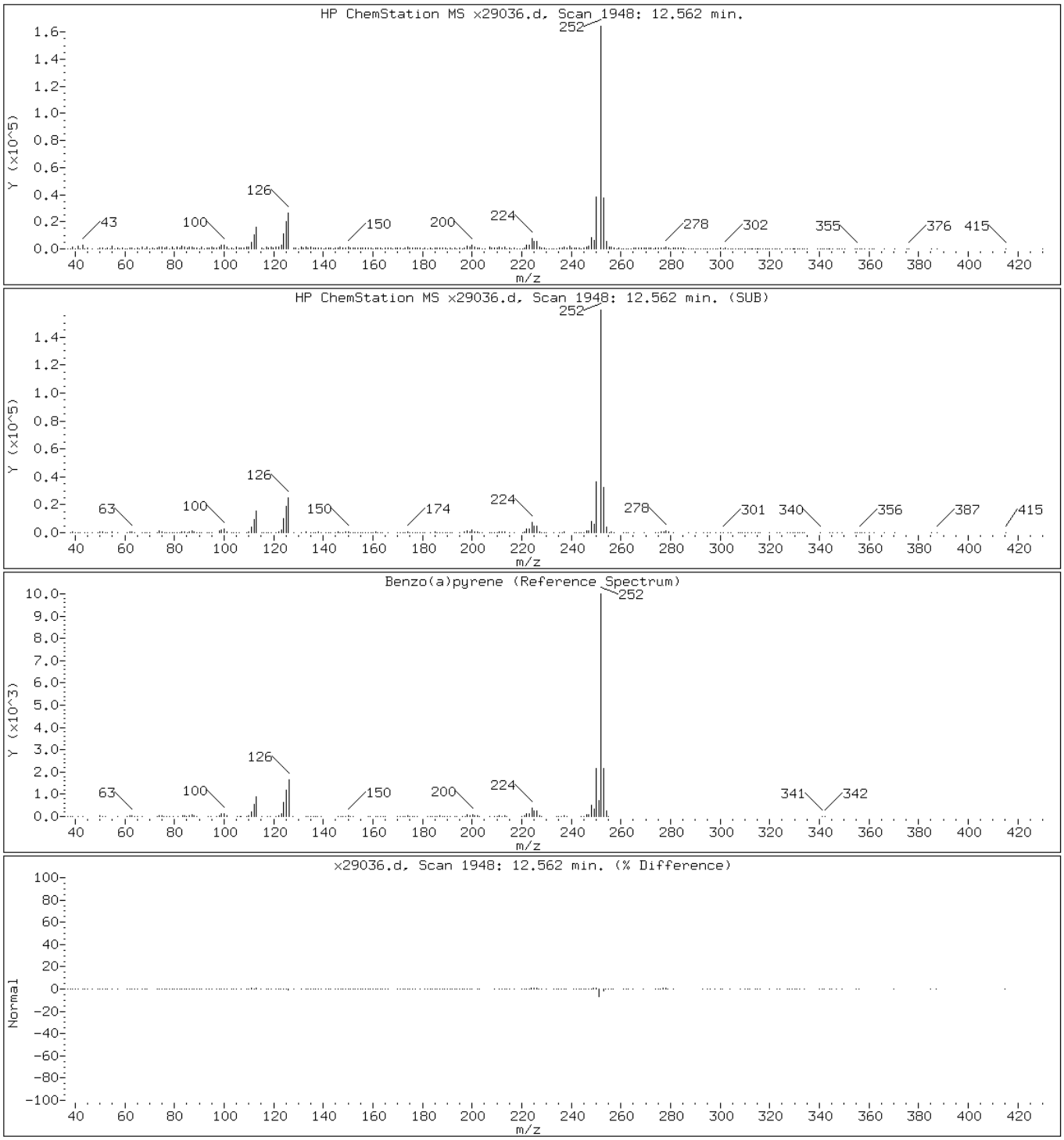
Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

67 Benzo(a)pyrene



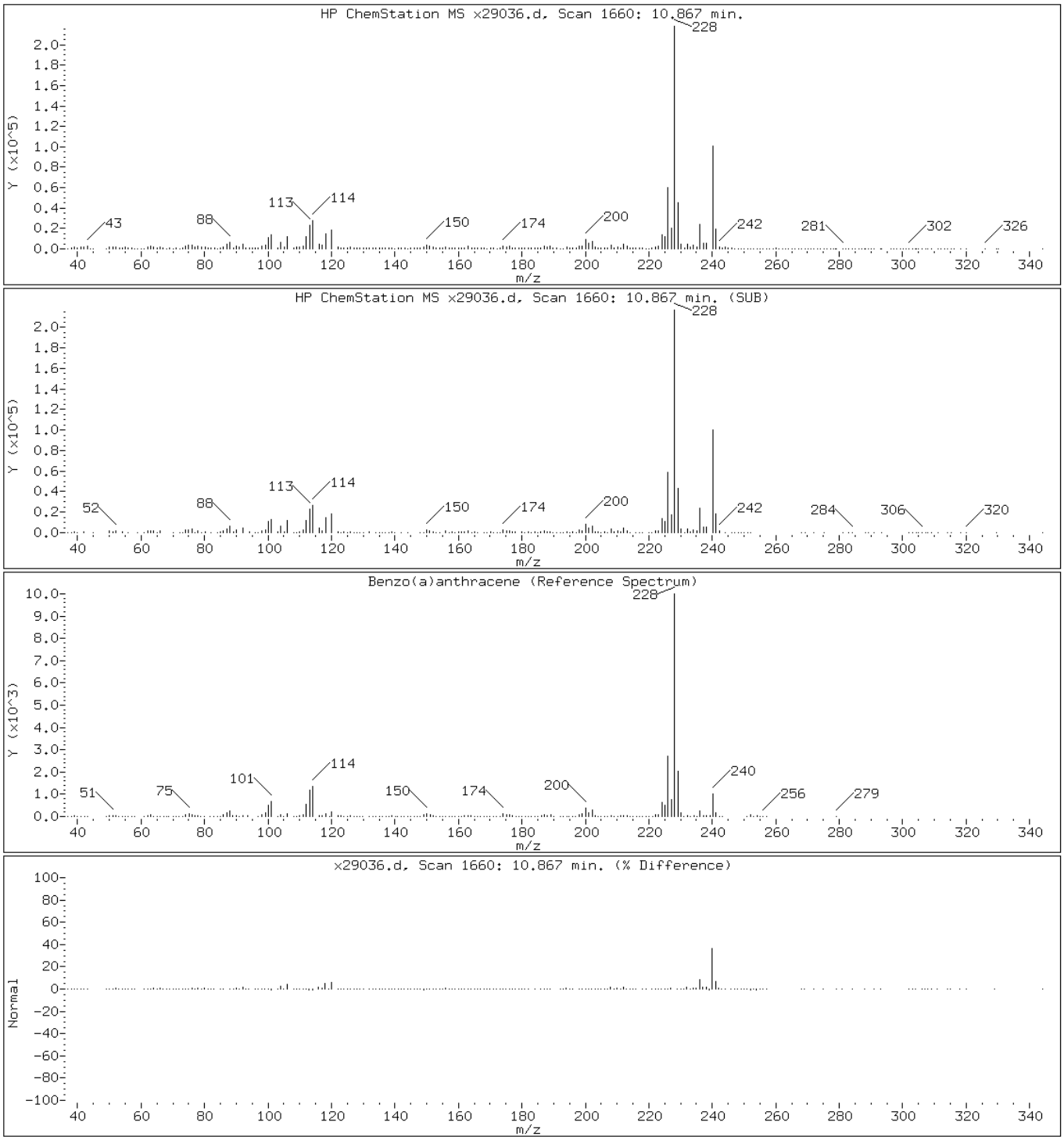
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

61 Benzo(a)anthracene



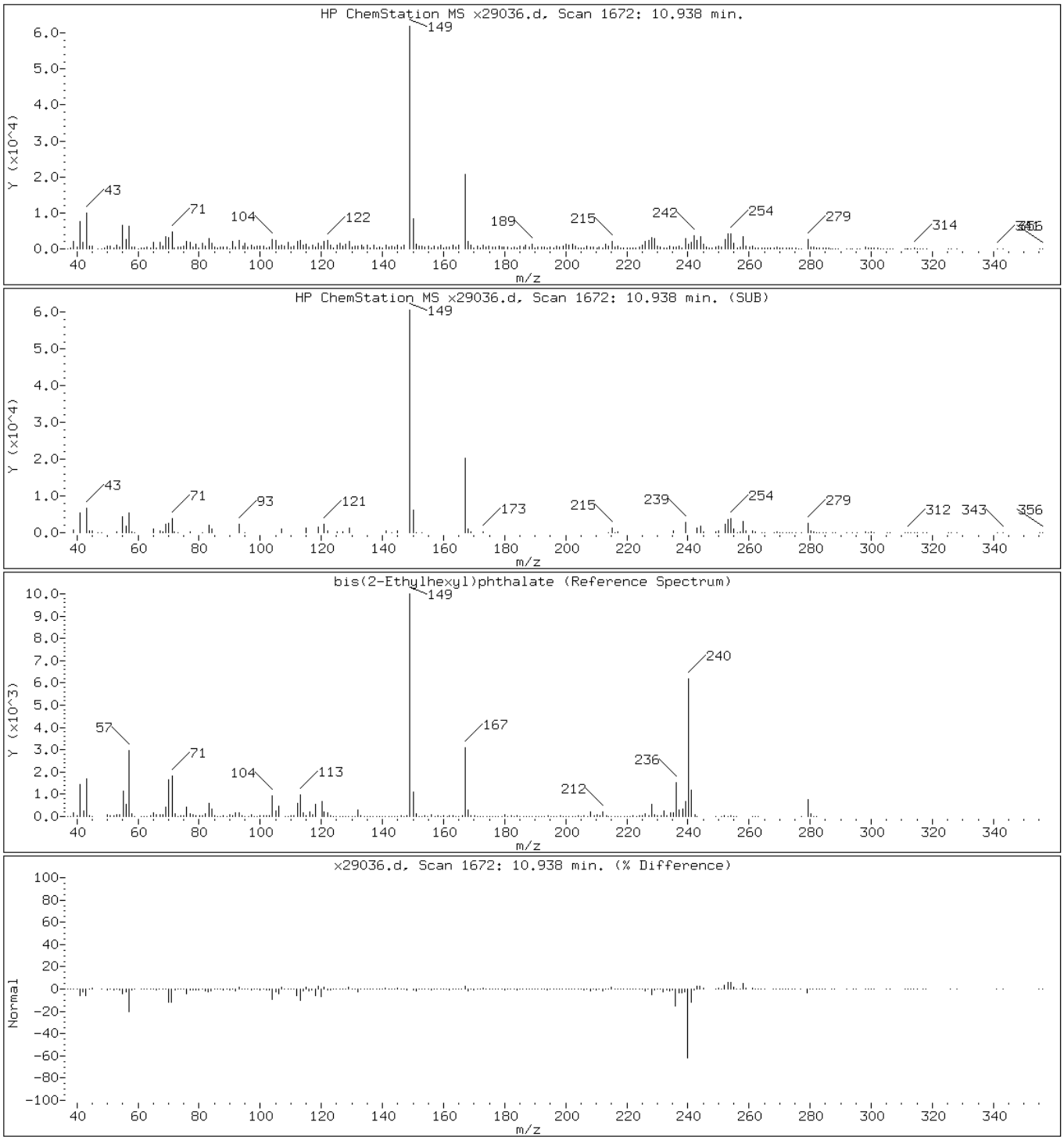
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



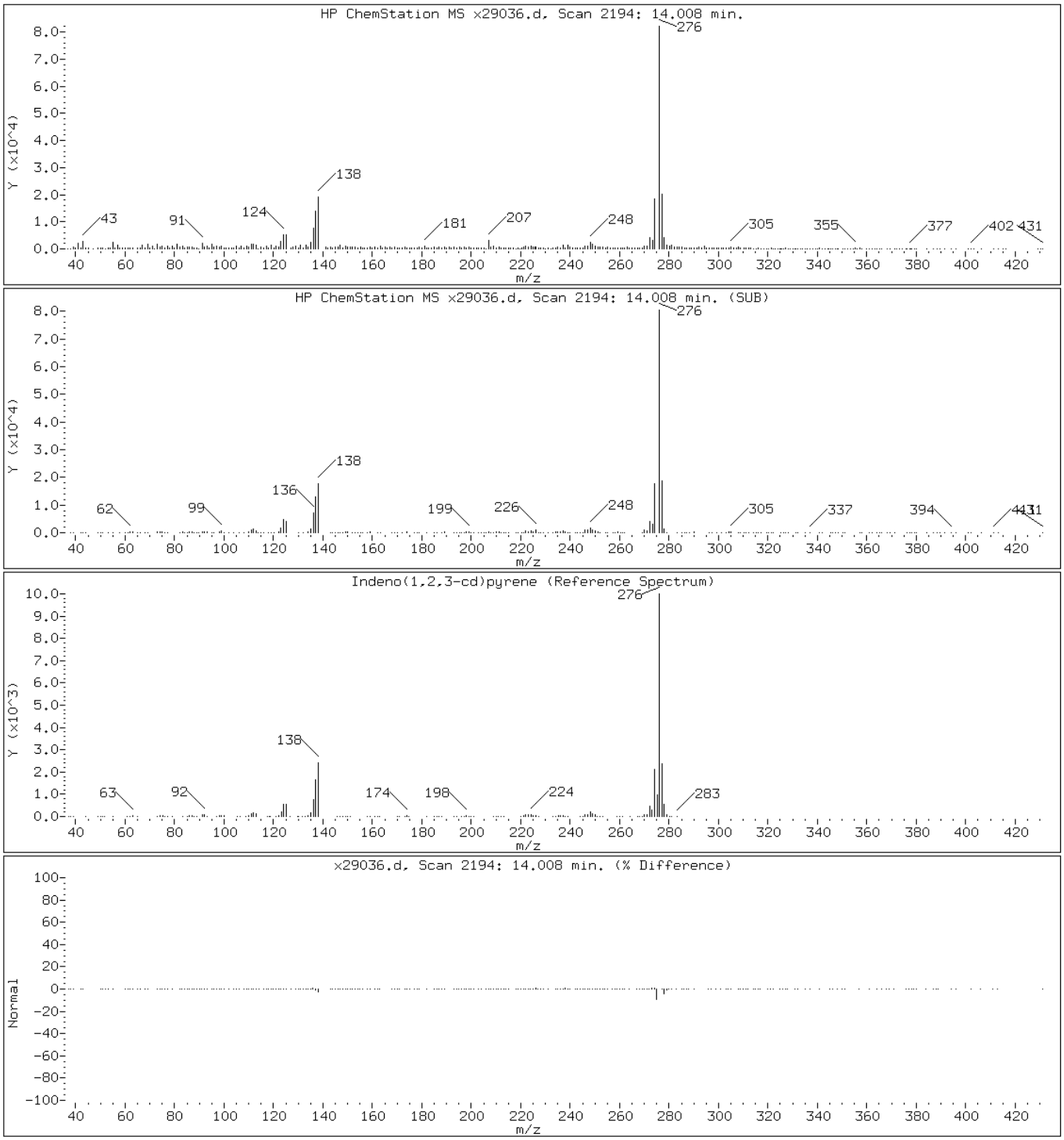
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



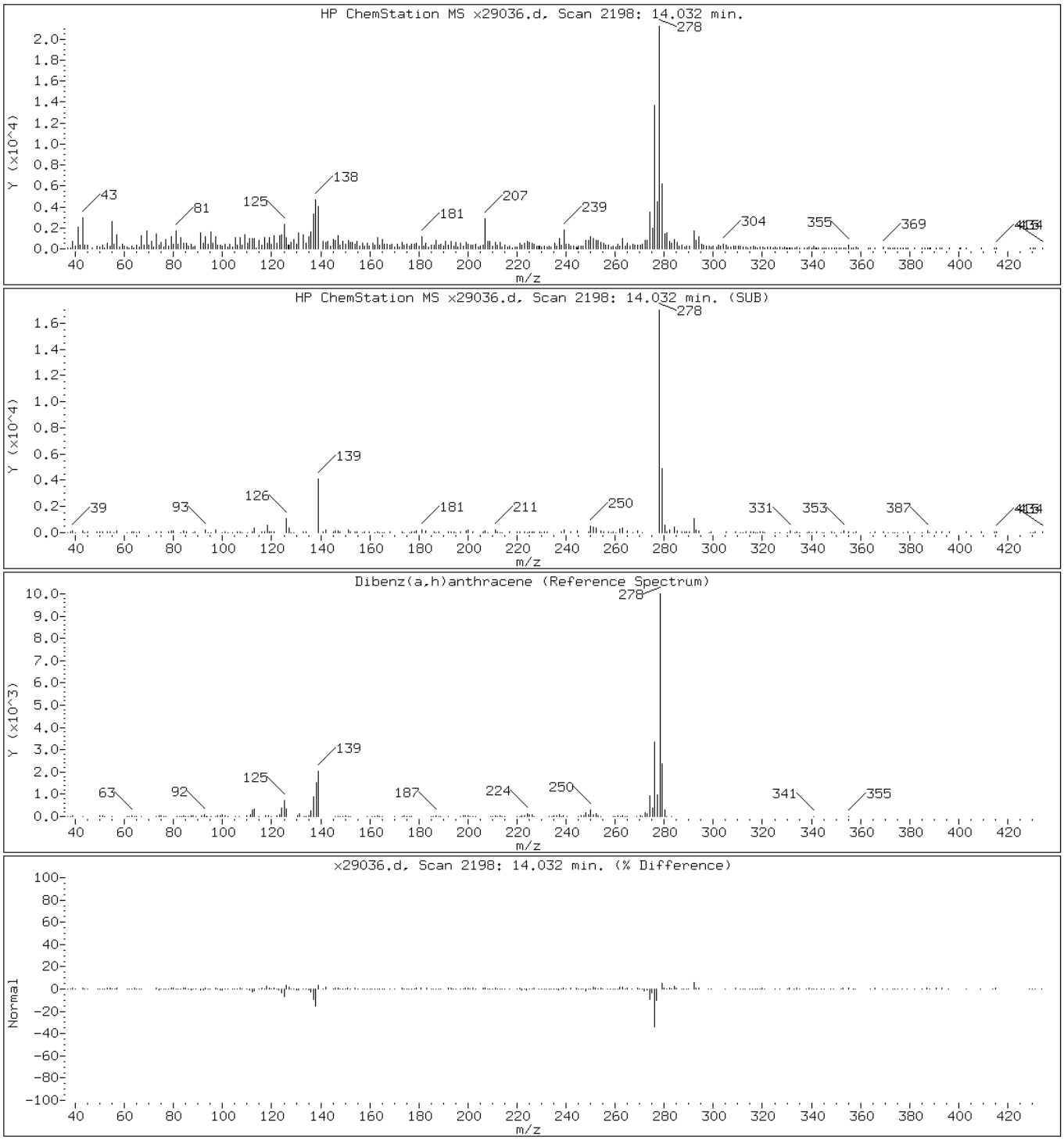
Data File: x29036.d

Date: 08-AUG-2012 01:36

Client ID: 20120731SB-393V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-10-D Operator: BNAMS 4

69 Dibenz(a,h)anthracene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V0-2N | Lab Sample ID: 460-42971-11

Matrix: Solid | Lab File ID: x28896.d

Analysis Method: 8270C | Date Collected: 07/31/2012 11:00

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.05(g) | Date Analyzed: 08/03/2012 07:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	53	U	390	53
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	67	U	390	67
106-44-5	4-Methylphenol	77	U	390	77
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	60	U	390	60
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.6	U	39	5.6
67-72-1	Hexachloroethane	4.4	U	39	4.4
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	44	U	390	44
105-67-9	2,4-Dimethylphenol	97	U	390	97
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	51	U	390	51
91-20-3	Naphthalene	120	J	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.6	U	79	9.6
105-60-2	Caprolactam	90	U	390	90
59-50-7	4-Chloro-3-methylphenol	59	U	390	59
91-57-6	2-Methylnaphthalene	100	J	390	50
118-74-1	Hexachlorobenzene	5.4	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	51	U	390	51
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	44	U	390	44
88-74-4	2-Nitroaniline	160	U	790	160
606-20-2	2,6-Dinitrotoluene	12	U	79	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	790	140
83-32-9	Acenaphthene	57	U	390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V0-2N | Lab Sample ID: 460-42971-11

Matrix: Solid | Lab File ID: x28896.d

Analysis Method: 8270C | Date Collected: 07/31/2012 11:00

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.05(g) | Date Analyzed: 08/03/2012 07:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	47	U	390	47
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	80	J	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	79	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	790	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	48	U	390	48
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	75	J	390	50
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	73	J	390	33
218-01-9	Chrysene	61	J	390	46
207-08-9	Benzo[k]fluoranthene	30	J	39	3.0
191-24-2	Benzo[g,h,i]perylene	45	J	390	29
205-99-2	Benzo[b]fluoranthene	69		39	2.5
50-32-8	Benzo[a]pyrene	51		39	2.8
56-55-3	Benzo[a]anthracene	56		39	2.7
86-30-6	N-Nitrosodiphenylamine	39	U	390	39
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	45		39	7.3
53-70-3	Dibenz(a,h)anthracene	10	J	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	790	140
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U *	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	390	51

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V0-2N | Lab Sample ID: 460-42971-11

Matrix: Solid | Lab File ID: x28896.d

Analysis Method: 8270C | Date Collected: 07/31/2012 11:00

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.05(g) | Date Analyzed: 08/03/2012 07:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	39		38-105
4165-62-2	Phenol-d5	53		41-118
1718-51-0	Terphenyl-d14	84		16-151
118-79-6	2,4,6-Tribromophenol	52		10-120
367-12-4	2-Fluorophenol	38		37-125
321-60-8	2-Fluorobiphenyl	46		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28896.d
Report Date: 10-Aug-2012 01:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28896.d
Lab Smp Id: 460-42971-E-11-D Client Smp ID: 20120731SB-392V0-2N
Inj Date : 03-AUG-2012 07:39
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-11-D
Misc Info : 460-42971-E-11-D
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	15.79961	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.531	2.496	(0.675)	623406	38.3361	3000
$ 17 Phenol-d5 (SUR)	99	3.413	3.425	(0.911)	956161	52.8740	4200
* 79 1,4-Dichlorobenzene-d4	152	3.748	3.754	(1.000)	474037	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.313	4.325	(0.856)	327591	19.2806	1500
* 80 Naphthalene-d8	136	5.037	5.048	(1.000)	1749890	40.0000	
31 Naphthalene	128	5.060	5.066	(1.005)	72650	1.56997	120(a)
34 2-Methylnaphthalene	142	5.760	5.766	(1.144)	37072	1.28055	100(a)
120 1-Methylnaphthalene	142	5.854	5.866	(1.162)	24852	0.84099	66(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.148	(0.903)	683449	22.7797	1800
125 1,3-Dimethylnaphthalene	156	6.460	6.472	(0.951)	13725	0.64384	51(a)
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	822457	40.0000	
43 Dibenzofuran	168	6.995	7.001	(1.029)	8220	0.25533	20(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	204339	52.2580	4100

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28896.d
Report Date: 10-Aug-2012 01:41

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
115 n-Octadecane	57	8.183	8.195	(0.992)	5268	0.42093	33(a)
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	996079	40.0000	
52 Phenanthrene	178	8.266	8.278	(1.002)	27184	0.94808	75(aH)
53 Anthracene	178	8.313	8.325	(1.008)	2986	0.10263	8.1(a)
56 Fluoranthene	202	9.436	9.442	(1.144)	26462	1.01622	80(a)
57 Pyrene	202	9.648	9.660	(0.886)	23262	0.93008	73(a)
$ 78 Terphenyl-d14	244	9.824	9.830	(0.902)	768540	42.1995	3300
61 Benzo(a)anthracene	228	10.877	10.889	(0.999)	12844	0.71361	56(H)
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	582990	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.954	10.972	(1.006)	14366	1.04541	82(a)
62 Chrysene	228	10.913	10.930	(1.002)	13047	0.77853	61(a)
65 Benzo(b)fluoranthene	252	12.160	12.177	(0.961)	13137	0.86985	69(H)
66 Benzo(k)fluoranthene	252	12.195	12.213	(0.964)	6157	0.38386	30(aH)
67 Benzo(a)pyrene	252	12.571	12.583	(0.994)	7541	0.64304	51
* 84 Perylene-d12	264	12.648	12.660	(1.000)	490657	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.012	14.030	(1.108)	4967	0.57091	45
69 Dibenz(a,h)anthracene	278	14.048	14.066	(1.111)	1156	0.12838	10(a)
70 Benzo(g,h,i)perylene	276	14.354	14.371	(1.135)	5326	0.56559	45(a)

QC Flag Legend

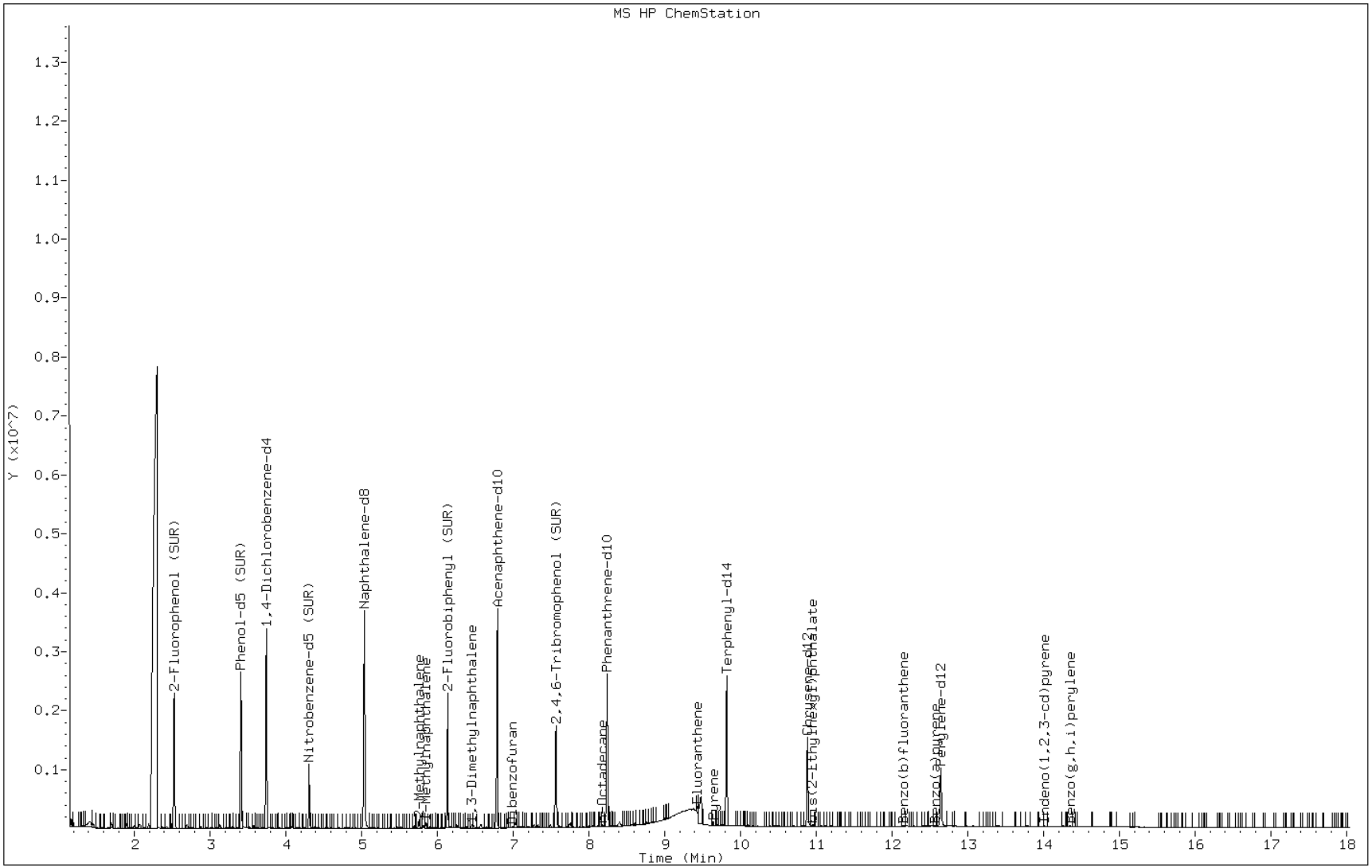
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4



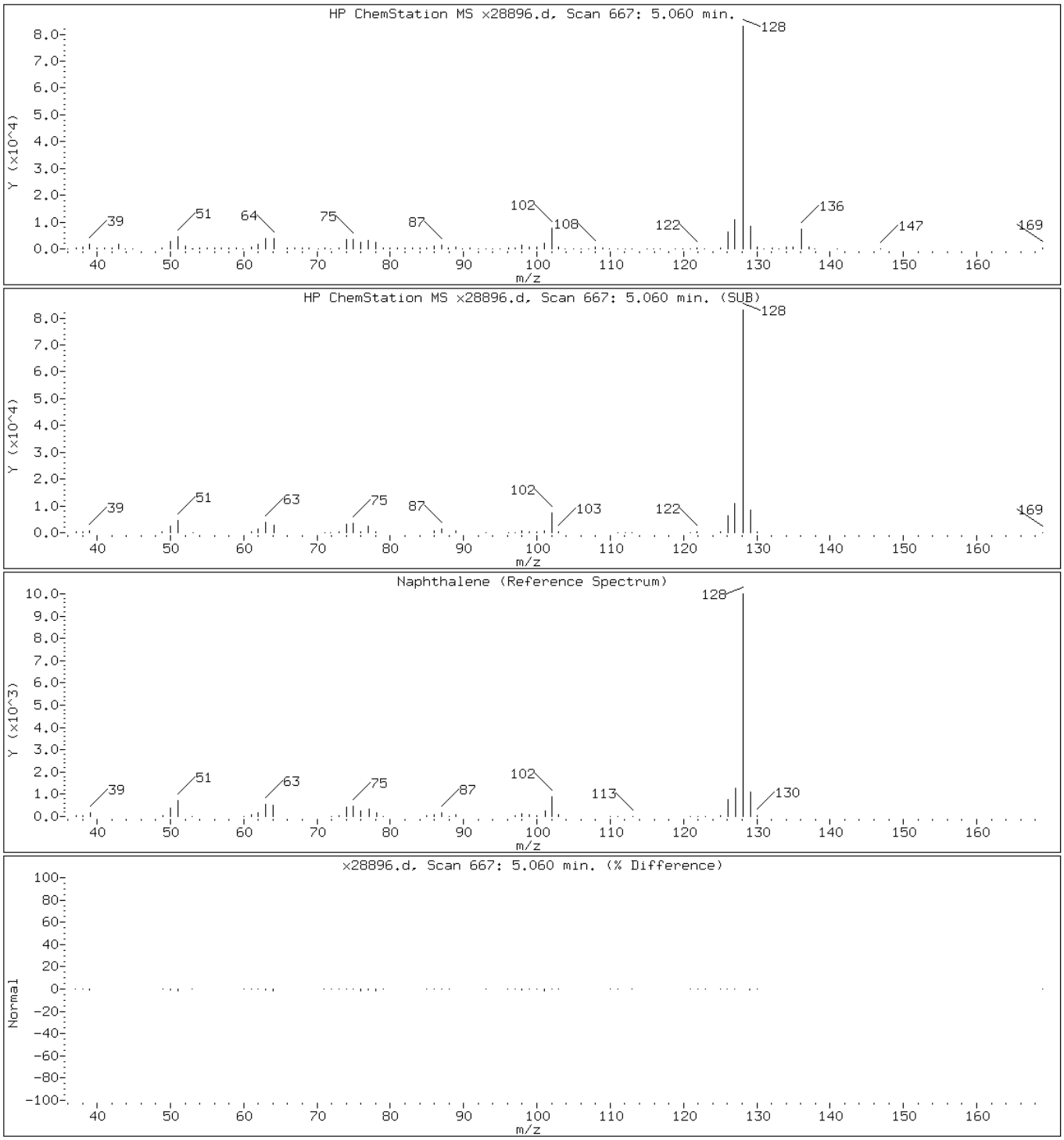
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

31 Naphthalene



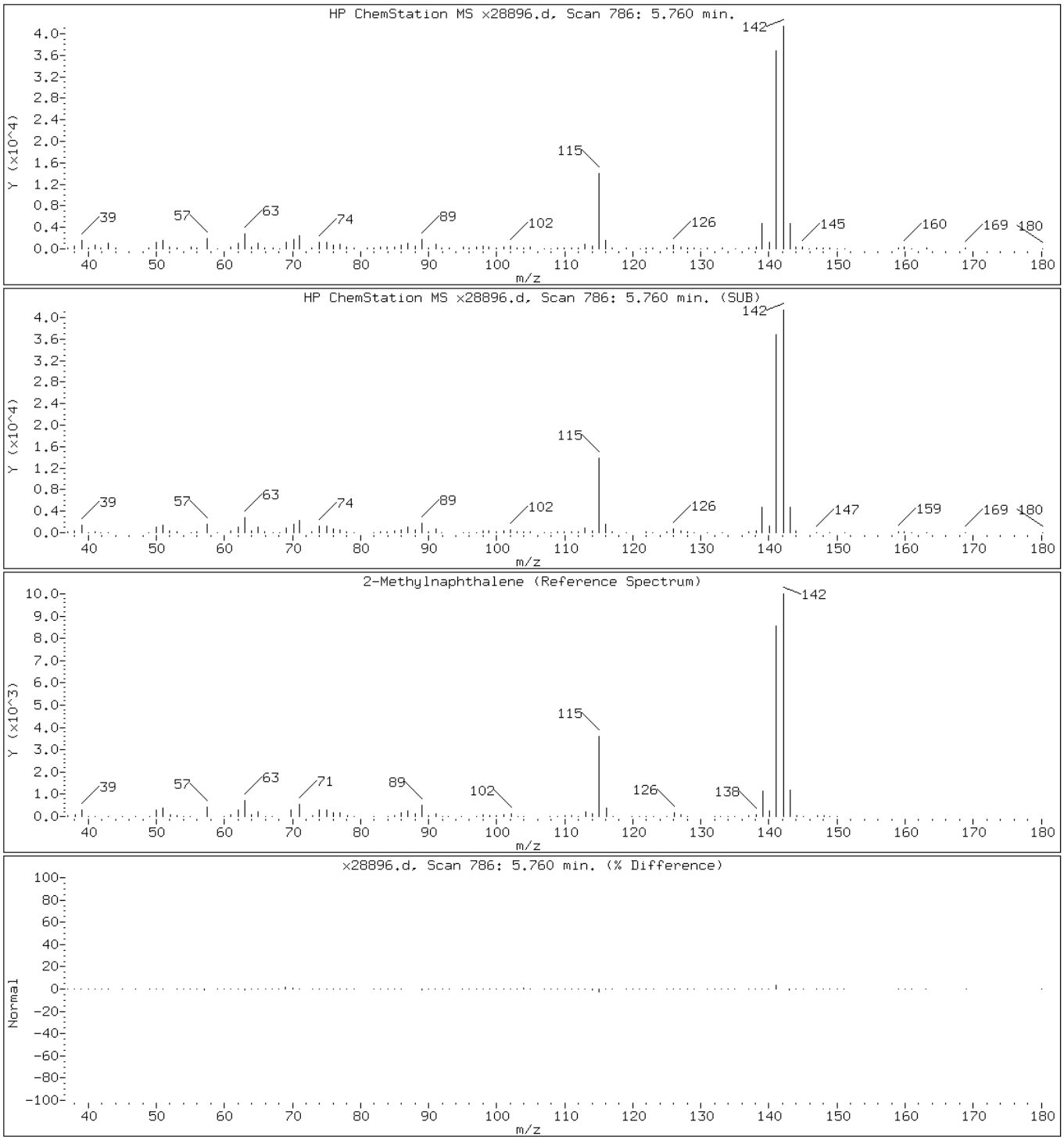
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

34 2-Methylnaphthalene



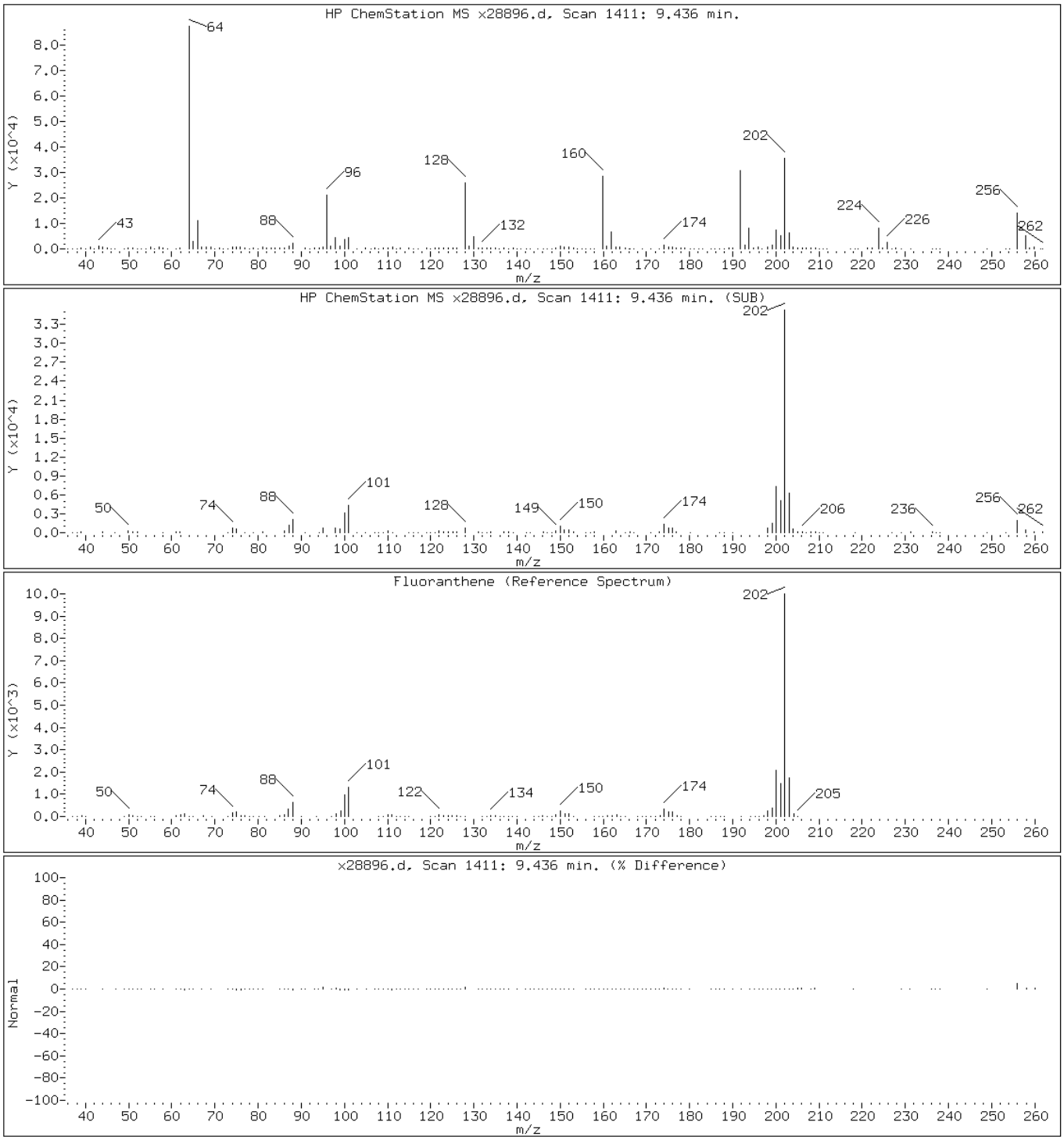
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

56 Fluoranthene



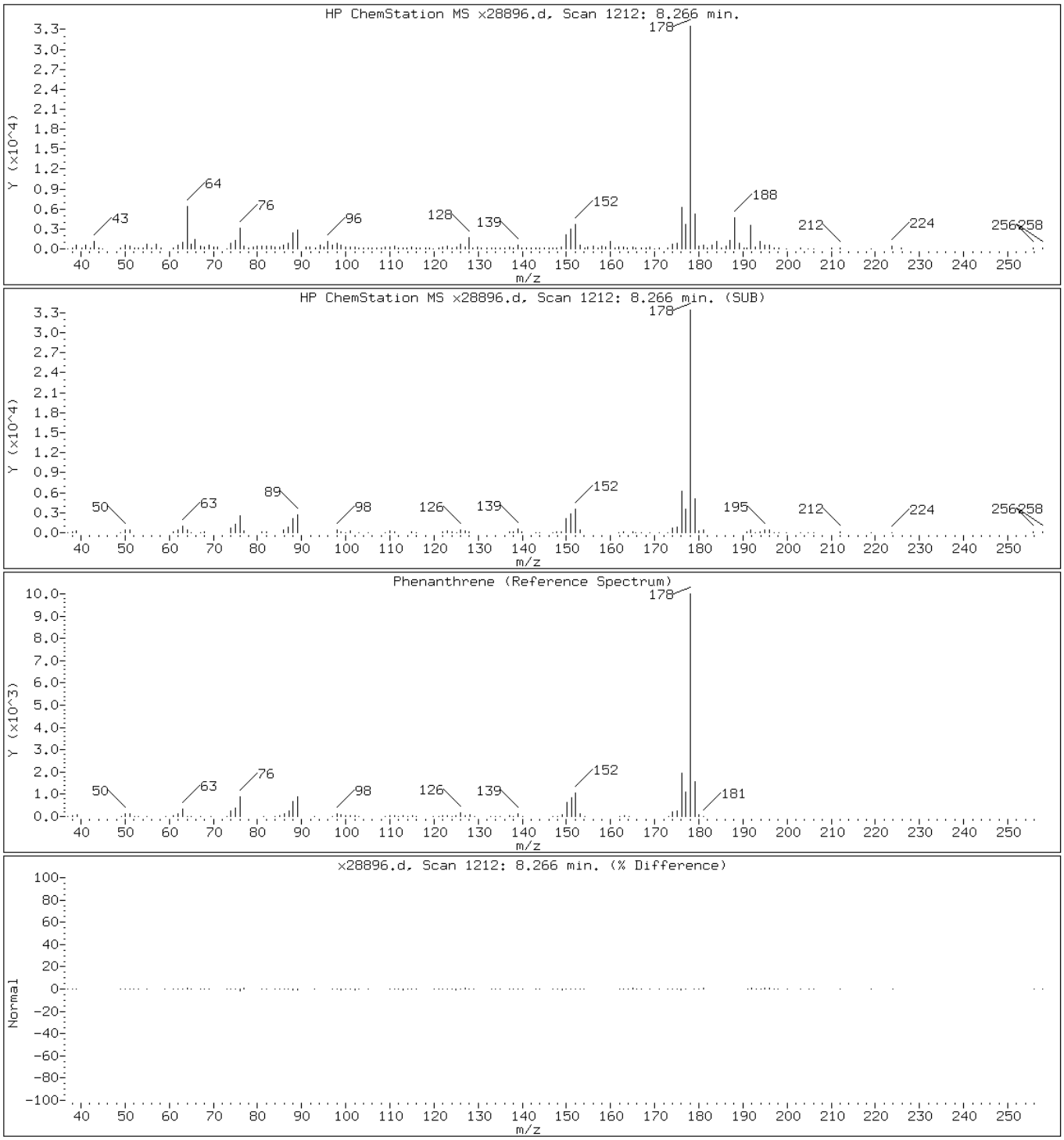
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

52 Phenanthrene



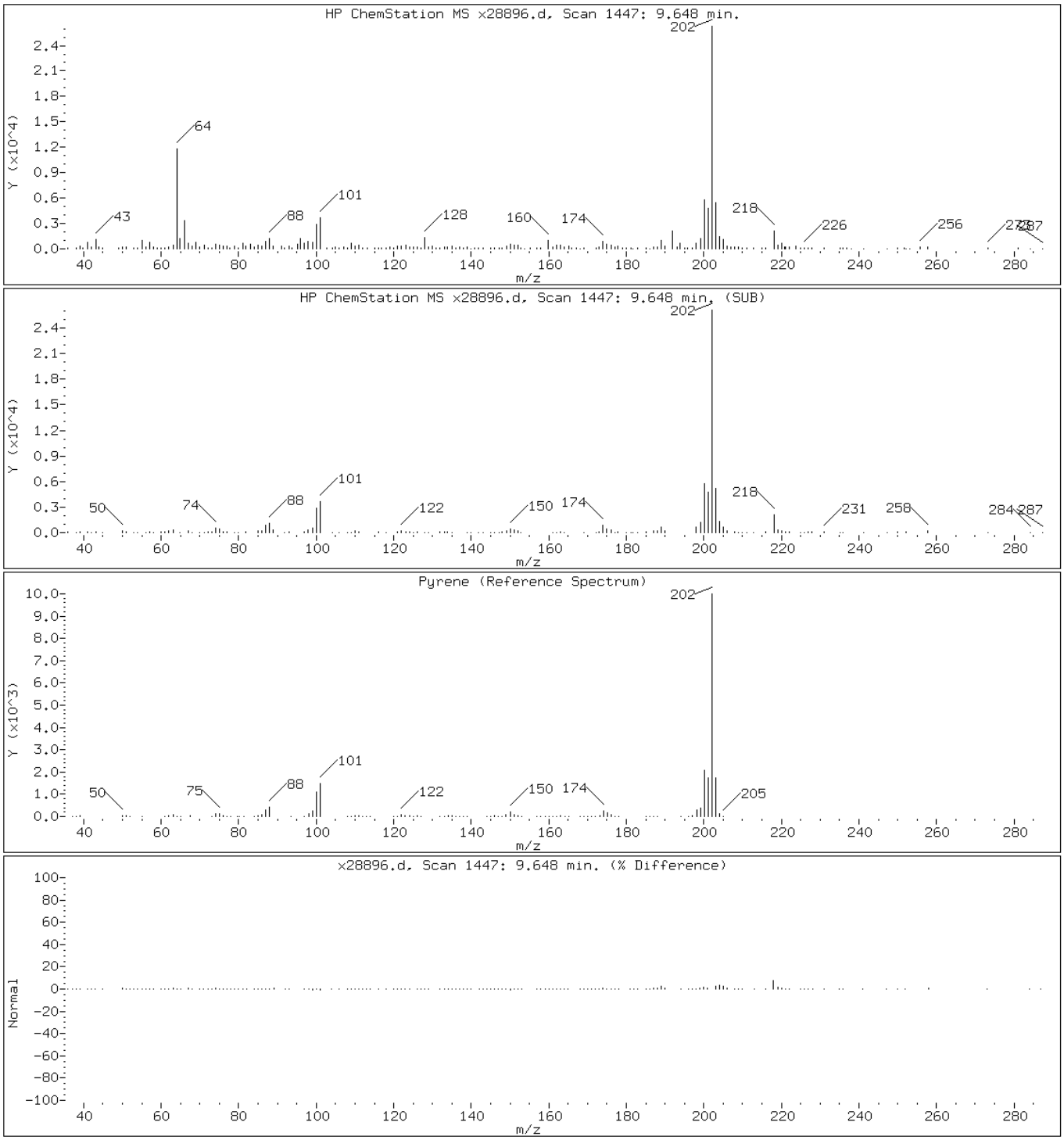
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

57 Pyrene



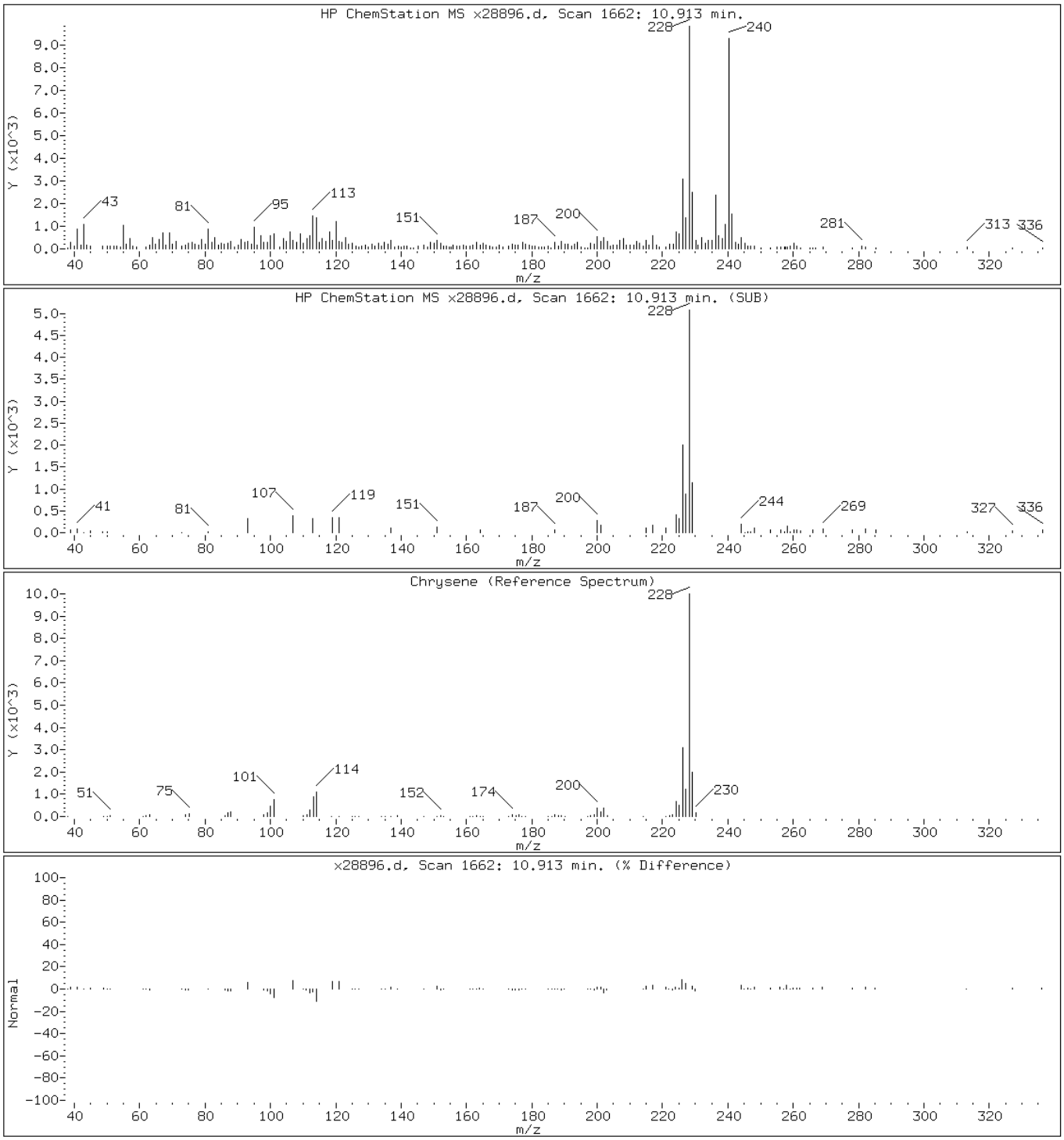
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

62 Chrysene



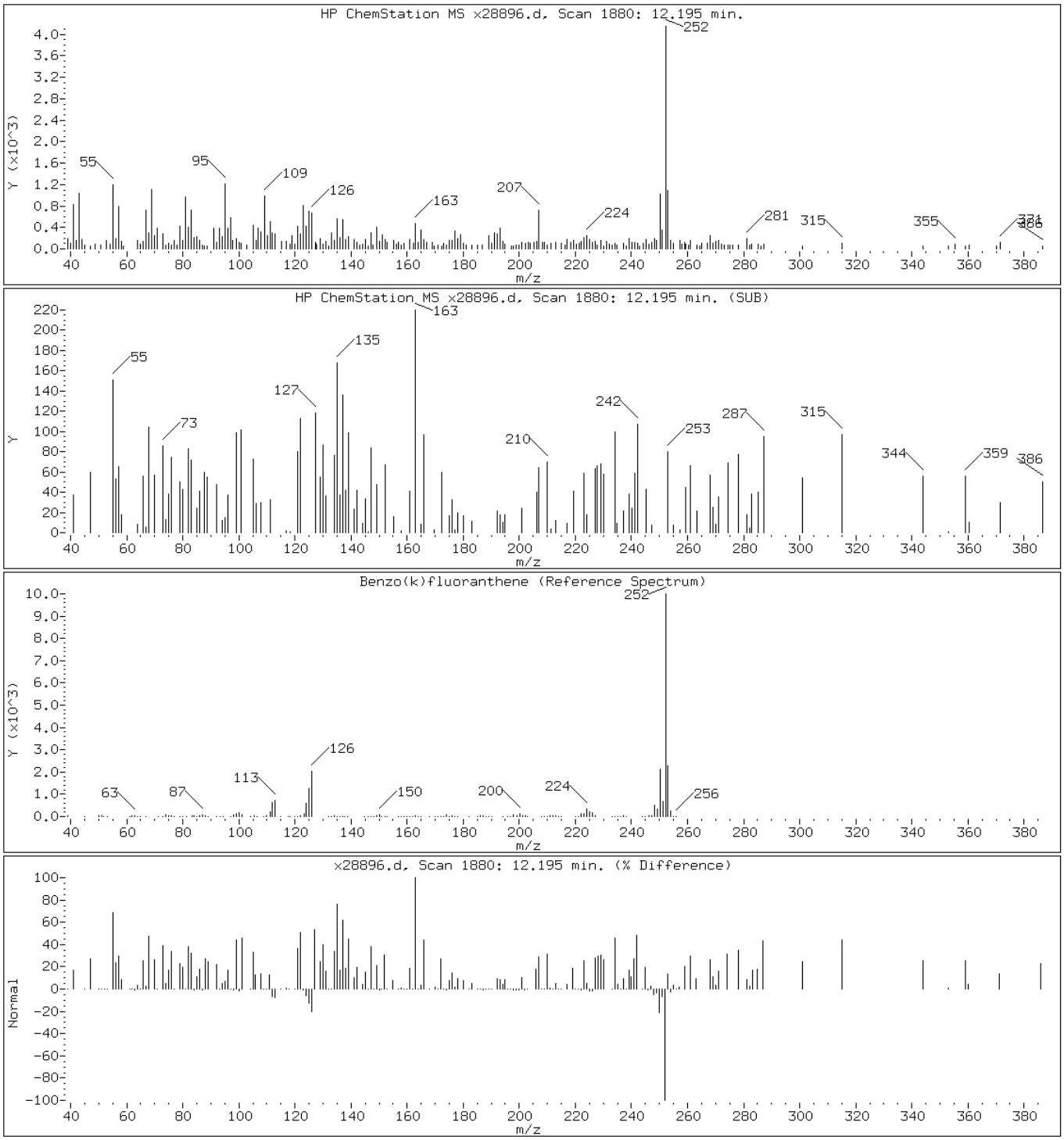
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

66 Benzo(k)fluoranthene



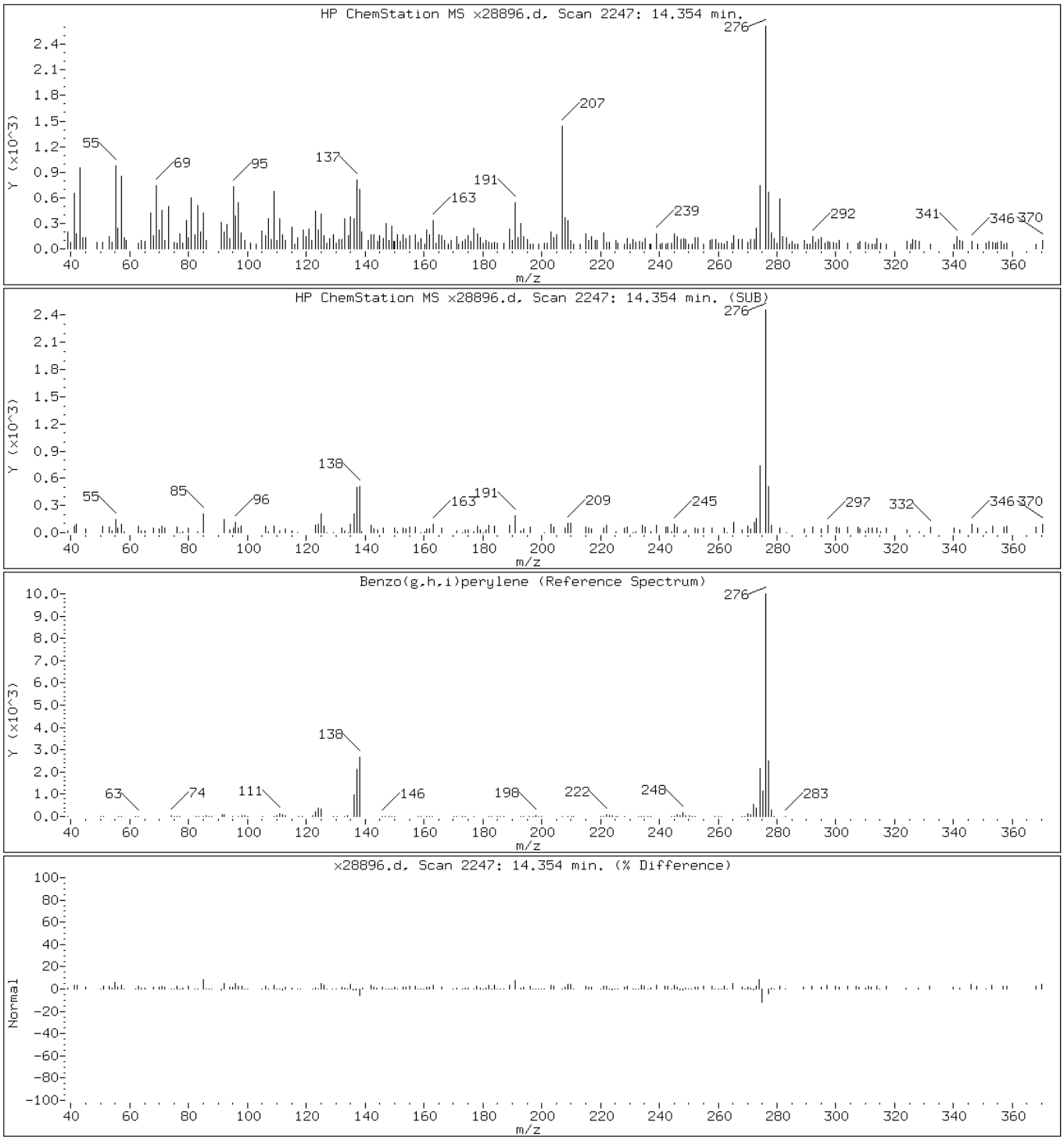
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

70 Benzo(g,h,i)perylene



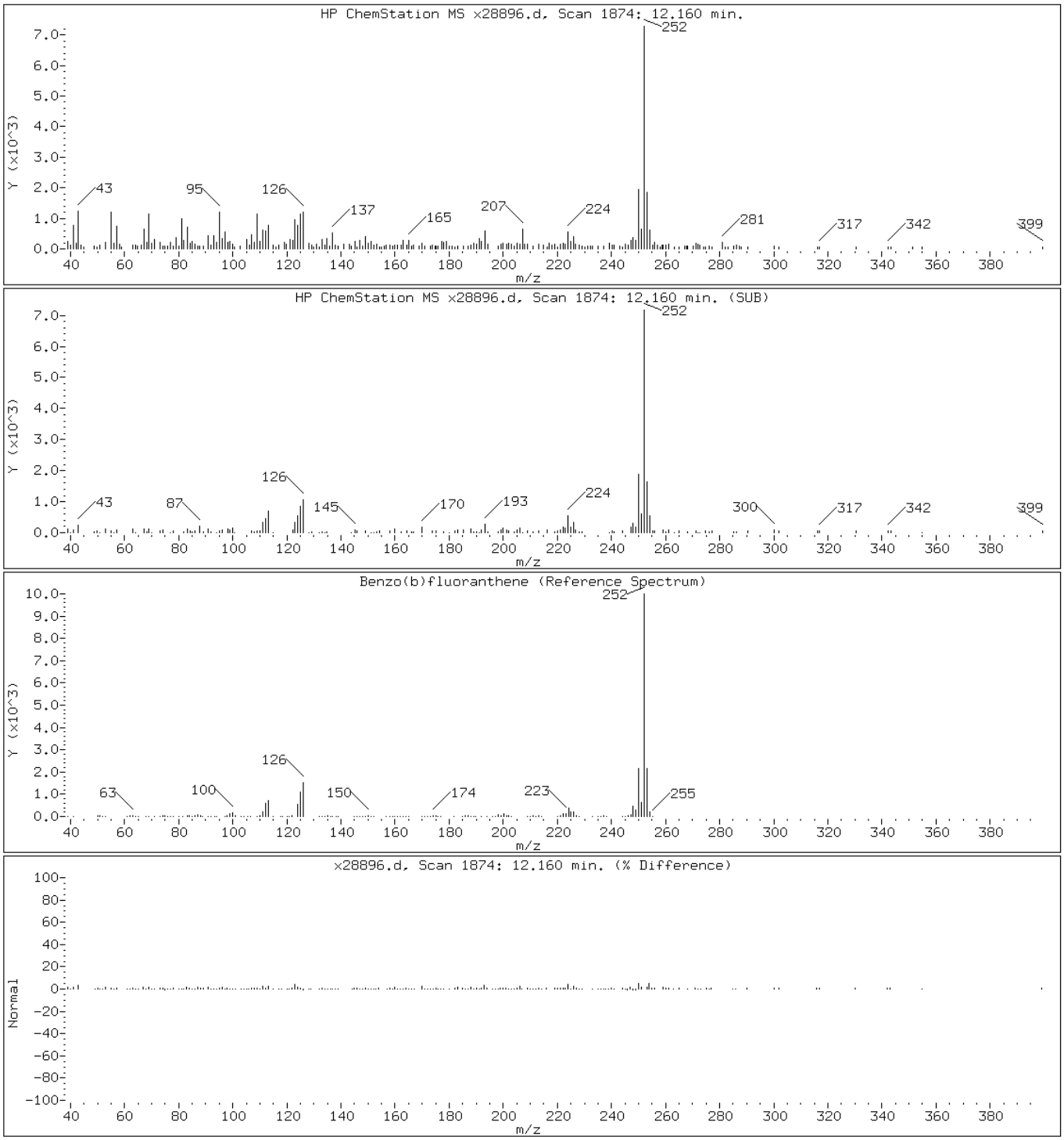
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

65 Benzo(b)fluoranthene



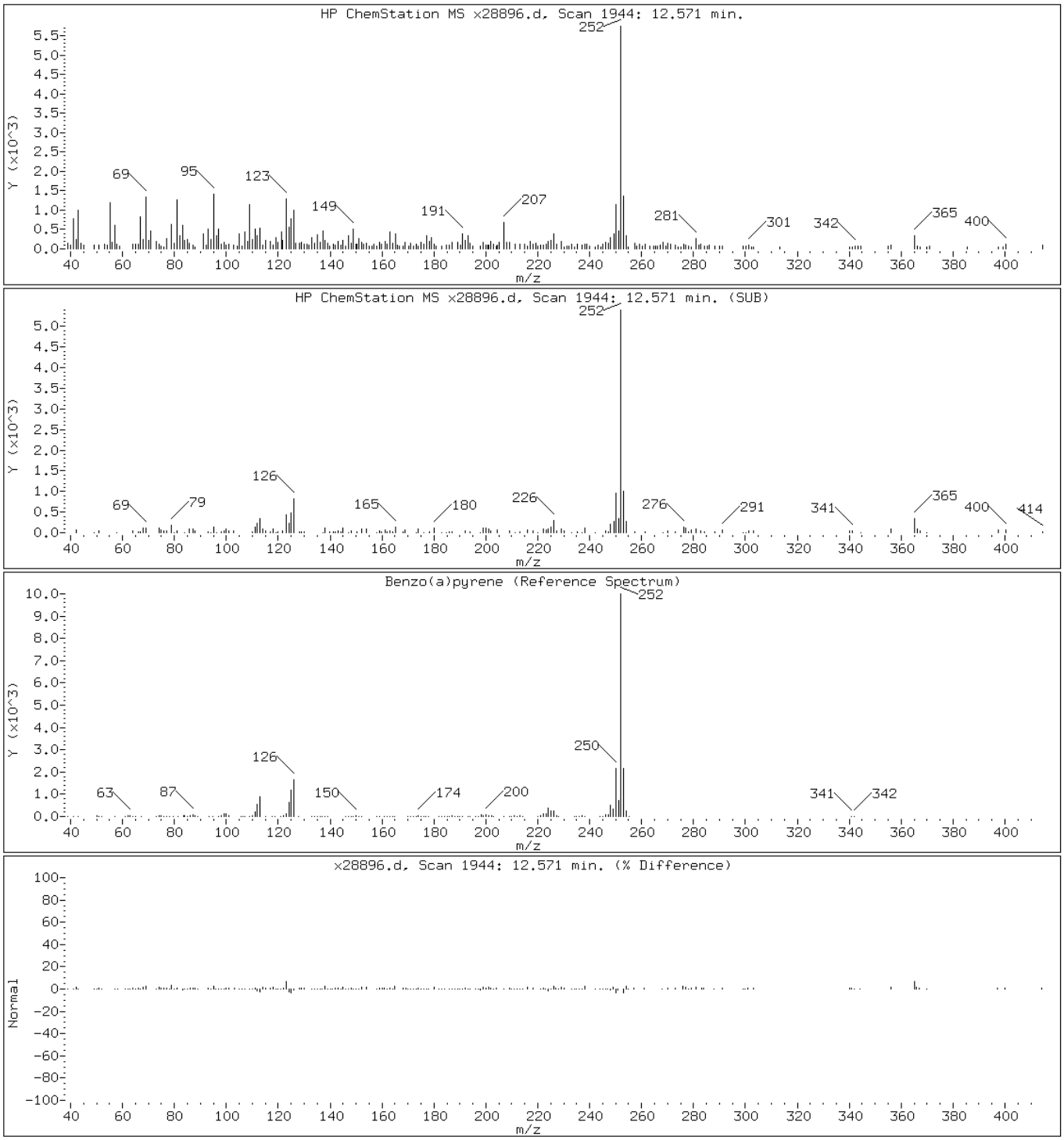
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

67 Benzo(a)pyrene



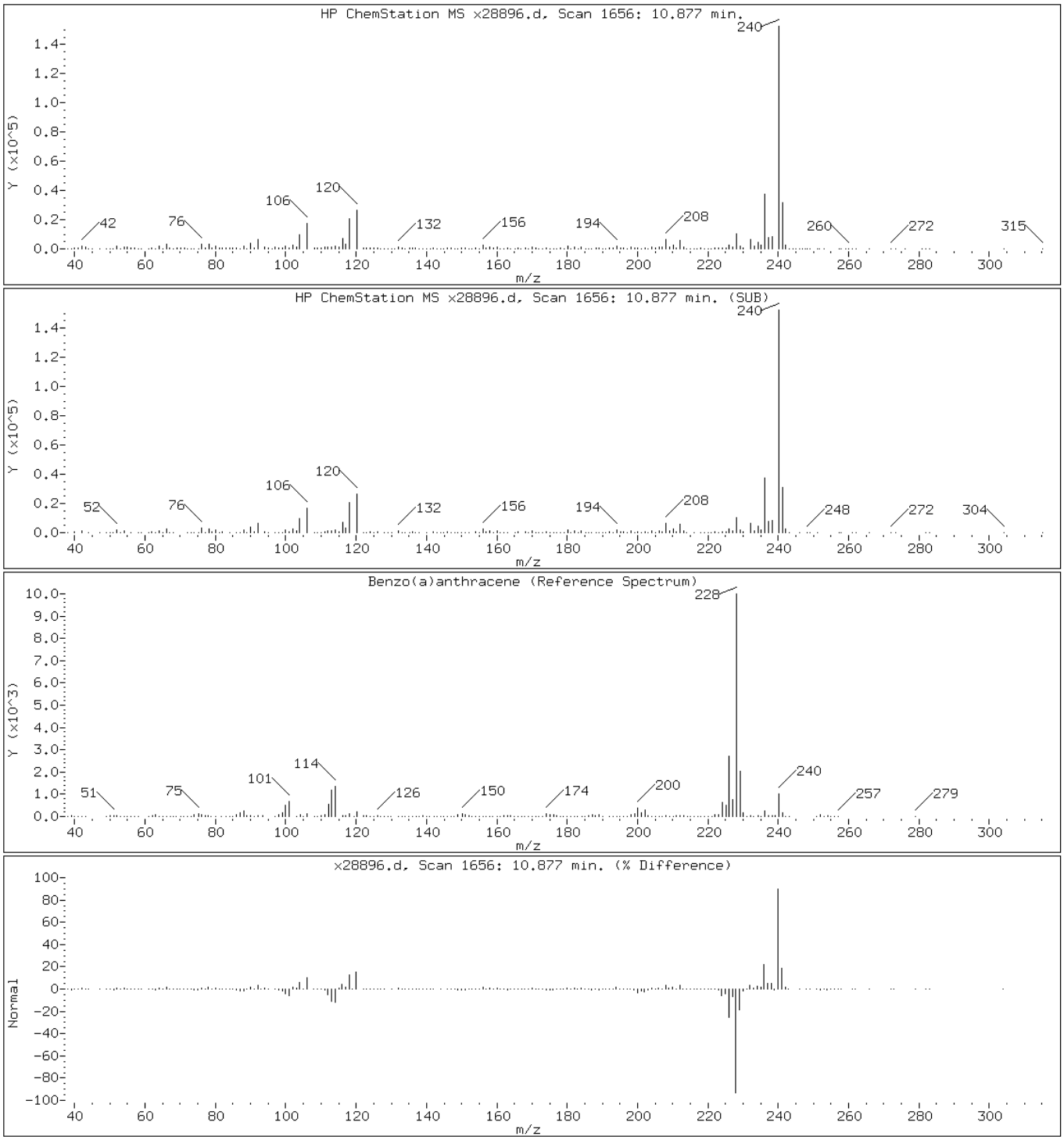
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

61 Benzo(a)anthracene



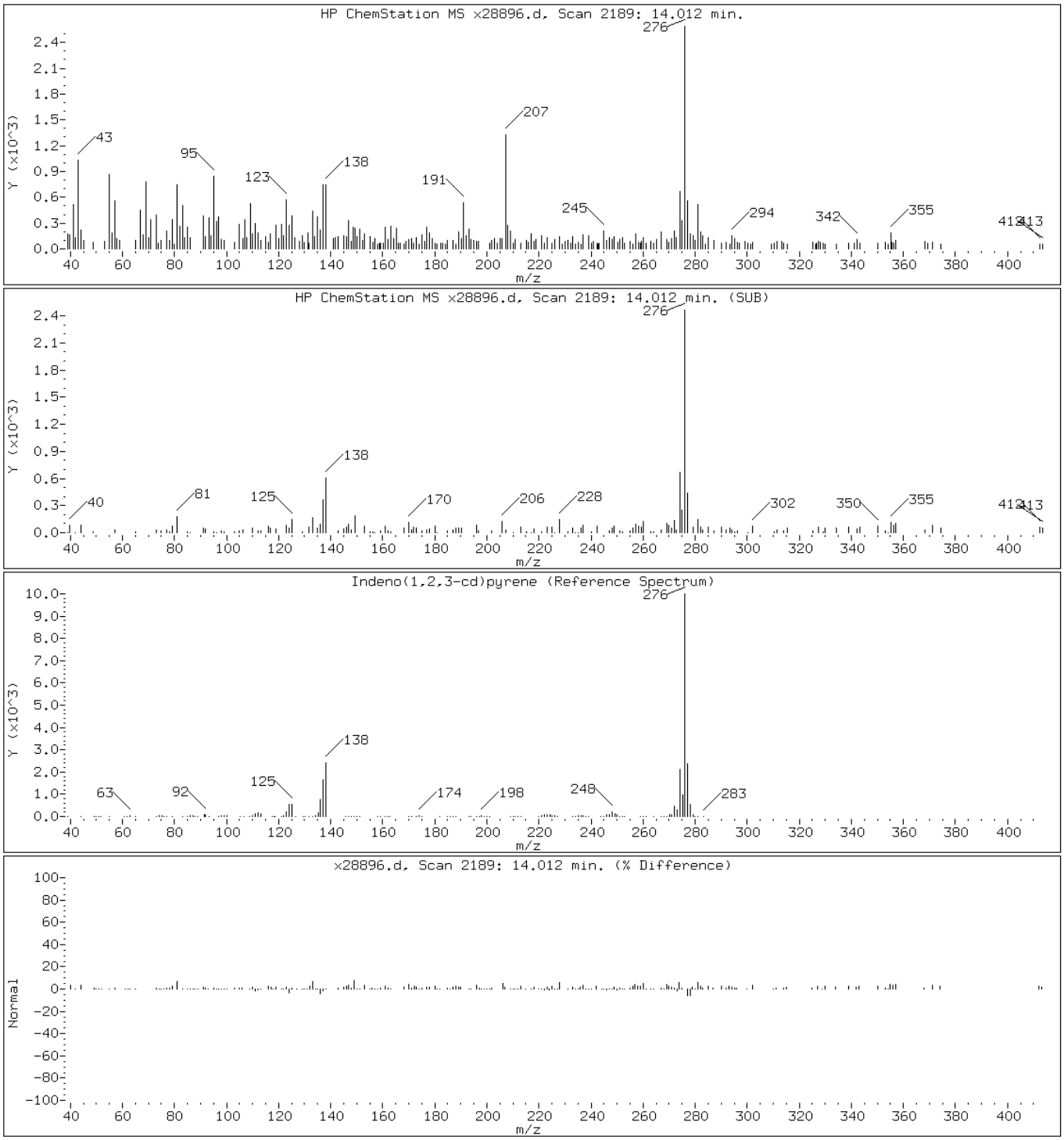
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



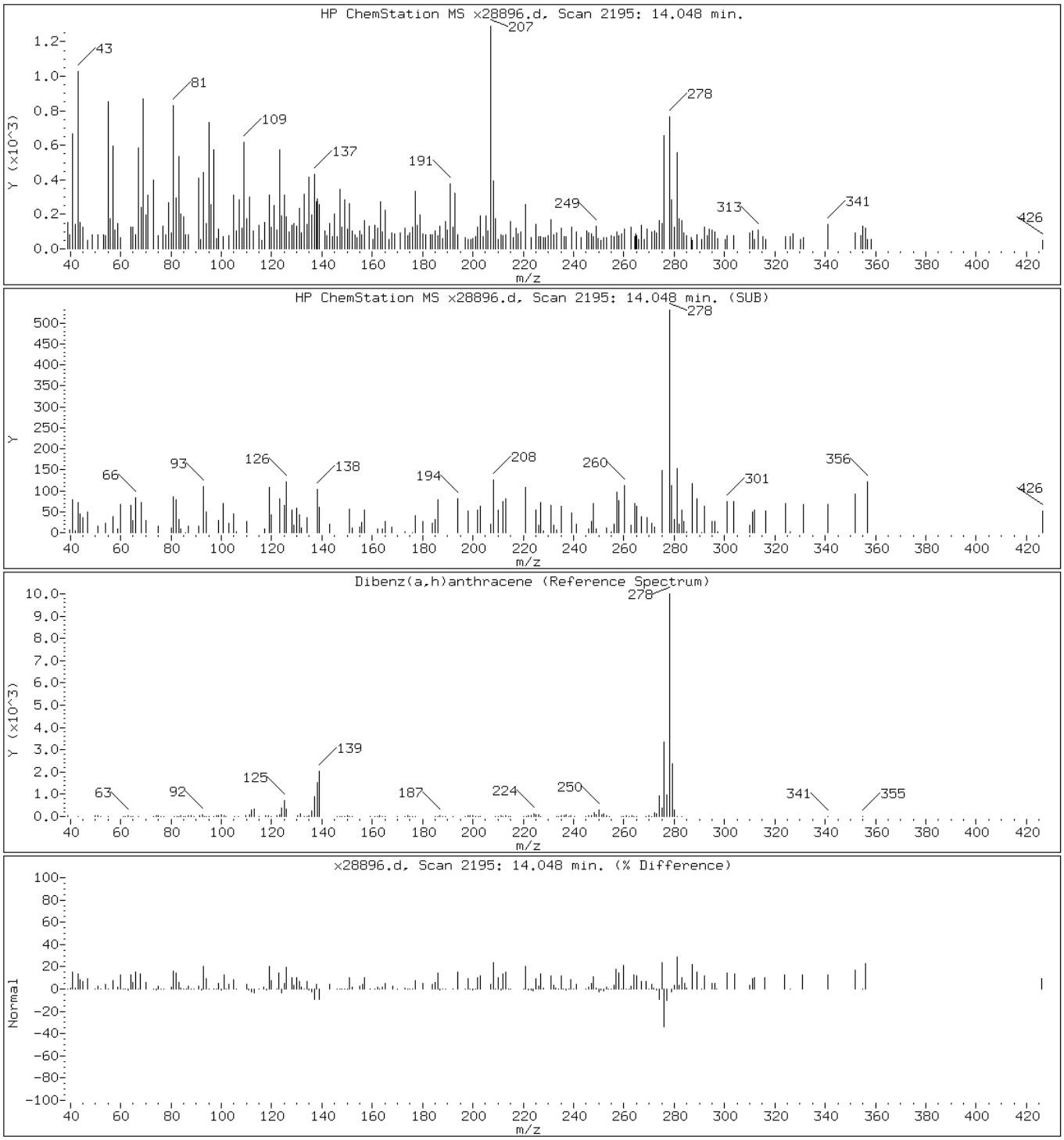
Data File: x28896.d

Date: 03-AUG-2012 07:39

Client ID: 20120731SB-392V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-11-D Operator: BNAMS 4

69 Dibenz(a,h)anthracene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V7-8N | Lab Sample ID: 460-42971-12

Matrix: Solid | Lab File ID: x28890.d

Analysis Method: 8270C | Date Collected: 07/31/2012 11:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 30.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	64	U	470	64
95-57-8	2-Chlorophenol	62	U	470	62
95-48-7	2-Methylphenol	81	U	470	81
106-44-5	4-Methylphenol	93	U	470	93
100-52-7	Benzaldehyde	56	U	470	56
98-86-2	Acetophenone	73	U	470	73
111-44-4	Bis(2-chloroethyl)ether	6.5	U	47	6.5
108-60-1	2,2'-oxybis[1-chloropropane]	52	U	470	52
621-64-7	N-Nitrosodi-n-propylamine	7.9	U	47	7.9
98-95-3	Nitrobenzene	6.7	U	47	6.7
67-72-1	Hexachloroethane	5.3	U	47	5.3
78-59-1	Isophorone	57	U	470	57
88-75-5	2-Nitrophenol	53	U	470	53
105-67-9	2,4-Dimethylphenol	120	U	470	120
120-83-2	2,4-Dichlorophenol	69	U	470	69
111-91-1	Bis(2-chloroethoxy)methane	61	U	470	61
91-20-3	Naphthalene	55	U	470	55
106-47-8	4-Chloroaniline	130	U	470	130
87-68-3	Hexachlorobutadiene	12	U	96	12
105-60-2	Caprolactam	110	U	470	110
59-50-7	4-Chloro-3-methylphenol	71	U	470	71
91-57-6	2-Methylnaphthalene	61	U	470	61
118-74-1	Hexachlorobenzene	6.5	U	47	6.5
77-47-4	Hexachlorocyclopentadiene	56	U	470	56
88-06-2	2,4,6-Trichlorophenol	55	U	470	55
95-95-4	2,4,5-Trichlorophenol	61	U	470	61
92-52-4	Diphenyl	63	U	470	63
91-58-7	2-Chloronaphthalene	53	U	470	53
88-74-4	2-Nitroaniline	200	U	960	200
606-20-2	2,6-Dinitrotoluene	14	U	96	14
131-11-3	Dimethyl phthalate	56	U	470	56
208-96-8	Acenaphthylene	56	U	470	56
99-09-2	3-Nitroaniline	170	U	960	170
83-32-9	Acenaphthene	69	U	470	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V7-8N | Lab Sample ID: 460-42971-12

Matrix: Solid | Lab File ID: x28890.d

Analysis Method: 8270C | Date Collected: 07/31/2012 11:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 30.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	300	U	1400	300
51-28-5	2,4-Dinitrophenol	270	U	1400	270
132-64-9	Dibenzofuran	55	U	470	55
84-66-2	Diethyl phthalate	56	U	470	56
86-73-7	Fluorene	61	U	470	61
206-44-0	Fluoranthene	63	U	470	63
84-74-2	Di-n-butyl phthalate	58	U	470	58
121-14-2	2,4-Dinitrotoluene	16	U	96	16
7005-72-3	4-Chlorophenyl phenyl ether	55	U	470	55
100-01-6	4-Nitroaniline	150	U	960	150
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1400	130
101-55-3	4-Bromophenyl phenyl ether	47	U	470	47
1912-24-9	Atrazine	73	U	470	73
120-12-7	Anthracene	58	U	470	58
86-74-8	Carbazole	56	U	470	56
85-01-8	Phenanthrene	60	U	470	60
87-86-5	Pentachlorophenol	140	U	1400	140
129-00-0	Pyrene	40	U	470	40
218-01-9	Chrysene	55	U	470	55
207-08-9	Benzo[k]fluoranthene	3.6	U	47	3.6
191-24-2	Benzo[g,h,i]perylene	35	U	470	35
205-99-2	Benzo[b]fluoranthene	3.0	U	47	3.0
50-32-8	Benzo[a]pyrene	3.3	U	47	3.3
56-55-3	Benzo[a]anthracene	3.3	U	47	3.3
86-30-6	N-Nitrosodiphenylamine	47	U	470	47
85-68-7	Butyl benzyl phthalate	43	U	470	43
117-81-7	Bis(2-ethylhexyl) phthalate	160	U	470	160
117-84-0	Di-n-octyl phthalate	30	U	470	30
193-39-5	Indeno[1,2,3-cd]pyrene	8.8	U	47	8.8
53-70-3	Dibenz(a,h)anthracene	6.0	U	47	6.0
91-94-1	3,3'-Dichlorobenzidine	170	U	960	170
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U *	470	64
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	470	62

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V7-8N | Lab Sample ID: 460-42971-12

Matrix: Solid | Lab File ID: x28890.d

Analysis Method: 8270C | Date Collected: 07/31/2012 11:05

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 30.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	58		38-105
4165-62-2	Phenol-d5	70		41-118
1718-51-0	Terphenyl-d14	84		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	56		37-125
321-60-8	2-Fluorobiphenyl	59		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28890.d
Report Date: 07-Aug-2012 13:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28890.d
Lab Smp Id: 460-42971-E-12-D Client Smp ID: 20120731SB-392V7-8N
Inj Date : 03-AUG-2012 05:11
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-12-D
Misc Info : 460-42971-E-12-D
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	30.18109	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.525	2.496	(0.674)	862688	56.1809	5400
$ 17 Phenol-d5 (SUR)	99	3.413	3.425	(0.911)	1196278	70.0554	6700
* 79 1,4-Dichlorobenzene-d4	152	3.749	3.754	(1.000)	447624	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.313	4.325	(0.856)	478135	29.1532	2800
* 80 Naphthalene-d8	136	5.037	5.048	(1.000)	1689134	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.137	6.148	(0.903)	904969	29.3397	2800
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	845537	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	260085	64.6991	6200
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	1119060	40.0000	
52 Phenanthrene	178	8.266	8.278	(1.002)	4239	0.13161	12(a)
56 Fluoranthene	202	9.431	9.442	(1.143)	3059	0.10459	10(a)
$ 78 Terphenyl-d14	244	9.825	9.830	(0.902)	898593	42.1877	4000
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	681834	40.0000	

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28890.d
Report Date: 07-Aug-2012 13:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.648	12.660	(1.000)	520114	40.0000	

QC Flag Legend

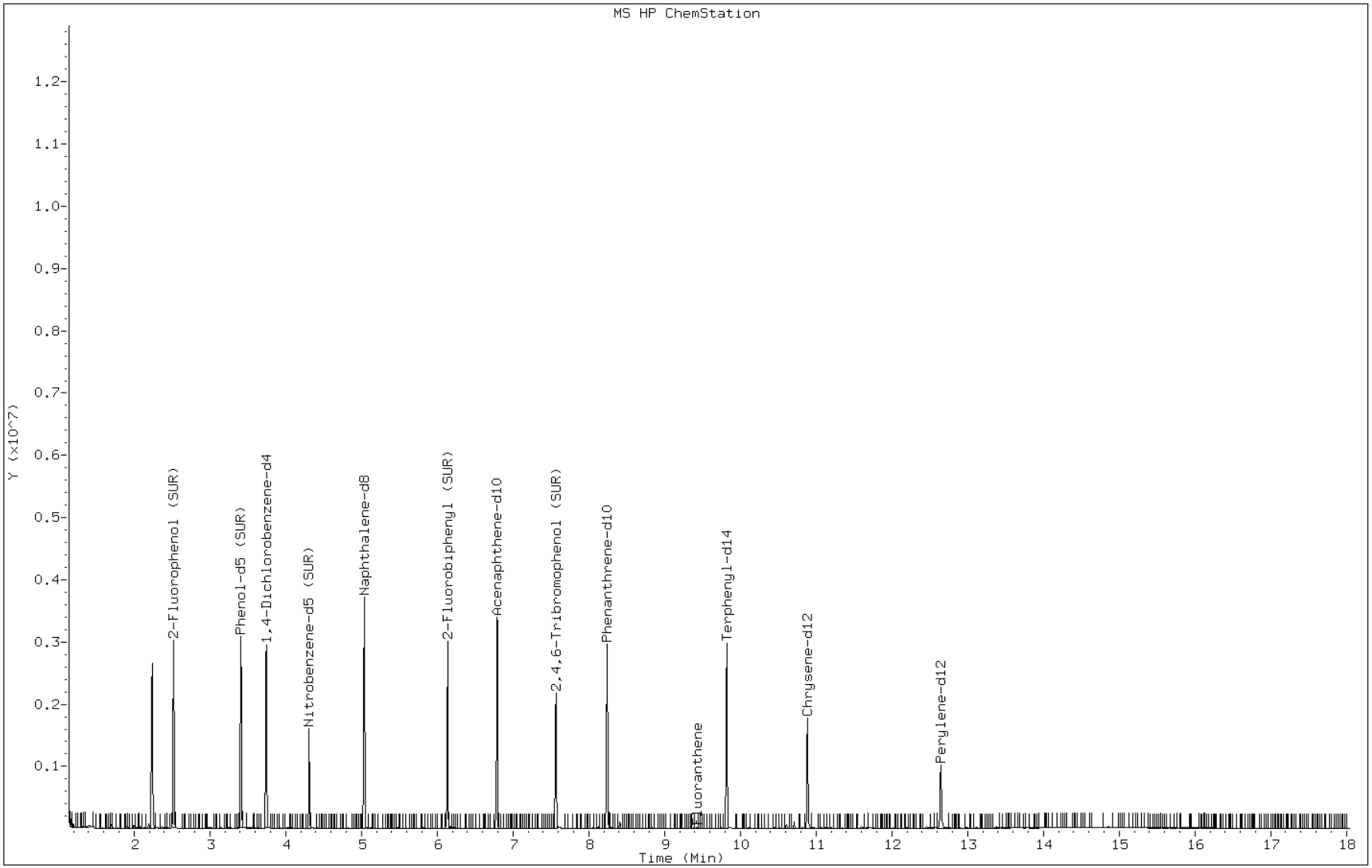
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x28890.d

Date: 03-AUG-2012 05:11

Client ID: 20120731SB-392V7-8N Instrument: BNAMS5.i

Sample Info: 460-42971-E-12-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V0-2N | Lab Sample ID: 460-42971-13

Matrix: Solid | Lab File ID: x28894.d

Analysis Method: 8270C | Date Collected: 07/31/2012 12:30

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 06:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	74	U	370	74
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	58	U	370	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	370	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	37	6.3
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	46	U	370	46
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	93	U	370	93
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	370	49
91-20-3	Naphthalene	330	J	370	44
106-47-8	4-Chloroaniline	100	U	370	100
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	87	U	370	87
59-50-7	4-Chloro-3-methylphenol	57	U	370	57
91-57-6	2-Methylnaphthalene	380		370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	49	U	370	49
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	45	U	370	45
208-96-8	Acenaphthylene	82	J	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	100	J	370	55

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Matrix: Solid | Lab File ID: x28894.d

Analysis Method: 8270C | Date Collected: 07/31/2012 12:30

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 06:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	220	J	370	44
84-66-2	Diethyl phthalate	45	U	370	45
86-73-7	Fluorene	260	J	370	48
206-44-0	Fluoranthene	2300		370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	490		370	46
86-74-8	Carbazole	130	J	370	44
85-01-8	Phenanthrene	2000		370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	1900		370	31
218-01-9	Chrysene	1000		370	44
207-08-9	Benzo[k]fluoranthene	450		37	2.9
191-24-2	Benzo[g,h,i]perylene	580		370	28
205-99-2	Benzo[b]fluoranthene	1100		37	2.4
50-32-8	Benzo[a]pyrene	970		37	2.7
56-55-3	Benzo[a]anthracene	1000		37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	690		37	7.0
53-70-3	Dibenz(a,h)anthracene	110		37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U *	370	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V0-2N | Lab Sample ID: 460-42971-13

Matrix: Solid | Lab File ID: x28894.d

Analysis Method: 8270C | Date Collected: 07/31/2012 12:30

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 06:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	47		38-105
4165-62-2	Phenol-d5	64		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	58		10-120
367-12-4	2-Fluorophenol	45		37-125
321-60-8	2-Fluorobiphenyl	55		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28894.d
Report Date: 10-Aug-2012 01:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28894.d
Lab Smp Id: 460-42971-E-13-D Client Smp ID: 20120731SB-387V0-2N
Inj Date : 03-AUG-2012 06:50
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-13-D
Misc Info : 460-42971-E-13-D
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	11.97605	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.531	2.496	(0.675)	654933	44.8363	3400
$ 17 Phenol-d5 (SUR)	99	3.419	3.425	(0.912)	1033364	63.6152	4800
113 n-decane	43	3.601	3.607	(0.961)	7014	0.50740	38(a)
* 79 1,4-Dichlorobenzene-d4	152	3.748	3.754	(1.000)	425810	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.313	4.325	(0.856)	358913	23.4068	1800
* 80 Naphthalene-d8	136	5.037	5.048	(1.000)	1579237	40.0000	
31 Naphthalene	128	5.060	5.066	(1.005)	184280	4.41262	330(a)
34 2-Methylnaphthalene	142	5.760	5.766	(1.144)	129959	4.97415	380
120 1-Methylnaphthalene	142	5.854	5.866	(1.162)	108411	4.06503	310(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.148	(0.903)	763545	27.5814	2100
102 Diphenyl	154	6.231	6.242	(0.917)	16984	0.56839	43(a)
125 1,3-Dimethylnaphthalene	156	6.460	6.472	(0.951)	74192	3.77192	280(a)
39 Acenaphthylene	152	6.648	6.660	(0.978)	38576	1.08822	82(a)

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28894.d
Report Date: 10-Aug-2012 01:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	758880	40.0000	
42 Acenaphthene	154	6.825	6.831	(1.004)	28170	1.38100	100(a)
43 Dibenzofuran	168	6.995	7.001	(1.029)	85884	2.89120	220(a)
47 Fluorene	166	7.331	7.337	(1.079)	80454	3.39720	260(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	207711	57.5706	4400
115 n-Octadecane	57	8.183	8.195	(0.992)	12260	1.06925	81(a)
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	912572	40.0000	
52 Phenanthrene	178	8.272	8.278	(1.003)	709515	27.0098	2000
53 Anthracene	178	8.319	8.325	(1.009)	170799	6.40732	480
54 Carbazole	167	8.483	8.495	(1.029)	39827	1.77526	130(a)
56 Fluoranthene	202	9.430	9.442	(1.143)	726821	30.4663	2300
57 Pyrene	202	9.648	9.660	(0.886)	562146	24.9618	1900
$ 78 Terphenyl-d14	244	9.824	9.830	(0.902)	715321	43.6209	3300
61 Benzo(a)anthracene	228	10.877	10.889	(0.999)	214270	13.2213	1000
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	524939	40.0000	
62 Chrysene	228	10.919	10.930	(1.003)	199627	13.2292	1000
65 Benzo(b)fluoranthene	252	12.165	12.177	(0.961)	200301	15.1407	1100
66 Benzo(k)fluoranthene	252	12.195	12.213	(0.947)	83400	5.93598	450(MH)
67 Benzo(a)pyrene	252	12.571	12.583	(0.993)	131991	12.8490	970
* 84 Perylene-d12	264	12.654	12.660	(1.000)	429796	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.018	14.030	(1.108)	70273	9.10790	690
69 Dibenz(a,h)anthracene	278	14.048	14.066	(1.110)	11172	1.41425	110
70 Benzo(g,h,i)perylene	276	14.354	14.371	(1.134)	62889	7.62408	580

QC Flag Legend

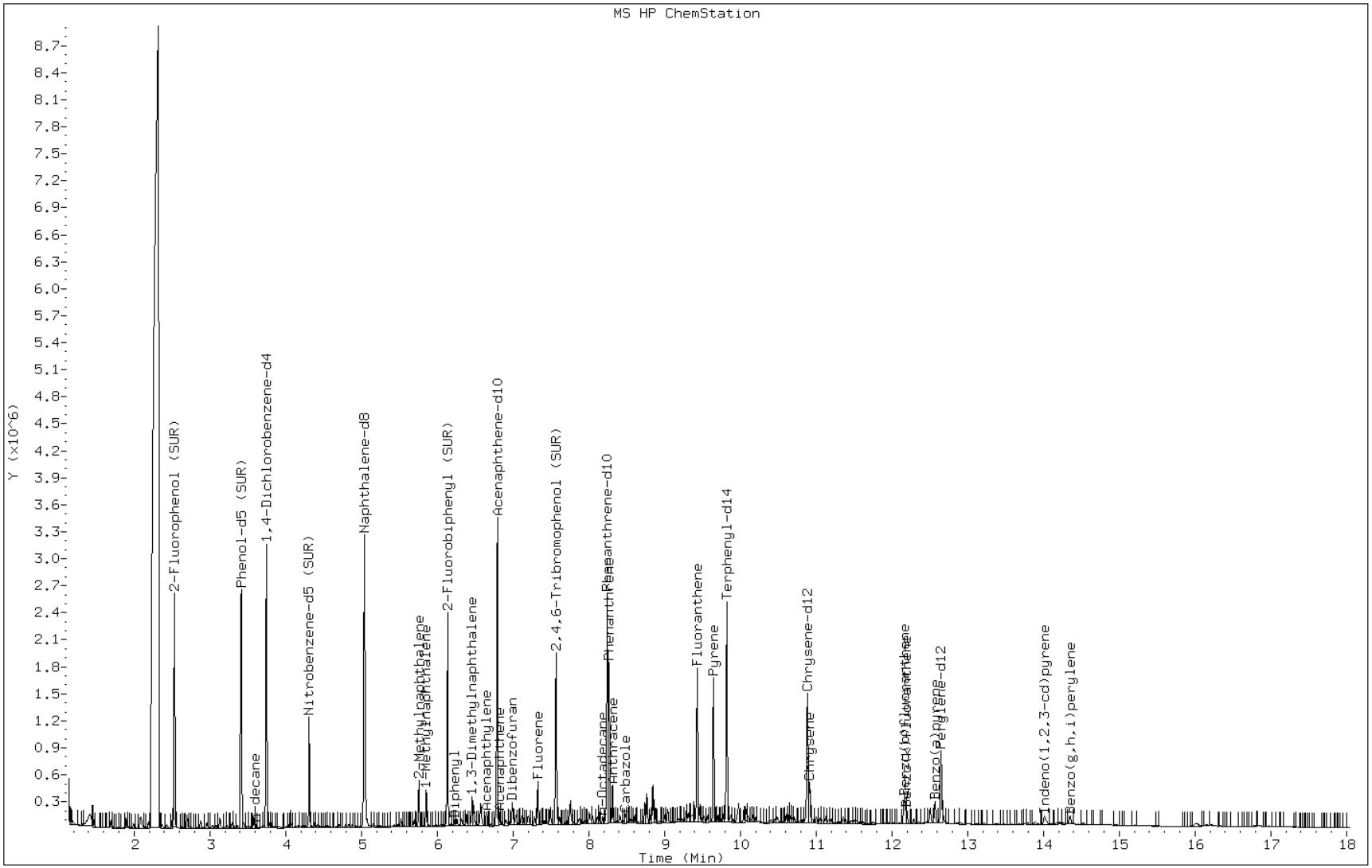
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x28894.d

Date: 03-AUG-2012 06:50

Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4



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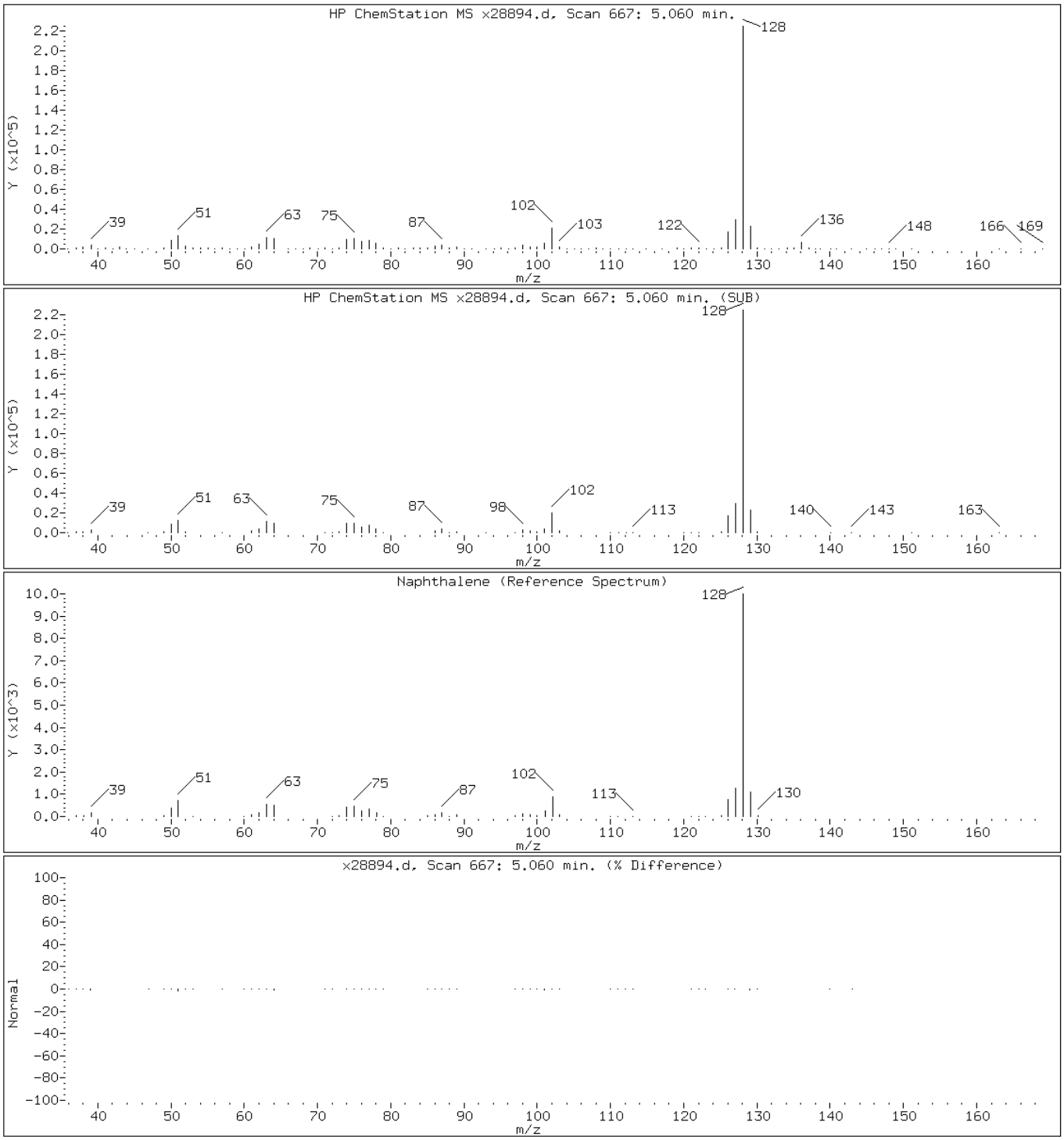
Sample Info: 460-42971-E-13-D Operator: BNAMS 4

31 Naphthalene



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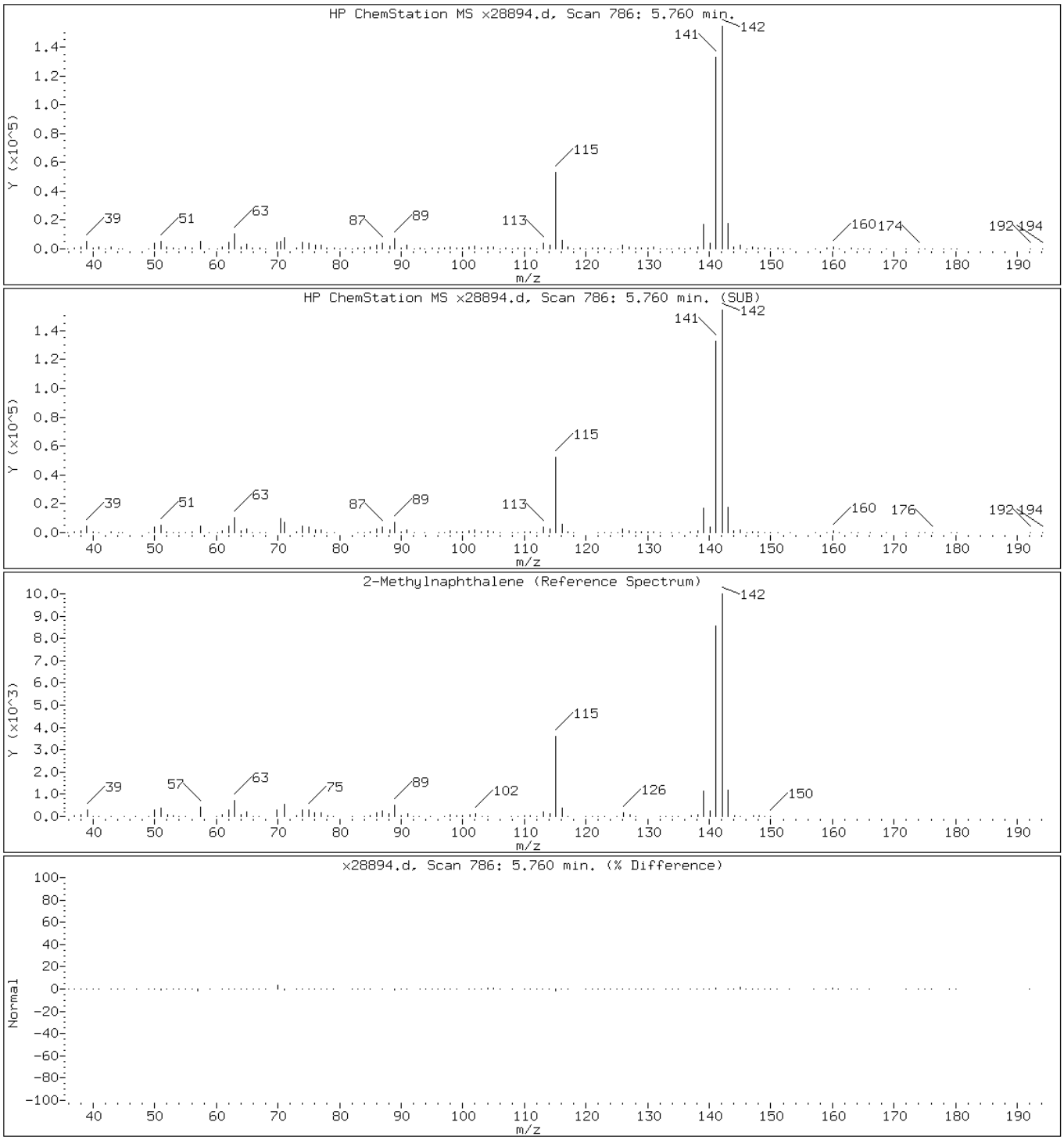
Date: 03-AUG-2012 06:50

Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

34 2-Methylnaphthalene



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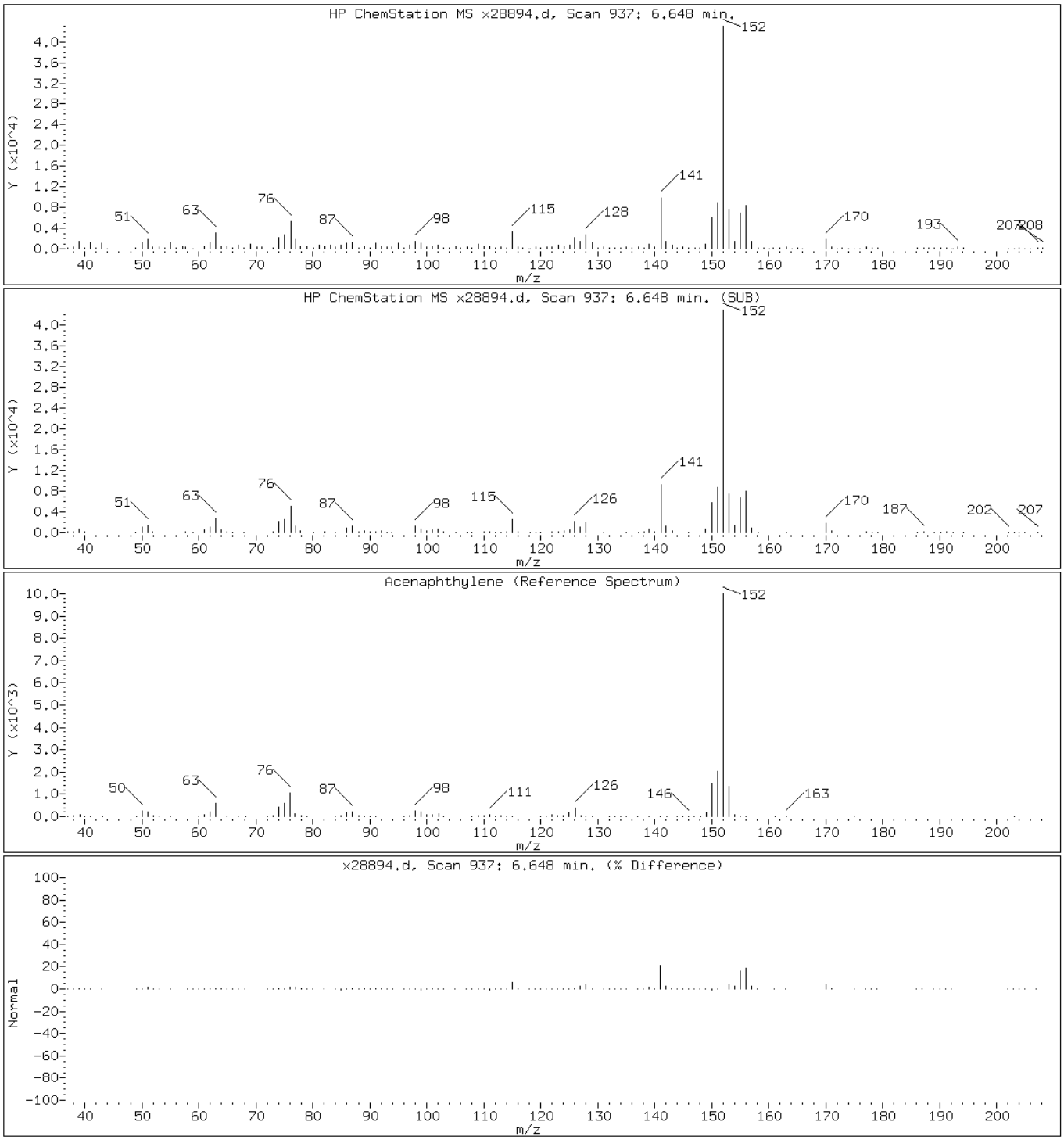
Date: 03-AUG-2012 06:50

Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

39 Acenaphthylene



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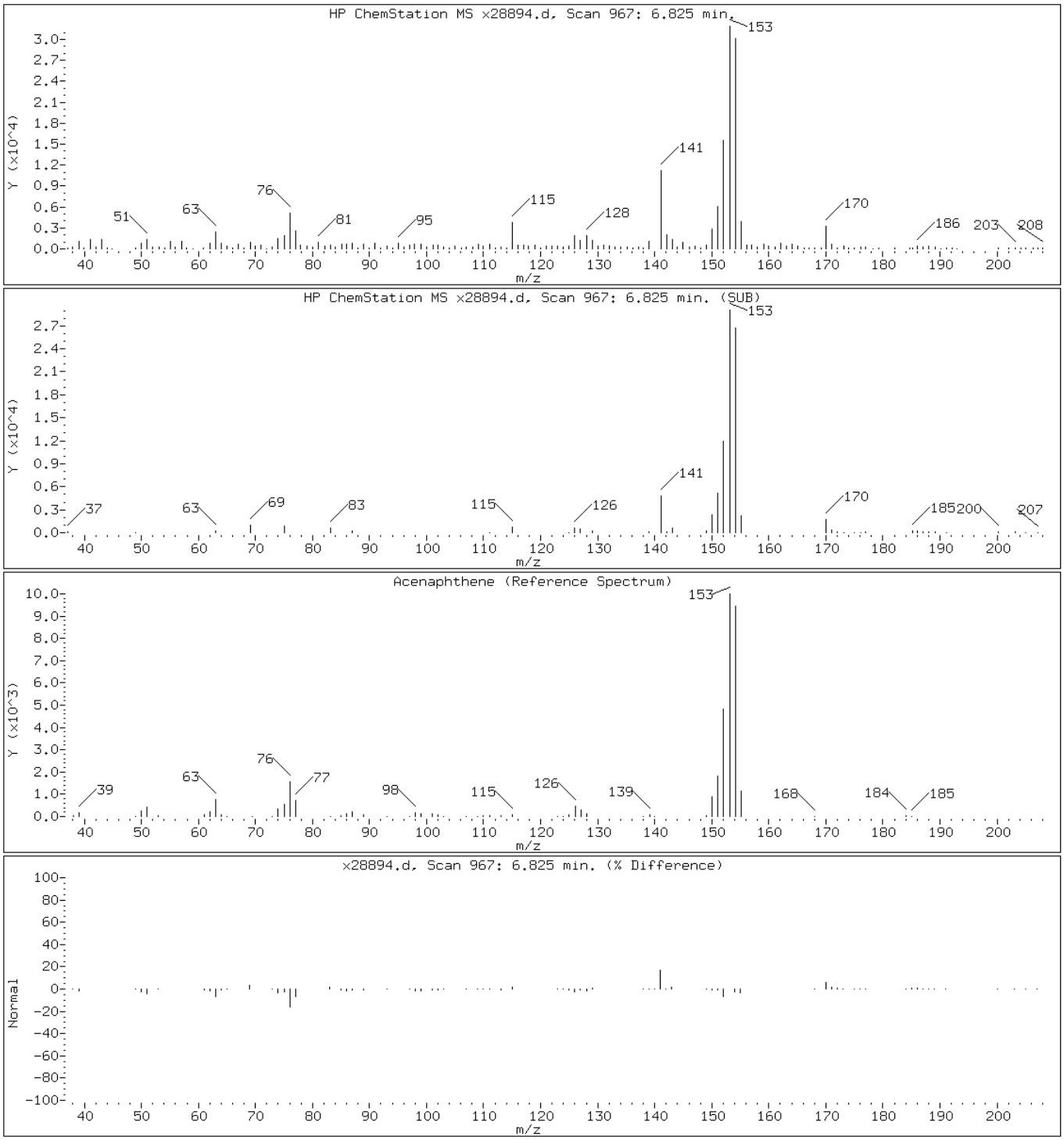
42 Acenaphthene



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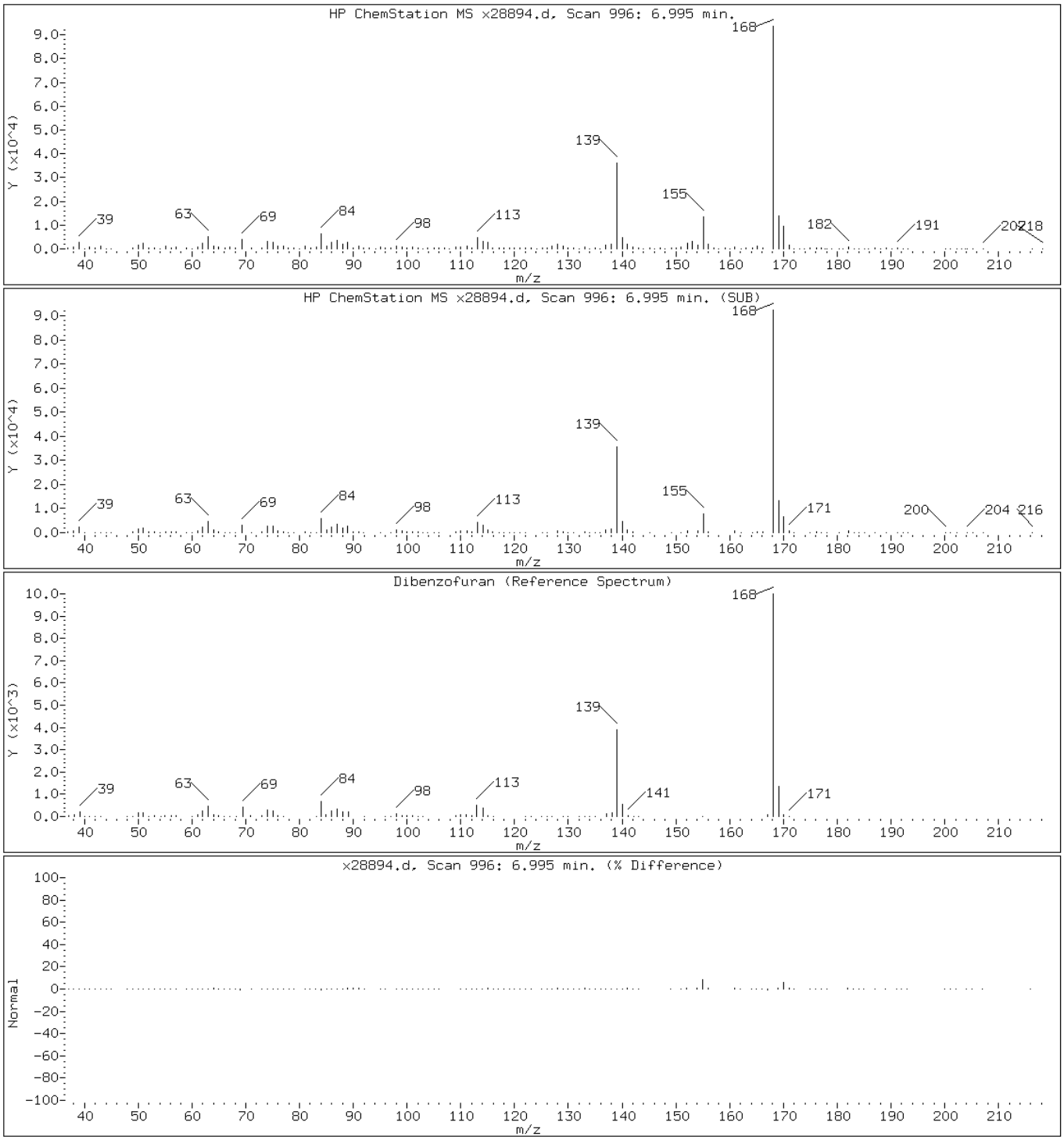
Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

43 Dibenzofuran



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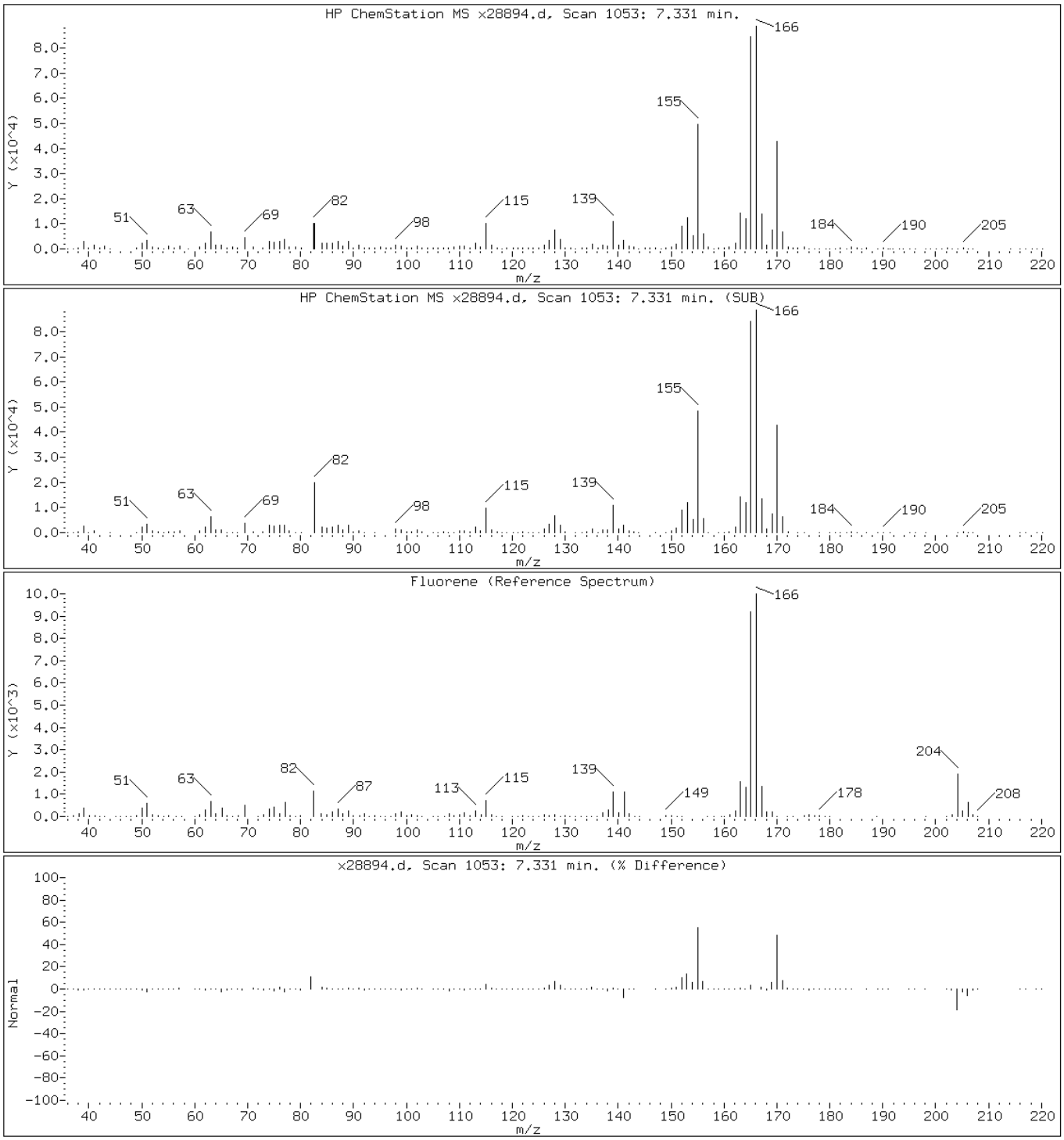
Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

47 Fluorene



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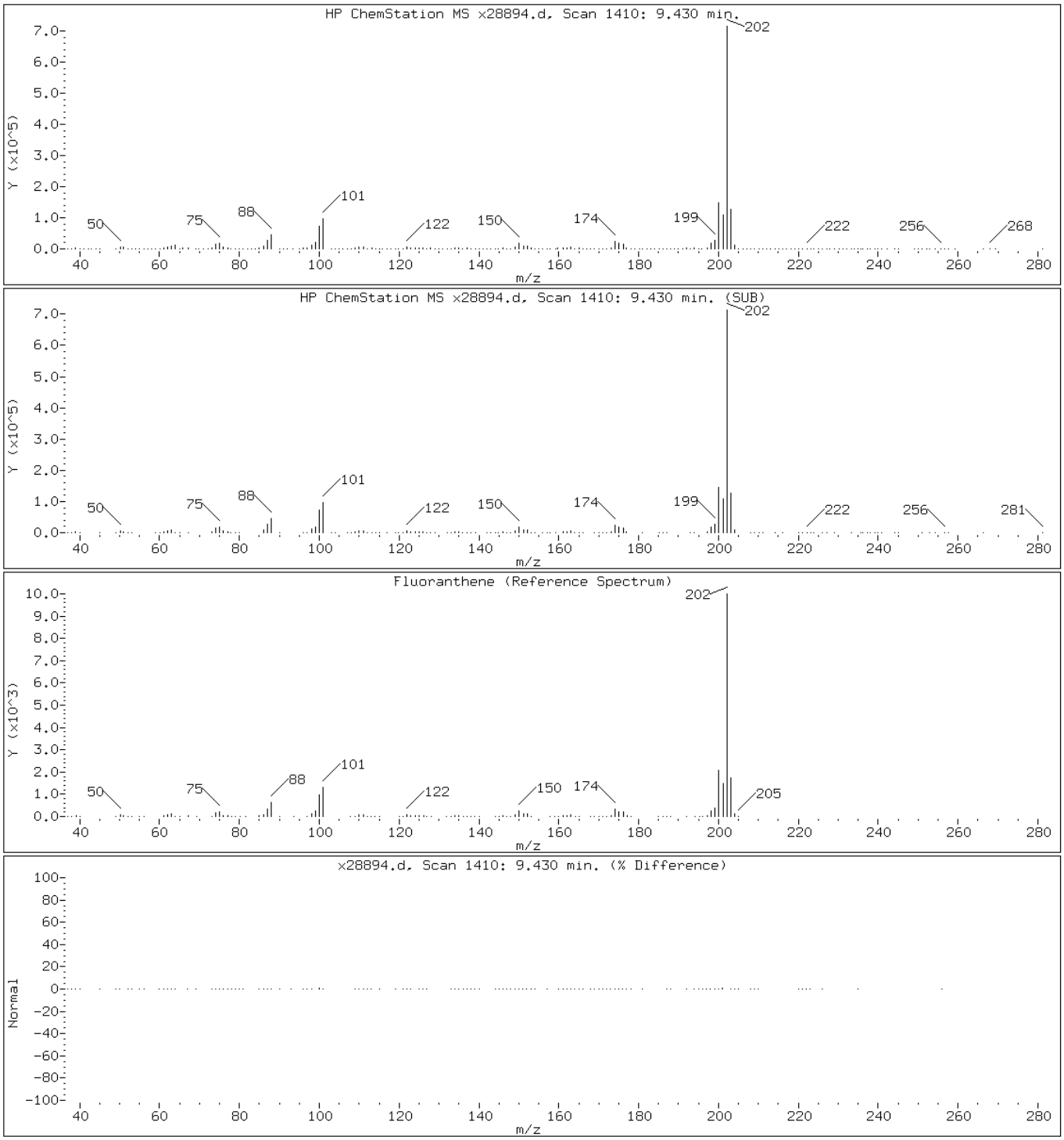
Date: 03-AUG-2012 06:50

Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

56 Fluoranthene



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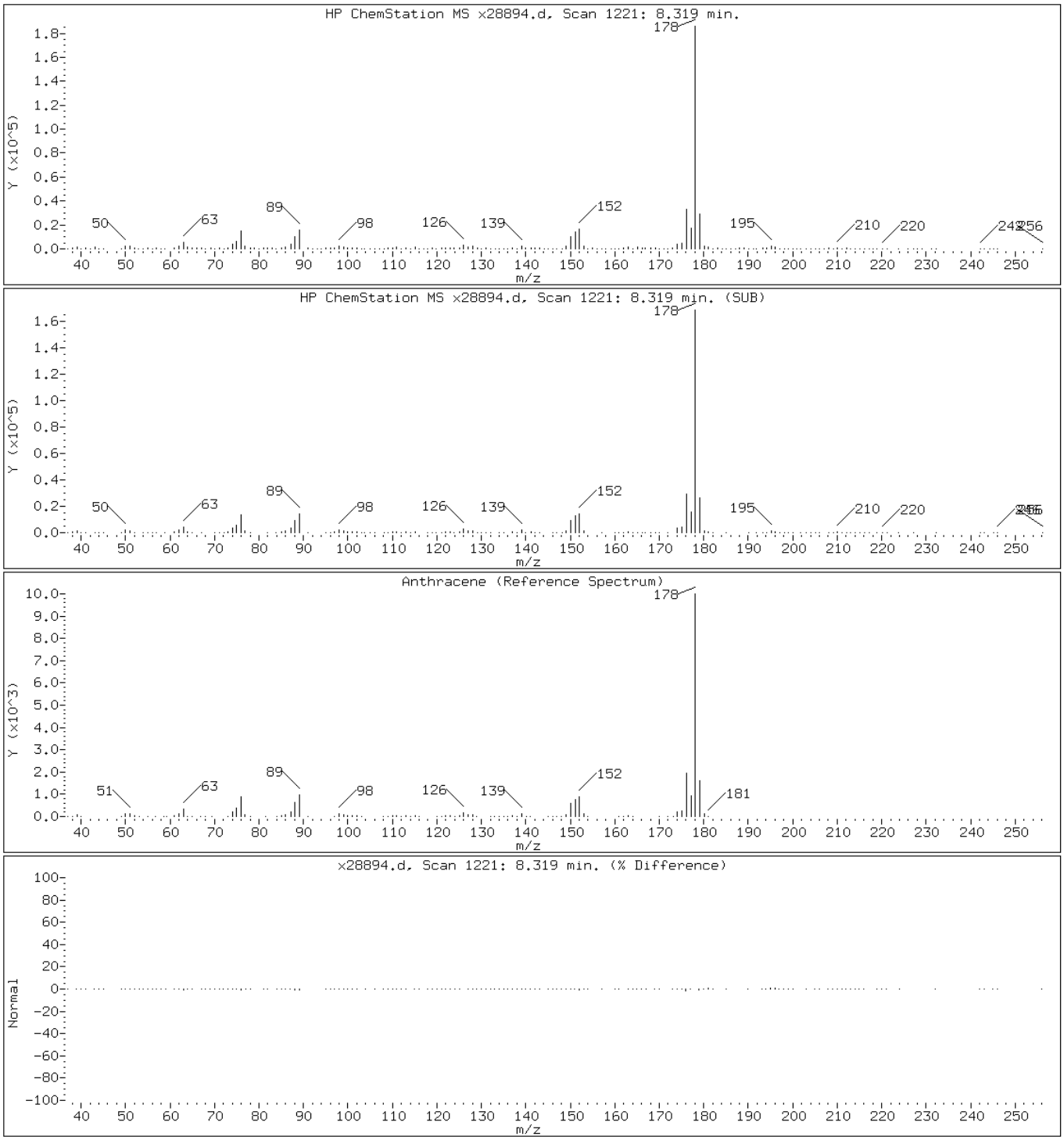
53 Anthracene



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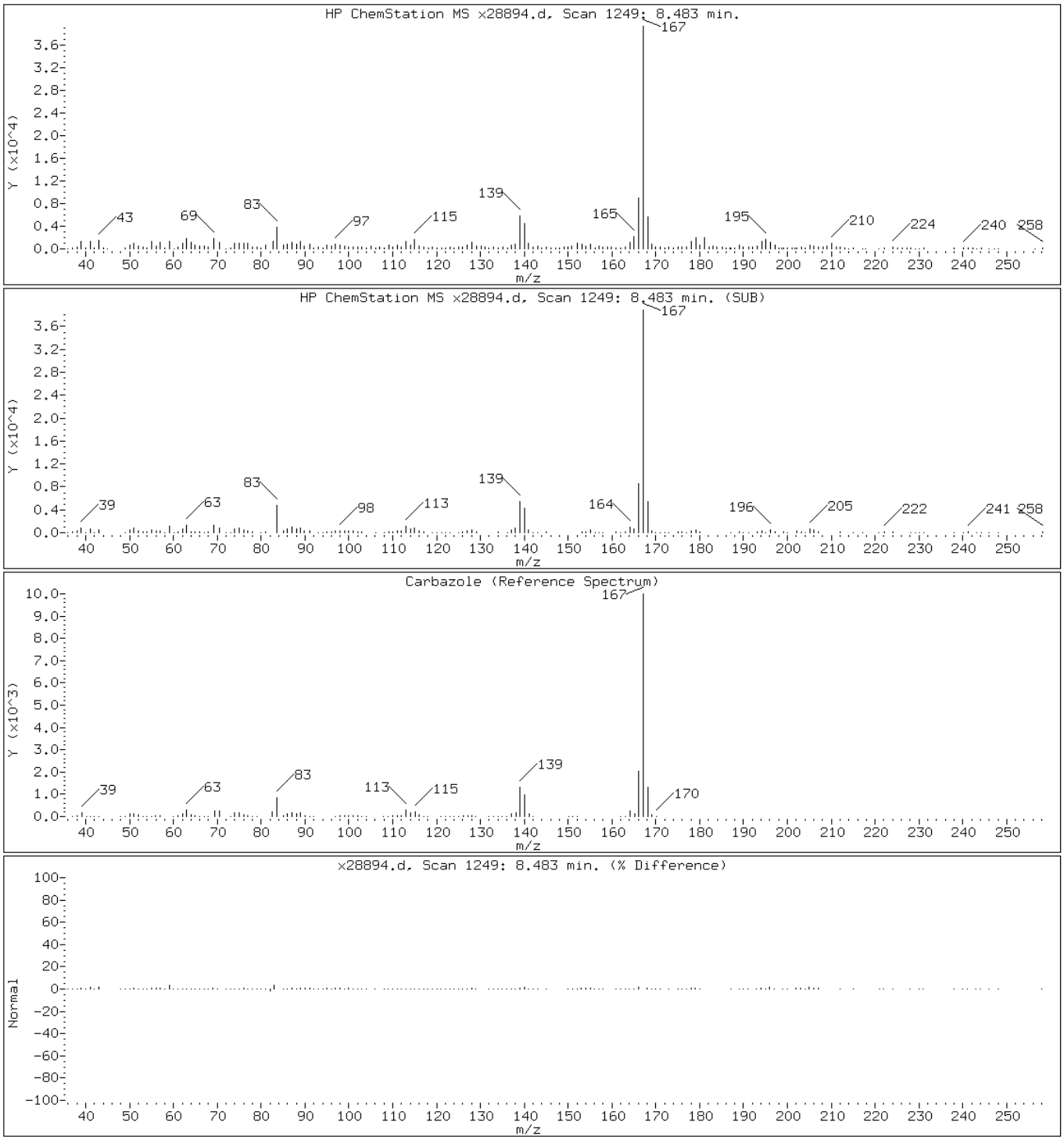
Sample Info: 460-42971-E-13-D Operator: BNAMS 4

54 Carbazole



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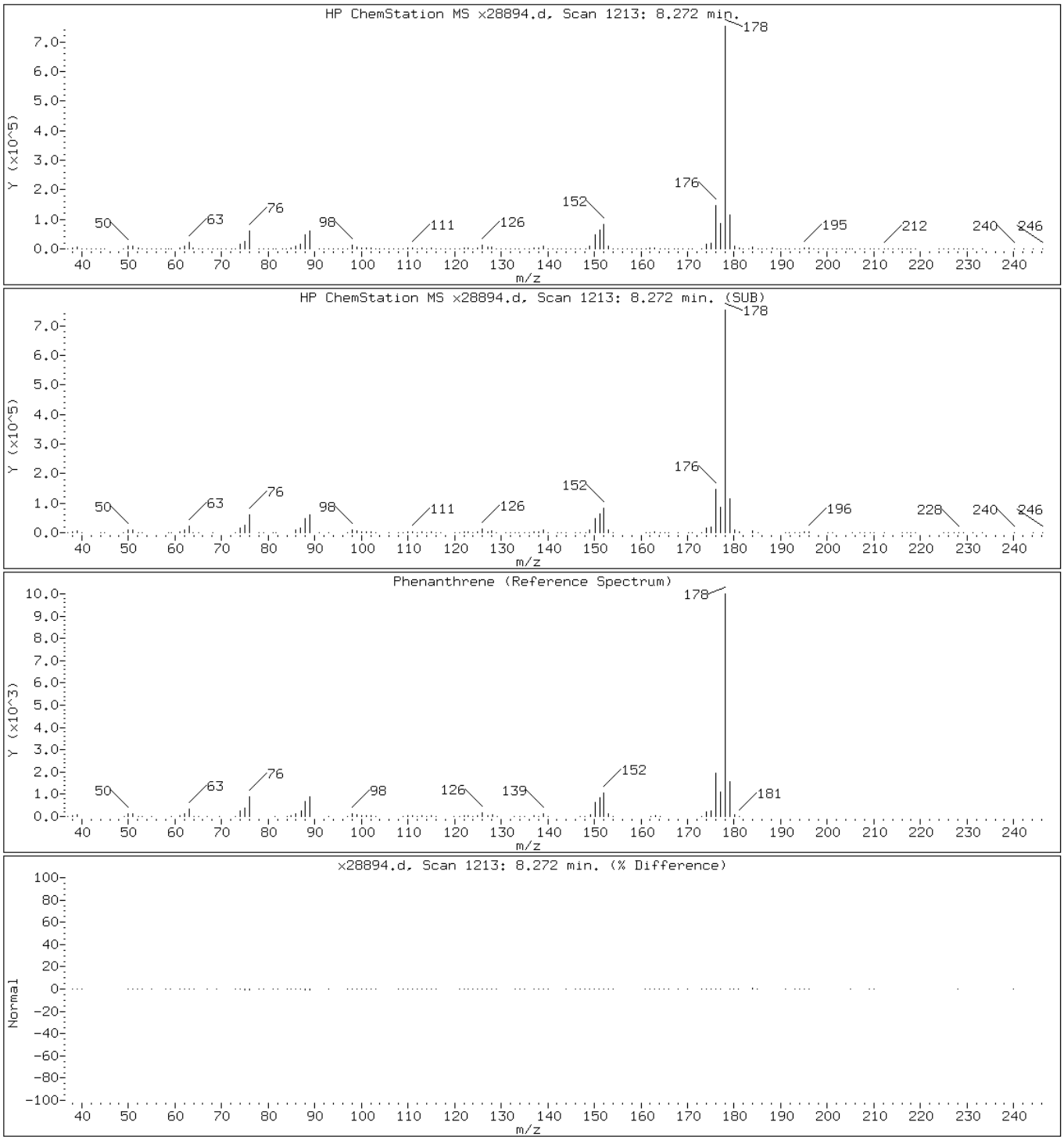
Sample Info: 460-42971-E-13-D Operator: BNAMS 4

52 Phenanthrene



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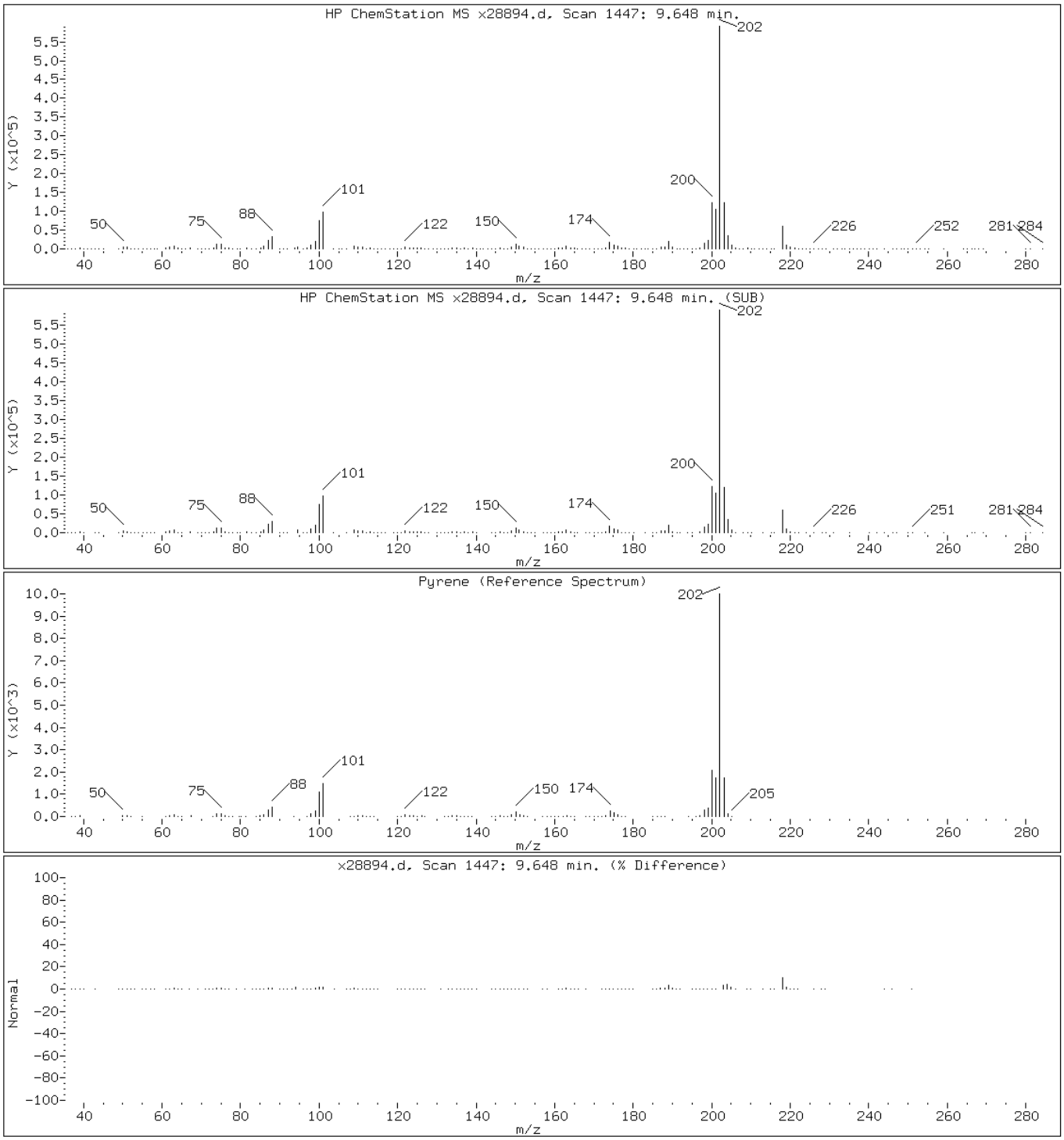
Sample Info: 460-42971-E-13-D Operator: BNAMS 4

57 Pyrene



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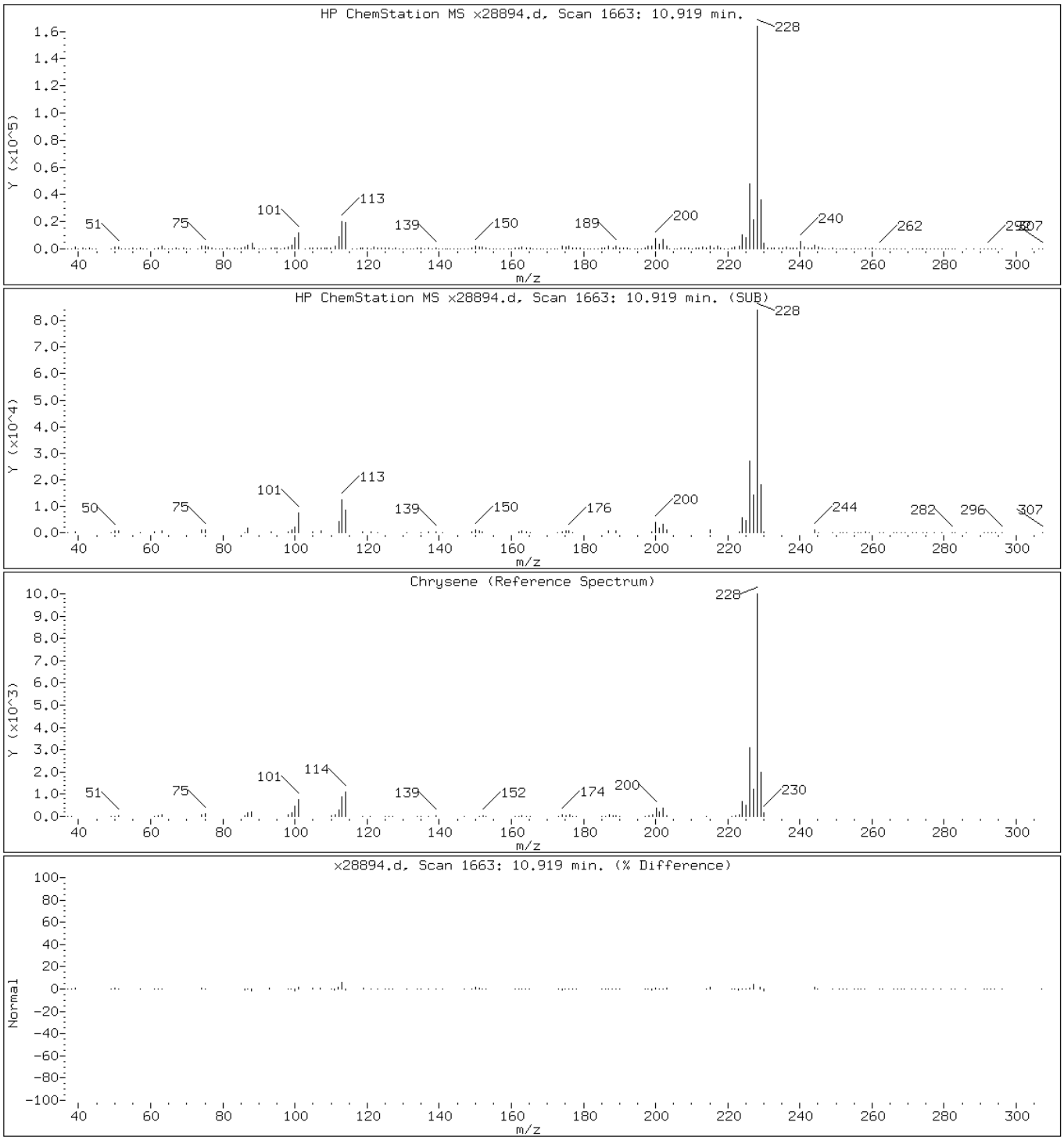
Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

62 Chrysene



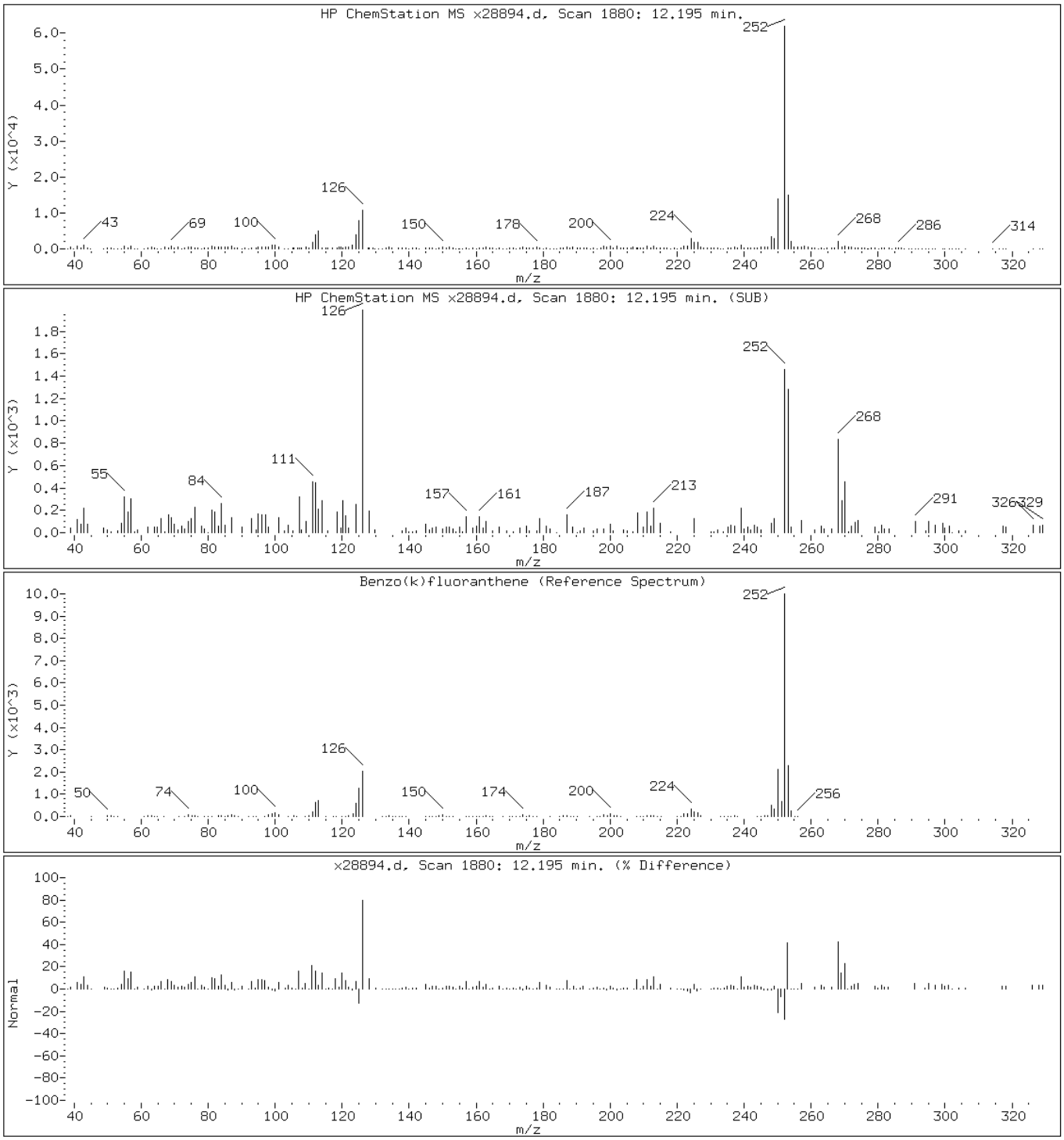
Data File: x28894.d

Date: 03-AUG-2012 06:50

Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

66 Benzo(k)fluoranthene



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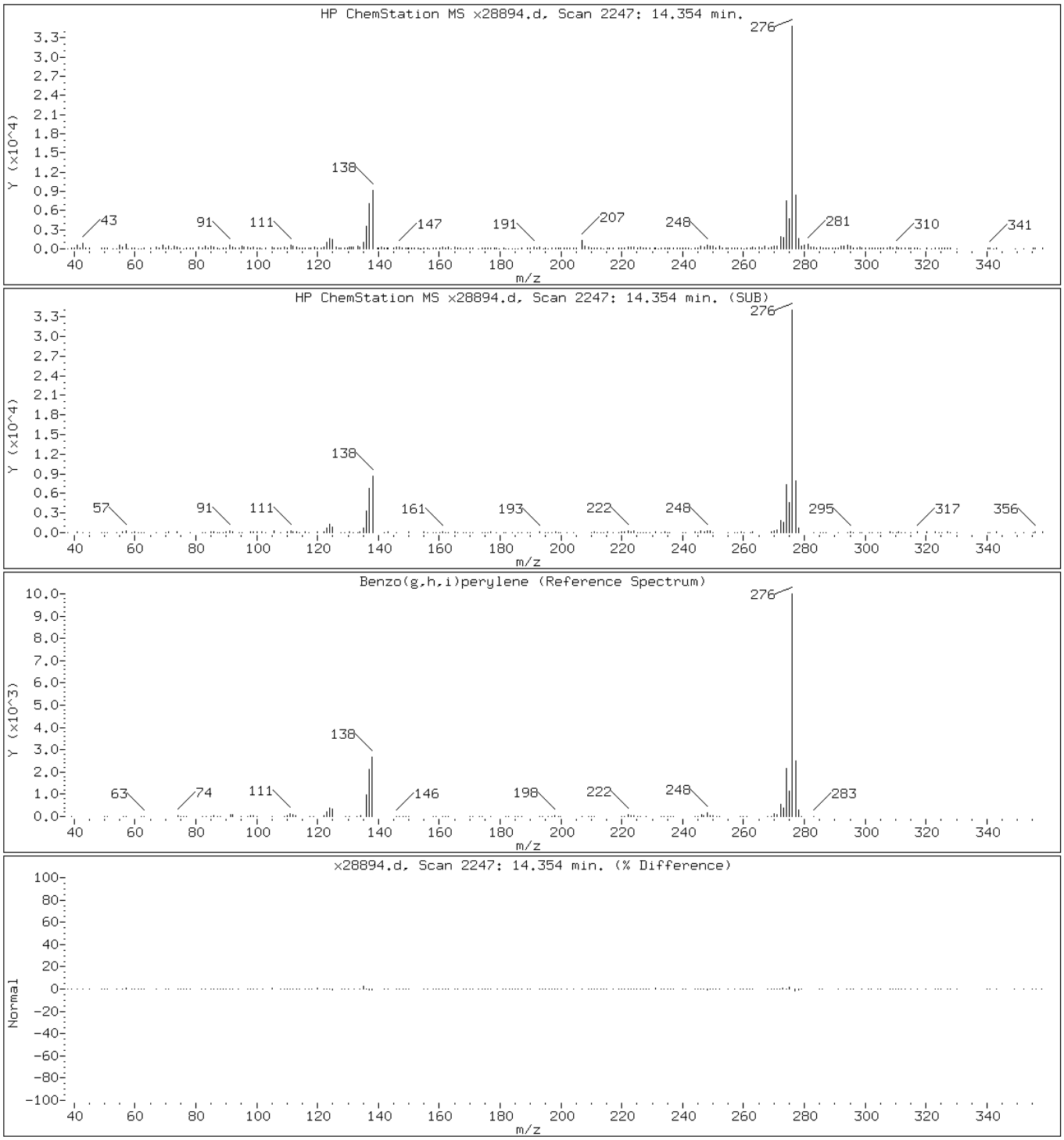
Date: 03-AUG-2012 06:50

Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

70 Benzo(g,h,i)perylene



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Date: 03-AUG-2012 06:50

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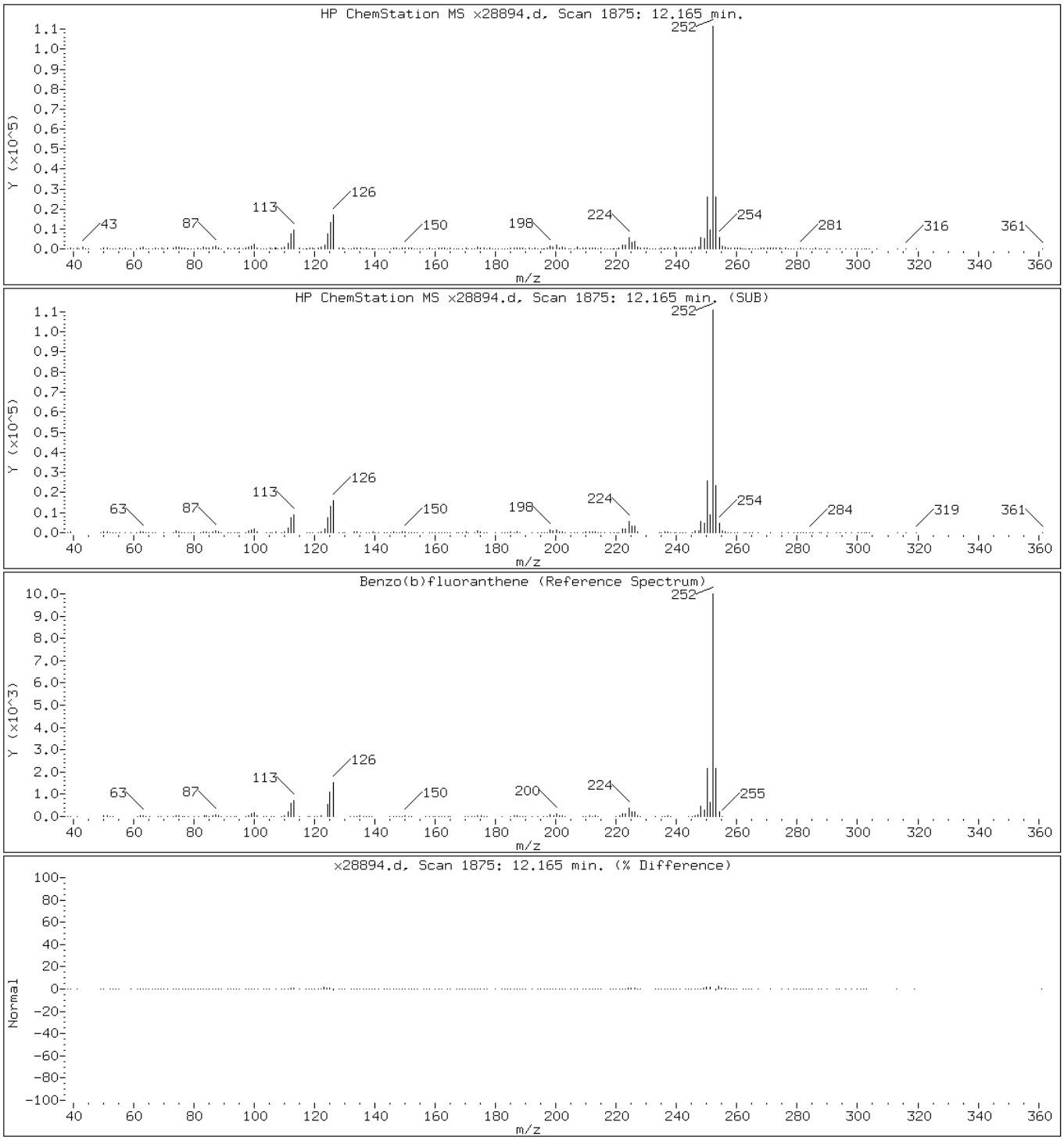
Sample Info: 460-42971-E-13-D Operator: BNAMS 4

65 Benzo(b)fluoranthene



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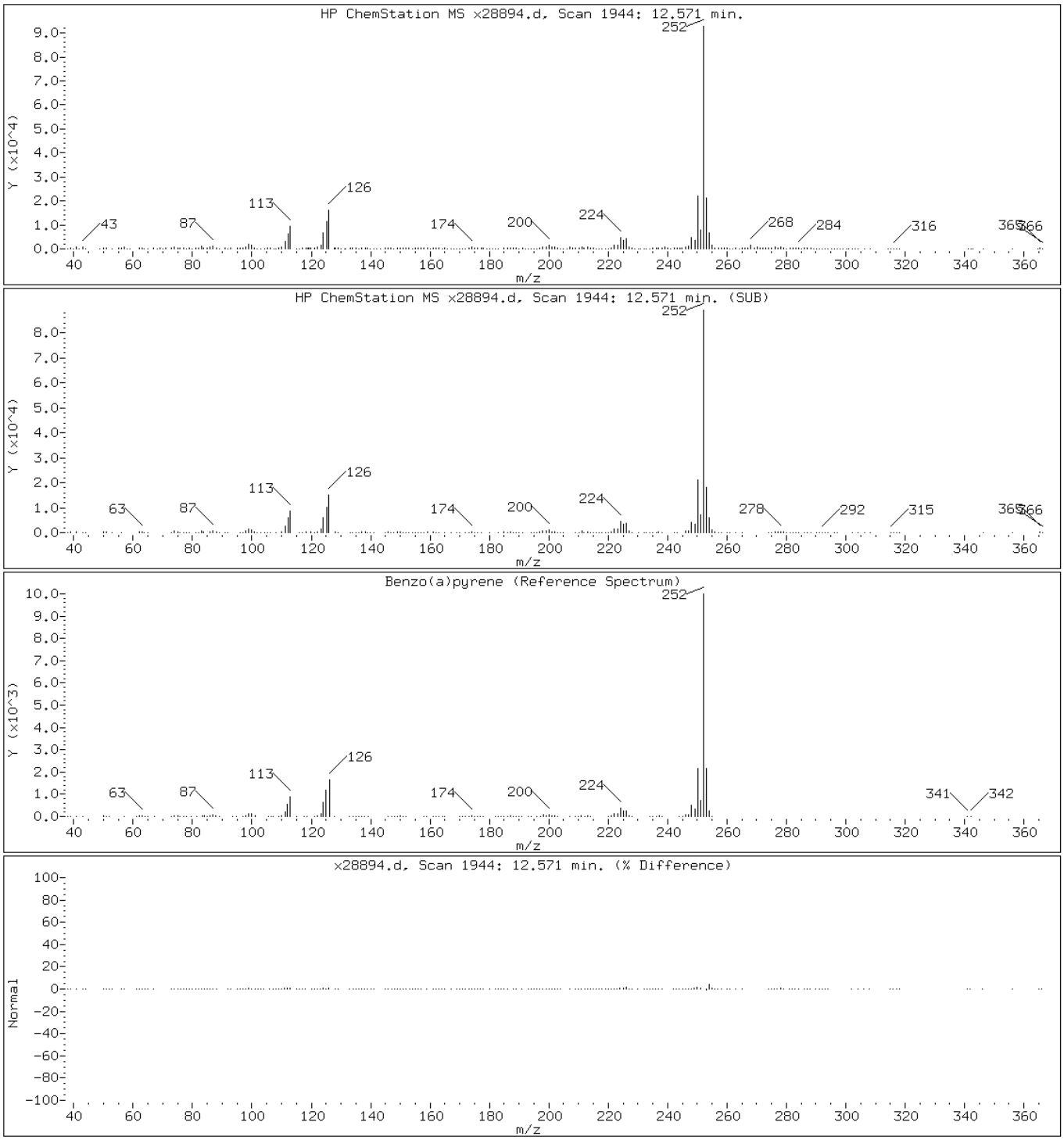
Sample Info: 460-42971-E-13-D Operator: BNAMS 4

67 Benzo(a)pyrene



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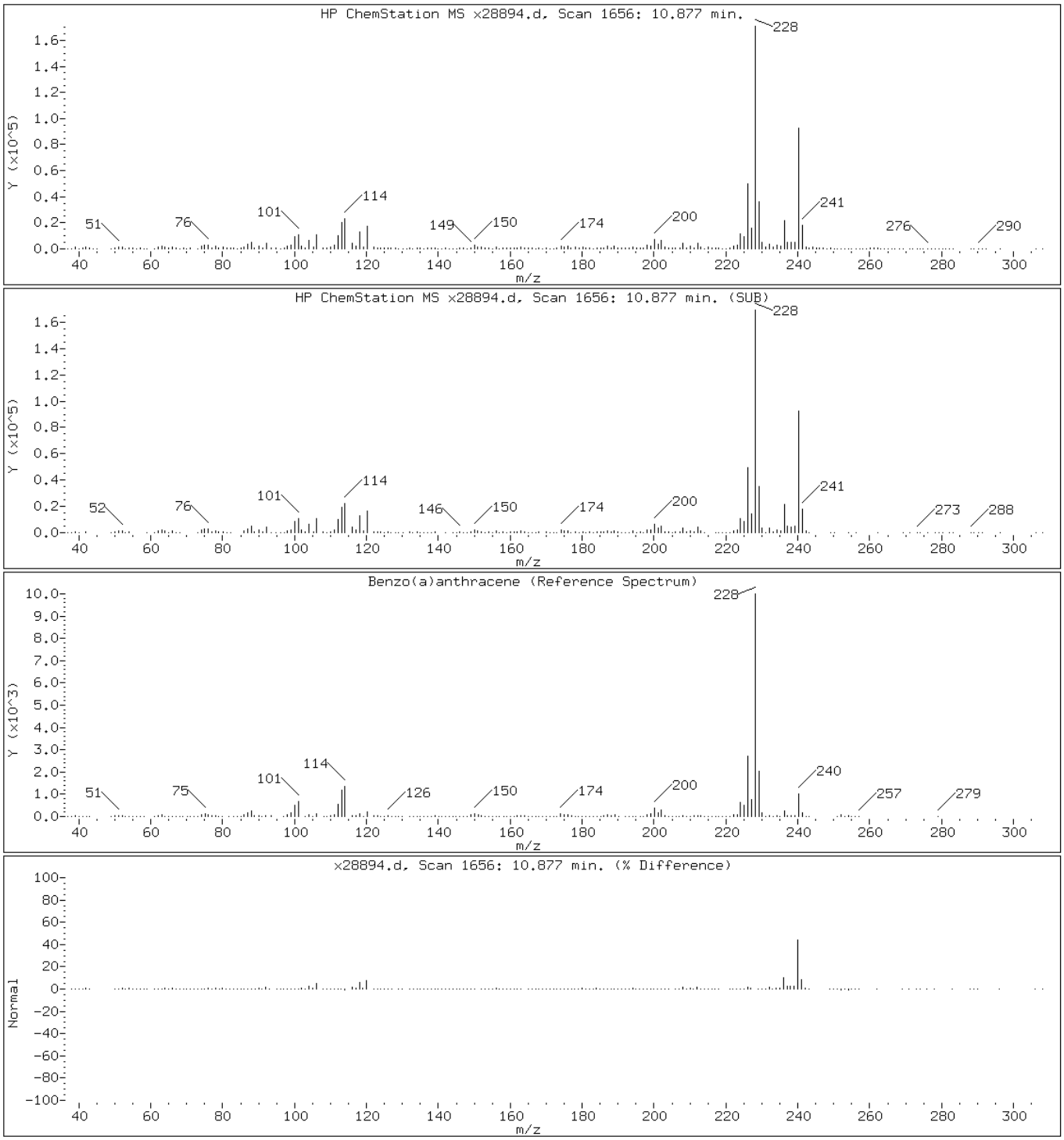
Sample Info: 460-42971-E-13-D Operator: BNAMS 4

61 Benzo(a)anthracene



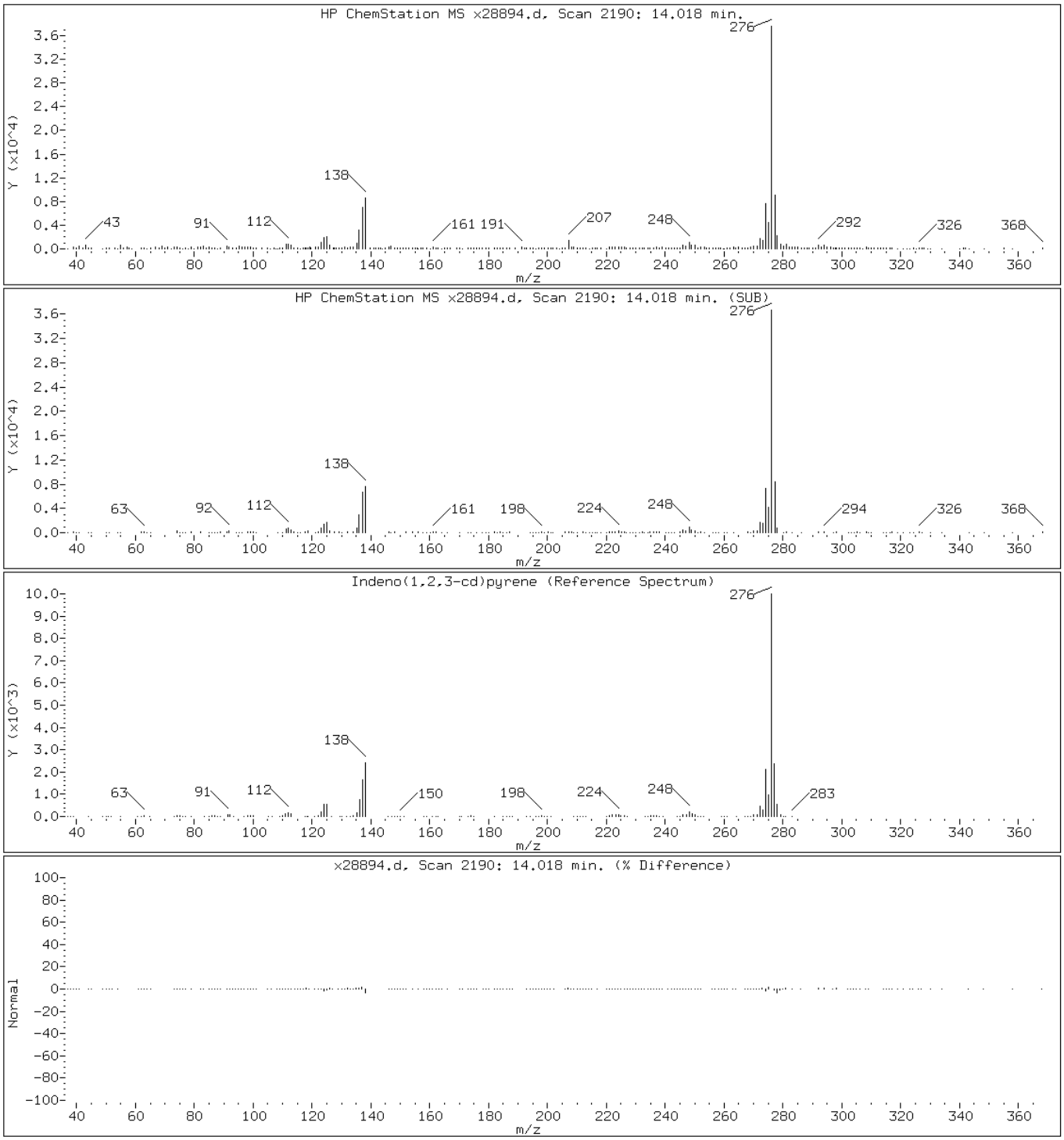
Data File: x28894.d

Date: 03-AUG-2012 06:50

Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



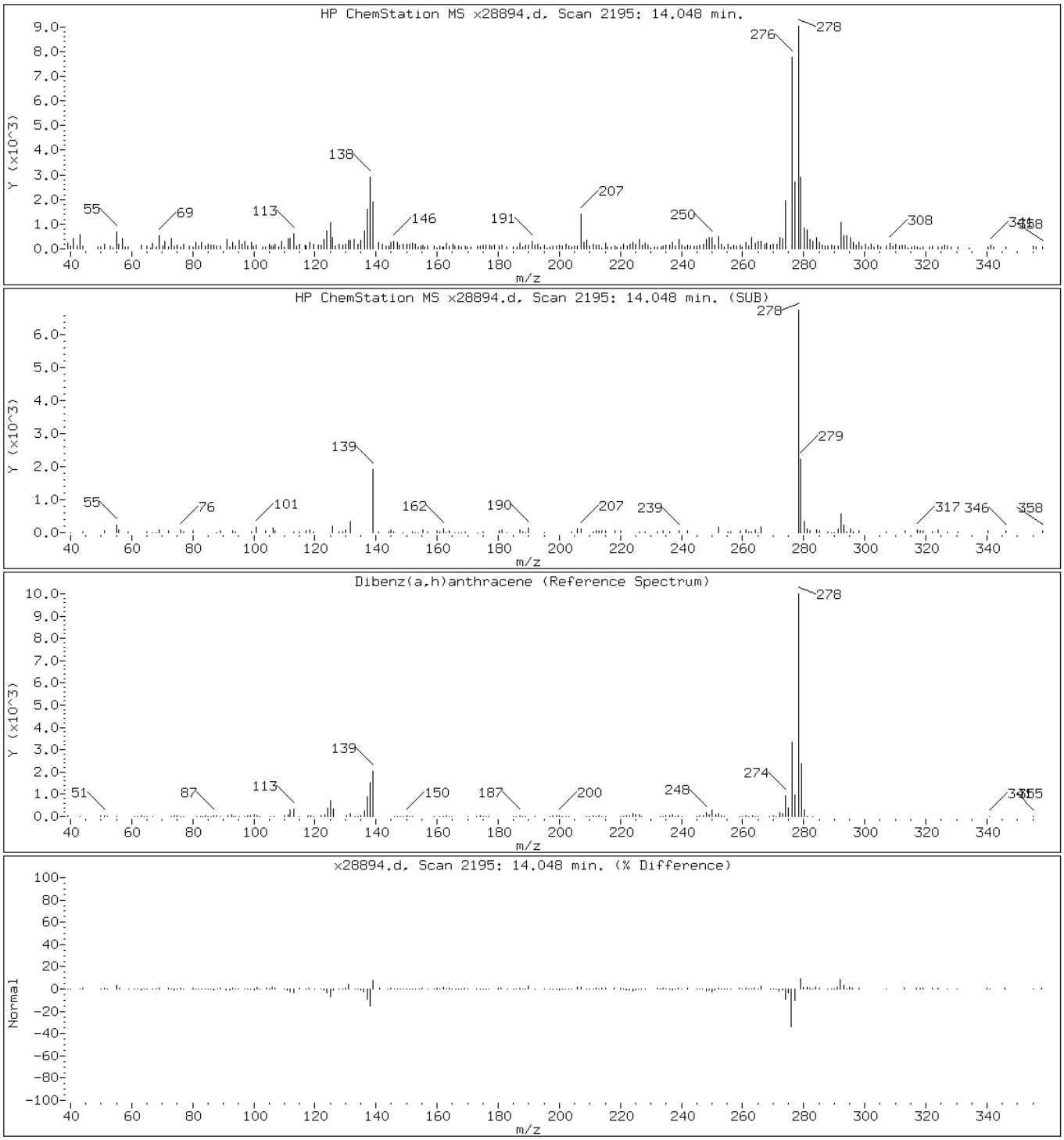
Data File: x28894.d

Date: 03-AUG-2012 06:50

Client ID: 20120731SB-387V0-2N Instrument: BNAMS5.i

Sample Info: 460-42971-E-13-D Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Manual Integration Report

Data File: x28894.d
Inj. Date and Time: 03-AUG-2012 06:50
Instrument ID: BNAMS5.i
Client ID: 20120731SB-387V0-2N
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 08/10/2012

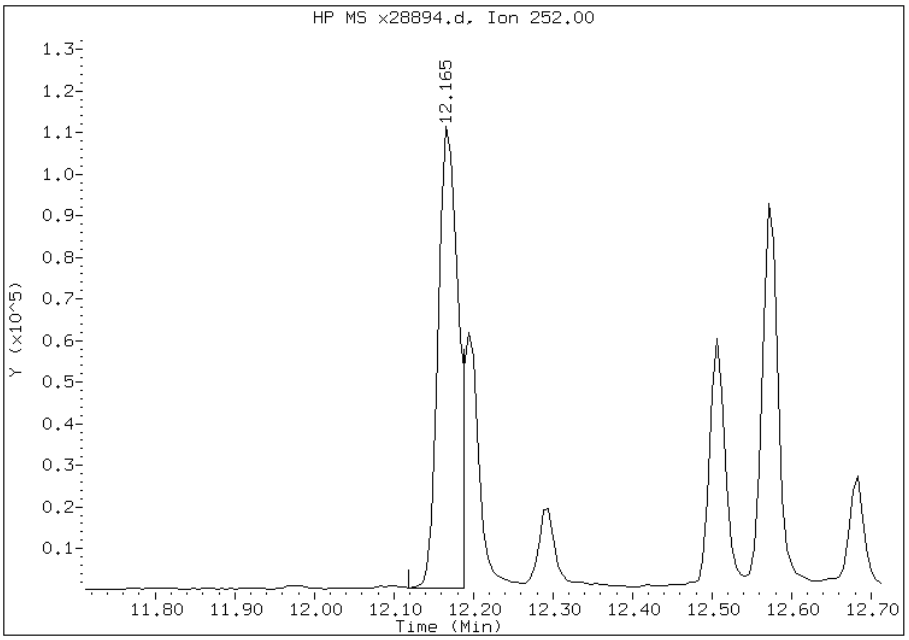
Processing Integration Results

RT: 12.17

Response: 200301

Amount: 14

Conc: 1080



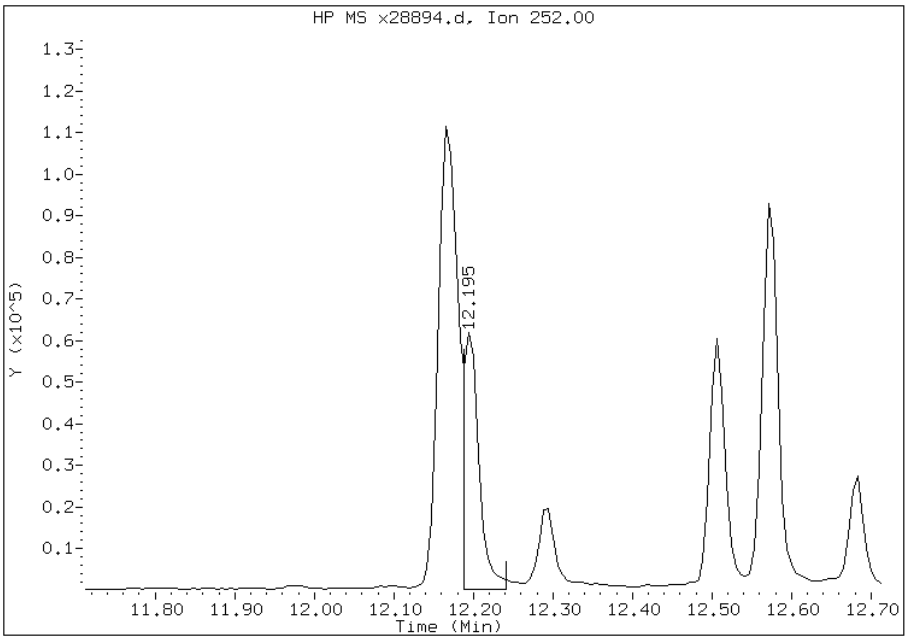
Manual Integration Results

RT: 12.19

Response: 83400

Amount: 6

Conc: 450



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V3-4N | Lab Sample ID: 460-42971-14

Matrix: Solid | Lab File ID: x28889.d

Analysis Method: 8270C | Date Collected: 07/31/2012 12:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 04:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	45	U	390	45
98-86-2	Acetophenone	59	U	390	59
111-44-4	Bis(2-chloroethyl)ether	270		39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	39	6.4
98-95-3	Nitrobenzene	5.5	U	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	95	U	390	95
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	200	J	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	58	U	390	58
91-57-6	2-Methylnaphthalene	92	J	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	45	U	390	45
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V3-4N | Lab Sample ID: 460-42971-14

Matrix: Solid | Lab File ID: x28889.d

Analysis Method: 8270C | Date Collected: 07/31/2012 12:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 04:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	49	U	390	49
206-44-0	Fluoranthene	51	U	390	51
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	35	U	390	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	J	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V3-4N | Lab Sample ID: 460-42971-14

Matrix: Solid | Lab File ID: x28889.d

Analysis Method: 8270C | Date Collected: 07/31/2012 12:35

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 04:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	43		38-105
4165-62-2	Phenol-d5	62		41-118
1718-51-0	Terphenyl-d14	70		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	40		37-125
321-60-8	2-Fluorobiphenyl	60		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28889.d
Report Date: 10-Aug-2012 01:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28889.d
Lab Smp Id: 460-42971-E-14-D Client Smp ID: 20120731SB-387V3-4N
Inj Date : 03-AUG-2012 04:47
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-14-D
Misc Info : 460-42971-E-14-D
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	14.47368	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.519	2.496	(0.672)	621212	39.9393	3100
$ 17 Phenol-d5 (SUR)	99	3.413	3.425	(0.911)	1068209	61.7577	4800
20 bis(2-Chloroethyl)ether	93	3.490	3.501	(0.931)	42971	3.52587	270
* 79 1,4-Dichlorobenzene-d4	152	3.748	3.754	(1.000)	453407	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.313	4.325	(0.856)	358818	21.4993	1700
* 80 Naphthalene-d8	136	5.036	5.048	(1.000)	1718902	40.0000	
31 Naphthalene	128	5.060	5.066	(1.005)	118696	2.61127	200(a)
34 2-Methylnaphthalene	142	5.760	5.766	(1.144)	33556	1.17999	92(a)
120 1-Methylnaphthalene	142	5.854	5.866	(1.162)	26798	0.92319	72(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.148	(0.903)	944878	29.8965	2300
125 1,3-Dimethylnaphthalene	156	6.460	6.472	(0.951)	13272	0.59102	46(a)
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	866384	40.0000	
43 Dibenzofuran	168	6.995	7.001	(1.029)	7502	0.22121	17(a)

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28889.d
Report Date: 10-Aug-2012 01:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	292705	71.0615	5500
115 n-Octadecane	57	8.183	8.195	(0.992)	3866	0.27412	21(a)
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	1122469	40.0000	
52 Phenanthrene	178	8.266	8.278	(1.002)	15541	0.48099	37(a)
$ 78 Terphenyl-d14	244	9.824	9.830	(0.902)	713982	34.9294	2700
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	654333	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.954	10.972	(1.006)	26714	1.73202	130(a)
* 84 Perylene-d12	264	12.654	12.660	(1.000)	521442	40.0000	

QC Flag Legend

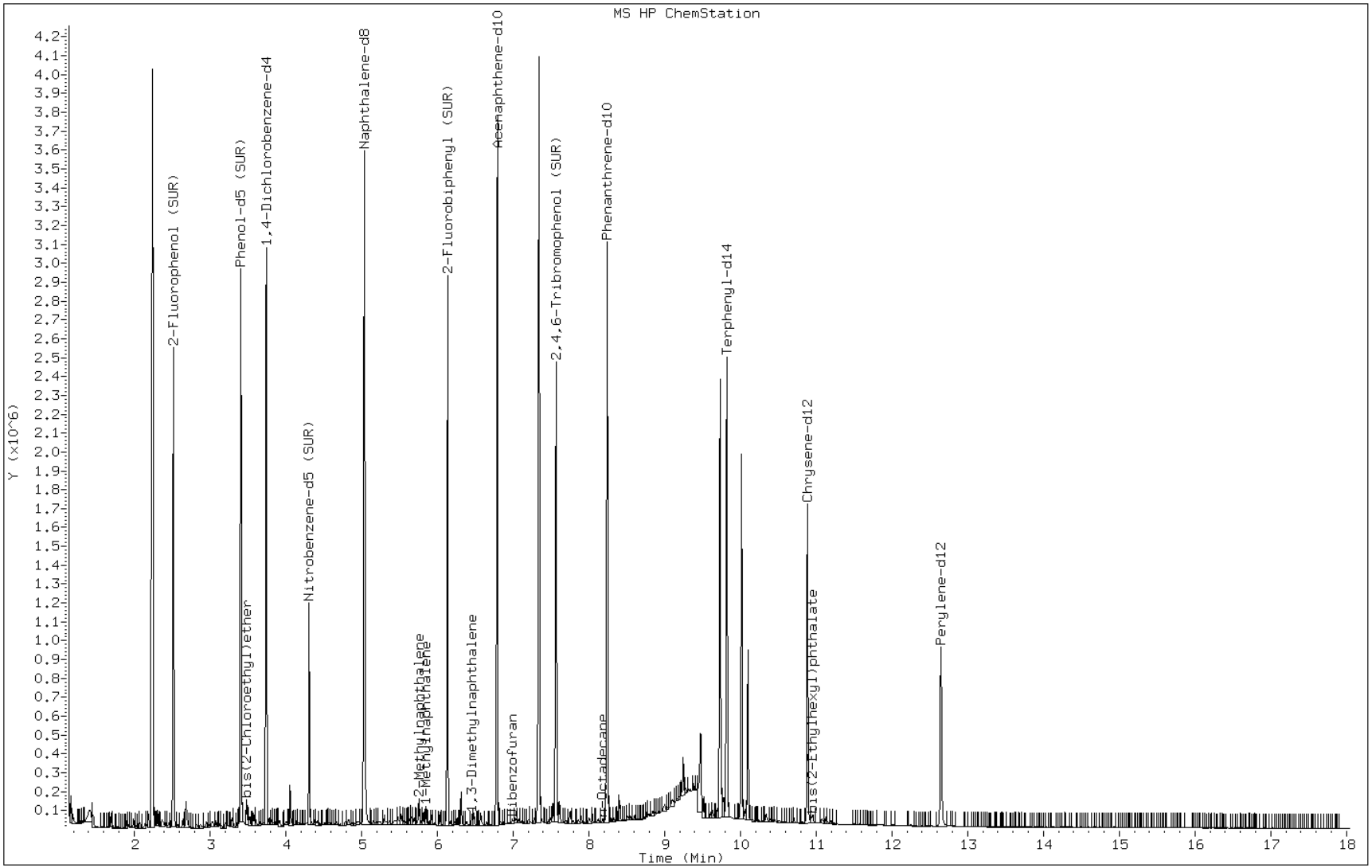
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x28889.d

Date: 03-AUG-2012 04:47

Client ID: 20120731SB-387V3-4N Instrument: BNAMS5.i

Sample Info: 460-42971-E-14-D Operator: BNAMS 4



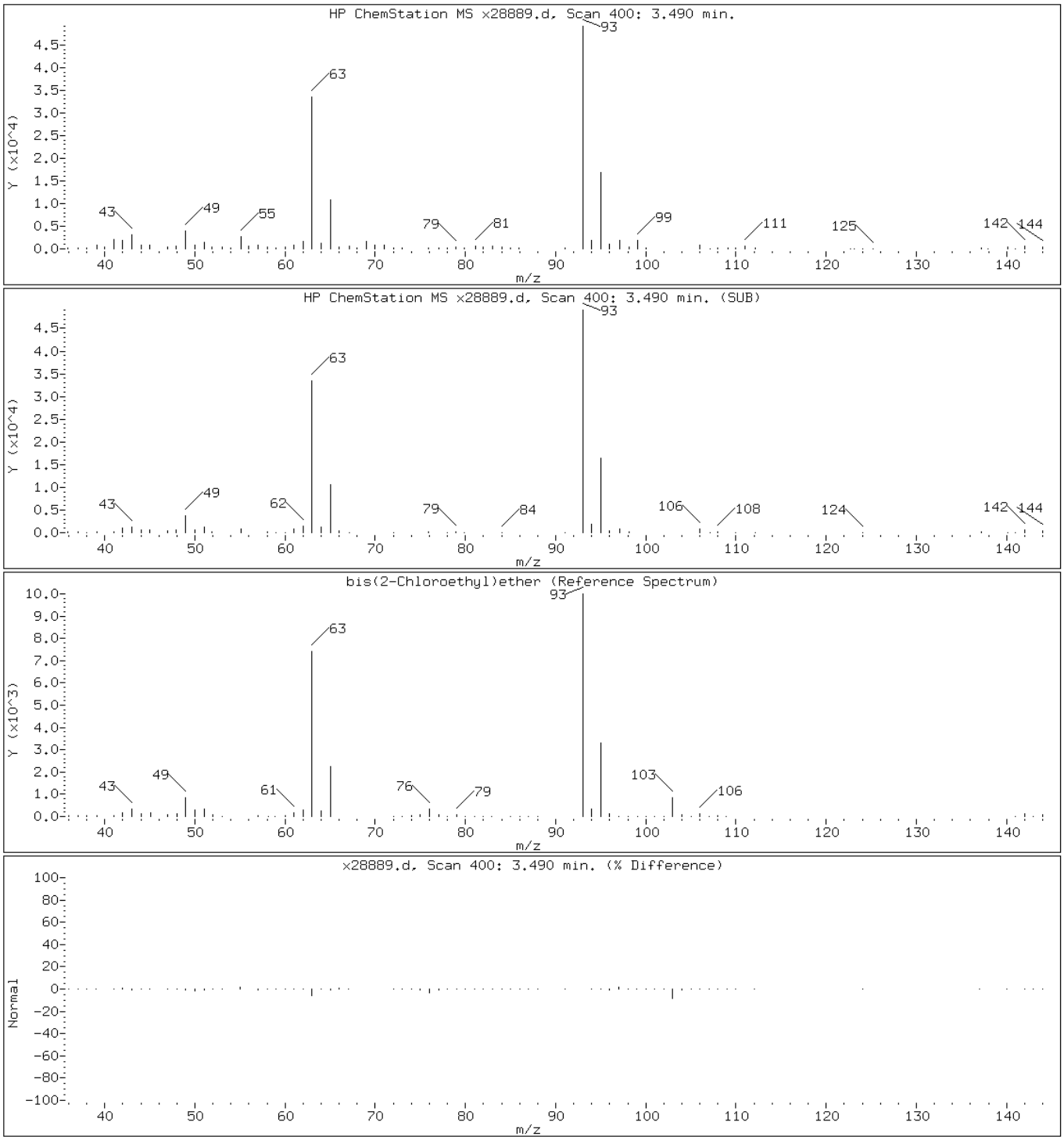
Data File: x28889.d

Date: 03-AUG-2012 04:47

Client ID: 20120731SB-387V3-4N Instrument: BNAMS5.i

Sample Info: 460-42971-E-14-D Operator: BNAMS 4

20 bis(2-Chloroethyl)ether



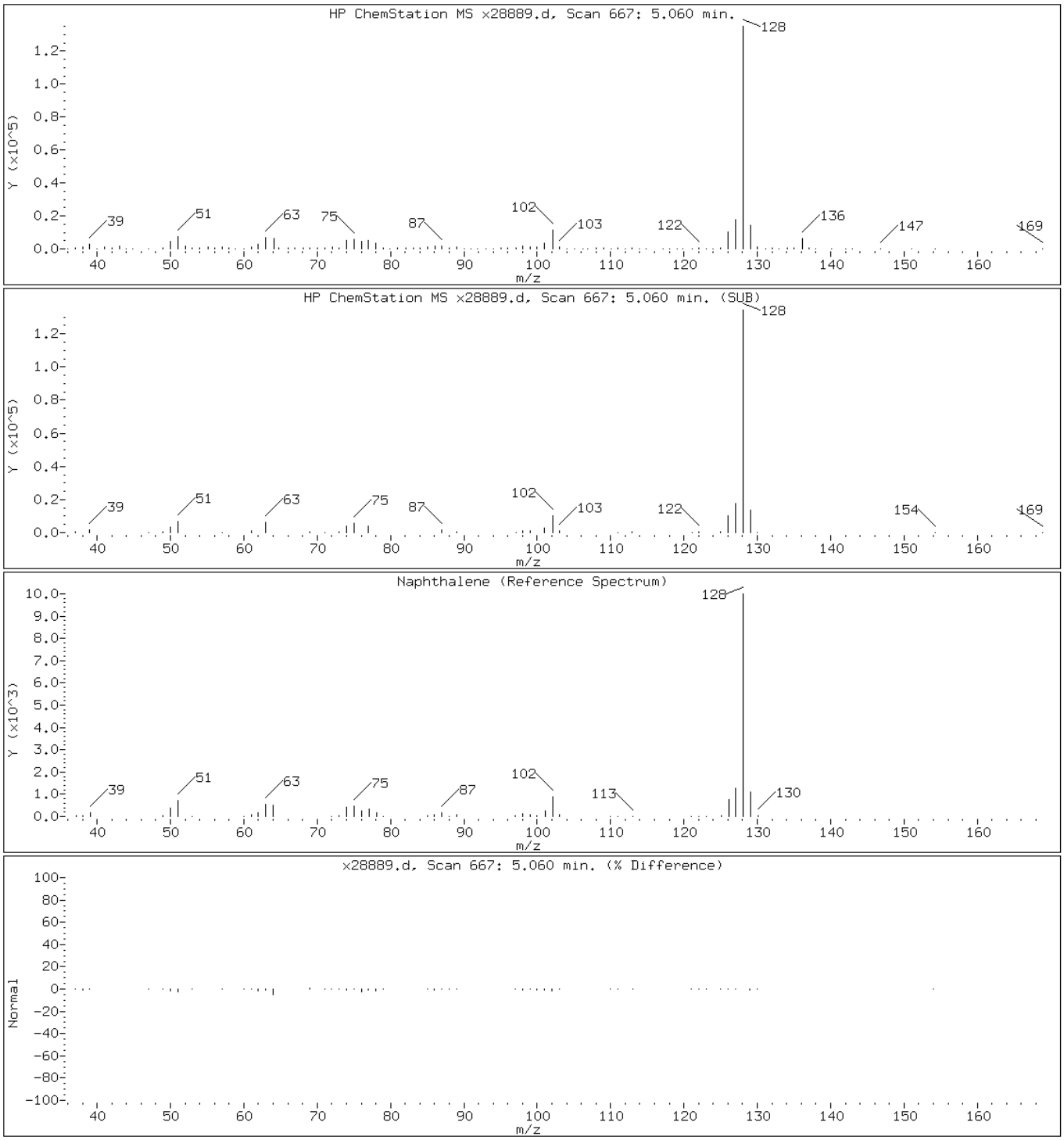
Data File: x28889.d

Date: 03-AUG-2012 04:47

Client ID: 20120731SB-387V3-4N Instrument: BNAMS5.i

Sample Info: 460-42971-E-14-D Operator: BNAMS 4

31 Naphthalene



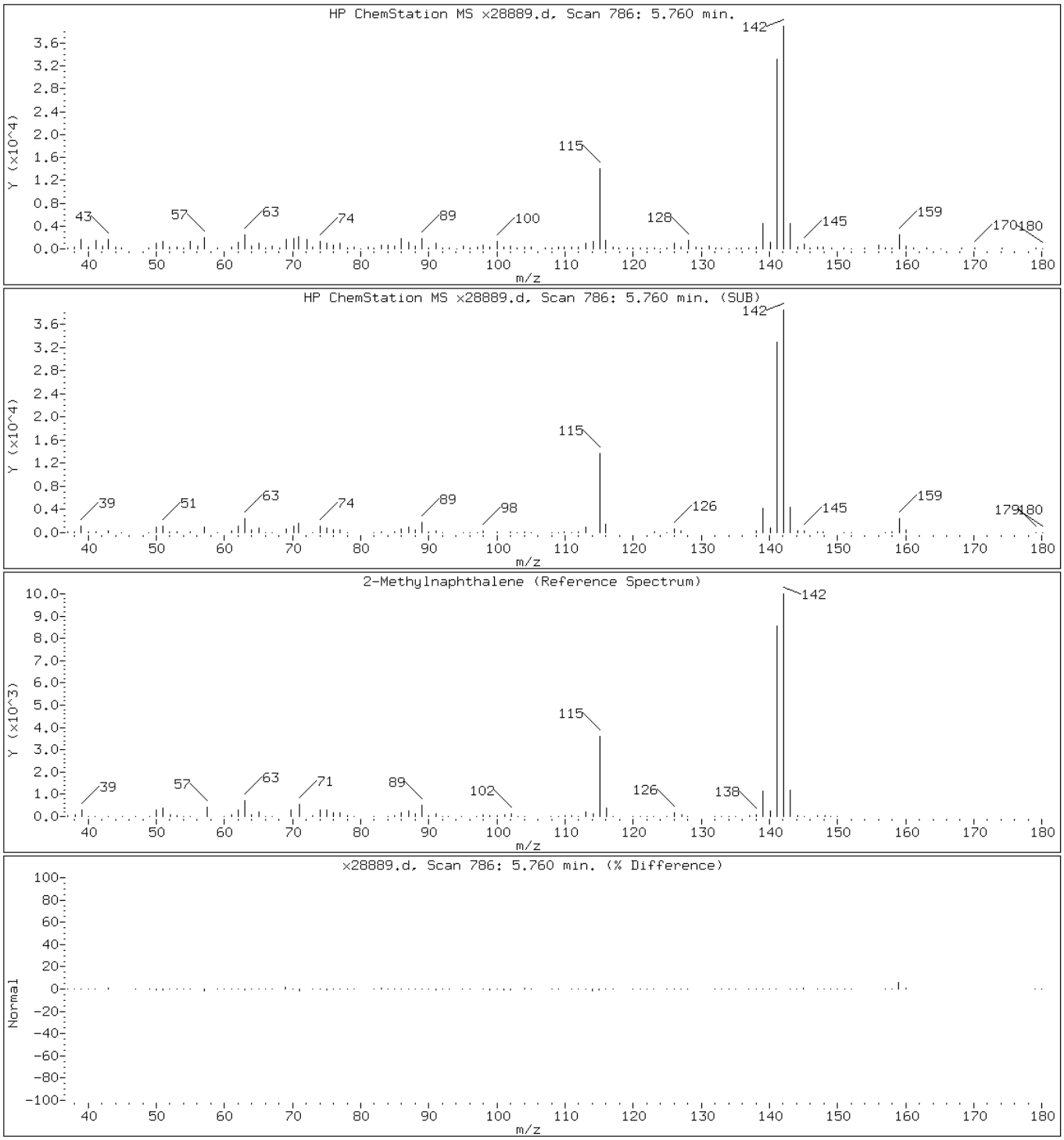
Data File: x28889.d

Date: 03-AUG-2012 04:47

Client ID: 20120731SB-387V3-4N Instrument: BNAMS5.i

Sample Info: 460-42971-E-14-D Operator: BNAMS 4

34 2-Methylnaphthalene



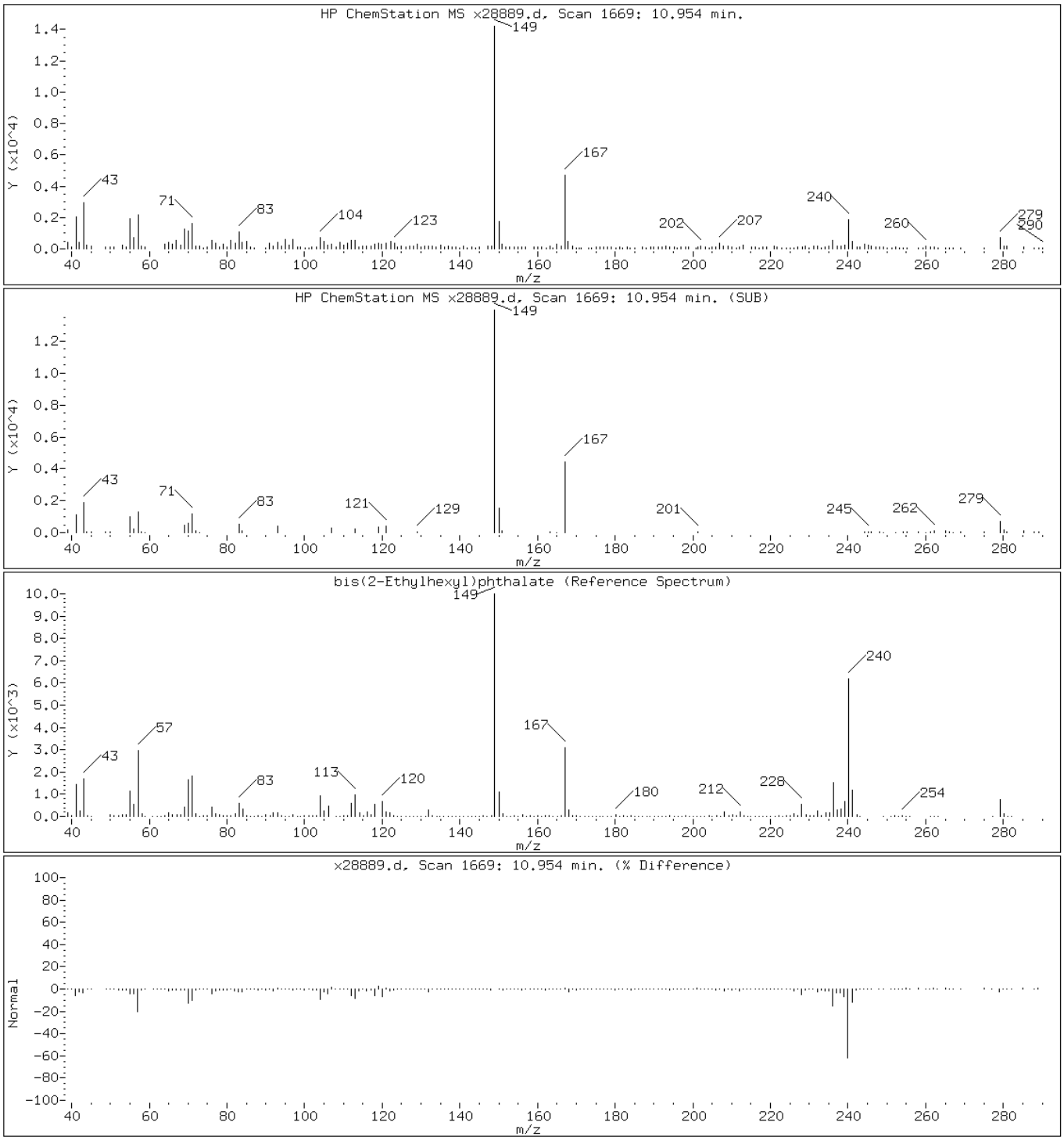
Data File: x28889.d

Date: 03-AUG-2012 04:47

Client ID: 20120731SB-387V3-4N Instrument: BNAMS5.i

Sample Info: 460-42971-E-14-D Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731EB | Lab Sample ID: 460-42971-15

Matrix: Water | Lab File ID: x28880.d

Analysis Method: 8270C | Date Collected: 07/31/2012 14:00

Extract. Method: 3510C | Date Extracted: 08/01/2012 14:33

Sample wt/vol: 1000(mL) | Date Analyzed: 08/02/2012 20:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122357 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.81	U	10	0.81
95-57-8	2-Chlorophenol	2.2	U	10	2.2
95-48-7	2-Methylphenol	1.8	U	10	1.8
106-44-5	4-Methylphenol	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.0	U	10	2.0
98-86-2	Acetophenone	2.7	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	0.28	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	2.0	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	0.25	U	1.0	0.25
98-95-3	Nitrobenzene	0.30	U	1.0	0.30
67-72-1	Hexachloroethane	0.25	U	1.0	0.25
78-59-1	Isophorone	2.7	U	10	2.7
88-75-5	2-Nitrophenol	2.4	U	10	2.4
105-67-9	2,4-Dimethylphenol	3.4	U	10	3.4
120-83-2	2,4-Dichlorophenol	2.6	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	2.6	U	10	2.6
91-20-3	Naphthalene	2.7	U	10	2.7
106-47-8	4-Chloroaniline	2.0	U	10	2.0
87-68-3	Hexachlorobutadiene	0.57	U	2.0	0.57
105-60-2	Caprolactam	2.5	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	2.5	U	10	2.5
91-57-6	2-Methylnaphthalene	3.0	U	10	3.0
118-74-1	Hexachlorobenzene	0.29	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	2.4	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	2.6	U	10	2.6
92-52-4	Diphenyl	2.8	U	10	2.8
91-58-7	2-Chloronaphthalene	2.7	U	10	2.7
88-74-4	2-Nitroaniline	4.9	U	20	4.9
606-20-2	2,6-Dinitrotoluene	0.61	U	2.0	0.61
131-11-3	Dimethyl phthalate	2.8	U	10	2.8
208-96-8	Acenaphthylene	2.7	U	10	2.7
99-09-2	3-Nitroaniline	5.0	U	20	5.0
83-32-9	Acenaphthene	2.7	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731EB | Lab Sample ID: 460-42971-15

Matrix: Water | Lab File ID: x28880.d

Analysis Method: 8270C | Date Collected: 07/31/2012 14:00

Extract. Method: 3510C | Date Extracted: 08/01/2012 14:33

Sample wt/vol: 1000(mL) | Date Analyzed: 08/02/2012 20:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122357 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6.7	U	30	6.7
51-28-5	2,4-Dinitrophenol	5.4	U	30	5.4
132-64-9	Dibenzofuran	2.8	U	10	2.8
84-66-2	Diethyl phthalate	2.9	U	10	2.9
86-73-7	Fluorene	2.8	U	10	2.8
206-44-0	Fluoranthene	3.2	U	10	3.2
84-74-2	Di-n-butyl phthalate	2.9	U	10	2.9
121-14-2	2,4-Dinitrotoluene	0.47	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	2.5	U	10	2.5
100-01-6	4-Nitroaniline	5.8	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	2.5	U	10	2.5
1912-24-9	Atrazine	3.0	U	10	3.0
120-12-7	Anthracene	2.8	U	10	2.8
86-74-8	Carbazole	3.2	U	10	3.2
85-01-8	Phenanthrene	3.1	U	10	3.1
87-86-5	Pentachlorophenol	5.3	U	30	5.3
129-00-0	Pyrene	2.9	U	10	2.9
218-01-9	Chrysene	3.1	U	10	3.1
207-08-9	Benzo[k]fluoranthene	0.26	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
205-99-2	Benzo[b]fluoranthene	0.26	U	1.0	0.26
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.27	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	2.9	U	10	2.9
85-68-7	Butyl benzyl phthalate	2.5	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	4.9	U	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	2.6	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	2.5	U	10	2.5

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731EB | Lab Sample ID: 460-42971-15

Matrix: Water | Lab File ID: x28880.d

Analysis Method: 8270C | Date Collected: 07/31/2012 14:00

Extract. Method: 3510C | Date Extracted: 08/01/2012 14:33

Sample wt/vol: 1000(mL) | Date Analyzed: 08/02/2012 20:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122357 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		56-112
4165-62-2	Phenol-d5	26		10-48
1718-51-0	Terphenyl-d14	82		50-122
118-79-6	2,4,6-Tribromophenol	70		46-122
367-12-4	2-Fluorophenol	40		10-65
321-60-8	2-Fluorobiphenyl	88		53-108

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12a.b/x28880.d
Report Date: 10-Aug-2012 01:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/02aug12a.b/x28880.d
Lab Smp Id: 460-42971-G-15-A Client Smp ID: 20120731EB
Inj Date : 02-AUG-2012 20:54
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-G-15-A
Misc Info : 460-42971-G-15-A
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/02aug12a.b/8270C_11.m
Meth Date : 02-Aug-2012 13:14 monica Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.495	2.501	(0.666)	289356	19.7866	40
$ 17 Phenol-d5 (SUR)	99	3.407	3.431	(0.909)	215001	13.2207	26
* 79 1,4-Dichlorobenzene-d4	152	3.748	3.754	(1.000)	426295	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	650108	43.3096	87
* 80 Naphthalene-d8	136	5.042	5.048	(1.000)	1545971	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.142	6.148	(0.904)	1097539	44.0714	88
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	682681	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	114402	35.2477	70
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	738582	40.0000	
$ 78 Terphenyl-d14	244	9.824	9.825	(0.902)	485254	40.7598	82
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	381100	40.0000	
* 84 Perylene-d12	264	12.648	12.660	(1.000)	330450	40.0000	

Data File: x28880.d

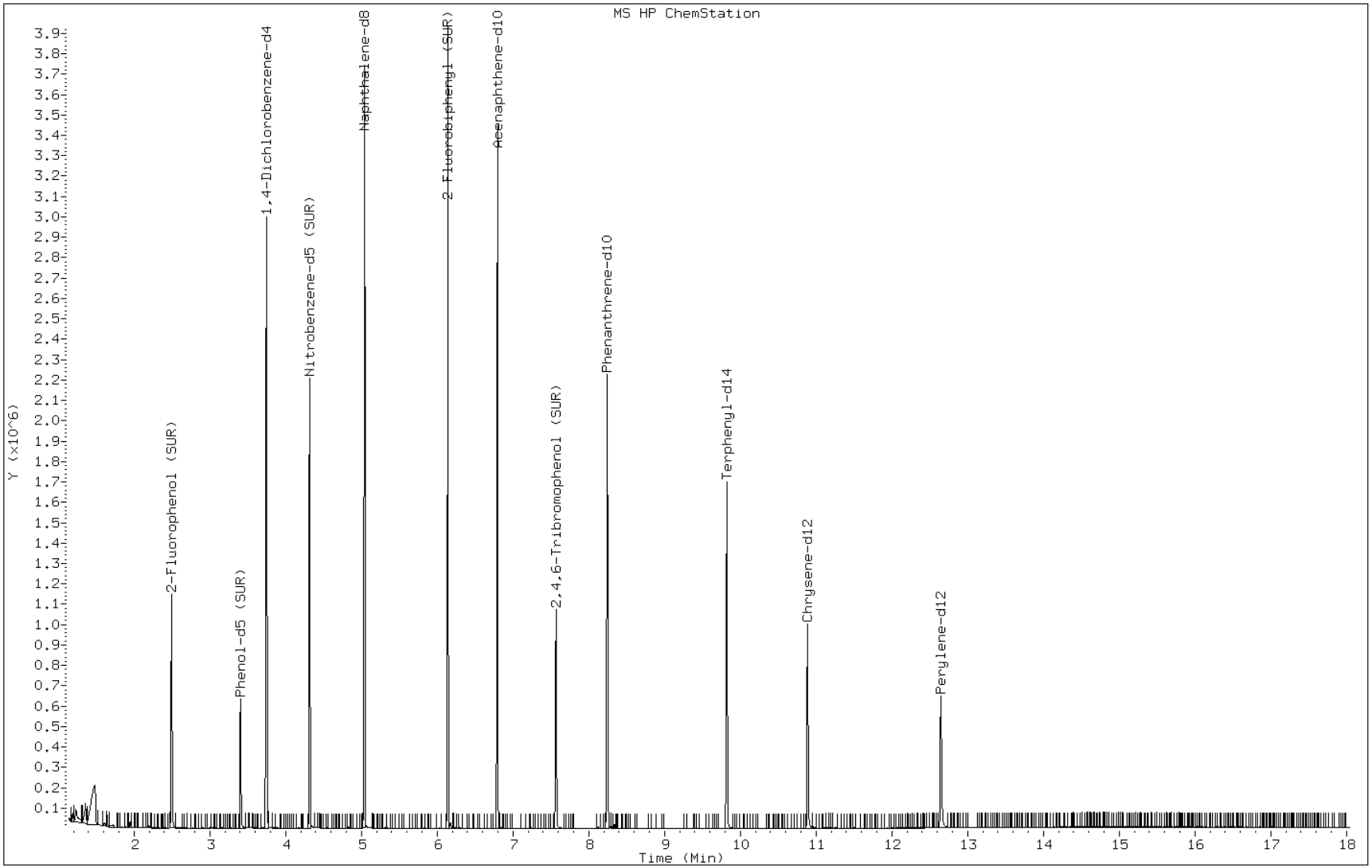
Date: 02-AUG-2012 20:54

Client ID: 20120731EB

Instrument: BNAMS5.i

Sample Info: 460-42971-G-15-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731FD DL | Lab Sample ID: 460-42971-16 DL

Matrix: Solid | Lab File ID: x29035.d

Analysis Method: 8270C | Date Collected: 07/31/2012 00:00

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 14.98(g) | Date Analyzed: 08/08/2012 01:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1200	U	8900	1200
95-57-8	2-Chlorophenol	1200	U	8900	1200
95-48-7	2-Methylphenol	1500	U	8900	1500
106-44-5	4-Methylphenol	1700	U	8900	1700
100-52-7	Benzaldehyde	1000	U	8900	1000
98-86-2	Acetophenone	1400	U	8900	1400
111-44-4	Bis(2-chloroethyl)ether	120	U	890	120
108-60-1	2,2'-oxybis[1-chloropropane]	980	U	8900	980
621-64-7	N-Nitrosodi-n-propylamine	150	U	890	150
98-95-3	Nitrobenzene	130	U	890	130
67-72-1	Hexachloroethane	99	U	890	99
78-59-1	Isophorone	1100	U	8900	1100
88-75-5	2-Nitrophenol	990	U	8900	990
105-67-9	2,4-Dimethylphenol	2200	U	8900	2200
120-83-2	2,4-Dichlorophenol	1300	U	8900	1300
111-91-1	Bis(2-chloroethoxy)methane	1100	U	8900	1100
91-20-3	Naphthalene	1000	U	8900	1000
106-47-8	4-Chloroaniline	2400	U	8900	2400
87-68-3	Hexachlorobutadiene	220	U	1800	220
105-60-2	Caprolactam	2000	U	8900	2000
59-50-7	4-Chloro-3-methylphenol	1300	U	8900	1300
91-57-6	2-Methylnaphthalene	1100	U	8900	1100
118-74-1	Hexachlorobenzene	120	U	890	120
77-47-4	Hexachlorocyclopentadiene	1000	U	8900	1000
88-06-2	2,4,6-Trichlorophenol	1000	U	8900	1000
95-95-4	2,4,5-Trichlorophenol	1100	U	8900	1100
92-52-4	Diphenyl	1200	U	8900	1200
91-58-7	2-Chloronaphthalene	990	U	8900	990
88-74-4	2-Nitroaniline	3700	U	18000	3700
606-20-2	2,6-Dinitrotoluene	270	U	1800	270
131-11-3	Dimethyl phthalate	1100	U	8900	1100
208-96-8	Acenaphthylene	1000	U	8900	1000
99-09-2	3-Nitroaniline	3100	U	18000	3100
83-32-9	Acenaphthene	1500	J D	8900	1300

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731FD DL | Lab Sample ID: 460-42971-16 DL

Matrix: Solid | Lab File ID: x29035.d

Analysis Method: 8270C | Date Collected: 07/31/2012 00:00

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 14.98(g) | Date Analyzed: 08/08/2012 01:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5700	U	27000	5700
51-28-5	2,4-Dinitrophenol	5000	U	27000	5000
132-64-9	Dibenzofuran	1200	J D	8900	1000
84-66-2	Diethyl phthalate	1100	U	8900	1100
86-73-7	Fluorene	1800	J D	8900	1100
206-44-0	Fluoranthene	3900	J D	8900	1200
84-74-2	Di-n-butyl phthalate	1100	U	8900	1100
121-14-2	2,4-Dinitrotoluene	290	U	1800	290
7005-72-3	4-Chlorophenyl phenyl ether	1000	U	8900	1000
100-01-6	4-Nitroaniline	2800	U	18000	2800
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	27000	2400
101-55-3	4-Bromophenyl phenyl ether	880	U	8900	880
1912-24-9	Atrazine	1400	U	8900	1400
120-12-7	Anthracene	1300	J D	8900	1100
86-74-8	Carbazole	1000	U	8900	1000
85-01-8	Phenanthrene	5300	J D	8900	1100
87-86-5	Pentachlorophenol	2600	U	27000	2600
129-00-0	Pyrene	3400	J D	8900	740
218-01-9	Chrysene	2100	J D	8900	1000
207-08-9	Benzo[k]fluoranthene	770	J D	890	67
191-24-2	Benzo[g,h,i]perylene	1700	J D	8900	660
205-99-2	Benzo[b]fluoranthene	1700	D	890	56
50-32-8	Benzo[a]pyrene	2000	D	890	63
56-55-3	Benzo[a]anthracene	1800	D	890	62
86-30-6	N-Nitrosodiphenylamine	880	U	8900	880
85-68-7	Butyl benzyl phthalate	810	U	8900	810
117-81-7	Bis(2-ethylhexyl) phthalate	100000	D	8900	3000
117-84-0	Di-n-octyl phthalate	570	U	8900	570
193-39-5	Indeno[1,2,3-cd]pyrene	1600	D	890	170
53-70-3	Dibenz(a,h)anthracene	450	J D	890	110
91-94-1	3,3'-Dichlorobenzidine	3100	U	18000	3100
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U *	8900	1200
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	8900	1200

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731FD DL | Lab Sample ID: 460-42971-16 DL

Matrix: Solid | Lab File ID: x29035.d

Analysis Method: 8270C | Date Collected: 07/31/2012 00:00

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 14.98(g) | Date Analyzed: 08/08/2012 01:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123117 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0	D	38-105
4165-62-2	Phenol-d5	0	D	41-118
1718-51-0	Terphenyl-d14	0	D	16-151
118-79-6	2,4,6-Tribromophenol	0	D	10-120
367-12-4	2-Fluorophenol	0	D	37-125
321-60-8	2-Fluorobiphenyl	0	D	40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29035.d
Report Date: 10-Aug-2012 02:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29035.d
Lab Smp Id: 460-42971-E-16-D Client Smp ID: 20120731FD
Inj Date : 08-AUG-2012 01:14
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-42971-E-16-D
Misc Info : 460-42971-E-16-D
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/8270C_11.m
Meth Date : 08-Aug-2012 12:07 czhao Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 54
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	25.40541	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
113 n-decane	43	3.592	3.592	(0.962)	3656	0.33404	600(aH)
* 79 1,4-Dichlorobenzene-d4	152	3.733	3.739	(1.000)	337136	40.0000	
30 1,2,4-Trichlorobenzene	180	4.980	4.986	(0.991)	1306	0.13698	240(a)
* 80 Naphthalene-d8	136	5.027	5.033	(1.000)	1161867	40.0000	
31 Naphthalene	128	5.050	5.056	(1.005)	9608	0.31271	560(a)
34 2-Methylnaphthalene	142	5.750	5.750	(1.144)	6575	0.34206	610(a)
120 1-Methylnaphthalene	142	5.844	5.850	(1.163)	5094	0.25962	460(a)
125 1,3-Dimethylnaphthalene	156	6.450	6.456	(0.951)	6251	0.48412	870(a)
39 Acenaphthylene	152	6.638	6.644	(0.979)	3020	0.12978	230(a)
* 82 Acenaphthene-d10	164	6.780	6.786	(1.000)	498166	40.0000	
42 Acenaphthene	154	6.809	6.815	(1.004)	11078	0.82731	1500(a)
43 Dibenzofuran	168	6.985	6.986	(1.030)	13337	0.68395	1200(a)
47 Fluorene	166	7.321	7.321	(1.080)	15374	0.98892	1800(a)

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29035.d
Report Date: 10-Aug-2012 02:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	8.238	8.238	(1.000)	539724	40.0000	
52 Phenanthrene	178	8.262	8.262	(1.003)	45986	2.95993	5300(a)
53 Anthracene	178	8.309	8.309	(1.009)	11222	0.71180	1300(a)
56 Fluoranthene	202	9.421	9.421	(1.143)	30555	2.16556	3900(a)
57 Pyrene	202	9.638	9.638	(0.886)	28012	1.87615	3400(a)
61 Benzo(a)anthracene	228	10.862	10.868	(0.999)	10691	0.99501	1800
* 81 Chrysene-d12	240	10.873	10.879	(1.000)	348026	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.938	10.950	(1.006)	473343	57.7003	100000(M)
62 Chrysene	228	10.903	10.909	(1.003)	11498	1.14931	2000(a)
65 Benzo(b)fluoranthene	252	12.150	12.150	(0.962)	11589	0.97691	1700
66 Benzo(k)fluoranthene	252	12.179	12.185	(0.964)	5449	0.43250	770(aH)
67 Benzo(a)pyrene	252	12.550	12.556	(0.993)	10163	1.10330	2000(H)
* 84 Perylene-d12	264	12.632	12.632	(1.000)	385406	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.997	14.003	(1.108)	5939	0.86869	1600
69 Dibenz(a,h)anthracene	278	14.026	14.038	(1.110)	1772	0.25050	450(a)
70 Benzo(g,h,i)perylene	276	14.332	14.338	(1.135)	6840	0.92473	1600(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x29035.d

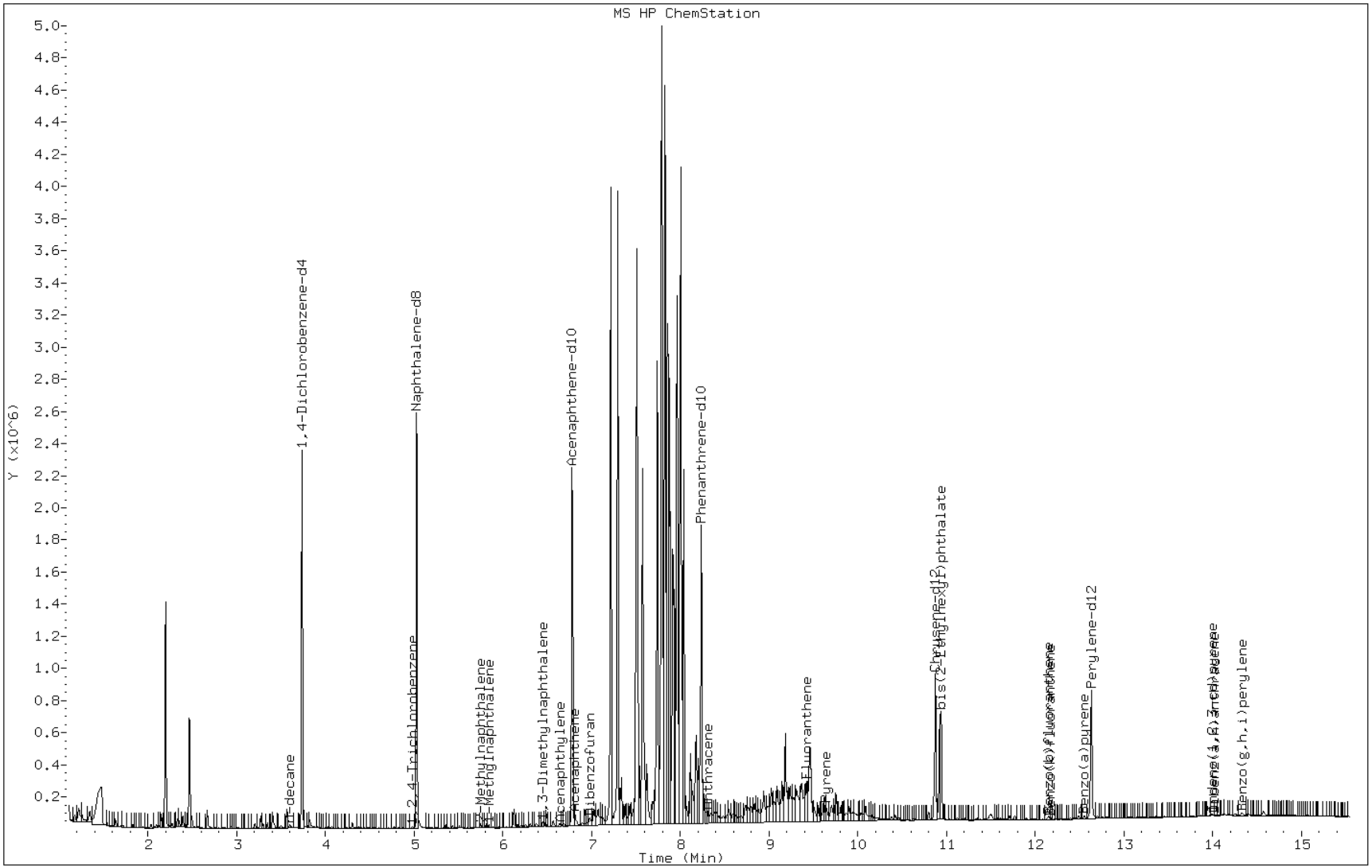
Date: 08-AUG-2012 01:14

Client ID: 20120731FD

Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D

Operator: BNAMS 4



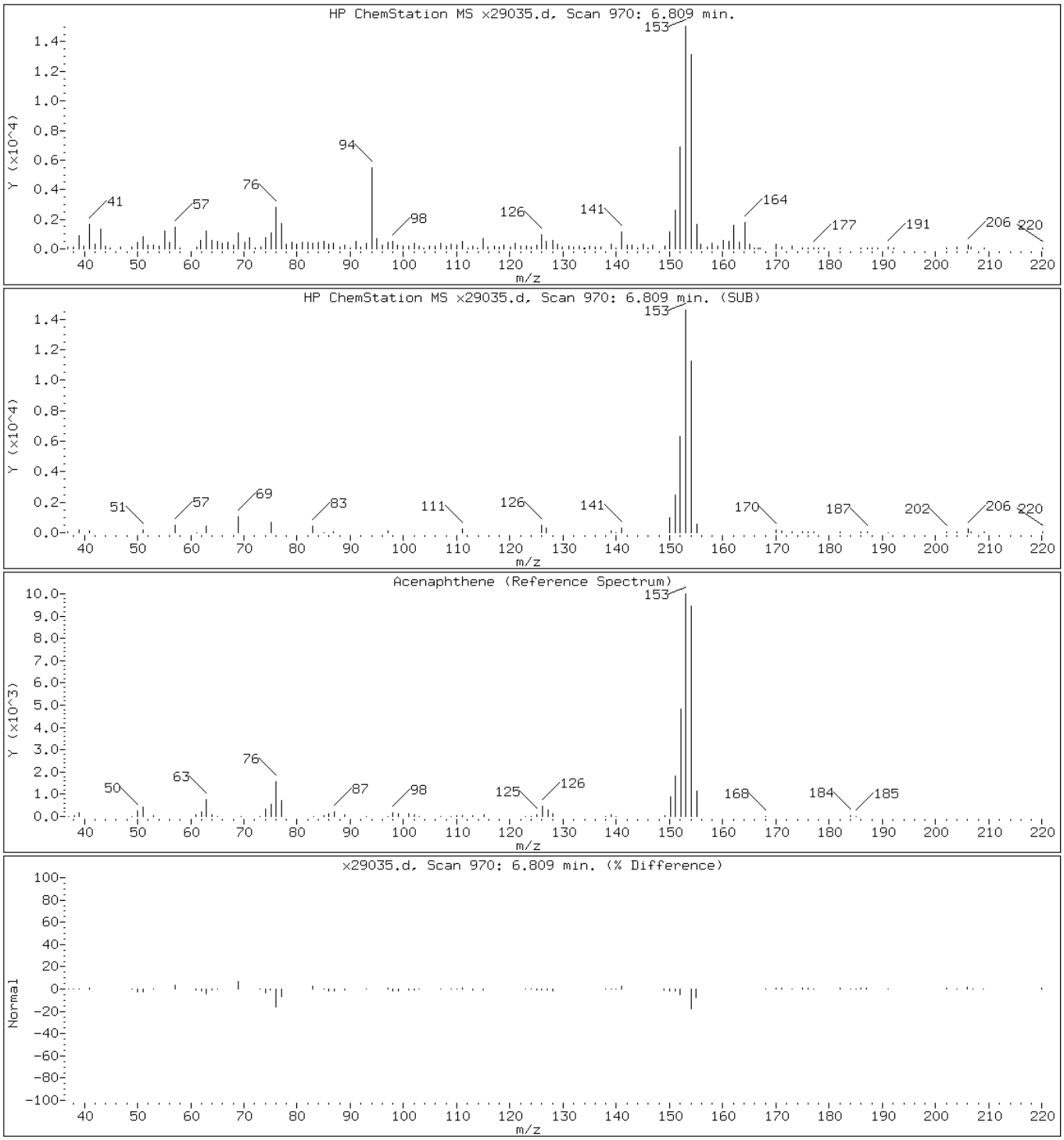
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD | Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D | Operator: BNAMS 4

42 Acenaphthene



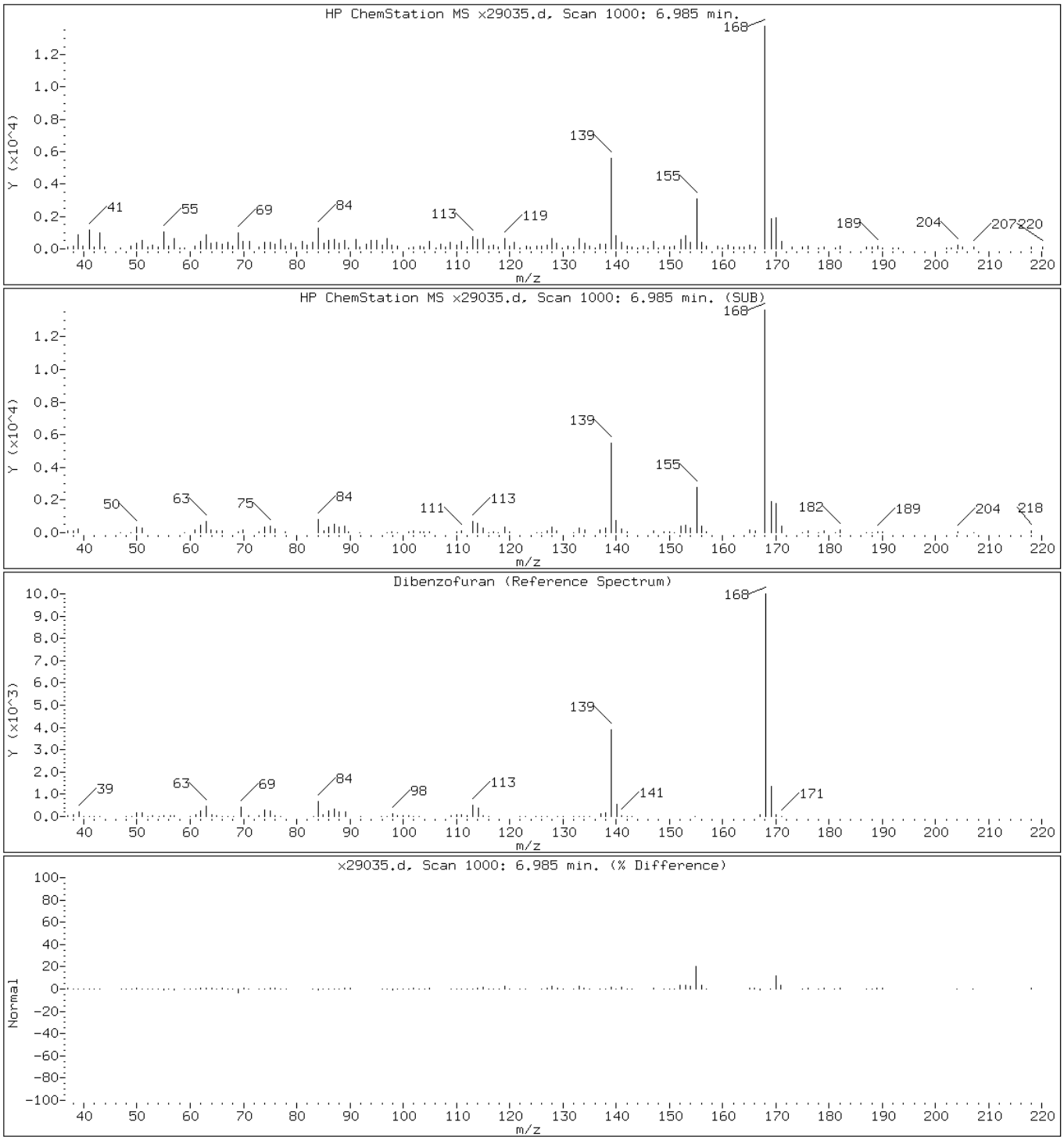
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

43 Dibenzofuran



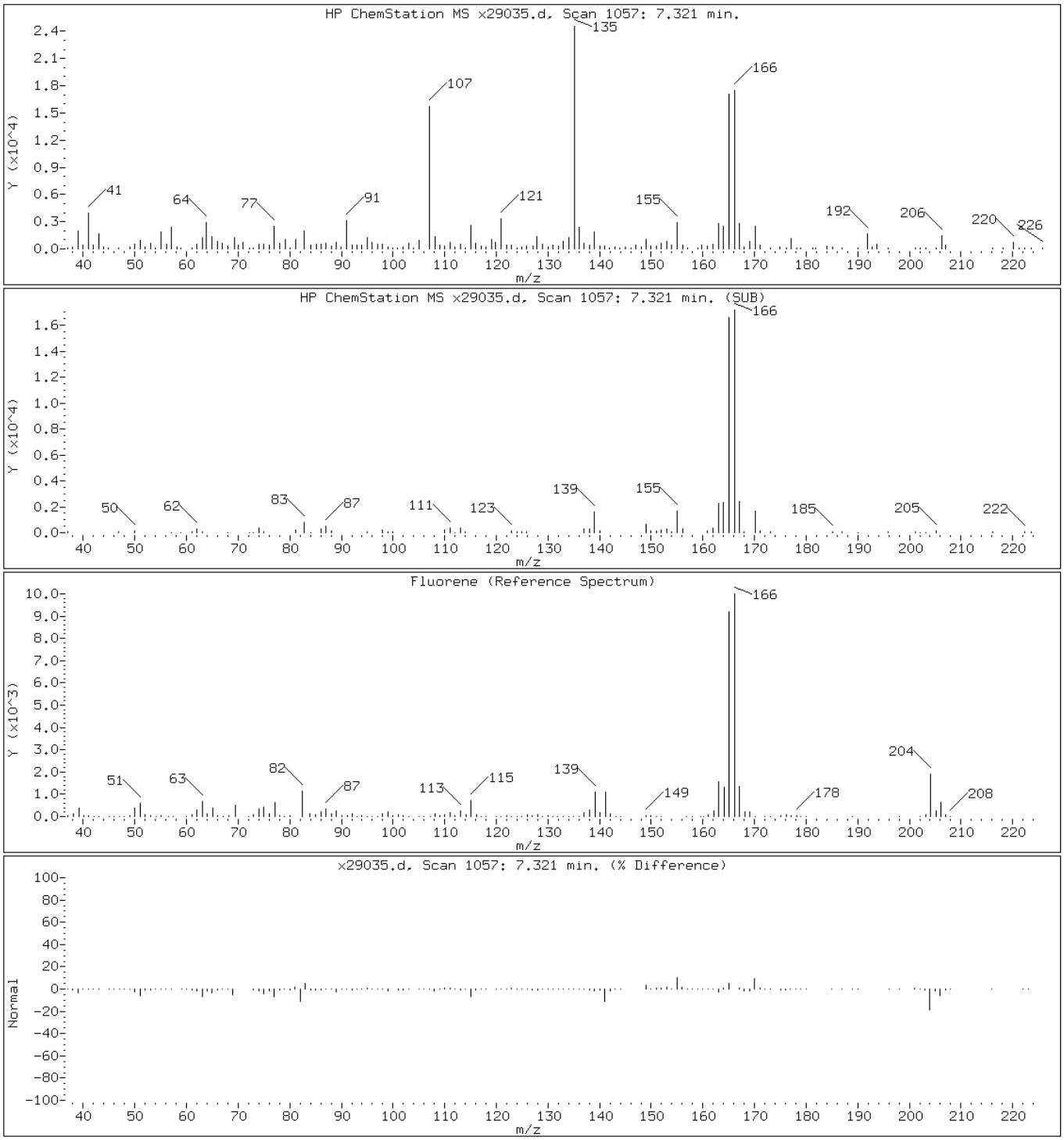
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

47 Fluorene



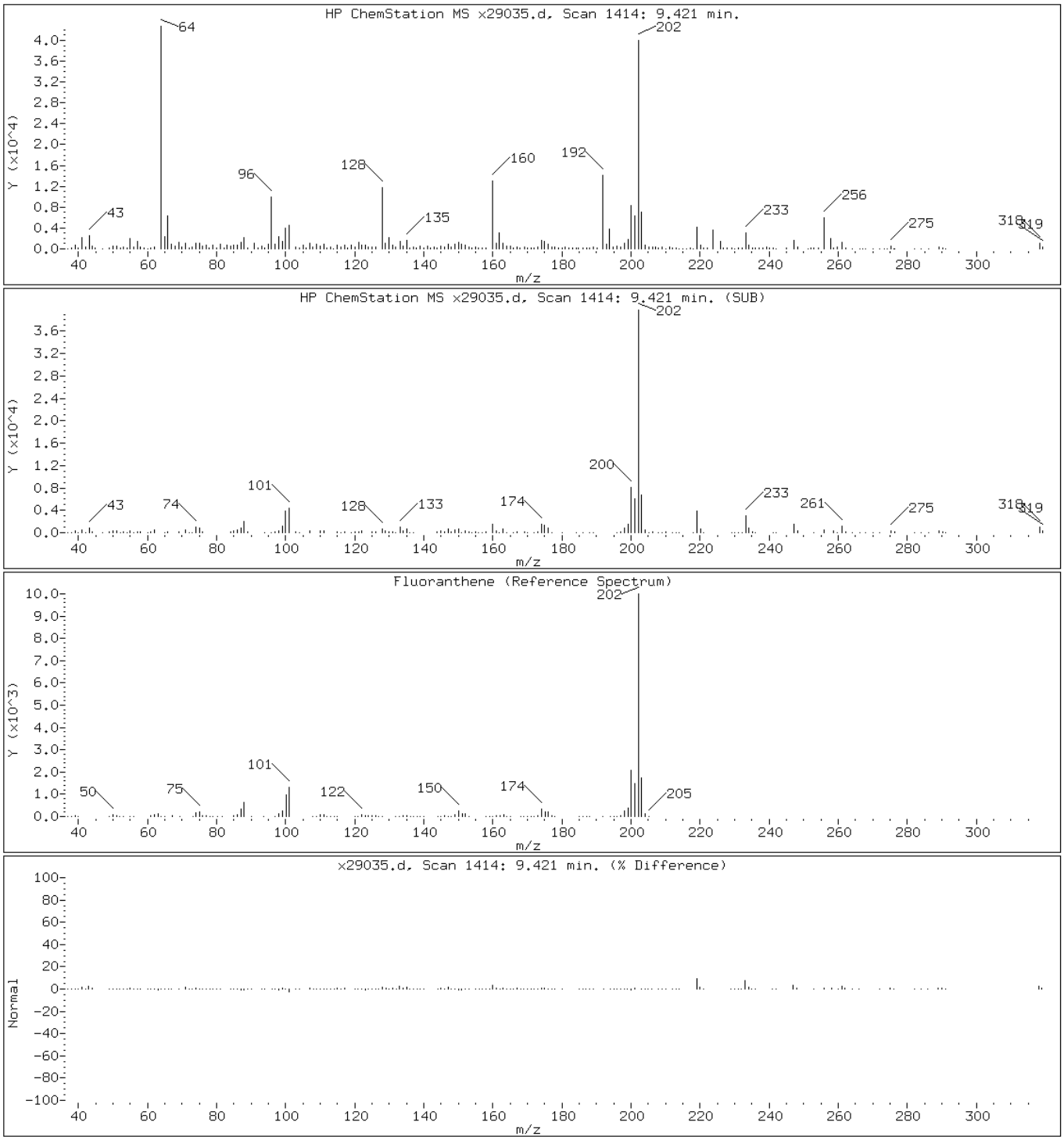
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

56 Fluoranthene



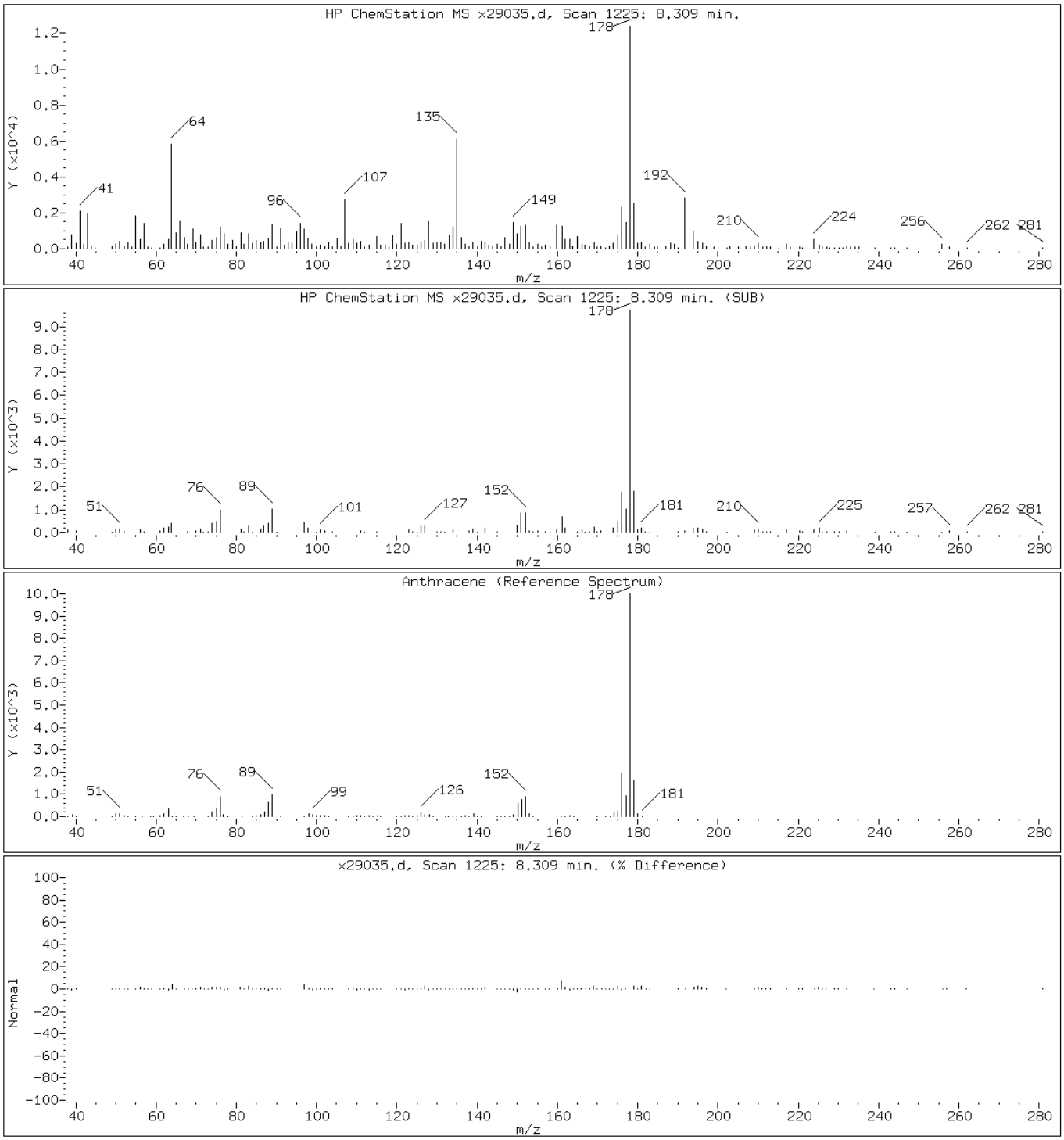
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

53 Anthracene



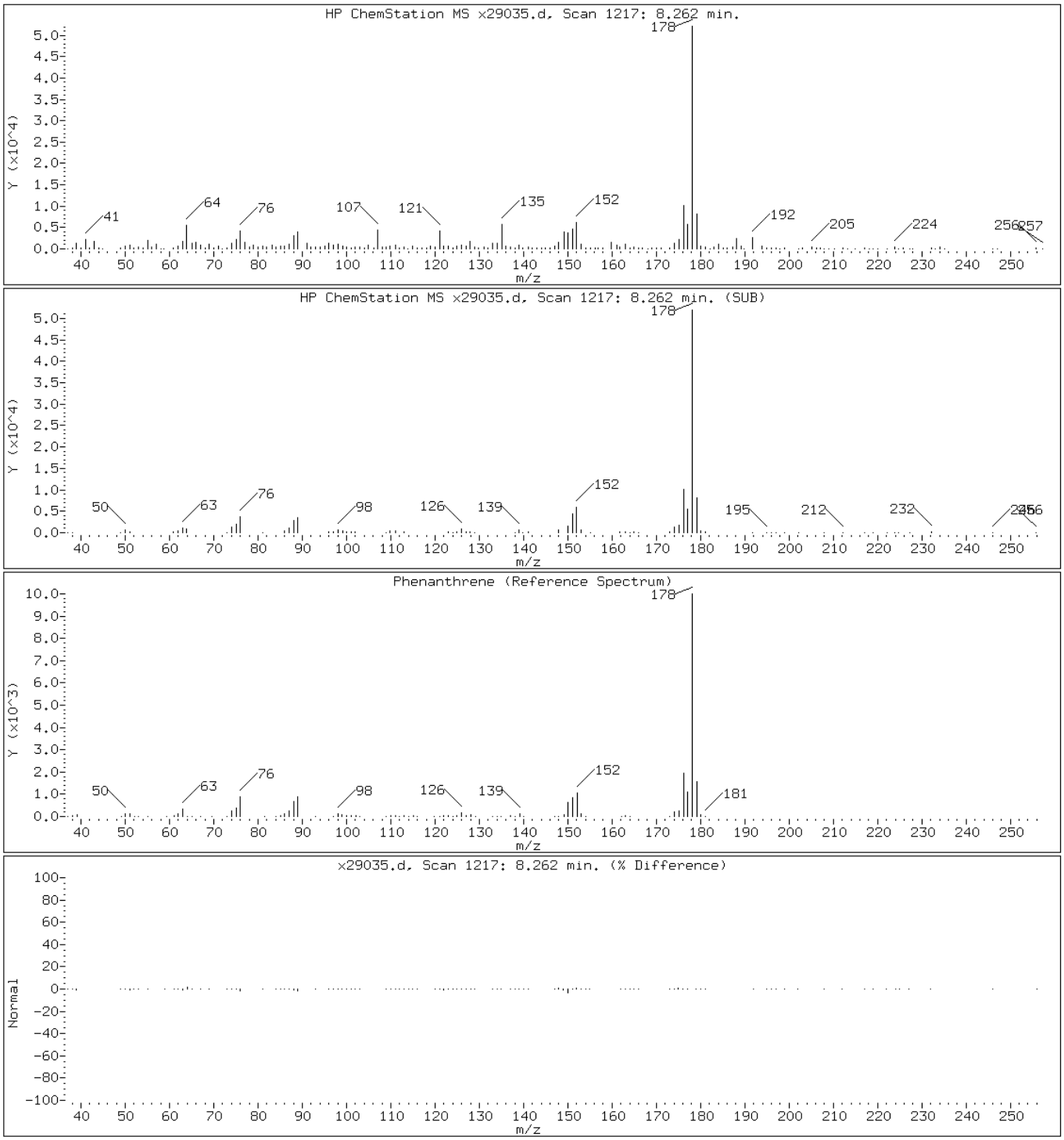
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

52 Phenanthrene



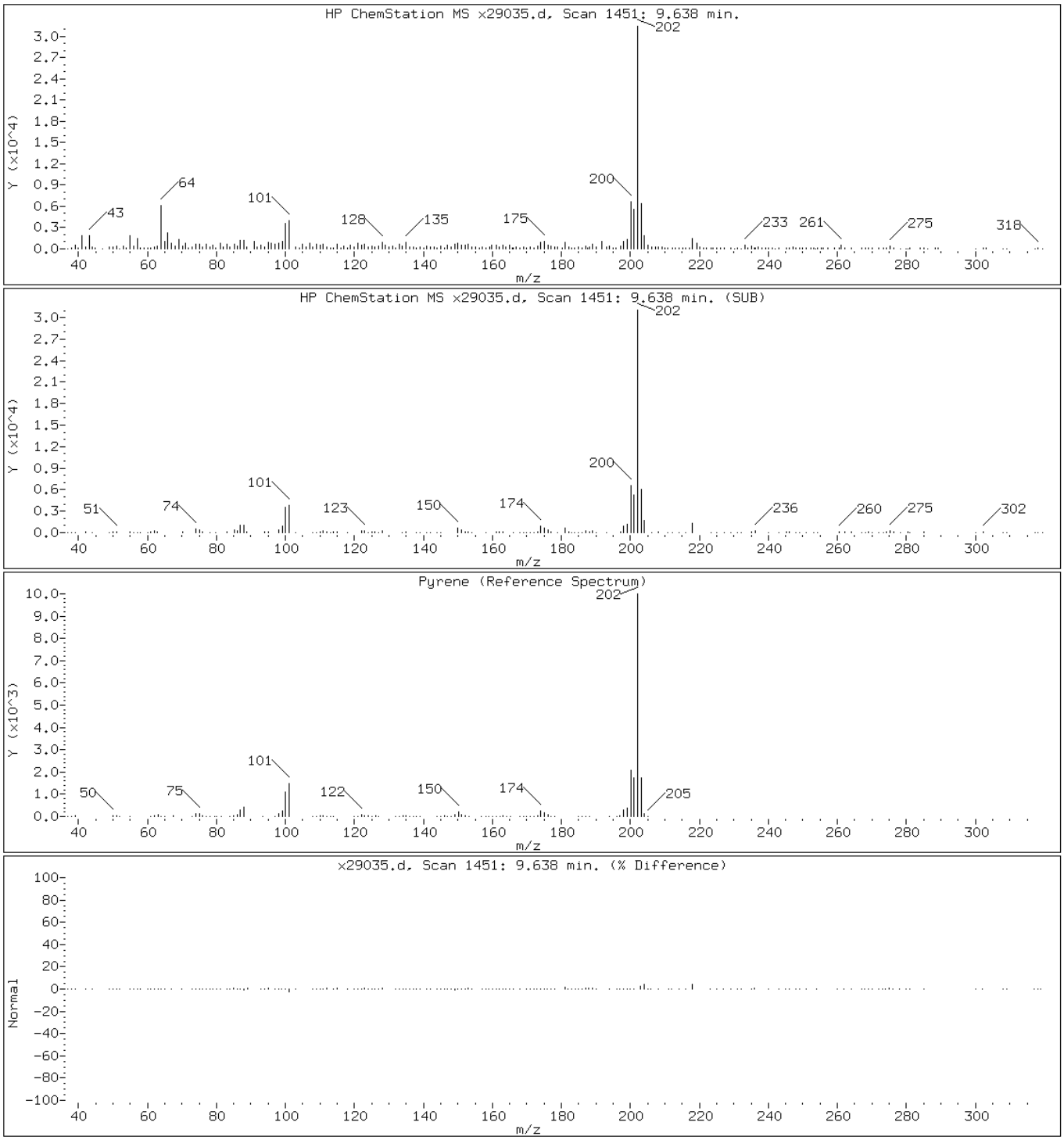
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

57 Pyrene



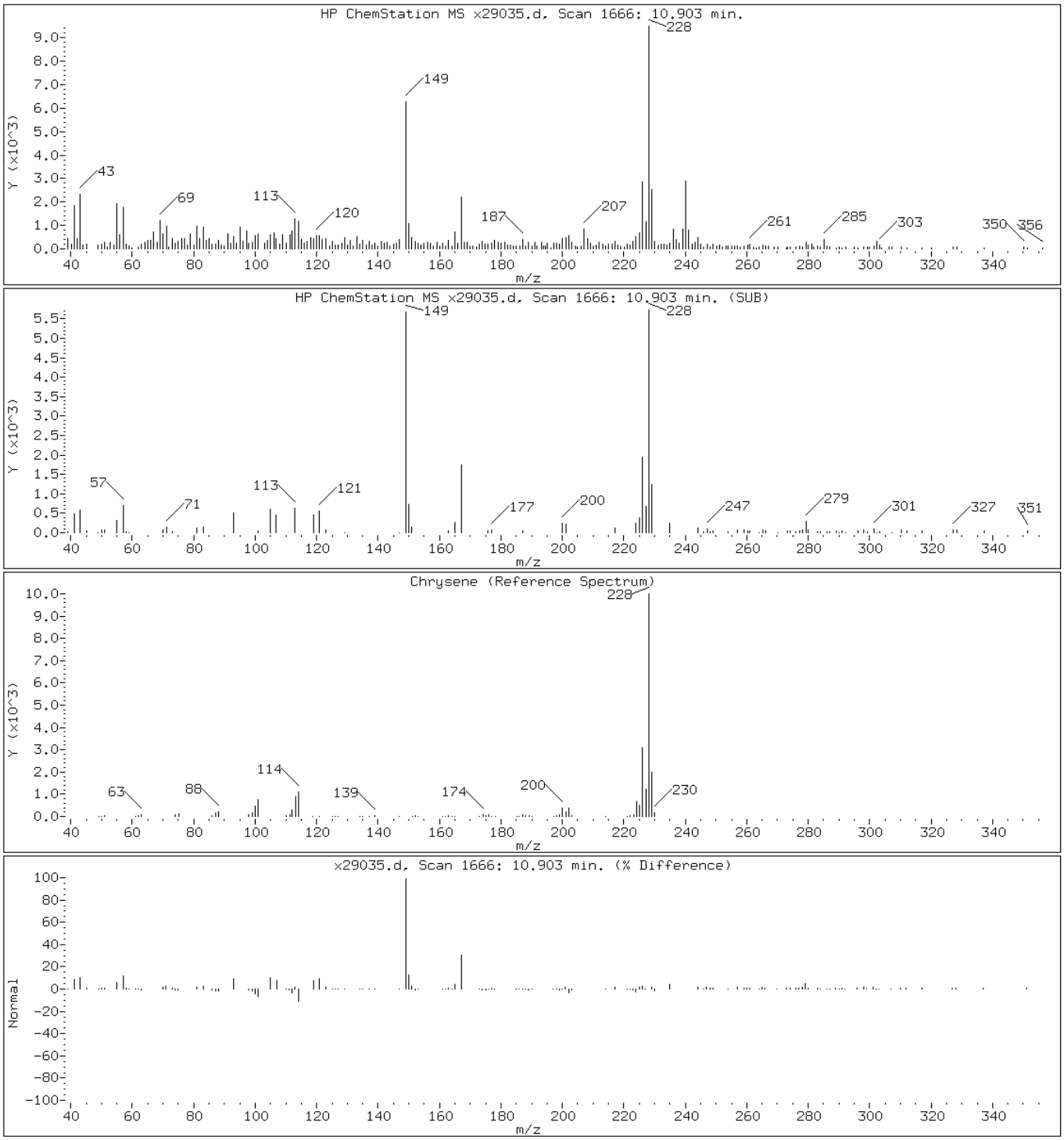
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

62 Chrysene



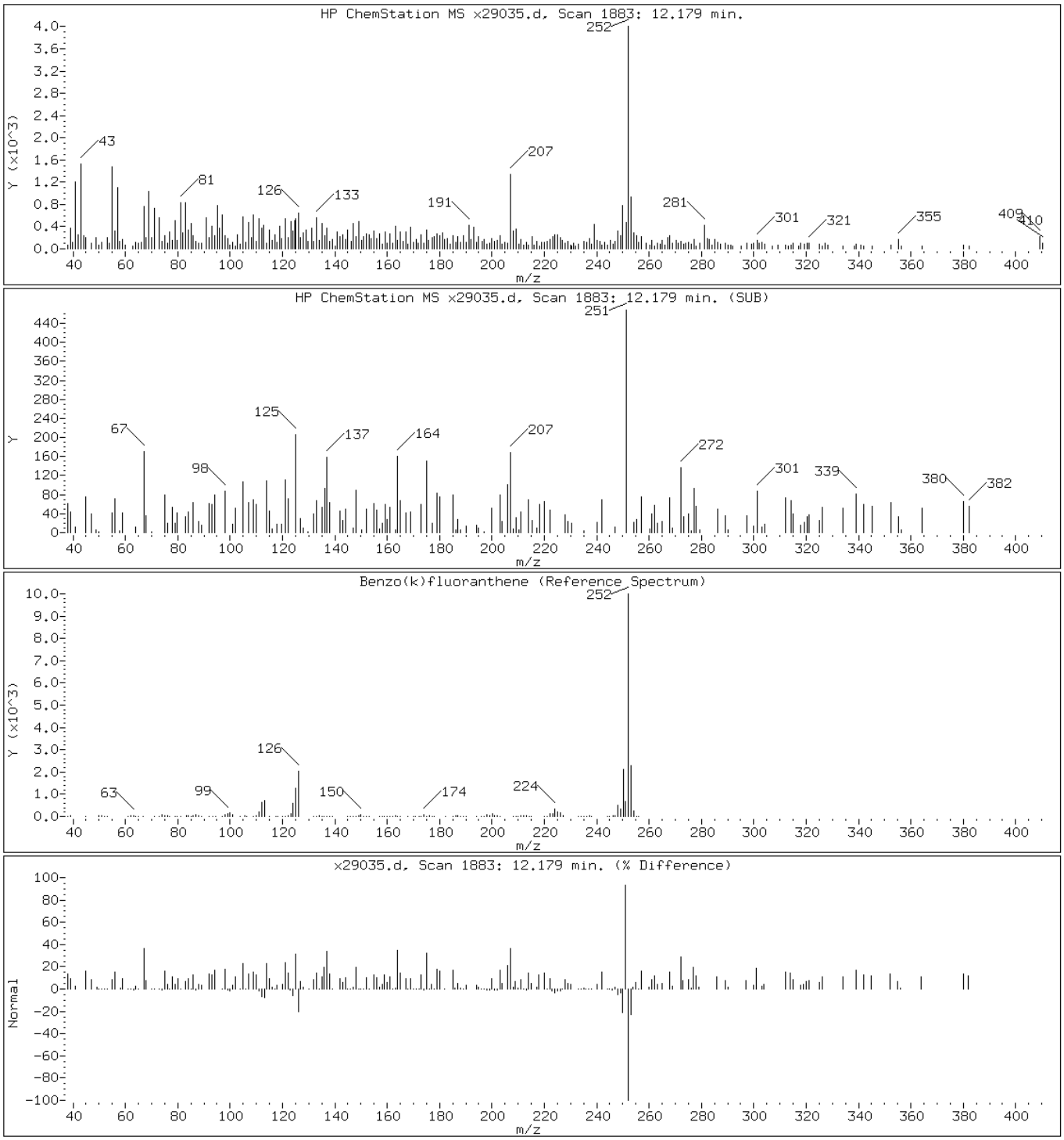
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

66 Benzo(k)fluoranthene



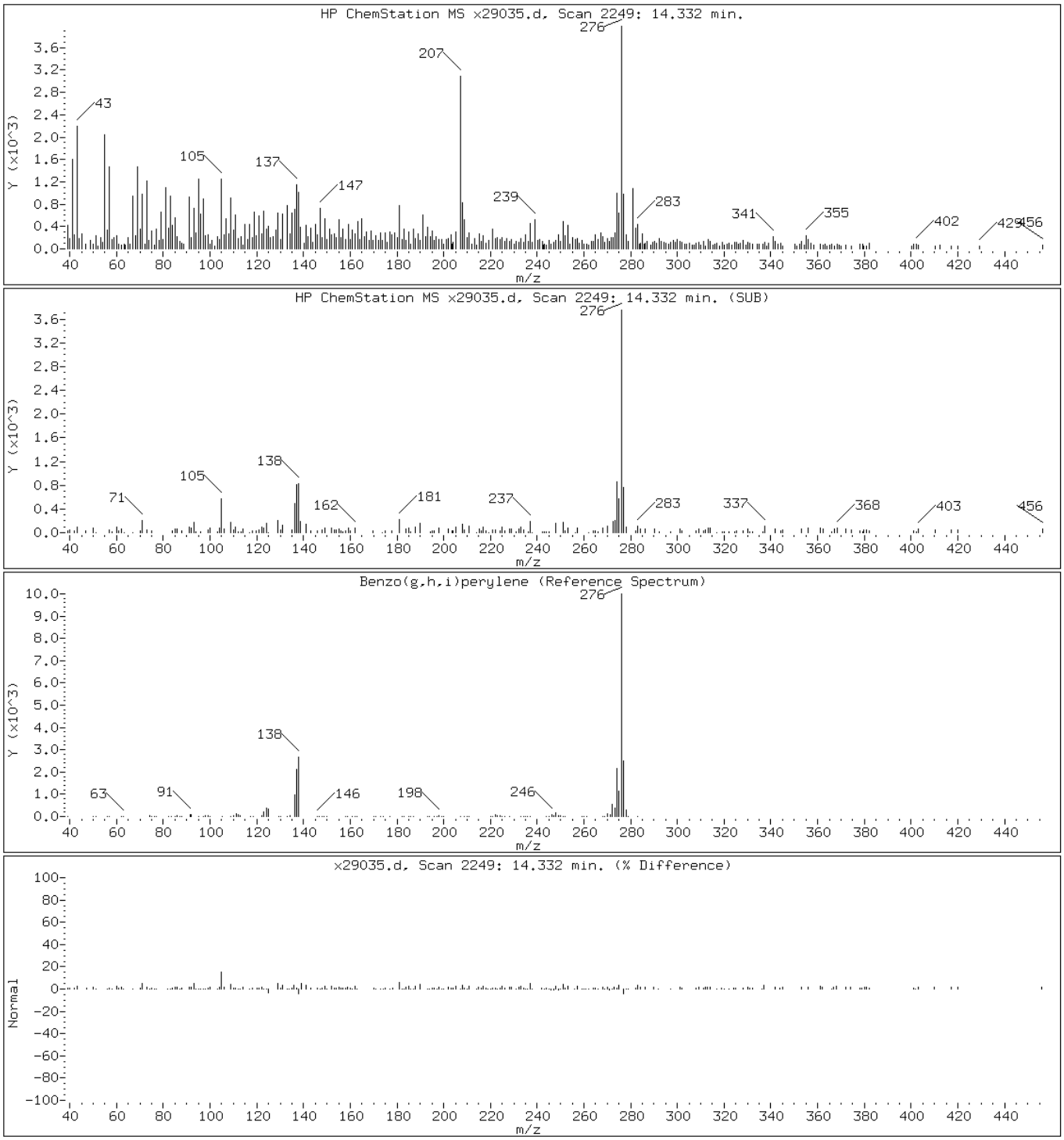
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

70 Benzo(g,h,i)perylene



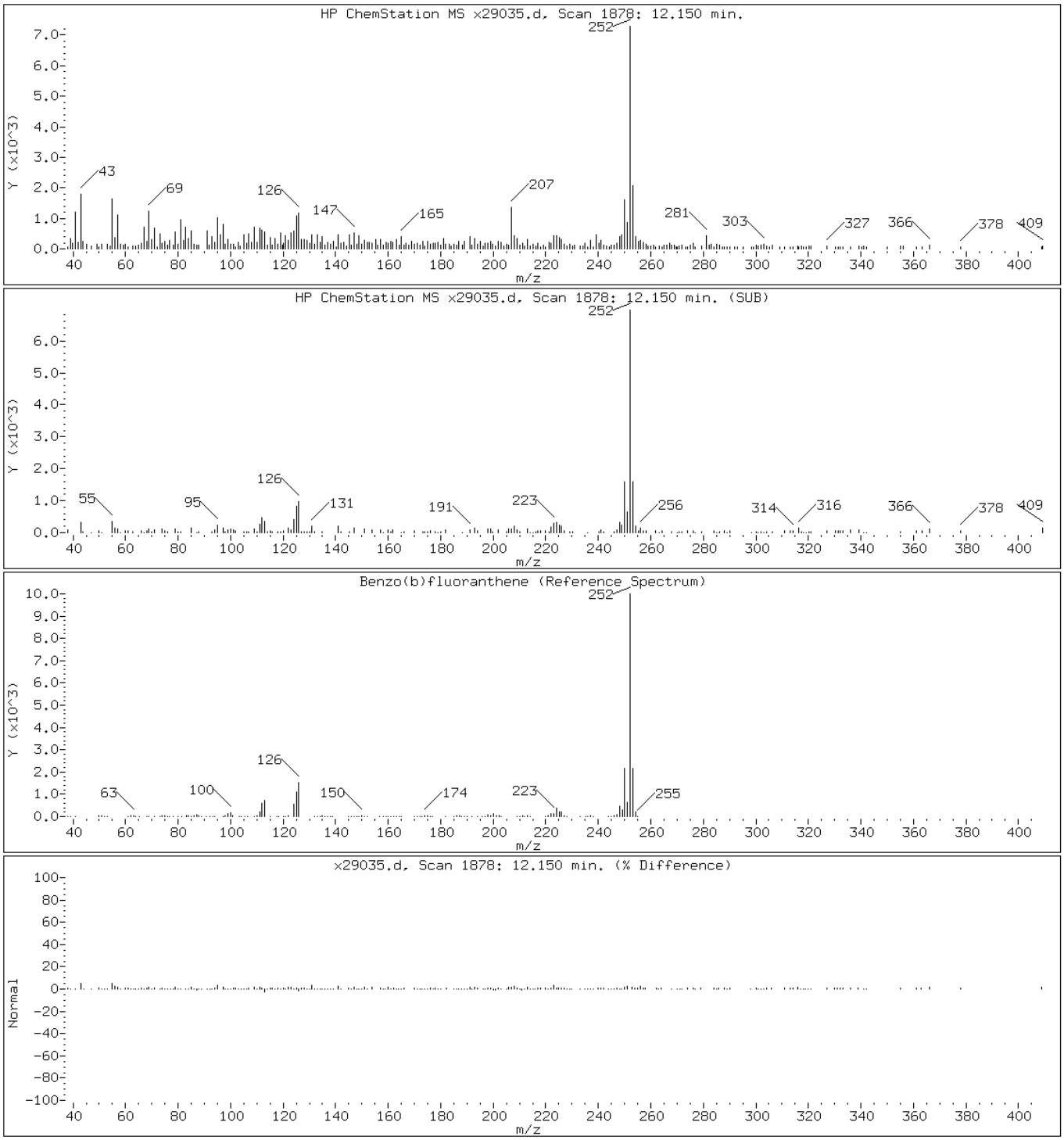
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

65 Benzo(b)fluoranthene



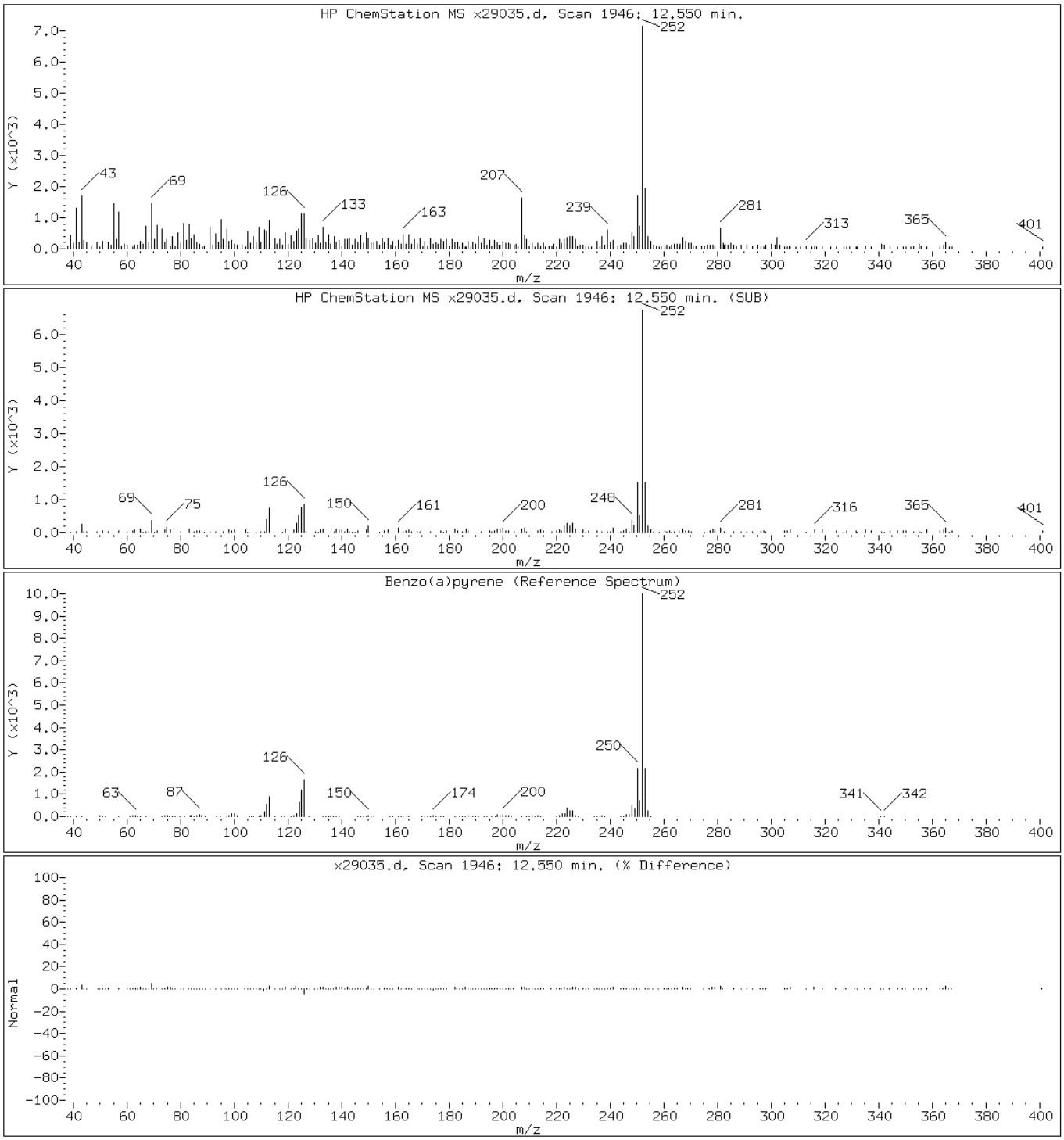
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

67 Benzo(a)pyrene



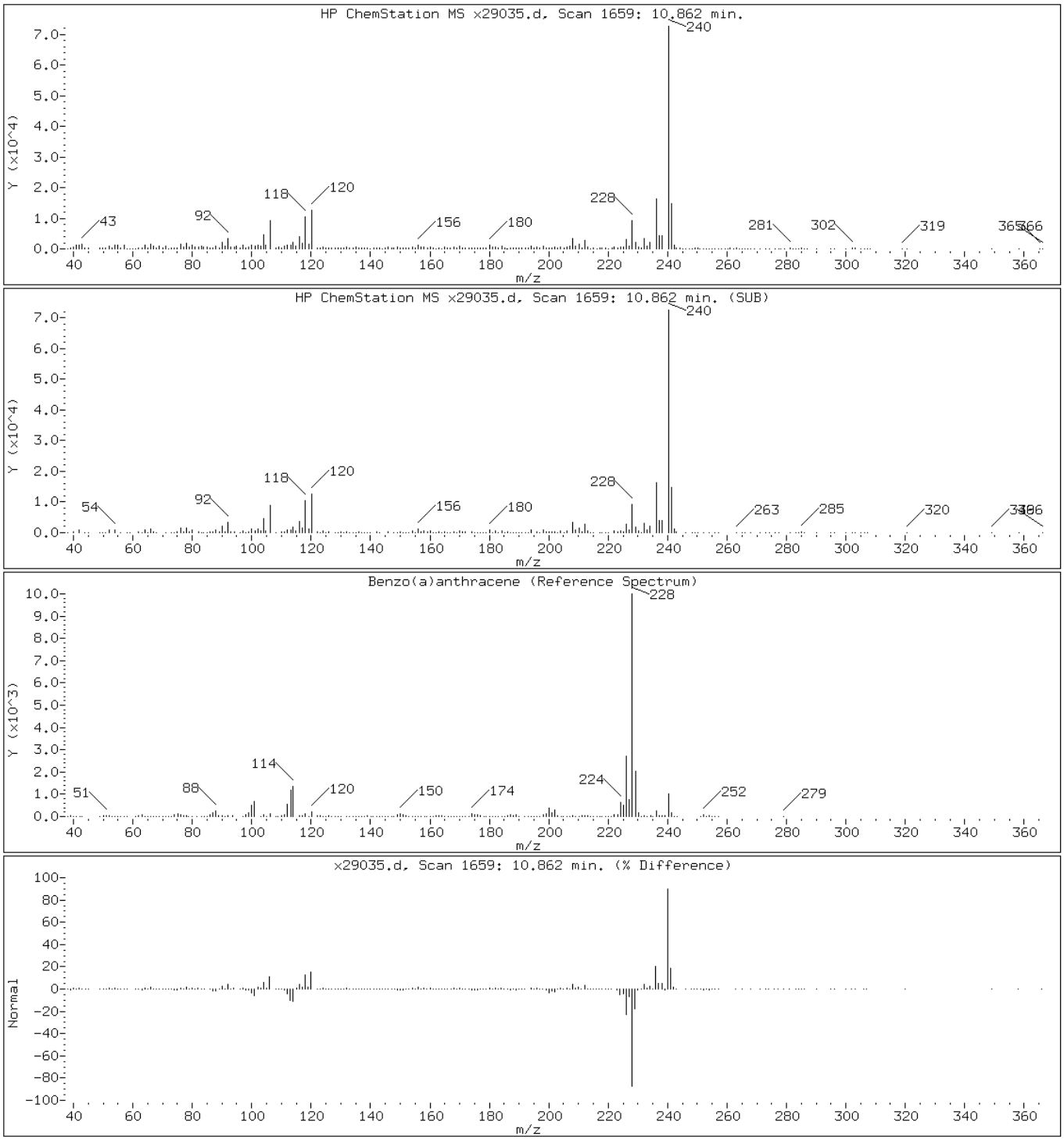
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD | Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D | Operator: BNAMS 4

61 Benzo(a)anthracene



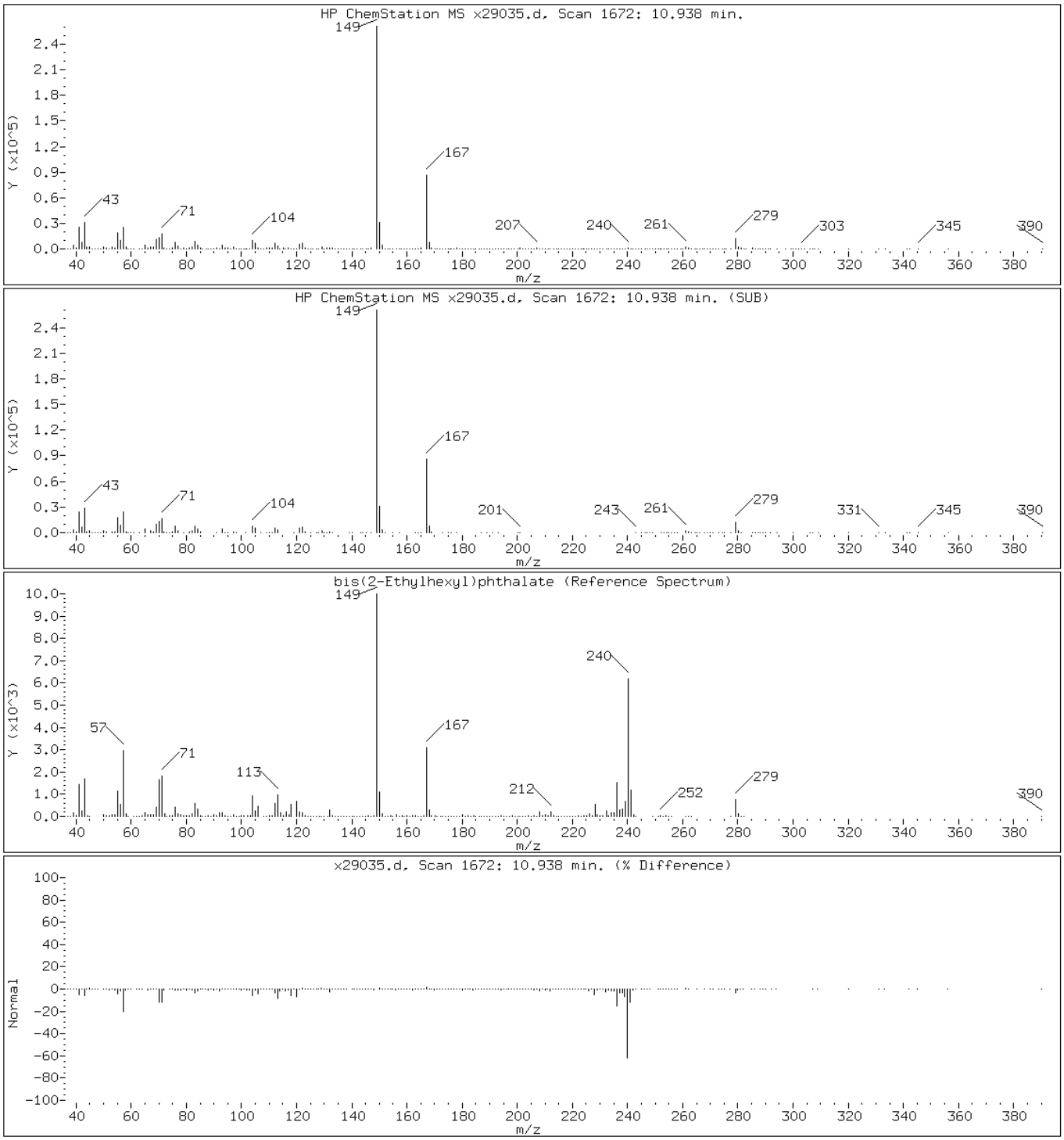
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



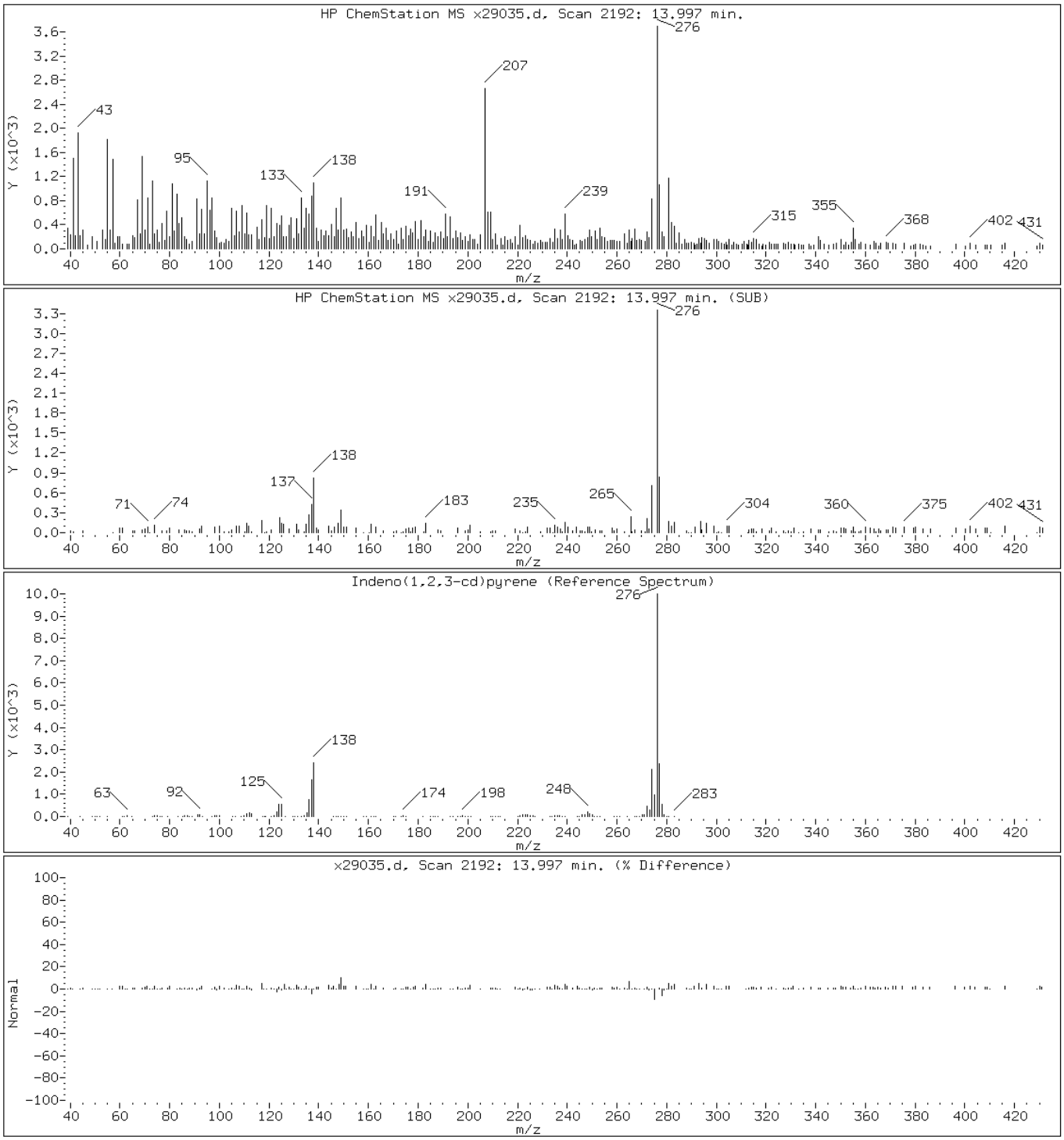
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



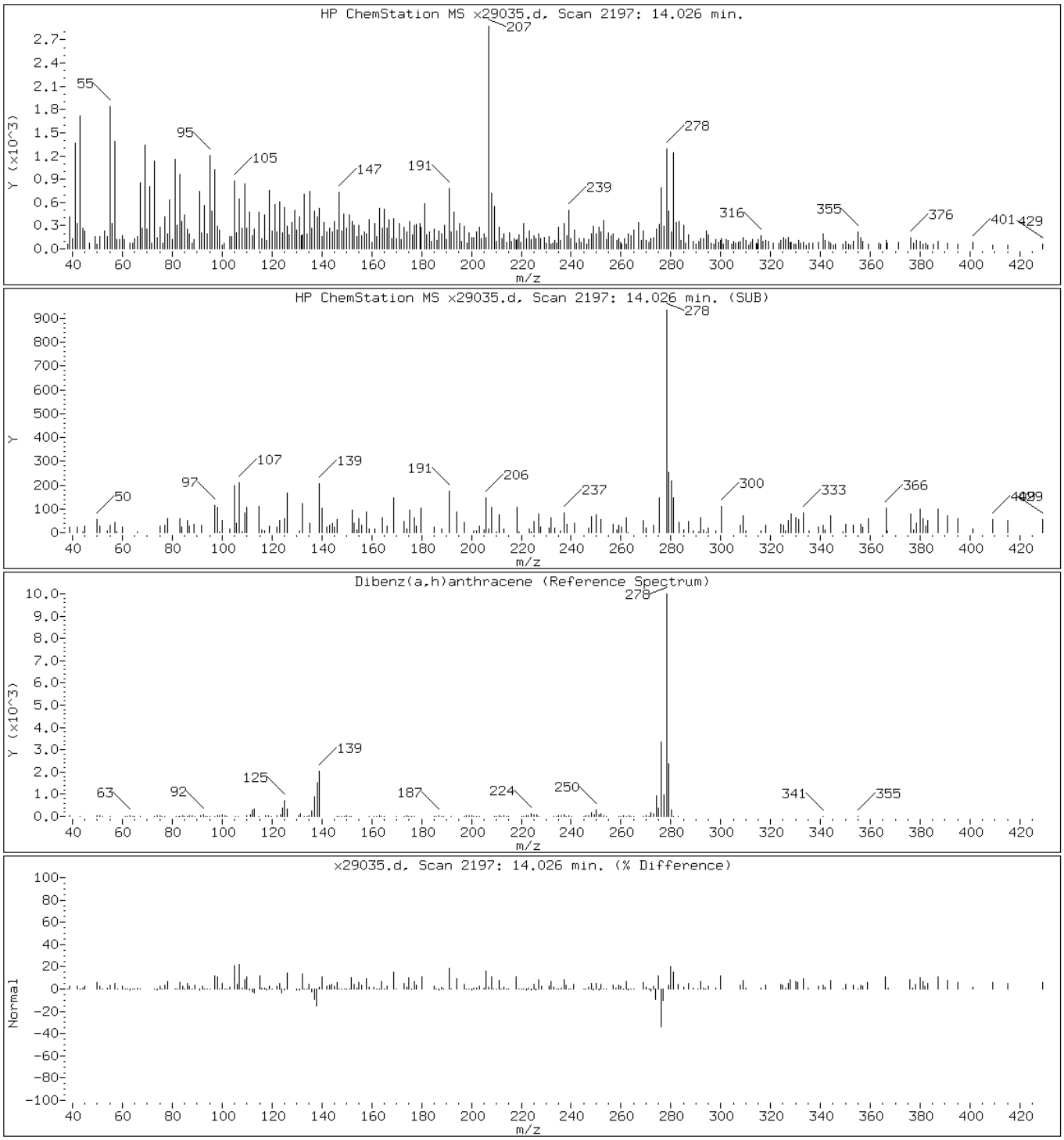
Data File: x29035.d

Date: 08-AUG-2012 01:14

Client ID: 20120731FD | Instrument: BNAMS5.i

Sample Info: 460-42971-E-16-D | Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Manual Integration Report

Data File: x29035.d
Inj. Date and Time: 08-AUG-2012 01:14
Instrument ID: BNAMS5.i
Client ID: 20120731FD
Compound: 63 bis(2-Ethylhexyl)phthalate
CAS #: 117-81-7
Report Date: 08/10/2012

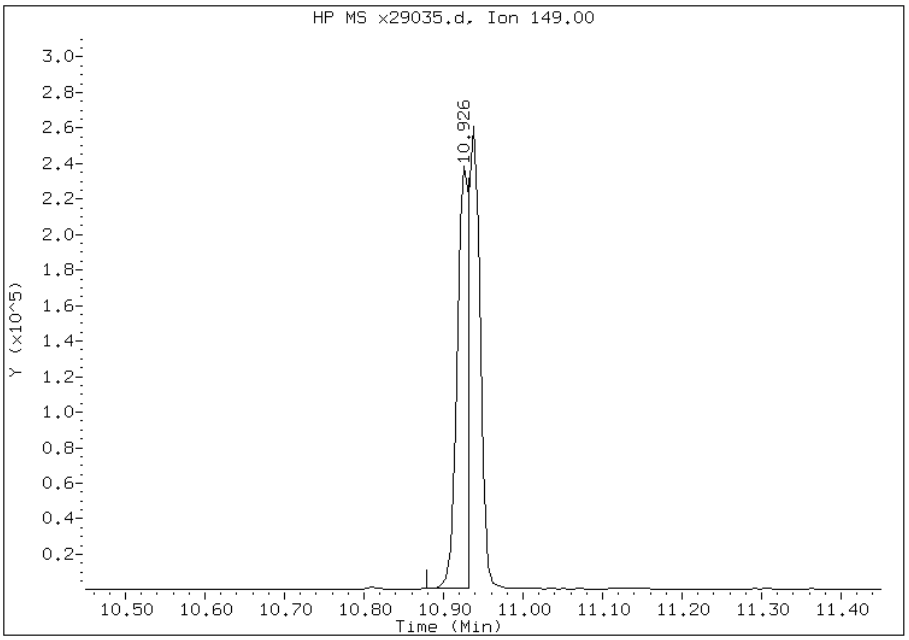
Processing Integration Results

RT: 10.93

Response: 277159

Amount: 34

Conc: 60470



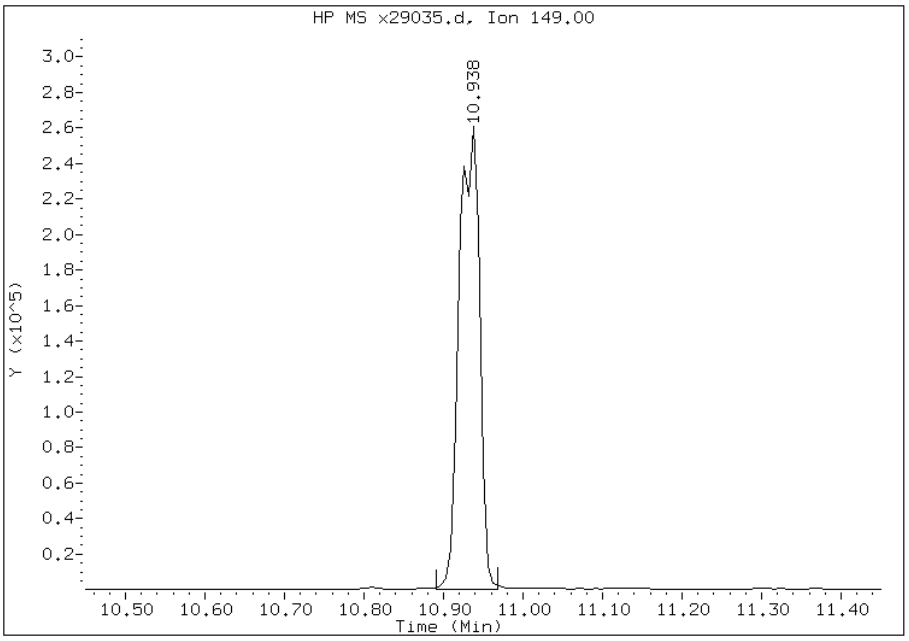
Manual Integration Results

RT: 10.94

Response: 473343

Amount: 58

Conc: 103273



Manually Integrated By: wahied
Manual Integration Reason:

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-121984/7	u78924.d
Level 2	IC 460-121984/6	u78923.d
Level 3	IC 460-121984/5	u78922.d
Level 4	ICIS 460-121984/2	u78919.d
Level 5	IC 460-121984/4	u78921.d
Level 6	IC 460-121984/3	u78920.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.5488 0.4672	0.5519	0.4853	0.4977	0.4715	Ave		0.5037				7.5		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1727	+++++	Ave		0.1727						15.0			
N-Nitrosodimethylamine	1.0726 1.0851	1.0106	1.0223	1.0449	1.0402	Ave		1.0460				2.7		15.0			
Pyridine	1.6526 1.7064	1.5093	1.5825	1.6482	1.6253	Ave		1.6207				4.2		15.0			
Benzaldehyde	1.1245 +++++	0.8802	0.6993	0.6572	0.3356	Ave		0.7394				39.4	*	15.0			
Phenol	2.0766 2.3197	1.8618	2.0185	2.0378	2.0115	Ave		2.0543				7.3		30.0			
Aniline	2.4886 2.3263	2.2601	2.1836	2.2099	2.1863	Ave		2.2758				5.2		15.0			
Bis(2-chloroethyl)ether	1.6872 1.7021	1.5000	1.4373	1.4184	1.4773	Ave		1.5370				8.2		15.0			
2-Chlorophenol	1.5482 1.8079	1.5220	1.5026	1.5291	1.5724	Ave		1.5804				7.2		15.0			
Decane	2.0015 1.4058	1.7555	1.7401	1.6468	1.5888	Ave		1.6897				11.7		15.0			
1,3-Dichlorobenzene	1.7541 1.4486	1.6816	1.4650	1.4310	1.4666	Ave		1.5412				9.0		15.0			
1,4-Dichlorobenzene	1.7705 1.4600	1.6727	1.5332	1.5890	1.4554	Ave		1.5801				7.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl alcohol	1.0258 1.1048	0.9106	0.9508	0.9722	1.0149	Ave		0.9965				6.8		15.0			
1,2-Dichlorobenzene	1.7073 1.4055	1.6041	1.4684	1.5148	1.4811	Ave		1.5302				7.1		15.0			
2-Methylphenol	1.3837 1.5502	1.2510	1.3494	1.3599	1.3353	Ave		1.3716				7.2		15.0			
2,2'-oxybis[1-chloropropane]	3.0515 2.7781	2.7915	2.6921	2.7290	2.7704	Ave		2.8021				4.6		15.0			
Acetophenone	1.8313 1.7057	1.8634	1.5710	1.4809	1.5427	Ave		1.6658				9.5		15.0			
3 & 4 Methylphenol	1.5306 1.5741	1.4901	1.3545	1.2777	1.3234	Ave		1.4250				8.6		15.0			
4-Methylphenol	1.5306 1.5741	1.4901	1.3545	1.2777	1.3234	Ave		1.4250				8.6		15.0			
N-Nitrosodi-n-propylamine	1.2769 1.2782	1.2519	1.1138	1.0881	1.1351	Ave		1.1907			0.0500	7.4		15.0			
Hexachloroethane	0.6039 0.5658	0.5875	0.6004	0.5909	0.5647	Ave		0.5855				2.9		15.0			
Nitrobenzene	0.5380 0.4509	0.5668	0.5384	0.5059	0.4492	Ave		0.5082				9.6		15.0			
n,n'-Dimethylaniline	1.8767 1.7567	2.0875	1.9470	1.8786	1.6996	Ave		1.8743				7.4		15.0			
Isophorone	0.8646 0.8009	0.8099	0.7991	0.7953	0.7693	Ave		0.8065				3.9		15.0			
2-Nitrophenol	0.2227 0.2473	0.2314	0.2355	0.2366	0.2180	Ave		0.2319				4.5		30.0			
2,4-Dimethylphenol	0.3373 0.3383	0.3234	0.3442	0.3471	0.3050	Ave		0.3325				4.7		15.0			
Bis(2-chloroethoxy)methane	0.4850 0.4203	0.4895	0.4550	0.4404	0.4102	Ave		0.4501				7.3		15.0			
Benzoic acid	0.2203 0.2561	0.2055	0.2583	0.1738	0.1937	QuaF		5.9816	-2.668						0.9913		0.9900
2,4-Dichlorophenol	0.2808 0.3010	0.3025	0.3131	0.3072	0.2879	Ave		0.2987				4.1		30.0			
1,2,4-Trichlorobenzene	0.2840 0.2508	0.2944	0.2732	0.2701	0.2524	Ave		0.2708				6.3		15.0			
Naphthalene	1.1182 0.8873	1.1156	1.0001	0.9589	0.8808	Ave		0.9935				10.6		15.0			
4-Chloroaniline	0.5084 0.4244	0.4808	0.4737	0.4449	0.4102	Ave		0.4571				8.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1459 0.1305	0.1559	0.1530	0.1440	0.1351	Ave		0.1441				6.8		30.0			
Caprolactam	0.1312 0.1119	0.1334	0.1023	0.1145	0.1055	Ave		0.1165				11.2		15.0			
4-Chloro-3-methylphenol	0.2912 0.3034	0.2796	0.3023	0.2819	0.2694	Ave		0.2880				4.7		30.0			
2-Methylnaphthalene	0.7162 0.5753	0.7260	0.6747	0.6407	0.5945	Ave		0.6545				9.5		15.0			
1-Methylnaphthalene	0.7673 0.6280	0.7291	0.7300	0.6594	0.6257	Ave		0.6899				8.7		15.0			
Hexachlorocyclopentadiene	0.3246 0.2537	0.2756	0.2804	0.2889	0.2721	Ave		0.2825			0.0500	8.4		15.0			
1,2,4,5-Tetrachlorobenzene	0.6207 0.4517	0.5571	0.5663	0.5084	0.4518	Ave		0.5260				12.9		30.0			
2-tertbutyl-4-methylphenol	0.4741 0.4344	0.4540	0.4900	0.4197	0.3979	Ave		0.4450				7.7		15.0			
2,4,6-Trichlorophenol	0.3674 0.3612	0.3556	0.3627	0.3633	0.3224	Ave		0.3554				4.7		30.0			
2,4,5-Trichlorophenol	0.3866 0.3723	0.3934	0.3938	0.3855	0.3505	Ave		0.3803				4.4		15.0			
Diphenyl	1.5822 1.1570	1.6130	1.5106	1.4894	1.2747	Ave		1.4378				12.6		15.0			
2-Chloronaphthalene	1.2633 0.9685	1.2222	1.1878	1.1349	1.0249	Ave		1.1336				10.2		15.0			
Diphenyl ether	0.8186 0.6021	0.7664	0.7499	0.7249	0.6748	Ave		0.7228				10.5		15.0			
2-Nitroaniline	0.4694 0.4124	0.4840	0.4805	0.4748	0.4528	Ave		0.4623				5.8		15.0			
Dimethylnaphthalene, total	1.0346 0.8303	0.9843	1.0151	0.9581	0.8284	Ave		0.9418				9.7		15.0			
Dimethyl phthalate	1.4455 1.1246	1.3955	1.2586	1.2407	1.1942	Ave		1.2765				9.5		15.0			
Coumarin	0.3248 0.2759	0.2916	0.3114	0.2624	0.2567	Ave		0.2871				9.5		15.0			
2,6-Dinitrotoluene	0.2993 0.3072	0.3169	0.3107	0.3342	0.3085	Ave		0.3128				3.8		15.0			
Acenaphthylene	2.2178 1.5810	2.0526	1.8923	1.8979	1.7142	Ave		1.8926				12.1		15.0			
3-Nitroaniline	0.4410 0.3931	0.4346	0.4135	0.4229	0.3981	Ave		0.4172				4.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3,5-di-tert-butyl-4-hydroxytol	0.7374 0.5551	0.7460	0.7507	0.6690	0.5877	Ave		0.6743				12.7		15.0			
Acenaphthene	1.2896 0.8517	1.1784	1.1081	1.0050	0.9067	QuaF		0.8444	0.1312						0.9997		0.9900
2,4-Dinitrophenol	0.1226 0.1756	0.1410	0.1357	0.1727	0.1769	LinF		0.1737							0.9903		0.9900
4-Nitrophenol	0.2669 0.2685	0.2836	0.2620	0.2773	0.2619	Ave		0.2700			0.0500	3.2		15.0			
2,4-Dinitrotoluene	0.4362 0.3434	0.4335	0.4102	0.4200	0.3739	Ave		0.4029				9.1		15.0			
Dibenzofuran	1.6976 1.2489	1.6701	1.5861	1.5215	1.3210	Ave		1.5075				12.3		15.0			
2,3,4,6-Tetrachlorophenol	0.3320 0.2838	0.3053	0.3433	0.3190	0.2937	Ave		0.3129				7.3		30.0			
Diethyl phthalate	1.4636 1.1976	1.4032	1.3056	1.3044	1.1691	Ave		1.3072				8.7		15.0			
4-Chlorophenyl phenyl ether	0.5788 0.3751	0.5372	0.5180	0.4817	0.3941	QuaF		1.7077	0.8731						0.9965		0.9900
Fluorene	1.3477 0.8932	1.2838	1.1786	1.1019	0.9841	QuaF		0.7189	0.1493						0.9998		0.9900
4-Nitroaniline	0.4706 0.3651	0.4840	0.4393	0.4348	0.3845	Ave		0.4297				10.9		15.0			
4,6-Dinitro-2-methylphenol	0.1512 0.1758	0.1540	0.1512	0.1639	0.1720	Ave		0.1614				6.7		15.0			
N-Nitrosodiphenylamine	0.6995 0.5707	0.6716	0.5933	0.5953	0.6348	Ave		0.6275				8.0		30.0			
1,2-Diphenylhydrazine	1.3356 1.1698	1.4788	1.3004	1.3174	1.3139	Ave		1.3193				7.5		15.0			
4-Bromophenyl phenyl ether	0.2724 0.2098	0.2706	0.2314	0.2362	0.2317	Ave		0.2420				10.2		15.0			
Hexachlorobenzene	0.2733 0.2200	0.2718	0.2528	0.2609	0.2386	Ave		0.2529				8.2		15.0			
Atrazine	0.2259 0.1795	0.2152	0.1794	0.1951	0.1969	Ave		0.1987				9.5		15.0			
Pentachlorophenol	0.1842 0.1809	0.1870	0.1769	0.1985	0.1862	Ave		0.1856				3.9		30.0			
Pentachloronitrobenzene	0.1051 0.0880	0.0964	0.0967	0.0921	0.0932	Ave		0.0953				6.1					
n-Octadecane	0.8324 0.6160	0.7689	0.7324	0.7161	0.6593	Ave		0.7208				10.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.3164 0.9812	1.2339	1.0769	1.1299	1.0502	Ave		1.1314				11.0		15.0			
Anthracene	1.3443 0.9695	1.2811	1.1298	1.1530	1.0419	Ave		1.1533				12.2		15.0			
Carbazole	1.3397 0.9790	1.2676	1.1306	1.1377	1.0415	Ave		1.1493				11.8		15.0			
Di-n-butyl phthalate	1.8913 1.4016	1.8487	1.4911	1.6329	1.5393	Ave		1.6342				12.1		15.0			
Fluoranthene	1.3063 0.9550	1.2412	1.0528	1.1518	1.0178	Ave		1.1208				12.1		30.0			
Benzidine	0.5322 +++++	0.6169	0.3662	0.3267	0.1400	Ave		0.3964				47.0	*	15.0			
Pyrene	1.4811 1.4067	1.3548	1.3905	1.4567	1.3650	Ave		1.4091				3.6		15.0			
Butyl benzyl phthalate	0.8836 0.8637	0.8423	0.7983	0.8329	0.8623	Ave		0.8472				3.5		15.0			
Carbamazepine	0.4575 0.4818	0.4566	0.4877	0.4803	0.4531	Ave		0.4695				3.3		15.0			
3,3'-Dichlorobenzidine	0.4910 0.3171	0.4752	0.4288	0.4109	0.3384	QuaF		1.8663	1.3858						0.9968		0.9900
Benzo[a]anthracene	1.4374 1.0670	1.1902	1.1231	1.1596	1.0868	Ave		1.1773				11.5		15.0			
Bis(2-ethylhexyl) phthalate	1.2161 1.0388	1.1645	1.1076	1.0708	1.0157	Ave		1.1022				7.0		15.0			
Chrysene	1.1738 0.9560	1.1011	1.0828	1.0178	0.9598	Ave		1.0486				8.2		15.0			
Di-n-octyl phthalate	2.2397 2.0232	2.2883	2.0625	2.0975	2.0800	Ave		2.1319				5.0		30.0			
Benzo[b]fluoranthene	1.1513 1.2300	1.2241	1.2095	1.1618	1.2405	Ave		1.2029				3.1		15.0			
Benzo[k]fluoranthene	1.2850 1.1426	1.3958	1.2684	1.2896	1.2411	Ave		1.2704				6.4		15.0			
Benzo[a]pyrene	1.0171 0.9501	1.0842	1.0194	1.0047	0.9841	Ave		1.0100				4.4		30.0			
Indeno[1,2,3-cd]pyrene	0.7205 0.9405	0.8784	0.8820	0.9206	0.9484	Ave		0.8817				9.5		15.0			
Dibenz(a,h)anthracene	0.6052 0.8260	0.8240	0.8601	0.8681	0.8366	Ave		0.8033				12.3		15.0			
Benzo[g,h,i]perylene	0.8468 0.8916	0.8950	0.9006	0.8841	0.8907	Ave		0.8848				2.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.2983 1.6342	1.2814	1.3106	1.3710	1.3656	Ave		1.3769				9.5		15.0			
Phenol-d5	1.9278 2.1140	1.8226	1.8670	1.9415	1.9450	Ave		1.9363				5.1		15.0			
Nitrobenzene-d5	0.4037 0.4090	0.4274	0.4287	0.4091	0.3804	Ave		0.4097				4.3		15.0			
2-Fluorobiphenyl	1.2579 1.1091	1.2449	1.2469	1.1717	1.0886	Ave		1.1865				6.3		15.0			
2,4,6-Tribromophenol	0.1926 0.1725	0.1915	0.1894	0.1928	0.1849	Ave		0.1873				4.2		15.0			
Terphenyl-d14	1.0738 1.0523	1.1238	1.1084	1.0889	1.0458	Ave		1.0822				2.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-121984/7	u78924.d
Level 2	IC 460-121984/6	u78923.d
Level 3	IC 460-121984/5	u78922.d
Level 4	ICIS 460-121984/2	u78919.d
Level 5	IC 460-121984/4	u78921.d
Level 6	IC 460-121984/3	u78920.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	17722 340702	34963	65009	169989	251885	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1192	+++++	+++++ +++++	+++++	+++++	0.500	+++++
N-Nitrosodimethylamine	DCB	Ave	34636 791334	64024	136930	356878	555720	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	53364 1244420	95614	211963	562895	868262	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	36311 +++++	55760	93668	224438	179306	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	67055 1691659	117947	270367	695986	1074604	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	80359 1696470	143177	292479	754736	1167979	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	5448 1241283	95025	192511	484425	789220	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	49991 1318401	96423	201260	522248	840010	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	64629 1025166	111216	233071	562416	848791	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	56641 1056420	106531	196224	488738	783516	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	57171 1064699	105968	205361	542705	777500	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	33123 805699	57686	127360	332023	542186	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCB	Ave	55130 1024935	101620	196687	517343	791218	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	44681 1130510	79251	180739	464458	713329	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	98535 2025950	176847	360592	932025	1479998	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	59134 1243913	118049	210420	505774	824127	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	49422 1147889	94402	181420	436357	706973	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	49422 1147889	94402	181420	436357	706973	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4123 932153	79308	149186	371632	606384	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	1950 412584	37222	80425	201812	301685	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	6991 1401150	136629	269005	676092	1005562	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	6060 1281054	132243	260793	641585	907985	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	112356 2488802	195214	399288	1062924	1722079	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	28936 768590	55782	117684	316199	488009	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	43826 1051133	77962	171957	463857	682821	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	63032 1306020	117982	227333	588602	918325	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	28623 795761	49523	129040	232333	433545	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	36488 935260	72909	156436	410593	644475	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3690 779203	70968	136529	361013	565125	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	145310 2757089	268894	499724	1281506	1971783	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	66066 1318725	115902	236689	594545	918297	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	3791 405601	37573	76442	192462	302455	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	17047 347599	32143	51128	153034	236202	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	37838 942906	67399	151041	376796	603062	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	93070 1787509	174985	337094	856295	1330791	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	99704 1951465	175746	364724	881293	1400690	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	22300 436544	35716	73843	193571	312313	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	42640 777357	72206	149140	340661	518492	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	61615 1349877	109429	244839	560966	890837	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	25237 621575	46083	95508	243438	370005	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	26561 640629	50994	103701	258300	402197	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	108695 1991094	209058	397799	998009	1462879	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	86784 1666801	158414	312801	760420	1176217	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	56238 1036186	99337	197494	485724	774361	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	64488 709707	62736	126547	318112	519627	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	71072 1428808	127568	267319	642001	950660	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	99302 1935351	180863	331435	831334	1370447	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	42211 857425	70298	155576	350734	574545	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	4112 528726	41074	81813	223949	354020	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	152355 2720724	266035	498324	1271706	1967171	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	60591 676425	56323	108900	283365	456818	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	50660 955240	96692	197691	448282	674399	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	QuaF	88593 1465794	152731	291808	673435	1040541	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	LinF	25259 302163	36549	53613	115691	203009	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Nitrophenol	ANT	Ave	55015 462039	73505	103506	185790	300590	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	5993 590932	56188	108031	281440	429071	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	116620 2149328	216458	417683	1019492	1515951	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	22811 488396	39576	90400	213732	337059	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	100546 2061007	181871	343828	874001	1341598	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	QuaF	39765 645563	69626	136425	322757	452260	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	QuaF	92587 1537123	166387	310373	738352	1129307	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	64657 628294	62731	115700	291315	441221	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	43276 407643	54813	85488	151326	259336	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	66717 1323219	119521	223595	549672	957173	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	127396 2712257	263187	490050	1216413	1981084	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	25984 486379	48168	87209	218108	349339	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2607 510045	48372	95258	240879	359797	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	21549 416268	38308	67591	180098	296909	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	52708 419451	66570	99992	183245	280675	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	10020 204011	17164	36455	85055	140486	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	79396 1428112	136836	275994	661214	994006	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	125563 2274860	219601	405836	1043294	1583375	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	128222 2247742	227999	425743	1064555	1570995	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	127782 2269737	225593	426070	1050471	1570281	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	180394 3249679	329022	561921	1507680	2320951	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	124600 2214221	220902	396742	1063456	1534663	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	50764 +++++	219576	206992	301647	211029	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	124919 2187815	214948	400553	1005583	1498390	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	74521 1343311	133633	229957	574997	946501	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	38582 749326	72439	140482	331550	497345	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	82823 493190	150782	185294	283628	371449	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	12123 1659426	188839	323527	800531	1192998	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	102563 1615649	184754	319074	739177	1114992	5.00 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	98995 1486891	174698	311933	702634	1053622	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	149759 2603511	294456	488359	1205070	1872360	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	7698 1582776	157511	286386	667456	1116693	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	8592 1470344	179602	300333	740890	1117229	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	6801 1222607	139518	241385	577219	885876	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	4818 1210266	113031	208833	528907	853768	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	4047 1062842	106033	203647	498740	753055	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	56620 1147274	115168	213241	507953	801790	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	41923 1191740	81180	175542	468245	729562	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	62250 1541665	115466	250067	663076	1039043	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	52459 1270859	103023	214195	546684	851633	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	86417 1908663	161344	328379	785097	1249246	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	13230 296851	24824	49884	129184	212225	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 121984

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2012 08:56 Calibration End Date: 07/31/2012 10:45 Calibration ID: 16584

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	90566 1636615	178302	319308	751682	1147990	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-120552/6	x28359.d
Level 2	IC 460-120552/5	x28358.d
Level 3	IC 460-120552/4	x28357.d
Level 4	ICIS 460-120552/2	x28354.d
Level 5	IC 460-120552/7	x28360.d
Level 6	IC 460-120552/3	x28355.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.5950 0.5810	0.5990	0.5807	0.5524	0.5520	Ave		0.5767				3.5		15.0			
N-Nitrosodimethylamine	0.7905 0.7813	0.8197	0.7815	0.7509	0.7629	Ave		0.7811				3.0		15.0			
Pyridine	1.4582 1.3617	1.4551	1.3755	1.3248	1.3112	Ave		1.3811				4.6		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.2371	+++++	Ave		0.2371						15.0			
Benzaldehyde	0.9289 +++++	0.7254	0.6095	0.3838	0.1976	Ave		0.5691				50.3	*	15.0			
Aniline	2.1281 +++++	2.0308	1.8781	1.6931	1.6457	Ave		1.8751				11.1		15.0			
Phenol	1.9534 1.5521	1.8995	1.8674	1.5769	1.4798	Ave		1.7215				12.0		30.0			
Bis(2-chloroethyl)ether	1.5715 1.7287	1.3837	1.3240	1.2445	1.2459	QuaF		0.9366	-0.068						0.9975		0.9900
2-Chlorophenol	1.6464 1.3077	1.5803	1.6186	1.4120	1.3162	Ave		1.4802				10.4		15.0			
Decane	1.4702 1.1689	1.3688	1.4054	1.2545	1.1234	Ave		1.2985				10.6		15.0			
1,3-Dichlorobenzene	1.8185 1.5835	1.7845	1.7045	1.6403	1.5388	Ave		1.6783				6.6		15.0			
1,4-Dichlorobenzene	1.8327 1.5549	1.7793	1.6808	1.6098	1.5280	Ave		1.6642				7.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl alcohol	0.8292 0.7285	0.8258	0.8557	0.7061	0.7512	Ave		0.7828				7.9		15.0			
1,2-Dichlorobenzene	1.7426 1.3941	1.6739	1.5718	1.4792	1.3834	Ave		1.5409				9.6		15.0			
2,2'-oxybis[1-chloropropane]	1.6415 1.2112	1.5711	1.4569	1.3076	1.2394	Ave		1.4046				12.8		15.0			
2-Methylphenol	1.3152 1.0011	1.2774	1.2552	1.0985	1.0225	Ave		1.1616				11.9		15.0			
Acetophenone	1.8823 1.4161	1.8420	1.7130	1.5518	1.4960	Ave		1.6502				11.6		15.0			
N-Nitrosodi-n-propylamine	0.9845 0.7342	0.9224	0.8860	0.7698	0.7789	Ave		0.8460			0.0500	11.8		15.0			
3 & 4 Methylphenol	1.3871 1.0202	1.3084	1.3296	1.0422	0.9987	QuaF		0.9005	0.0297						0.9970		0.9900
4-Methylphenol	1.3082 1.0095	1.2792	1.3060	1.0422	0.9987	Ave		1.1573				13.4		15.0			
Hexachloroethane	0.6798 0.5660	0.6660	0.6213	0.6024	0.5768	Ave		0.6187				7.5		15.0			
Nitrobenzene	0.5689 0.4150	0.5301	0.4999	0.4723	0.4227	Ave		0.4848				12.5		15.0			
n,n'-Dimethylaniline	2.2536 1.6962	2.2041	2.0699	1.8674	1.7774	Ave		1.9781				11.7		15.0			
Isophorone	0.6770 0.5587	0.6475	0.6233	0.5750	0.5602	Ave		0.6069				8.2		15.0			
2-Nitrophenol	0.2211 0.2103	0.2176	0.2245	0.2130	0.1965	Ave		0.2138				4.6		30.0			
2,4-Dimethylphenol	0.3513 0.2871	0.3394	0.3406	0.3106	0.2791	Ave		0.3180				9.5		15.0			
Bis(2-chloroethoxy)methane	0.4140 0.3424	0.3931	0.3795	0.3595	0.3458	Ave		0.3724				7.6		15.0			
Benzoic acid	0.1734 0.1846	0.1778	0.1963	0.1735	0.1648	Ave		0.1784				6.1		15.0			
2,4-Dichlorophenol	0.3086 0.2560	0.3044	0.3085	0.2753	0.2522	Ave		0.2842				9.3		30.0			
1,2,4-Trichlorobenzene	0.3660 0.3030	0.3490	0.3363	0.3175	0.2977	Ave		0.3283				8.2		15.0			
Naphthalene	1.1952 0.9449	1.1442	1.0947	1.0249	0.9428	Ave		1.0578				9.9		15.0			
4-Chloroaniline	0.4544 0.3342	0.4299	0.4062	0.3706	0.3455	Ave		0.3901				12.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.2150 0.1782	0.2045	0.1928	0.1830	0.1720	Ave		0.1909				8.6		30.0			
Caprolactam	0.0895 0.0786	0.0879	0.0890	0.0885	0.0829	Ave		0.0861				5.1		15.0			
4-Chloro-3-methylphenol	0.2933 0.2460	0.2880	0.2908	0.2586	0.2492	Ave		0.2710				8.1		30.0			
2-Methylnaphthalene	0.7478 0.5951	0.7209	0.6771	0.6329	0.5968	Ave		0.6618				9.7		15.0			
1-Methylnaphthalene	0.7709 0.6163	0.6990	0.7347	0.6379	0.5942	Ave		0.6755				10.4		15.0			
Hexachlorocyclopentadiene	0.3190 0.3555	0.2992	0.3154	0.3366	0.3626	Ave		0.3314			0.0500	7.4		15.0			
1,2,4,5-Tetrachlorobenzene	0.6840 0.6303	0.6663	0.6560	0.6127	0.5961	Ave		0.6409				5.2		30.0			
2-tertbutyl-4-methylphenol	0.5217 0.4077	0.4810	0.4885	0.4180	0.3962	Ave		0.4522				11.4		15.0			
2,4,6-Trichlorophenol	0.4030 0.3728	0.3979	0.4075	0.3753	0.3730	Ave		0.3882				4.2		30.0			
2,4,5-Trichlorophenol	0.4240 0.3671	0.4106	0.4227	0.3952	0.3723	Ave		0.3986				6.2		15.0			
Diphenyl	1.7052 1.4194	1.7146	1.6237	1.5327	1.4544	Ave		1.5750				8.0		15.0			
2-Chloronaphthalene	1.3426 1.0898	1.3358	1.2366	1.1898	1.1353	Ave		1.2216				8.5		15.0			
Diphenyl ether	0.9489 0.7943	0.9204	0.8795	0.8449	0.8203	Ave		0.8680				6.8		15.0			
2-Nitroaniline	0.3455 0.2709	0.3575	0.3256	0.3202	0.2954	Ave		0.3192				10.0		15.0			
Dimethylnaphthalene, total	1.1265 0.9768	1.0722	1.0891	1.0061	0.9501	Ave		1.0368				6.7		15.0			
Dimethyl phthalate	1.3862 1.0958	1.3260	1.2391	1.1940	1.1207	Ave		1.2270				9.3		15.0			
Coumarin	0.2311 0.1707	0.2026	0.2113	0.1927	0.1680	Ave		0.1960				12.4		15.0			
2,6-Dinitrotoluene	0.2973 0.2662	0.3090	0.2935	0.2958	0.2749	Ave		0.2895				5.5		15.0			
Acenaphthylene	2.1087 1.6822	1.9997	1.8770	1.8188	1.7245	Ave		1.8685				8.7		15.0			
3-Nitroaniline	0.3346 0.2472	0.3164	0.3034	0.2986	0.2659	Ave		0.2944				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acenaphthene	1.2178 0.9402	1.1868	1.0997	1.0399	0.9666	Ave		1.0752				10.6		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.1139 0.9097	1.0987	1.1068	0.9848	0.9321	Ave		1.0243				9.1		15.0			
2,4-Dinitrophenol	0.1226 0.1465	0.1246	0.1427	0.1573	0.1462	Ave		0.1400			0.0500	9.7		15.0			
4-Nitrophenol	0.1984 0.1806	0.1931	0.1744	0.1867	0.1733	Ave		0.1844			0.0500	5.5		15.0			
2,4-Dinitrotoluene	0.3801 0.2992	0.3764	0.3570	0.3538	0.3155	Ave		0.3470				9.5		15.0			
Dibenzofuran	1.7401 1.3783	1.7225	1.6004	1.5190	1.4341	Ave		1.5657				9.5		15.0			
2,3,4,6-Tetrachlorophenol	0.2983 0.2408	0.2752	0.2854	0.2705	0.2465	Ave		0.2695				8.2		30.0			
Diethyl phthalate	1.3166 1.0368	1.2438	1.1714	1.1595	1.0826	Ave		1.1685				8.8		15.0			
Fluorene	1.4048 1.1019	1.3684	1.2767	1.2164	1.1215	Ave		1.2483				10.0		15.0			
4-Chlorophenyl phenyl ether	0.6924 0.5091	0.6442	0.5877	0.5496	0.5247	Ave		0.5846				12.3		15.0			
4-Nitroaniline	0.2902 0.1847	0.2770	0.2789	0.2553	0.2126	QuaF		2.5142	5.1595						0.9983		0.9900
4,6-Dinitro-2-methylphenol	0.1401 0.1490	0.1414	0.1464	0.1474	0.1492	Ave		0.1456				2.7		15.0			
N-Nitrosodiphenylamine	0.6834 0.6192	0.6635	0.6544	0.5999	0.6203	Ave		0.6401				5.0		30.0			
1,2-Diphenylhydrazine	0.9587 1.0422	1.1047	1.0417	0.9649	0.9698	Ave		1.0137				5.8		15.0			
4-Bromophenyl phenyl ether	0.2836 0.2532	0.2773	0.2590	0.2368	0.2428	Ave		0.2588				7.2		15.0			
Hexachlorobenzene	0.3169 0.2576	0.2930	0.2793	0.2614	0.2573	Ave		0.2776				8.6		15.0			
Atrazine	0.2315 0.1941	0.2325	0.2185	0.2117	0.2019	Ave		0.2150				7.2		15.0			
Pentachlorophenol	0.1517 0.1561	0.1562	0.1610	0.1579	0.1511	Ave		0.1557				2.4		30.0			
Pentachloronitrobenzene	0.1259 0.0975	0.1119	0.1111	0.1015	0.0997	Ave		0.1079				9.9					
n-Octadecane	0.5406 0.5001	0.5182	0.5322	0.4534	0.4711	Ave		0.5026				6.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.2722 1.0537	1.2316	1.1732	1.1149	1.0629	Ave		1.1514				7.8		15.0			
Anthracene	1.2702 1.0791	1.2473	1.1946	1.1289	1.0905	Ave		1.1684				6.9		15.0			
Carbazole	1.1074 0.8587	1.0608	1.0233	0.9559	0.8940	Ave		0.9834				9.9		15.0			
Di-n-butyl phthalate	1.3556 1.1567	1.3246	1.2969	1.2214	1.1745	Ave		1.2549				6.6		15.0			
Fluoranthene	1.1483 0.9198	1.1111	1.0934	1.0503	0.9512	Ave		1.0457				8.8		30.0			
Benzidine	0.2867 +++++	0.3381	0.2585	0.0752	0.0284	Ave		0.1974				69.4	*	15.0			
Pyrene	1.8292 1.6515	1.8399	1.6439	1.6443	1.6873	Ave		1.7160				5.4		15.0			
Butyl benzyl phthalate	0.6873 0.7117	0.7229	0.7006	0.6987	0.7243	Ave		0.7076				2.1		15.0			
Carbamazepine	0.3855 0.5223	0.4268	0.4984	0.5060	0.4964	Ave		0.4726				11.4		15.0			
3,3'-Dichlorobenzidine	0.4332 0.2898	0.4108	0.3962	0.3336	0.2867	QuaF		2.5252	1.1442						0.9915		0.9900
Benzo[a]anthracene	1.5045 1.1571	1.2548	1.1906	1.1696	1.1329	Ave		1.2349				11.2		15.0			
Chrysene	1.2467 1.0206	1.2173	1.1848	1.1388	1.0909	Ave		1.1498				7.3		15.0			
Bis(2-ethylhexyl) phthalate	0.9099 0.9481	0.9364	0.9482	0.9517	0.9629	Ave		0.9429				1.9		15.0			
Di-n-octyl phthalate	1.5221 1.8229	1.6286	1.9092	1.9620	1.9890	Ave		1.8056				10.5		30.0			
Benzo[b]fluoranthene	1.0882 1.2378	1.2983	1.2855	1.2329	1.2446	Ave		1.2312				6.1		15.0			
Benzo[k]fluoranthene	1.3032 1.1892	1.3289	1.3738	1.3641	1.2863	Ave		1.3076				5.1		15.0			
Benzo[a]pyrene	0.8329 0.9720	0.9775	0.9996	0.9836	0.9706	Ave		0.9560				6.4		30.0			
Indeno[1,2,3-cd]pyrene	0.4987 0.9062	0.7384	0.7096	0.7814	0.8075	QuaF		1.4111	-0.113						0.9999		0.9900
Dibenz(a,h)anthracene	0.5457 0.8864	0.7884	0.7545	0.7899	0.8135	QuaF		1.3625	-0.088						0.9999		0.9900
Benzo[g,h,i]perylene	0.6638 0.8927	0.7594	0.7103	0.7668	0.8131	Ave		0.7677				10.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.4651 1.2884	1.4744	1.4499	1.3078	1.2475	Ave		1.3722				7.4		15.0			
Phenol-d5	1.6787 1.3676	1.7096	1.6438	1.4163	1.3396	Ave		1.5259				11.1		15.0			
Nitrobenzene-d5	0.4046 0.3650	0.4031	0.4088	0.3849	0.3638	Ave		0.3884				5.2		15.0			
2-Fluorobiphenyl	1.5373 1.3757	1.5560	1.5035	1.4231	1.3594	Ave		1.4592				5.8		15.0			
2,4,6-Tribromophenol	0.2093 0.1721	0.2024	0.2013	0.1880	0.1679	Ave		0.1902				9.0		15.0			
Terphenyl-d14	1.2823 1.2451	1.3350	1.2222	1.1819	1.2308	Ave		1.2496				4.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-120552/6	x28359.d
Level 2	IC 460-120552/5	x28358.d
Level 3	IC 460-120552/4	x28357.d
Level 4	ICIS 460-120552/2	x28354.d
Level 5	IC 460-120552/7	x28360.d
Level 6	IC 460-120552/3	x28355.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	26989 501765	49418	93693	203498	336263	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	35859 674713	67629	126091	276597	464745	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	66150 1176011	120057	221938	487994	798684	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1190	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	42139 +++++	59854	98342	141359	120394	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	96537 +++++	167554	303016	623660	1002484	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	88612 1340400	156720	301293	580873	901395	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	7129 1492978	114162	213617	458443	758947	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	74686 1129391	130386	261158	520118	801755	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	66694 1009515	112933	226753	462125	684343	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	82494 1367533	147234	275013	604212	937374	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	83135 1342850	146808	271196	592979	930768	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	37617 629156	68135	138065	260097	457565	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCB	Ave	79052 1203973	138109	253611	544884	842719	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	74465 1046057	129626	235071	481651	754989	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	59660 864550	105397	202519	404629	622871	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	85385 1222973	151976	276384	571609	911262	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4466 634064	76102	142948	283569	474451	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	62923 881045	107955	214519	383897	608336	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	59346 871787	105543	210719	383897	608336	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	3084 488805	54949	100238	221909	351375	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	9484 1228013	159080	290057	602975	931520	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	10223 1464839	181856	333969	687877	1082670	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	112843 1653246	194340	361650	734087	1234388	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	36850 622360	65300	130245	271941	432956	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	58554 849688	101854	197637	396476	615128	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	69004 1013347	117982	220191	458953	762036	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	28898 546276	53348	113880	221529	363173	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	51438 757584	91347	179025	351441	555801	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	6101 896778	104742	195122	405282	656013	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	199236 2796054	343381	635189	1308372	2077597	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	75753 989023	129016	235687	473055	761300	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	7168 527354	61360	111850	233566	378917	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	14913 232726	26369	51668	113032	182676	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	48899 728040	86429	168728	330173	549047	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	124650 1761108	216359	392878	807933	1315011	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	128502 1823647	209785	426322	814337	1309333	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	26835 479788	43178	88300	196282	360110	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	57539 850782	96167	183629	357313	592045	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	86968 1206437	144359	283430	533597	872971	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	33895 503239	57424	114082	218839	370481	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	35663 495492	59258	118318	230463	369742	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	143434 1915821	247455	454536	893802	1444525	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	112931 1470916	192780	346168	693825	1127618	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	79820 1072070	132831	246205	492690	814762	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	58117 365614	51590	91153	186752	293430	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	94753 1318344	154737	304871	586706	943644	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	116602 1479074	191378	346888	696268	1113076	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	38522 505186	60803	122585	245945	370125	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	5002 359343	44601	82162	172495	273067	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	177372 2270531	288606	525457	1060599	1712780	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	56283 333697	45661	84946	174135	264139	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	102437 1268937	171281	307858	606439	960084	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	93699 1227893	158563	309827	574270	925800	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	Ave	30930 197740	35973	59942	91741	145233	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Nitrophenol	ANT	Ave	50070 243799	55748	73239	108874	172083	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	6395 403865	54325	99933	206338	313328	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	146375 1860307	248588	448033	885802	1424400	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	25089 325017	39721	79906	157751	244799	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	110745 1399369	179514	327920	676187	1075269	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	118168 1487264	197485	357405	709368	1113854	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	58238 687088	92969	164528	320495	521103	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	QuaF	48823 249307	39979	78070	148901	211176	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	47816 237071	53461	81013	117696	184110	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	77765 984973	125472	241484	478866	765673	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	109091 1657919	208895	384407	770212	1197122	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	32269 402775	52445	95573	189002	299757	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	3606 409810	55412	103053	208675	317569	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	26338 308824	43972	80614	168957	249216	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	51799 248254	59082	89115	126002	186515	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	14323 155055	21152	41001	80979	123093	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	61516 795496	97983	196377	361874	581494	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	144756 1676134	232890	432946	889957	1312008	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	144531 1716517	235855	440852	901090	1346081	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	126009 1365923	200599	377637	763004	1103477	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	154250 1840022	250479	478571	974905	1449721	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	130659 1463244	210108	403487	838350	1174117	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	32617 +++++	127863	143097	60022	35041	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	130169 1413220	204963	406988	825414	1137784	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	48909 609002	80533	173463	350753	488419	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	27434 446912	47543	123389	253986	334735	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	61654 247948	91525	147147	167445	193349	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	10706 990131	139786	294775	587111	763907	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	88718 873351	135600	293319	571638	735598	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	64751 811308	104308	234761	477719	649266	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	79515 1191657	136347	327071	691687	909765	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	5685 809182	108694	220220	434631	569289	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	6808 777418	111251	235361	480895	588373	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	4351 635418	81835	171244	346763	443955	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	2605 592397	61815	121571	275481	369373	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	2851 579415	66001	129256	278478	372098	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	34680 583559	63577	121686	270330	371903	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	66463 1112651	121646	233938	481751	759905	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	76149 1181086	141057	265215	521724	816039	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	67449 1080254	120976	237222	491390	801593	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	129313 1856800	224570	420902	829860	1350149	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	17607 232276	29211	56350	109648	166759	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 120552

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/19/2012 02:12 Calibration End Date: 07/19/2012 05:37 Calibration ID: 16465

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	91252 1065434	148717	302597	593278	829966	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122921/2 Calibration Date: 08/06/2012 13:41

Instrument ID: BNAMS4 Calib Start Date: 07/31/2012 08:56

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/31/2012 10:45

Lab File ID: uu79120.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD (Screen)	Ave	0.1727	0.0000		1.00	500	-100.0*	20.0
1,4-Dioxane	Ave	0.5037	0.4745		47100	50000	-5.8	20.0
N-Nitrosodimethylamine	Ave	1.046	1.010		48300	50000	-3.4	20.0
Pyridine	Ave	1.621	1.557		48000	50000	-4.0	20.0
Benzaldehyde	Ave	0.7394	0.6101		41300	50000	-17.5	20.0
Phenol	Ave	2.054	2.207		53700	50000	7.4	20.0
Aniline	Ave	2.276	2.288		50300	50000	0.5	20.0
Bis(2-chloroethyl)ether	Ave	1.537	1.532		49800	50000	-0.3	20.0
2-Chlorophenol	Ave	1.580	1.635		51700	50000	3.5	20.0
Decane	Ave	1.690	1.632		48300	50000	-3.4	20.0
1,3-Dichlorobenzene	Ave	1.541	1.646		53400	50000	6.8	20.0
1,4-Dichlorobenzene	Ave	1.580	1.607		50900	50000	1.7	20.0
Benzyl alcohol	Ave	0.997	0.8692		43600	50000	-12.8	20.0
1,2-Dichlorobenzene	Ave	1.530	1.578		51600	50000	3.1	20.0
2-Methylphenol	Ave	1.372	1.495		54500	50000	9.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.802	2.912		52000	50000	3.9	20.0
Acetophenone	Ave	1.666	1.745		52400	50000	4.7	20.0
N-Nitrosodi-n-propylamine	Ave	1.191	1.227	0.0500	51500	50000	3.1	20.0
3 & 4 Methylphenol	Ave	1.425	1.400		49100	50000	-1.8	20.0
4-Methylphenol	Ave	1.425	1.400		49100	50000	-1.8	20.0
Hexachloroethane	Ave	0.5855	0.6078		51900	50000	3.8	20.0
n,n'-Dimethylaniline	Ave	1.874	1.978		52800	50000	5.5	20.0
Nitrobenzene	Ave	0.5082	0.5105		50200	50000	0.4	20.0
Isophorone	Ave	0.8065	0.8075		50100	50000	0.1	20.0
2-Nitrophenol	Ave	0.2319	0.2522		54400	50000	8.7	20.0
2,4-Dimethylphenol	Ave	0.3325	0.3355		50400	50000	0.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.4501	0.4396		48800	50000	-2.3	20.0
Benzoic acid	QuaF	0.2179	0.1951		52000	50000	4.0	20.0
2,4-Dichlorophenol	Ave	0.2987	0.3012		50400	50000	0.8	20.0
1,2,4-Trichlorobenzene	Ave	0.2708	0.2658		49100	50000	-1.9	20.0
Naphthalene	Ave	0.9935	1.080		54400	50000	8.7	20.0
4-Chloroaniline	Ave	0.4571	0.4426		48400	50000	-3.2	20.0
Hexachlorobutadiene	Ave	0.1441	0.1477		51300	50000	2.6	20.0
Caprolactam	Ave	0.1165	0.1355		58200	50000	16.3	20.0
4-Chloro-3-methylphenol	Ave	0.2880	0.3120		54200	50000	8.3	20.0
2-Methylnaphthalene	Ave	0.6545	0.6690		51100	50000	2.2	20.0
1-Methylnaphthalene	Ave	0.6899	0.7119		51600	50000	3.2	20.0
Hexachlorocyclopentadiene	Ave	0.2825	0.2336	0.0500	41300	50000	-17.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5260	0.5162		49100	50000	-1.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4450	0.4804		54000	50000	7.9	20.0
2,4,6-Trichlorophenol	Ave	0.3554	0.3685		51800	50000	3.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122921/2 Calibration Date: 08/06/2012 13:41

Instrument ID: BNAMS4 Calib Start Date: 07/31/2012 08:56

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/31/2012 10:45

Lab File ID: uu79120.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3803	0.4090		53800	50000	7.5	20.0
Diphenyl	Ave	1.438	1.376		47800	50000	-4.3	20.0
2-Chloronaphthalene	Ave	1.134	1.078		47500	50000	-4.9	20.0
Diphenyl ether	Ave	0.7228	0.6947		48100	50000	-3.9	20.0
2-Nitroaniline	Ave	0.4623	0.4076		44100	50000	-11.8	20.0
Dimethylnaphthalene, total	Ave	0.9418	0.8826		46900	50000	-6.3	20.0
Dimethyl phthalate	Ave	1.276	1.248		48900	50000	-2.3	20.0
Coumarin	Ave	0.2871	0.3104		54100	50000	8.1	20.0
2,6-Dinitrotoluene	Ave	0.3128	0.3255		52000	50000	4.1	20.0
Acenaphthylene	Ave	1.893	1.747		46200	50000	-7.7	20.0
3-Nitroaniline	Ave	0.4172	0.4213		50500	50000	1.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.6743	0.7207		53400	50000	6.9	20.0
Acenaphthene	QuaF	1.057	1.043		52900	50000	5.9	20.0
2,4-Dinitrophenol	LinF	0.1541	0.1600	0.0500	46100	50000	-7.9	20.0
4-Nitrophenol	Ave	0.2700	0.2906	0.0500	53800	50000	7.6	20.0
2,4-Dinitrotoluene	Ave	0.4029	0.4045		50200	50000	0.4	20.0
Dibenzofuran	Ave	1.508	1.420		47100	50000	-5.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3129	0.3309		52900	50000	5.8	20.0
Diethyl phthalate	Ave	1.307	1.345		51400	50000	2.9	20.0
4-Chlorophenyl phenyl ether	QuaF	0.4808	0.4680		51900	50000	3.8	20.0
Fluorene	QuaF	1.132	1.108		51300	50000	2.6	20.0
4-Nitroaniline	Ave	0.4297	0.3977		46300	50000	-7.4	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1614	0.1596		49500	50000	-1.1	20.0
N-Nitrosodiphenylamine	Ave	0.6275	0.5773		46000	50000	-8.0	20.0
1,2-Diphenylhydrazine	Ave	1.319	1.191		45100	50000	-9.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2420	0.2344		48400	50000	-3.1	20.0
Hexachlorobenzene	Ave	0.2529	0.2369		46800	50000	-6.3	20.0
Atrazine	Ave	0.1987	0.1916		48200	50000	-3.6	20.0
Pentachlorophenol	Ave	0.1856	0.1655		44600	50000	-10.9	20.0
Pentachloronitrobenzene	Ave	0.0953	0.0885		46400	50000	-7.1	
n-Octadecane	Ave	0.7208	0.6793		47100	50000	-5.8	20.0
Phenanthrene	Ave	1.131	0.9816		43400	50000	-13.2	20.0
Anthracene	Ave	1.153	1.047		45400	50000	-9.3	20.0
Carbazole	Ave	1.149	1.052		45800	50000	-8.5	20.0
Di-n-butyl phthalate	Ave	1.634	1.565		47900	50000	-4.2	20.0
Fluoranthene	Ave	1.121	1.052		46900	50000	-6.1	20.0
Benzidine	Ave	0.3964	0.2061		26000	50000	-48.0*	20.0
Pyrene	Ave	1.409	1.314		46600	50000	-6.7	20.0
Butyl benzyl phthalate	Ave	0.8472	0.7878		46500	50000	-7.0	20.0
Carbamazepine	Ave	0.4695	0.4597		49000	50000	-2.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122921/2 Calibration Date: 08/06/2012 13:41

Instrument ID: BNAMS4 Calib Start Date: 07/31/2012 08:56

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/31/2012 10:45

Lab File ID: uu79120.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.4102	0.4256		55400	50000	10.8	20.0
Benzo[a]anthracene	Ave	1.177	1.119		47500	50000	-4.9	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.102	0.9949		45100	50000	-9.7	20.0
Chrysene	Ave	1.049	0.9840		46900	50000	-6.2	20.0
Di-n-octyl phthalate	Ave	2.132	1.942		45600	50000	-8.9	20.0
Benzo[b]fluoranthene	Ave	1.203	1.179		49000	50000	-2.0	20.0
Benzo[k]fluoranthene	Ave	1.270	1.279		50300	50000	0.6	20.0
Benzo[a]pyrene	Ave	1.010	0.997		49400	50000	-1.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8817	0.9327		52900	50000	5.8	20.0
Dibenz(a,h)anthracene	Ave	0.8033	0.8747		54400	50000	8.9	20.0
Benzo[g,h,i]perylene	Ave	0.8848	0.9111		51500	50000	3.0	20.0
2-Fluorophenol	Ave	1.377	1.384		50300	50000	0.6	20.0
Phenol-d5	Ave	1.936	1.994		51500	50000	3.0	20.0
Nitrobenzene-d5	Ave	0.4097	0.4177		51000	50000	2.0	20.0
2-Fluorobiphenyl	Ave	1.187	1.133		47800	50000	-4.5	20.0
2,4,6-Tribromophenol	Ave	0.1873	0.2070		55300	50000	10.5	20.0
Terphenyl-d14	Ave	1.082	1.004		46400	50000	-7.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122318/2 Calibration Date: 08/02/2012 01:13

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28835.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5767	0.5444		47200	50000	-5.6	20.0
N-Nitrosodimethylamine	Ave	0.7811	0.7871		50400	50000	0.8	20.0
Pyridine	Ave	1.381	1.335		48300	50000	-3.3	20.0
Benzaldehyde	Ave	0.5691	0.6423		56400	50000	12.9	20.0
Aniline	Ave	1.875	1.780		47500	50000	-5.1	20.0
Phenol	Ave	1.721	1.592		46200	50000	-7.5	20.0
Bis(2-chloroethyl)ether	QuaF	1.416	1.299		53600	50000	7.2	20.0
2-Chlorophenol	Ave	1.480	1.421		48000	50000	-4.0	20.0
Decane	Ave	1.299	1.283		49400	50000	-1.2	20.0
1,3-Dichlorobenzene	Ave	1.678	1.654		49300	50000	-1.5	20.0
1,4-Dichlorobenzene	Ave	1.664	1.625		48800	50000	-2.3	20.0
Benzyl alcohol	Ave	0.7828	0.6488		41400	50000	-17.1	20.0
1,2-Dichlorobenzene	Ave	1.541	1.500		48700	50000	-2.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.405	1.390		49500	50000	-1.0	20.0
2-Methylphenol	Ave	1.162	1.089		46900	50000	-6.2	20.0
Acetophenone	Ave	1.650	1.603		48600	50000	-2.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.8460	0.8454	0.0500	50000	50000	-0.0	20.0
3 & 4 Methylphenol	QuaF	1.181	1.082		50900	50000	1.7	20.0
4-Methylphenol	Ave	1.157	1.082		46700	50000	-6.5	20.0
Hexachloroethane	Ave	0.6187	0.6176		49900	50000	-0.2	20.0
n,n'-Dimethylaniline	Ave	1.978	1.908		48200	50000	-3.5	20.0
Nitrobenzene	Ave	0.4848	0.4785		49300	50000	-1.3	20.0
Isophorone	Ave	0.6069	0.6009		49500	50000	-1.0	20.0
2-Nitrophenol	Ave	0.2138	0.2103		49200	50000	-1.7	20.0
2,4-Dimethylphenol	Ave	0.3180	0.3113		48900	50000	-2.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3724	0.3641		48900	50000	-2.2	20.0
2,4-Dichlorophenol	Ave	0.2842	0.2823		49700	50000	-0.7	20.0
Benzoic acid	Ave	0.1784	0.2102		58900	50000	17.8	20.0
1,2,4-Trichlorobenzene	Ave	0.3283	0.3141		47800	50000	-4.3	20.0
Naphthalene	Ave	1.058	1.032		48800	50000	-2.4	20.0
4-Chloroaniline	Ave	0.3901	0.3772		48300	50000	-3.3	20.0
Hexachlorobutadiene	Ave	0.1909	0.1845		48300	50000	-3.3	20.0
Caprolactam	Ave	0.0861	0.0874		50800	50000	1.6	20.0
4-Chloro-3-methylphenol	Ave	0.2710	0.2702		49900	50000	-0.3	20.0
2-Methylnaphthalene	Ave	0.6618	0.6451		48700	50000	-2.5	20.0
1-Methylnaphthalene	Ave	0.6755	0.6589		48800	50000	-2.5	20.0
Hexachlorocyclopentadiene	Ave	0.3314	0.3148	0.0500	47500	50000	-5.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6409	0.6203		48400	50000	-3.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4522	0.4331		47900	50000	-4.2	20.0
2,4,6-Trichlorophenol	Ave	0.3882	0.3789		48800	50000	-2.4	20.0
2,4,5-Trichlorophenol	Ave	0.3986	0.3858		48400	50000	-3.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122318/2 Calibration Date: 08/02/2012 01:13

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28835.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.575	1.546		49100	50000	-1.8	20.0
2-Chloronaphthalene	Ave	1.222	1.176		48100	50000	-3.8	20.0
Diphenyl ether	Ave	0.8680	0.8490		48900	50000	-2.2	20.0
2-Nitroaniline	Ave	0.3192	0.3211		50300	50000	0.6	20.0
Dimethylnaphthalene, total	Ave	1.037	1.020		49200	50000	-1.6	20.0
Dimethyl phthalate	Ave	1.227	1.167		47600	50000	-4.9	20.0
Coumarin	Ave	0.1960	0.1848		47100	50000	-5.7	20.0
2,6-Dinitrotoluene	Ave	0.2895	0.2891		49900	50000	-0.1	20.0
Acenaphthylene	Ave	1.868	1.855		49600	50000	-0.7	20.0
3-Nitroaniline	Ave	0.2944	0.2838		48200	50000	-3.6	20.0
Acenaphthene	Ave	1.075	1.076		50000	50000	0.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.024	1.009		49300	50000	-1.5	20.0
2,4-Dinitrophenol	Ave	0.1400	0.1367	0.0500	48800	50000	-2.4	20.0
4-Nitrophenol	Ave	0.1844	0.1997	0.0500	54100	50000	8.3	20.0
Dibenzofuran	Ave	1.566	1.526		48700	50000	-2.5	20.0
2,4-Dinitrotoluene	Ave	0.3470	0.3382		48700	50000	-2.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2551		47300	50000	-5.3	20.0
Diethyl phthalate	Ave	1.168	1.147		49100	50000	-1.8	20.0
Fluorene	Ave	1.248	1.227		49200	50000	-1.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5846	0.5579		47700	50000	-4.6	20.0
4-Nitroaniline	QuaF	0.2498	0.2338		47000	50000	-6.0	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1456	0.1489		51100	50000	2.3	20.0
N-Nitrosodiphenylamine	Ave	0.6401	0.6501		50800	50000	1.6	20.0
1,2-Diphenylhydrazine	Ave	1.014	1.046		51600	50000	3.2	20.0
4-Bromophenyl phenyl ether	Ave	0.2588	0.2548		49200	50000	-1.5	20.0
Hexachlorobenzene	Ave	0.2776	0.2696		48600	50000	-2.9	20.0
Atrazine	Ave	0.2150	0.2108		49000	50000	-2.0	20.0
Pentachlorophenol	Ave	0.1557	0.1558		50000	50000	0.0	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1025		47500	50000	-5.0	
n-Octadecane	Ave	0.5026	0.5216		51900	50000	3.8	20.0
Phenanthrene	Ave	1.151	1.153		50100	50000	0.1	20.0
Anthracene	Ave	1.168	1.172		50200	50000	0.3	20.0
Carbazole	Ave	0.9834	0.9454		48100	50000	-3.9	20.0
Di-n-butyl phthalate	Ave	1.255	1.256		50100	50000	0.1	20.0
Fluoranthene	Ave	1.046	1.037		49600	50000	-0.8	20.0
Benzidine	Ave	0.1974	0.1140		28900	50000	-42.2*	20.0
Pyrene	Ave	1.716	1.737		50600	50000	1.2	20.0
Butyl benzyl phthalate	Ave	0.7076	0.7339		51900	50000	3.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2371	0.2241		473	500	-5.5	20.0
Carbamazepine	Ave	0.4726	0.5200		55000	50000	10.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122318/2 Calibration Date: 08/02/2012 01:13

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28835.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3584	0.3616		55000	50000	10.0	20.0
Benzo[a]anthracene	Ave	1.235	1.176		47600	50000	-4.8	20.0
Chrysene	Ave	1.150	1.160		50400	50000	0.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9429	0.9945		52700	50000	5.5	20.0
Di-n-octyl phthalate	Ave	1.806	1.893		52400	50000	4.8	20.0
Benzo[b]fluoranthene	Ave	1.231	1.180		47900	50000	-4.2	20.0
Benzo[k]fluoranthene	Ave	1.308	1.383		52900	50000	5.7	20.0
Benzo[a]pyrene	Ave	0.9560	0.9837		51400	50000	2.9	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7403	0.7523		49100	50000	-1.8	20.0
Dibenz(a,h)anthracene	QuaF	0.7631	0.8150		51900	50000	3.8	20.0
Benzo[g,h,i]perylene	Ave	0.7677	0.8178		53300	50000	6.5	20.0
2-Fluorophenol	Ave	1.372	1.312		47800	50000	-4.4	20.0
Phenol-d5	Ave	1.526	1.427		46800	50000	-6.5	20.0
Nitrobenzene-d5	Ave	0.3884	0.3958		51000	50000	1.9	20.0
2-Fluorobiphenyl	Ave	1.459	1.441		49400	50000	-1.2	20.0
2,4,6-Tribromophenol	Ave	0.1902	0.1783		46900	50000	-6.2	20.0
Terphenyl-d14	Ave	1.250	1.232		49300	50000	-1.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122357/2 Calibration Date: 08/02/2012 12:51

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28861.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5767	0.5564		48200	50000	-3.5	20.0
N-Nitrosodimethylamine	Ave	0.7811	0.7801		49900	50000	-0.1	20.0
Pyridine	Ave	1.381	1.329		48100	50000	-3.7	20.0
Benzaldehyde	Ave	0.5691	0.6151		54000	50000	8.1	20.0
Aniline	Ave	1.875	1.777		47400	50000	-5.2	20.0
Phenol	Ave	1.721	1.585		46000	50000	-7.9	20.0
Bis(2-chloroethyl)ether	QuaF	1.416	1.281		53000	50000	5.9	20.0
2-Chlorophenol	Ave	1.480	1.431		48300	50000	-3.3	20.0
Decane	Ave	1.299	1.330		51200	50000	2.4	20.0
1,3-Dichlorobenzene	Ave	1.678	1.645		49000	50000	-2.0	20.0
1,4-Dichlorobenzene	Ave	1.664	1.639		49200	50000	-1.5	20.0
Benzyl alcohol	Ave	0.7828	0.6512		41600	50000	-16.8	20.0
1,2-Dichlorobenzene	Ave	1.541	1.478		48000	50000	-4.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.405	1.404		50000	50000	-0.0	20.0
2-Methylphenol	Ave	1.162	1.113		47900	50000	-4.2	20.0
Acetophenone	Ave	1.650	1.559		47200	50000	-5.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.8460	0.8202	0.0500	48500	50000	-3.0	20.0
3 & 4 Methylphenol	QuaF	1.181	1.126		53100	50000	6.1	20.0
4-Methylphenol	Ave	1.157	1.090		47100	50000	-5.8	20.0
Hexachloroethane	Ave	0.6187	0.6193		50000	50000	0.1	20.0
Nitrobenzene	Ave	0.4848	0.4846		50000	50000	-0.0	20.0
n,n'-Dimethylaniline	Ave	1.978	1.898		48000	50000	-4.1	20.0
Isophorone	Ave	0.6069	0.5794		47700	50000	-4.5	20.0
2-Nitrophenol	Ave	0.2138	0.2087		48800	50000	-2.4	20.0
2,4-Dimethylphenol	Ave	0.3180	0.3145		49400	50000	-1.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3724	0.3658		49100	50000	-1.8	20.0
Benzoic acid	Ave	0.1784	0.1789		50200	50000	0.3	20.0
2,4-Dichlorophenol	Ave	0.2842	0.2731		48000	50000	-3.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3283	0.3198		48700	50000	-2.6	20.0
Naphthalene	Ave	1.058	1.054		49800	50000	-0.4	20.0
4-Chloroaniline	Ave	0.3901	0.3709		47500	50000	-4.9	20.0
Hexachlorobutadiene	Ave	0.1909	0.1857		48700	50000	-2.7	20.0
Caprolactam	Ave	0.0861	0.0742		43100	50000	-13.7	20.0
4-Chloro-3-methylphenol	Ave	0.2710	0.2481		45800	50000	-8.4	20.0
2-Methylnaphthalene	Ave	0.6618	0.6344		47900	50000	-4.1	20.0
1-Methylnaphthalene	Ave	0.6755	0.6455		47800	50000	-4.4	20.0
Hexachlorocyclopentadiene	Ave	0.3314	0.3663	0.0500	55300	50000	10.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6409	0.6448		50300	50000	0.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4522	0.4164		46000	50000	-7.9	20.0
2,4,6-Trichlorophenol	Ave	0.3882	0.3761		48400	50000	-3.1	20.0
2,4,5-Trichlorophenol	Ave	0.3986	0.3837		48100	50000	-3.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122357/2 Calibration Date: 08/02/2012 12:51

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28861.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.575	1.602		50900	50000	1.7	20.0
2-Chloronaphthalene	Ave	1.222	1.198		49100	50000	-1.9	20.0
Diphenyl ether	Ave	0.8680	0.8765		50500	50000	1.0	20.0
2-Nitroaniline	Ave	0.3192	0.3275		51300	50000	2.6	20.0
Dimethylnaphthalene, total	Ave	1.037	1.028		49600	50000	-0.9	20.0
Dimethyl phthalate	Ave	1.227	1.137		46300	50000	-7.3	20.0
Coumarin	Ave	0.1960	0.1674		42700	50000	-14.6	20.0
2,6-Dinitrotoluene	Ave	0.2895	0.2712		46800	50000	-6.3	20.0
Acenaphthylene	Ave	1.868	1.824		48800	50000	-2.4	20.0
3-Nitroaniline	Ave	0.2944	0.2678		45500	50000	-9.0	20.0
Acenaphthene	Ave	1.075	1.065		49500	50000	-1.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.024	1.068		52200	50000	4.3	20.0
2,4-Dinitrophenol	Ave	0.1400	0.1190	0.0500	42500	50000	-15.0	20.0
4-Nitrophenol	Ave	0.1844	0.1869	0.0500	50700	50000	1.3	20.0
Dibenzofuran	Ave	1.566	1.521		48600	50000	-2.9	20.0
2,4-Dinitrotoluene	Ave	0.3470	0.3151		45400	50000	-9.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2508		46500	50000	-6.9	20.0
Diethyl phthalate	Ave	1.168	1.074		46000	50000	-8.1	20.0
Fluorene	Ave	1.248	1.204		48200	50000	-3.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.5846	0.5520		47200	50000	-5.6	20.0
4-Nitroaniline	QuaF	0.2498	0.2253		44700	50000	-10.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1456	0.1411		48500	50000	-3.1	20.0
N-Nitrosodiphenylamine	Ave	0.6401	0.6391		49900	50000	-0.2	20.0
1,2-Diphenylhydrazine	Ave	1.014	1.117		55100	50000	10.2	20.0
4-Bromophenyl phenyl ether	Ave	0.2588	0.2609		50400	50000	0.8	20.0
Hexachlorobenzene	Ave	0.2776	0.2718		49000	50000	-2.1	20.0
Atrazine	Ave	0.2150	0.2013		46800	50000	-6.4	20.0
Pentachlorophenol	Ave	0.1557	0.1519		48800	50000	-2.4	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1024		47400	50000	-5.1	
n-Octadecane	Ave	0.5026	0.5822		57900	50000	15.8	20.0
Phenanthrene	Ave	1.151	1.153		50100	50000	0.2	20.0
Anthracene	Ave	1.168	1.155		49400	50000	-1.2	20.0
Carbazole	Ave	0.9834	0.9564		48600	50000	-2.7	20.0
Di-n-butyl phthalate	Ave	1.255	1.214		48400	50000	-3.3	20.0
Fluoranthene	Ave	1.046	0.9913		47400	50000	-5.2	20.0
Benzidine	Ave	0.1974	0.1174		29700	50000	-40.5*	20.0
Pyrene	Ave	1.716	1.654		48200	50000	-3.6	20.0
Butyl benzyl phthalate	Ave	0.7076	0.6867		48500	50000	-3.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2371	0.2099		443	500	-11.5	20.0
Carbamazepine	Ave	0.4726	0.5162		54600	50000	9.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122357/2 Calibration Date: 08/02/2012 12:51

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28861.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3584	0.3891		59900	50000	19.9	20.0
Benzo[a]anthracene	Ave	1.235	1.184		47900	50000	-4.1	20.0
Chrysene	Ave	1.150	1.167		50700	50000	1.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9429	0.9117		48300	50000	-3.3	20.0
Di-n-octyl phthalate	Ave	1.806	1.579		43700	50000	-12.5	20.0
Benzo[b]fluoranthene	Ave	1.231	1.150		46700	50000	-6.6	20.0
Benzo[k]fluoranthene	Ave	1.308	1.297		49600	50000	-0.8	20.0
Benzo[a]pyrene	Ave	0.9560	0.9878		51700	50000	3.3	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7403	0.8756		56400	50000	12.7	20.0
Dibenz(a,h)anthracene	QuaF	0.7631	0.9083		57400	50000	14.7	20.0
Benzo[g,h,i]perylene	Ave	0.7677	0.9096		59200	50000	18.5	20.0
2-Fluorophenol	Ave	1.372	1.288		46900	50000	-6.1	20.0
Phenol-d5	Ave	1.526	1.424		46700	50000	-6.7	20.0
Nitrobenzene-d5	Ave	0.3884	0.3922		50500	50000	1.0	20.0
2-Fluorobiphenyl	Ave	1.459	1.476		50600	50000	1.1	20.0
2,4,6-Tribromophenol	Ave	0.1902	0.1641		43100	50000	-13.7	20.0
Terphenyl-d14	Ave	1.250	1.165		46600	50000	-6.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122476/2 Calibration Date: 08/03/2012 02:46

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28885.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5767	0.5824		50500	50000	1.0	20.0
N-Nitrosodimethylamine	Ave	0.7811	0.7609		48700	50000	-2.6	20.0
Pyridine	Ave	1.381	1.325		48000	50000	-4.0	20.0
Benzaldehyde	Ave	0.5691	0.3237		28400	50000	-43.1*	20.0
Aniline	Ave	1.875	1.724		46000	50000	-8.1	20.0
Phenol	Ave	1.721	1.605		46600	50000	-6.8	20.0
Bis(2-chloroethyl)ether	QuaF	1.416	1.227		51000	50000	2.0	20.0
2-Chlorophenol	Ave	1.480	1.398		47200	50000	-5.5	20.0
Decane	Ave	1.299	1.305		50200	50000	0.5	20.0
1,3-Dichlorobenzene	Ave	1.678	1.605		47800	50000	-4.3	20.0
1,4-Dichlorobenzene	Ave	1.664	1.586		47600	50000	-4.7	20.0
Benzyl alcohol	Ave	0.7828	0.7745		49500	50000	-1.1	20.0
1,2-Dichlorobenzene	Ave	1.541	1.447		47000	50000	-6.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.405	1.351		48100	50000	-3.8	20.0
2-Methylphenol	Ave	1.162	1.084		46700	50000	-6.7	20.0
Acetophenone	Ave	1.650	1.567		47500	50000	-5.1	20.0
N-Nitrosodi-n-propylamine	Ave	0.8460	0.8256	0.0500	48800	50000	-2.4	20.0
3 & 4 Methylphenol	QuaF	1.181	1.107		52100	50000	4.2	20.0
4-Methylphenol	Ave	1.157	1.107		47800	50000	-4.4	20.0
Hexachloroethane	Ave	0.6187	0.6022		48700	50000	-2.7	20.0
Nitrobenzene	Ave	0.4848	0.4830		49800	50000	-0.4	20.0
n,n'-Dimethylaniline	Ave	1.978	1.877		47400	50000	-5.1	20.0
Isophorone	Ave	0.6069	0.5846		48200	50000	-3.7	20.0
2-Nitrophenol	Ave	0.2138	0.2091		48900	50000	-2.2	20.0
2,4-Dimethylphenol	Ave	0.3180	0.3112		48900	50000	-2.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3724	0.3646		49000	50000	-2.1	20.0
Benzoic acid	Ave	0.1784	0.2234		62600	50000	25.2*	20.0
2,4-Dichlorophenol	Ave	0.2842	0.2746		48300	50000	-3.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3283	0.3085		47000	50000	-6.0	20.0
Naphthalene	Ave	1.058	1.018		48100	50000	-3.8	20.0
4-Chloroaniline	Ave	0.3901	0.3808		48800	50000	-2.4	20.0
Hexachlorobutadiene	Ave	0.1909	0.1806		47300	50000	-5.4	20.0
Caprolactam	Ave	0.0861	0.0898		52200	50000	4.4	20.0
4-Chloro-3-methylphenol	Ave	0.2710	0.2702		49800	50000	-0.3	20.0
2-Methylnaphthalene	Ave	0.6618	0.6370		48100	50000	-3.7	20.0
1-Methylnaphthalene	Ave	0.6755	0.6645		49200	50000	-1.6	20.0
Hexachlorocyclopentadiene	Ave	0.3314	0.3201	0.0500	48300	50000	-3.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6409	0.6065		47300	50000	-5.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4522	0.4436		49100	50000	-1.9	20.0
2,4,6-Trichlorophenol	Ave	0.3882	0.3730		48000	50000	-3.9	20.0
2,4,5-Trichlorophenol	Ave	0.3986	0.3871		48500	50000	-2.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122476/2 Calibration Date: 08/03/2012 02:46

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28885.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.575	1.519		48200	50000	-3.5	20.0
2-Chloronaphthalene	Ave	1.222	1.143		46800	50000	-6.5	20.0
Diphenyl ether	Ave	0.8680	0.8259		47600	50000	-4.9	20.0
2-Nitroaniline	Ave	0.3192	0.3299		51700	50000	3.3	20.0
Dimethylnaphthalene, total	Ave	1.037	1.000		48200	50000	-3.5	20.0
Coumarin	Ave	0.1960	0.1918		48900	50000	-2.2	20.0
Dimethyl phthalate	Ave	1.227	1.161		47300	50000	-5.4	20.0
2,6-Dinitrotoluene	Ave	0.2895	0.2803		48400	50000	-3.2	20.0
Acenaphthylene	Ave	1.868	1.796		48100	50000	-3.9	20.0
3-Nitroaniline	Ave	0.2944	0.2840		48200	50000	-3.5	20.0
Acenaphthene	Ave	1.075	1.056		49100	50000	-1.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.024	1.023		50000	50000	-0.1	20.0
2,4-Dinitrophenol	Ave	0.1400	0.1539	0.0500	54900	50000	9.9	20.0
4-Nitrophenol	Ave	0.1844	0.2185	0.0500	59200	50000	18.4	20.0
Dibenzofuran	Ave	1.566	1.503		48000	50000	-4.0	20.0
2,4-Dinitrotoluene	Ave	0.3470	0.3408		49100	50000	-1.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2709		50300	50000	0.6	20.0
Diethyl phthalate	Ave	1.168	1.135		48600	50000	-2.8	20.0
Fluorene	Ave	1.248	1.230		49200	50000	-1.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.5846	0.5516		47200	50000	-5.6	20.0
4-Nitroaniline	QuaF	0.2498	0.2535		52600	50000	5.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1456	0.1457		50000	50000	0.1	20.0
N-Nitrosodiphenylamine	Ave	0.6401	0.6126		47800	50000	-4.3	20.0
1,2-Diphenylhydrazine	Ave	1.014	1.006		49600	50000	-0.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2588	0.2420		46700	50000	-6.5	20.0
Hexachlorobenzene	Ave	0.2776	0.2565		46200	50000	-7.6	20.0
Atrazine	Ave	0.2150	0.2093		48700	50000	-2.7	20.0
Pentachlorophenol	Ave	0.1557	0.1582		50800	50000	1.6	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1057		49000	50000	-2.0	
n-Octadecane	Ave	0.5026	0.4923		49000	50000	-2.1	20.0
Phenanthrene	Ave	1.151	1.094		47500	50000	-4.9	20.0
Anthracene	Ave	1.168	1.134		48500	50000	-3.0	20.0
Carbazole	Ave	0.9834	0.9458		48100	50000	-3.8	20.0
Di-n-butyl phthalate	Ave	1.255	1.230		49000	50000	-2.0	20.0
Fluoranthene	Ave	1.046	1.023		48900	50000	-2.2	20.0
Benzidine	Ave	0.1974	0.0685		17300	50000	-65.3*	20.0
Pyrene	Ave	1.716	1.589		46300	50000	-7.4	20.0
Butyl benzyl phthalate	Ave	0.7076	0.6867		48500	50000	-3.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2371	0.1884		397	500	-20.5*	20.0
Carbamazepine	Ave	0.4726	0.5344		56500	50000	13.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-122476/2 Calibration Date: 08/03/2012 02:46

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x28885.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3584	0.3281		49100	50000	-1.7	20.0
Benzo[a]anthracene	Ave	1.235	1.138		46100	50000	-7.8	20.0
Chrysene	Ave	1.150	1.151		50000	50000	0.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9429	0.9232		49000	50000	-2.1	20.0
Di-n-octyl phthalate	Ave	1.806	1.643		45500	50000	-9.0	20.0
Benzo[b]fluoranthene	Ave	1.231	1.132		46000	50000	-8.1	20.0
Benzo[k]fluoranthene	Ave	1.308	1.303		49800	50000	-0.3	20.0
Benzo[a]pyrene	Ave	0.9560	0.9859		51600	50000	3.1	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7403	0.7764		50500	50000	1.1	20.0
Dibenz(a,h)anthracene	QuaF	0.7631	0.8442		53600	50000	7.2	20.0
Benzo[g,h,i]perylene	Ave	0.7677	0.8501		55400	50000	10.7	20.0
2-Fluorophenol	Ave	1.372	1.285		46800	50000	-6.3	20.0
Phenol-d5	Ave	1.526	1.449		47500	50000	-5.0	20.0
Nitrobenzene-d5	Ave	0.3884	0.3930		50600	50000	1.2	20.0
2-Fluorobiphenyl	Ave	1.459	1.390		47600	50000	-4.7	20.0
2,4,6-Tribromophenol	Ave	0.1902	0.1851		48700	50000	-2.7	20.0
Terphenyl-d14	Ave	1.250	1.151		46000	50000	-7.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123117/2 Calibration Date: 08/07/2012 15:38

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x29010.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5767	0.5525		47900	50000	-4.2	20.0
N-Nitrosodimethylamine	Ave	0.7811	0.7634		48900	50000	-2.3	20.0
Pyridine	Ave	1.381	1.320		47800	50000	-4.4	20.0
Benzaldehyde	Ave	0.5691	0.3280		28800	50000	-42.4*	20.0
Aniline	Ave	1.875	1.721		45900	50000	-8.2	20.0
Phenol	Ave	1.721	1.574		45700	50000	-8.6	20.0
Bis(2-chloroethyl)ether	QuaF	1.416	1.256		52100	50000	4.1	20.0
2-Chlorophenol	Ave	1.480	1.390		47000	50000	-6.1	20.0
Decane	Ave	1.299	1.395		53700	50000	7.4	20.0
1,3-Dichlorobenzene	Ave	1.678	1.601		47700	50000	-4.6	20.0
1,4-Dichlorobenzene	Ave	1.664	1.591		47800	50000	-4.4	20.0
Benzyl alcohol	Ave	0.7828	0.6034		38500	50000	-22.9*	20.0
1,2-Dichlorobenzene	Ave	1.541	1.477		47900	50000	-4.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.405	1.419		50500	50000	1.0	20.0
2-Methylphenol	Ave	1.162	1.063		45700	50000	-8.5	20.0
Acetophenone	Ave	1.650	1.637		49600	50000	-0.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.8460	0.8535	0.0500	50400	50000	0.9	20.0
3 & 4 Methylphenol	QuaF	1.181	0.999		46800	50000	-6.3	20.0
4-Methylphenol	Ave	1.157	0.999		43200	50000	-13.6	20.0
Hexachloroethane	Ave	0.6187	0.6243		50400	50000	0.9	20.0
n,n'-Dimethylaniline	Ave	1.978	1.962		49600	50000	-0.8	20.0
Nitrobenzene	Ave	0.4848	0.5028		51900	50000	3.7	20.0
Isophorone	Ave	0.6069	0.5858		48300	50000	-3.5	20.0
2-Nitrophenol	Ave	0.2138	0.2012		47000	50000	-5.9	20.0
2,4-Dimethylphenol	Ave	0.3180	0.2715		42700	50000	-14.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3724	0.3578		48000	50000	-3.9	20.0
Benzoic acid	Ave	0.1784	0.1795		50300	50000	0.6	20.0
2,4-Dichlorophenol	Ave	0.2842	0.2634		46400	50000	-7.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3283	0.3051		46500	50000	-7.0	20.0
Naphthalene	Ave	1.058	1.023		48300	50000	-3.3	20.0
4-Chloroaniline	Ave	0.3901	0.3537		45300	50000	-9.4	20.0
Hexachlorobutadiene	Ave	0.1909	0.1815		47500	50000	-4.9	20.0
Caprolactam	Ave	0.0861	0.0723		42000	50000	-16.0	20.0
4-Chloro-3-methylphenol	Ave	0.2710	0.2438		45000	50000	-10.0	20.0
2-Methylnaphthalene	Ave	0.6618	0.6167		46600	50000	-6.8	20.0
1-Methylnaphthalene	Ave	0.6755	0.6391		47300	50000	-5.4	20.0
Hexachlorocyclopentadiene	Ave	0.3314	0.3430	0.0500	51700	50000	3.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6409	0.6366		49700	50000	-0.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.4522	0.4147		45900	50000	-8.3	20.0
2,4,6-Trichlorophenol	Ave	0.3882	0.3623		46700	50000	-6.7	20.0
2,4,5-Trichlorophenol	Ave	0.3986	0.3764		47200	50000	-5.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123117/2 Calibration Date: 08/07/2012 15:38

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x29010.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.575	1.586		50300	50000	0.7	20.0
2-Chloronaphthalene	Ave	1.222	1.199		49100	50000	-1.9	20.0
Diphenyl ether	Ave	0.8680	0.8493		48900	50000	-2.2	20.0
2-Nitroaniline	Ave	0.3192	0.3248		50900	50000	1.8	20.0
Dimethylnaphthalene, total	Ave	1.037	1.034		49800	50000	-0.3	20.0
Dimethyl phthalate	Ave	1.227	1.116		45500	50000	-9.0	20.0
Coumarin	Ave	0.1960	0.1628		41500	50000	-16.9	20.0
2,6-Dinitrotoluene	Ave	0.2895	0.2650		45800	50000	-8.5	20.0
Acenaphthylene	Ave	1.868	1.810		48400	50000	-3.1	20.0
3-Nitroaniline	Ave	0.2944	0.2508		42600	50000	-14.8	20.0
Acenaphthene	Ave	1.075	1.062		49400	50000	-1.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.024	1.072		52300	50000	4.7	20.0
2,4-Dinitrophenol	Ave	0.1400	0.1036	0.0500	37000	50000	-26.0*	20.0
4-Nitrophenol	Ave	0.1844	0.1736	0.0500	47100	50000	-5.9	20.0
Dibenzofuran	Ave	1.566	1.484		47400	50000	-5.2	20.0
2,4-Dinitrotoluene	Ave	0.3470	0.3065		44200	50000	-11.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2291		42500	50000	-15.0	20.0
Diethyl phthalate	Ave	1.168	1.067		45700	50000	-8.7	20.0
Fluorene	Ave	1.248	1.178		47200	50000	-5.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.5846	0.5286		45200	50000	-9.6	20.0
4-Nitroaniline	QuaF	0.2498	0.2032		38900	50000	-22.3*	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1456	0.1327		45600	50000	-8.9	20.0
N-Nitrosodiphenylamine	Ave	0.6401	0.6539		51100	50000	2.2	20.0
1,2-Diphenylhydrazine	Ave	1.014	1.196		59000	50000	18.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2588	0.2617		50600	50000	1.1	20.0
Hexachlorobenzene	Ave	0.2776	0.2756		49600	50000	-0.7	20.0
Atrazine	Ave	0.2150	0.2014		46800	50000	-6.3	20.0
Pentachlorophenol	Ave	0.1557	0.1248		40100	50000	-19.8	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1065		49300	50000	-1.3	
n-Octadecane	Ave	0.5026	0.6038		60100	50000	20.1*	20.0
Phenanthrene	Ave	1.151	1.126		48900	50000	-2.2	20.0
Anthracene	Ave	1.168	1.136		48600	50000	-2.8	20.0
Carbazole	Ave	0.9834	0.8820		44800	50000	-10.3	20.0
Di-n-butyl phthalate	Ave	1.255	1.203		47900	50000	-4.2	20.0
Fluoranthene	Ave	1.046	0.9183		43900	50000	-12.2	20.0
Benzidine	Ave	0.1974	0.0457		11600	50000	-76.8*	20.0
Pyrene	Ave	1.716	1.717		50000	50000	0.0	20.0
Butyl benzyl phthalate	Ave	0.7076	0.7309		51600	50000	3.3	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2371	0.1810		382	500	-23.7*	20.0
Carbamazepine	Ave	0.4726	0.5078		53700	50000	7.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVIS 460-123117/2 Calibration Date: 08/07/2012 15:38

Instrument ID: BNAMS5 Calib Start Date: 07/19/2012 02:12

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/19/2012 05:37

Lab File ID: x29010.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3584	0.3288		49200	50000	-1.5	20.0
Benzo[a]anthracene	Ave	1.235	1.132		45800	50000	-8.3	20.0
Chrysene	Ave	1.150	1.182		51400	50000	2.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9429	0.9464		50200	50000	0.4	20.0
Di-n-octyl phthalate	Ave	1.806	1.640		45400	50000	-9.2	20.0
Benzo[b]fluoranthene	Ave	1.231	1.128		45800	50000	-8.4	20.0
Benzo[k]fluoranthene	Ave	1.308	1.277		48800	50000	-2.3	20.0
Benzo[a]pyrene	Ave	0.9560	0.9272		48500	50000	-3.0	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7403	0.7779		50600	50000	1.2	20.0
Dibenz(a,h)anthracene	QuaF	0.7631	0.8572		54400	50000	8.8	20.0
Benzo[g,h,i]perylene	Ave	0.7677	0.8916		58100	50000	16.1	20.0
2-Fluorophenol	Ave	1.372	1.272		46400	50000	-7.3	20.0
Phenol-d5	Ave	1.526	1.430		46900	50000	-6.3	20.0
Nitrobenzene-d5	Ave	0.3884	0.3985		51300	50000	2.6	20.0
2-Fluorobiphenyl	Ave	1.459	1.457		49900	50000	-0.2	20.0
2,4,6-Tribromophenol	Ave	0.1902	0.1568		41200	50000	-17.6	20.0
Terphenyl-d14	Ave	1.250	1.239		49600	50000	-0.8	20.0

Data File: /chem/BNAMS4.i/8270T/07-31-12/31jul12b.b/u78918.d
Report Date: 31-Jul-2012 08:52

TestAmerica

Data file : /chem/BNAMS4.i/8270T/07-31-12/31jul12b.b/u78918.d
Lab Smp Id: DFTPP-1653831
Inj Date : 31-JUL-2012 08:35
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-1653831
Misc Info : 25ng/uL DFTPP Lot 4687
Comment :
Method : /chem/BNAMS4.i/8270T/07-31-12/31jul12b.b/BNADFTPP.m
Meth Date : 31-Jul-2012 00:45 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

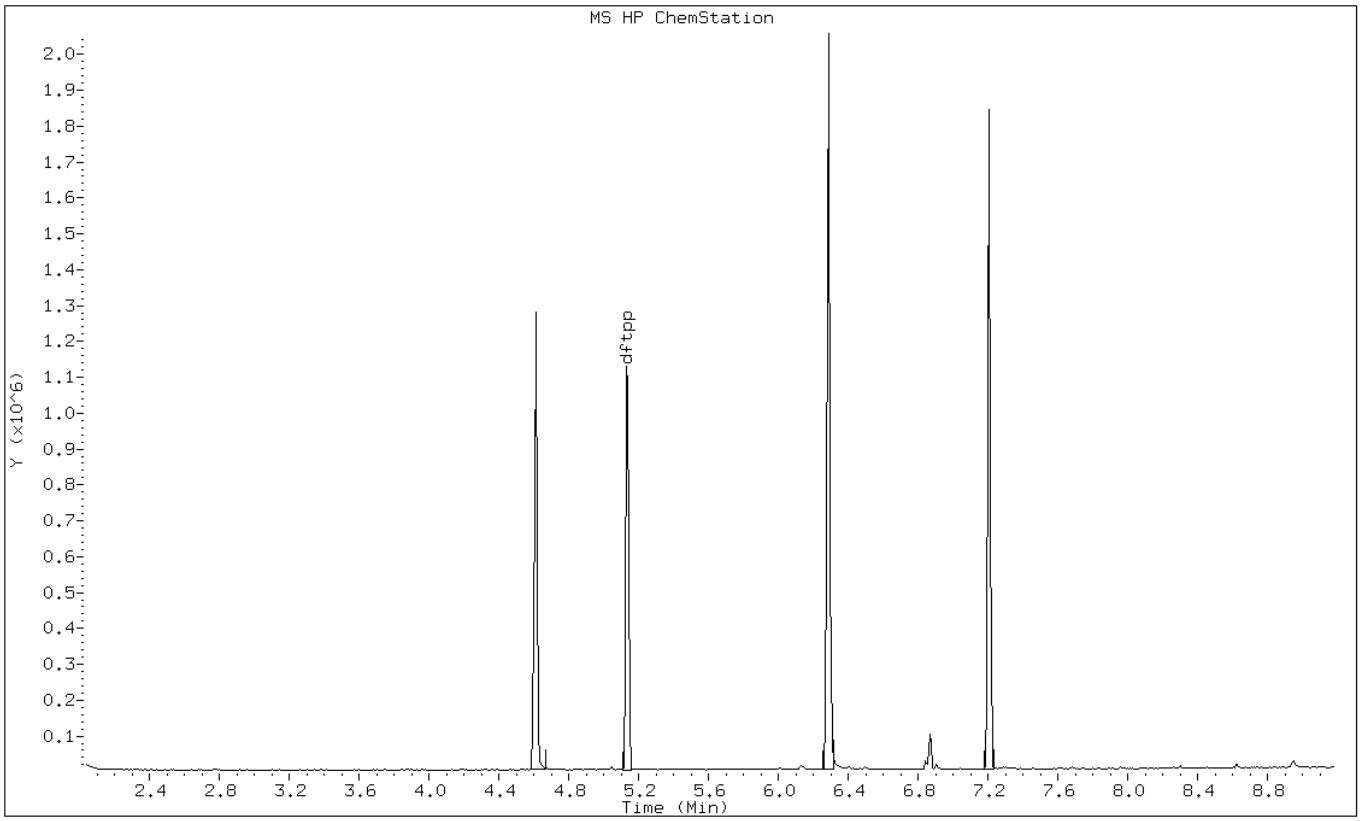
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.131	5.140	-0.009	198	104096			0.00- 100.00	100.00
5.131	5.140	-0.009	51	52338			30.00- 60.00	50.28
5.131	5.140	-0.009	68	0			0.00- 2.00	0.00
5.131	5.140	-0.009	69	64493			0.00- 0.00	61.96
5.131	5.140	-0.009	70	145			0.00- 2.00	0.22
5.131	5.140	-0.009	127	50896			40.00- 60.00	48.89
5.131	5.140	-0.009	197	0			0.00- 1.00	0.00
5.131	5.140	-0.009	199	7124			5.00- 9.00	6.84
5.131	5.140	-0.009	275	19946			10.00- 30.00	19.16
5.131	5.140	-0.009	365	1776			1.00- 0.00	1.71
5.131	5.140	-0.009	441	9022			0.01- 100.00	75.42
5.131	5.140	-0.009	442	58620			40.00- 110.00	56.31
5.131	5.140	-0.009	443	11962			17.00- 23.00	20.41

Data File: u78918.d

Date: 31-JUL-2012 08:35

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNA2



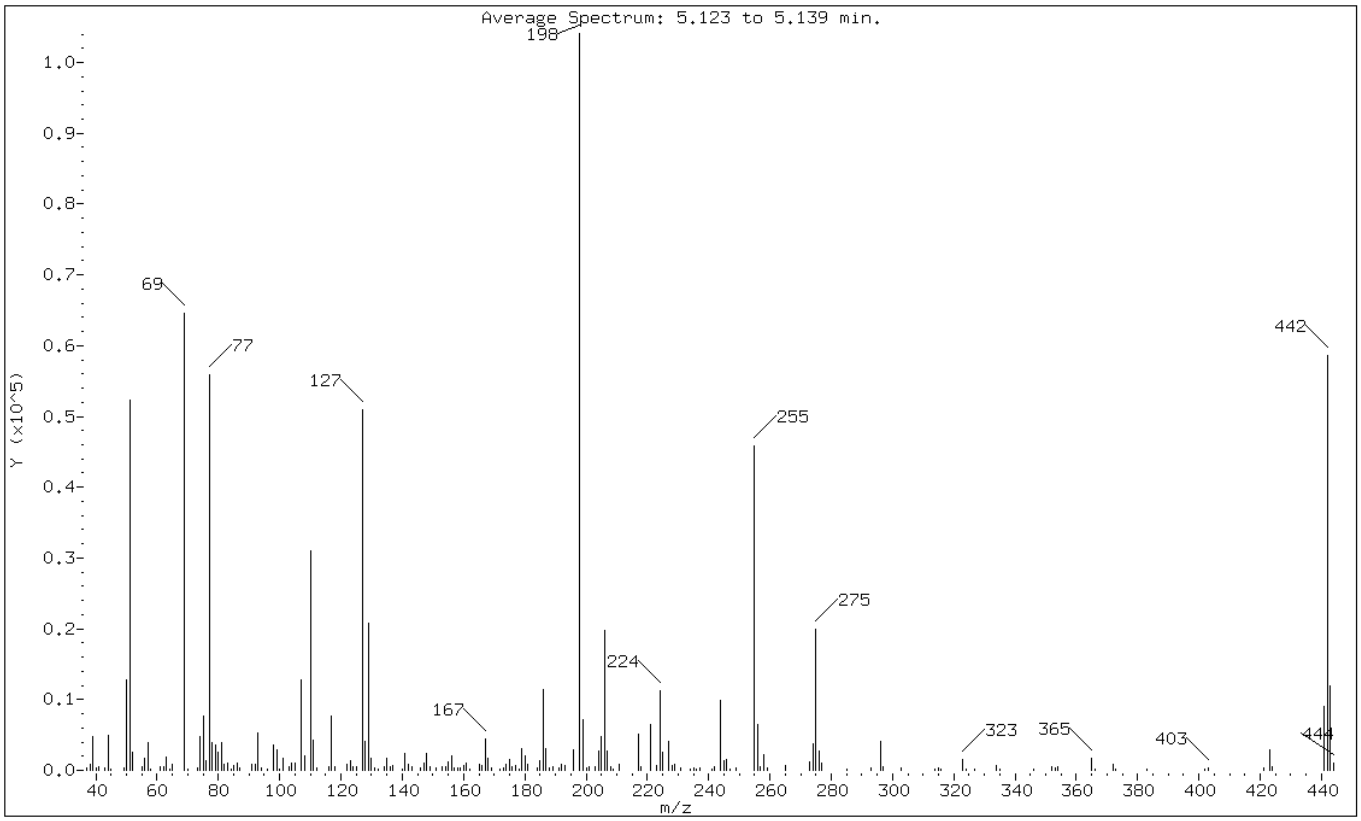
Data File: u78918.d

Date: 31-JUL-2012 08:35

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	50.28
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	61.96
70	Less than 2.00% of mass 69	0.14 (0.22)
127	40.00 - 60.00% of mass 198	48.89
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.84
275	10.00 - 30.00% of mass 198	19.16
365	Greater than 1.00% of mass 198	1.71
441	0.01 - 100.00% of mass 443	8.67 (75.42)
442	40.00 - 110.00% of mass 198	56.31
443	17.00 - 23.00% of mass 442	11.49 (20.41)

Data File: u78918.d

Date: 31-JUL-2012 08:35

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/07-31-12/31jul12b.b/u78918.d
Spectrum: Average Spectrum: 5.123 to 5.139 min.
Location of Maximum: 198.00
Number of points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	258	104.00	1081	172.00	248	244.00	9857
38.00	802	105.00	1006	173.00	393	245.00	1419
39.00	4833	107.00	12706	174.00	793	246.00	1524
40.00	324	108.00	2059	175.00	1524	247.00	253
41.00	452	110.00	31000	176.00	482	249.00	280
43.00	398	111.00	4224	177.00	619	255.00	45816
44.00	4995	112.00	353	178.00	127	256.00	6492
45.00	108	116.00	433	179.00	3015	257.00	513
49.00	344	117.00	7689	180.00	2036	258.00	2263
50.00	12715	118.00	458	181.00	838	259.00	273
51.00	52336	122.00	799	184.00	256	265.00	682
52.00	2519	123.00	1338	185.00	1381	273.00	1173
55.00	468	124.00	498	186.00	11400	274.00	3670
56.00	1640	125.00	557	187.00	3022	275.00	19944
57.00	3903	127.00	50896	188.00	307	276.00	2746
58.00	212	128.00	4019	189.00	473	277.00	1089
61.00	556	129.00	20816	191.00	261	285.00	121
62.00	577	130.00	1717	192.00	811	293.00	261
63.00	1808	131.00	291	193.00	726	296.00	4111
64.00	170	132.00	115	196.00	2862	297.00	497
65.00	935	134.00	435	198.00	104096	303.00	395
69.00	64488	135.00	1644	199.00	7124	314.00	128
70.00	145	136.00	524	200.00	390	315.00	407
73.00	343	137.00	600	201.00	453	316.00	220
74.00	4785	140.00	148	203.00	461	323.00	1586
75.00	7610	141.00	2413	204.00	2671	324.00	119
76.00	1393	142.00	896	205.00	4761	327.00	144
77.00	55848	143.00	451	206.00	19768	334.00	764
78.00	3967	146.00	362	207.00	2705	335.00	128
79.00	3537	147.00	1085	208.00	516	346.00	129
80.00	2565	148.00	2441	209.00	100	352.00	438
81.00	3859	149.00	513	211.00	780	353.00	330
82.00	887	151.00	337	217.00	5185	354.00	481
83.00	1062	153.00	579	218.00	537	365.00	1776
84.00	239	154.00	483	221.00	6481	366.00	254
85.00	634	155.00	1120	223.00	754	372.00	832
86.00	1021	156.00	1964	224.00	11254	373.00	119
87.00	343	157.00	383	225.00	2602	383.00	110
91.00	821	158.00	370	227.00	4090	402.00	181
92.00	857	159.00	267	228.00	649	403.00	414

93.00	5198	160.00	701	229.00	797	421.00	420
94.00	301	161.00	1086	231.00	364	423.00	2847
96.00	160	162.00	179	234.00	242	424.00	517
98.00	3619	165.00	893	235.00	308	441.00	9022
99.00	2865	166.00	634	236.00	105	442.00	58616
100.00	228	167.00	4347	237.00	345	443.00	11962
101.00	1740	168.00	1669	241.00	249	444.00	978
103.00	572	169.00	319	242.00	488		

Data File: /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79109.d
Report Date: 07-Aug-2012 12:29

TestAmerica

Data file : /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79109.d
Lab Smp Id: DFTPP-1653831
Inj Date : 06-AUG-2012 13:22
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-1653831
Misc Info : 25ng/uL DFTPP Lot 4687
Comment :
Method : /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/BNADFTPP.m
Meth Date : 31-Jul-2012 00:45 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

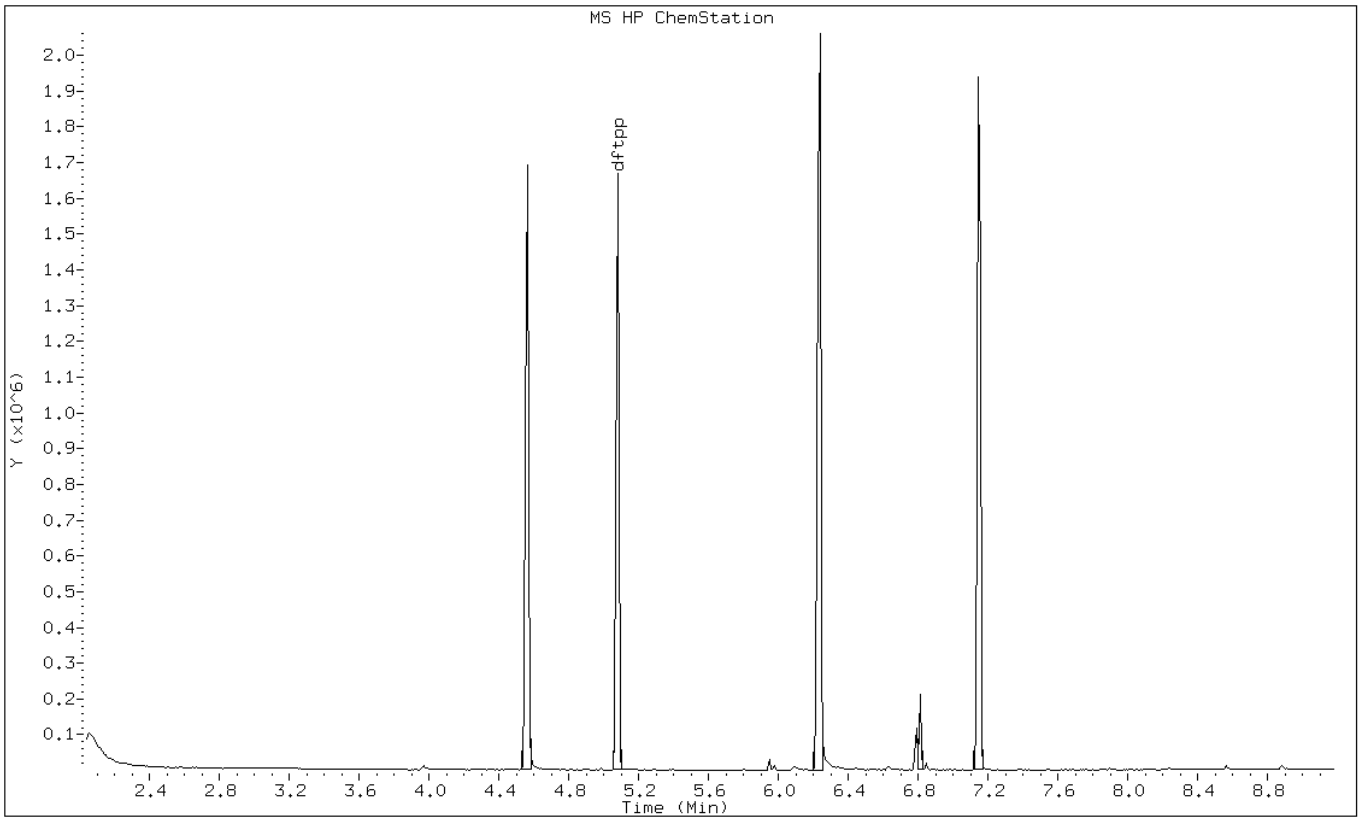
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.079	5.140	-0.061	198	136517			0.00- 100.00	100.00
5.079	5.140	-0.061	51	61632			30.00- 60.00	45.15
5.079	5.140	-0.061	68	0			0.00- 2.00	0.00
5.079	5.140	-0.061	69	83514			0.00- 0.00	61.17
5.079	5.140	-0.061	70	283			0.00- 2.00	0.34
5.079	5.140	-0.061	127	64202			40.00- 60.00	47.03
5.079	5.140	-0.061	197	0			0.00- 1.00	0.00
5.079	5.140	-0.061	199	9002			5.00- 9.00	6.59
5.079	5.140	-0.061	275	27907			10.00- 30.00	20.44
5.079	5.140	-0.061	365	2769			1.00- 0.00	2.03
5.079	5.140	-0.061	441	15290			0.01- 100.00	78.27
5.079	5.140	-0.061	442	100640			40.00- 110.00	73.72
5.079	5.140	-0.061	443	19534			17.00- 23.00	19.41

Data File: uu79109.d

Date: 06-AUG-2012 13:22

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNA2



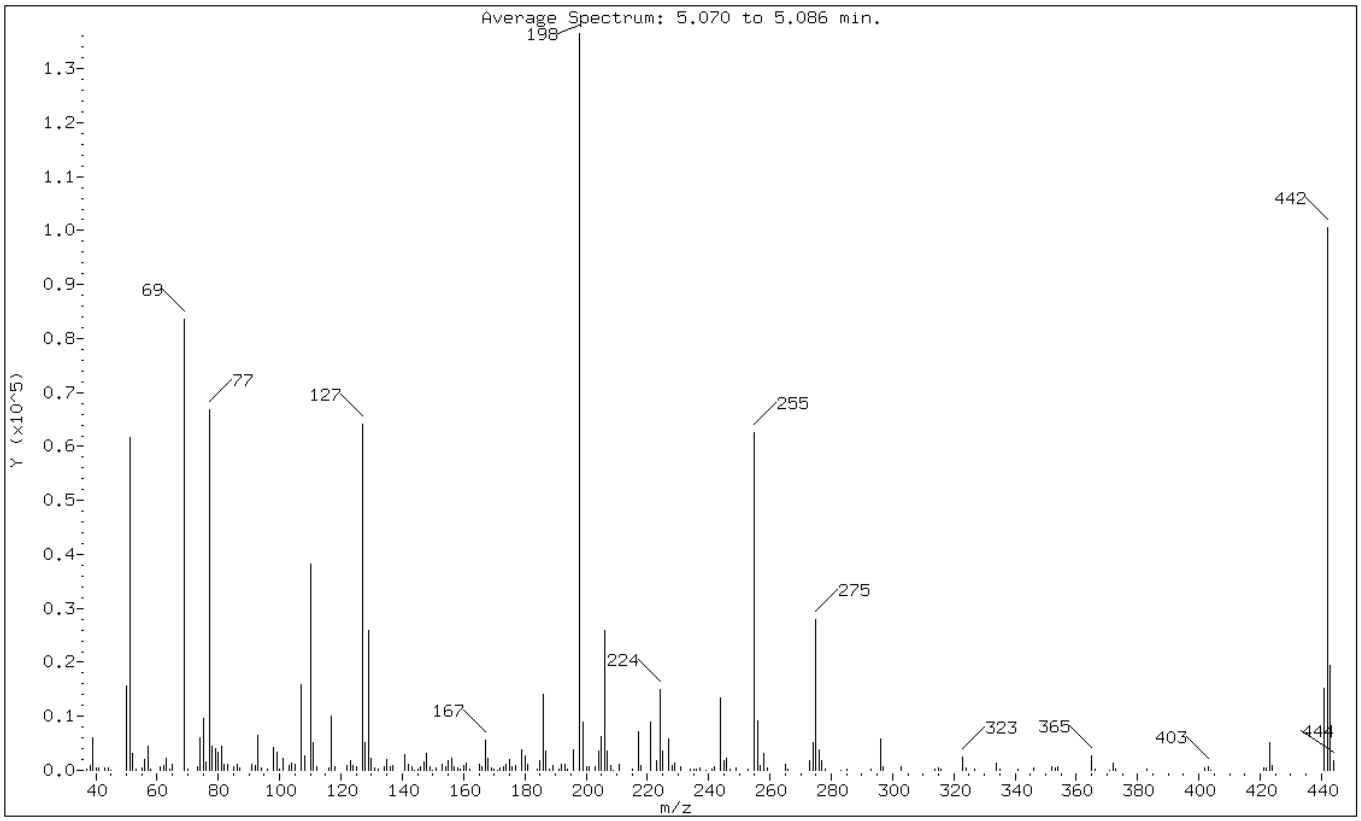
Data File: uu79109.d

Date: 06-AUG-2012 13:22

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	45.15
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	61.17
70	Less than 2.00% of mass 69	0.21 (0.34)
127	40.00 - 60.00% of mass 198	47.03
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.59
275	10.00 - 30.00% of mass 198	20.44
365	Greater than 1.00% of mass 198	2.03
441	0.01 - 100.00% of mass 443	11.20 (78.27)
442	40.00 - 110.00% of mass 198	73.72
443	17.00 - 23.00% of mass 442	14.31 (19.41)

Data File: uu79109.d

Date: 06-AUG-2012 13:22

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79109.d
Spectrum: Average Spectrum: 5.070 to 5.086 min.
Location of Maximum: 198.00
Number of points: 204

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	116	111.00	5145	177.00	886	256.00	9191
38.00	968	112.00	609	179.00	3760	257.00	782
39.00	5948	116.00	462	180.00	2637	258.00	3044
40.00	476	117.00	9950	181.00	1210	259.00	388
41.00	418	118.00	749	184.00	166	265.00	1156
43.00	386	122.00	989	185.00	1856	266.00	118
44.00	458	123.00	1721	186.00	14105	273.00	1827
45.00	100	124.00	793	187.00	3535	274.00	5249
50.00	15562	125.00	672	188.00	305	275.00	27904
51.00	61632	127.00	64200	189.00	817	276.00	3734
52.00	3203	128.00	5140	191.00	118	277.00	1833
53.00	114	129.00	26000	192.00	1072	278.00	277
55.00	519	130.00	2164	193.00	1134	283.00	109
56.00	1948	131.00	409	194.00	135	285.00	237
57.00	4499	132.00	123	196.00	3724	293.00	332
58.00	113	134.00	644	198.00	136512	296.00	5832
61.00	718	135.00	1919	199.00	9002	297.00	717
62.00	795	136.00	770	200.00	609	303.00	686
63.00	2269	137.00	858	201.00	695	314.00	253
64.00	318	141.00	2945	203.00	631	315.00	509
65.00	1215	142.00	1014	204.00	3561	316.00	288
69.00	83512	143.00	645	205.00	6219	323.00	2423
70.00	283	144.00	108	206.00	25896	324.00	348
73.00	669	145.00	115	207.00	3511	327.00	312
74.00	5991	146.00	561	208.00	838	334.00	1343
75.00	9681	147.00	1590	209.00	109	335.00	284
76.00	1562	148.00	3086	211.00	1046	341.00	243
77.00	66768	149.00	648	215.00	148	346.00	386
78.00	4425	150.00	100	217.00	7182	352.00	635
79.00	4035	151.00	414	218.00	873	353.00	425
80.00	3291	153.00	1050	221.00	8936	354.00	633
81.00	4481	154.00	723	223.00	1733	365.00	2769
82.00	1092	155.00	1717	224.00	14963	366.00	319
83.00	1165	156.00	2340	225.00	3668	371.00	104
85.00	768	157.00	588	227.00	5725	372.00	1233
86.00	1170	158.00	516	228.00	891	373.00	254
87.00	410	159.00	330	229.00	1302	383.00	309
91.00	1033	160.00	824	231.00	573	402.00	468
92.00	969	161.00	1377	234.00	290	403.00	620
93.00	6373	162.00	176	235.00	314	404.00	109

94.00	438	165.00	1076	236.00	156	421.00	540
96.00	280	166.00	724	237.00	373	422.00	511
98.00	4326	167.00	5693	239.00	104	423.00	5040
99.00	3405	168.00	2307	241.00	288	424.00	967
100.00	216	169.00	442	242.00	715	441.00	15290
101.00	2131	170.00	114	244.00	13392	442.00	100640
103.00	936	171.00	107	245.00	1852	443.00	19528
104.00	1255	172.00	519	246.00	2125	444.00	1749
105.00	1153	173.00	560	247.00	310		
107.00	15884	174.00	1011	249.00	341		
108.00	2593	175.00	2086	253.00	121		
110.00	38112	176.00	696	255.00	62648		

Data File: /chem/BNAMS5.i/8270/07-19-12/19jul12.b/x28353.d
Report Date: 19-Jul-2012 04:13

TestAmerica

Data file : /chem/BNAMS5.i/8270/07-19-12/19jul12.b/x28353.d
Lab Smp Id: DFTPP-1427854
Inj Date : 19-JUL-2012 01:46
Operator : BNAMS3 Inst ID: BNAMS5.i
Smp Info : DFTPP-1427854
Misc Info : 25 ppm bna 4642
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/19jul12.b/BNADFTPP.m
Meth Date : 12-Jul-2012 00:59 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

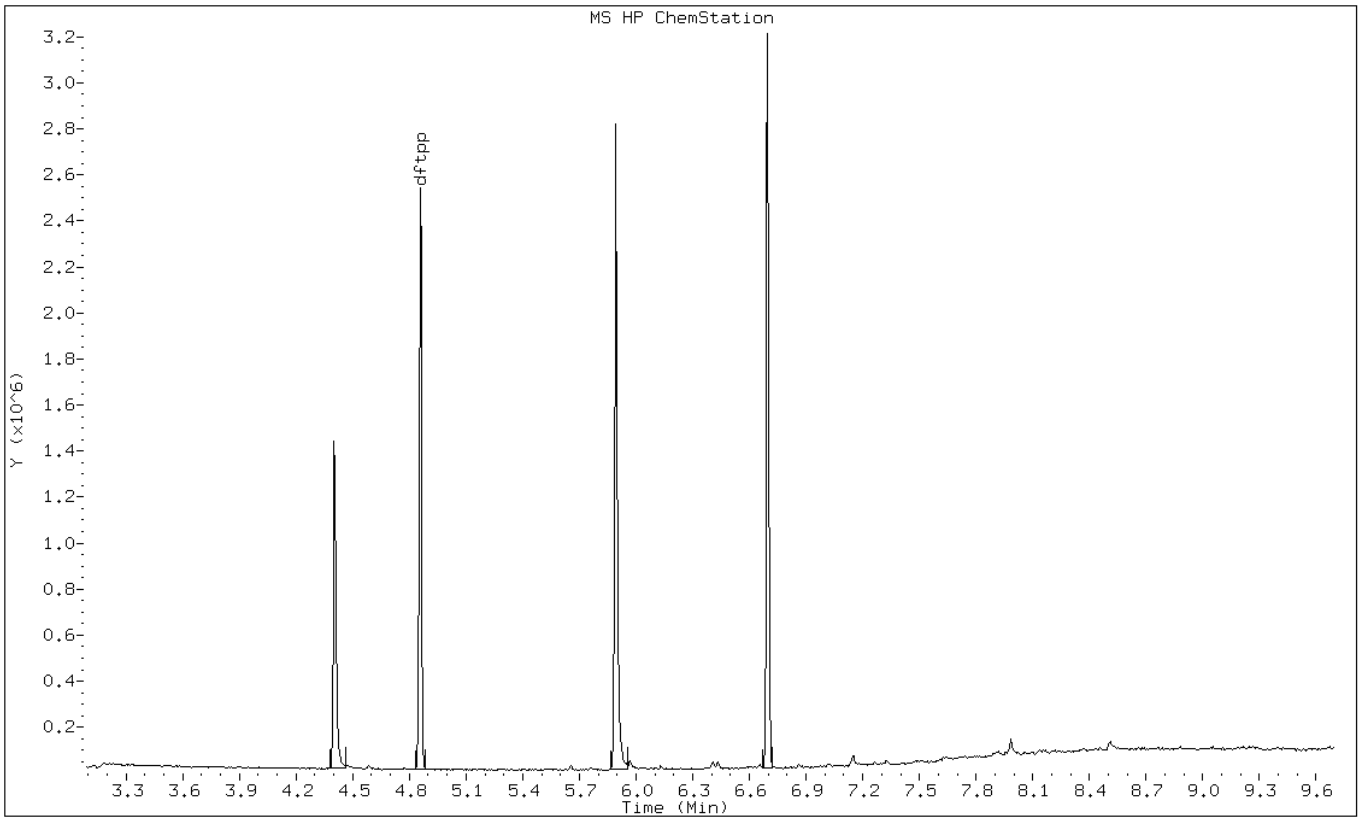
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.857	4.948	-0.091	198	212352			0.00- 100.00	100.00
4.857	4.948	-0.091	51	92128			30.00- 60.00	43.38
4.857	4.948	-0.091	68	1500			0.00- 2.00	1.63
4.857	4.948	-0.091	69	92032			0.00- 0.00	43.34
4.857	4.948	-0.091	70	468			0.00- 2.00	0.51
4.857	4.948	-0.091	127	112784			40.00- 60.00	53.11
4.857	4.948	-0.091	197	861			0.00- 1.00	0.41
4.857	4.948	-0.091	199	14955			5.00- 9.00	7.04
4.857	4.948	-0.091	275	58704			10.00- 30.00	27.64
4.857	4.948	-0.091	365	9655			1.00- 0.00	4.55
4.857	4.948	-0.091	441	10096			0.01- 100.00	30.54
4.857	4.948	-0.091	442	173112			40.00- 110.00	81.52
4.857	4.948	-0.091	443	33062			17.00- 23.00	19.10

Data File: x28353.d

Date: 19-JUL-2012 01:46

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1427854 Operator: BNAMS3



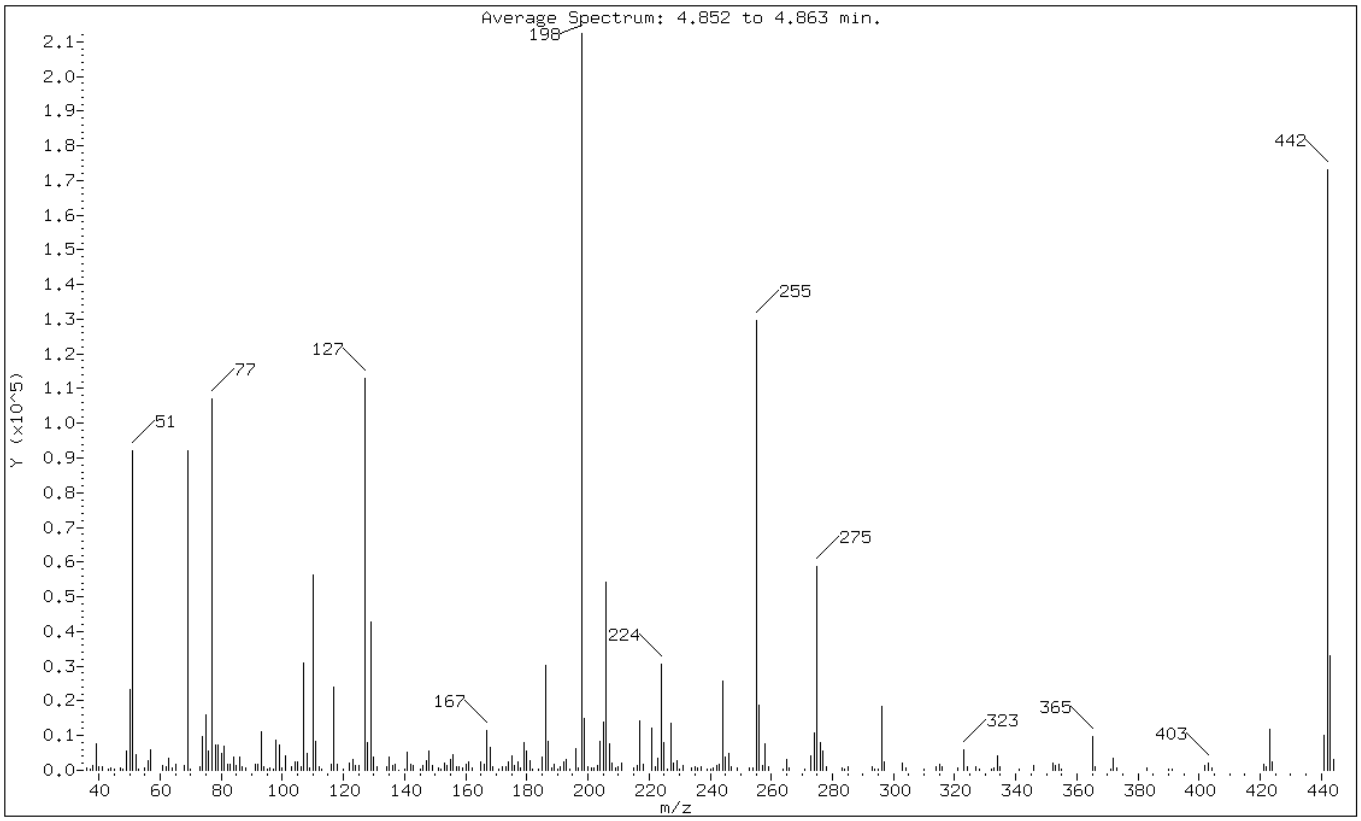
Data File: x28353.d

Date: 19-JUL-2012 01:46

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1427854 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.38
68	Less than 2.00% of mass 69	0.71 (1.63)
69	Mass 69 relative abundance	43.34
70	Less than 2.00% of mass 69	0.22 (0.51)
127	40.00 - 60.00% of mass 198	53.11
197	Less than 1.00% of mass 198	0.41
199	5.00 - 9.00% of mass 198	7.04
275	10.00 - 30.00% of mass 198	27.64
365	Greater than 1.00% of mass 198	4.55
441	0.01 - 100.00% of mass 443	4.75 (30.54)
442	40.00 - 110.00% of mass 198	81.52
443	17.00 - 23.00% of mass 442	15.57 (19.10)

Data File: x28353.d

Date: 19-JUL-2012 01:46

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1427854 Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/07-19-12/19jul12.b/x28353.d
Spectrum: Average Spectrum: 4.852 to 4.863 min.
Location of Maximum: 198.00
Number of points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	766	110.00	56296	185.00	3805	259.00	1213
37.00	488	111.00	8480	186.00	30368	264.00	339
38.00	1437	112.00	952	187.00	8205	265.00	3285
39.00	7816	113.00	443	188.00	759	266.00	739
40.00	903	116.00	1655	189.00	1892	271.00	211
41.00	885	117.00	23888	190.00	378	273.00	4281
43.00	226	118.00	1909	191.00	1027	274.00	10688
44.00	648	120.00	442	192.00	2338	275.00	58704
45.00	191	122.00	1941	193.00	3108	276.00	8008
47.00	783	123.00	3275	194.00	510	277.00	5598
48.00	215	124.00	1441	196.00	6408	278.00	891
49.00	5428	125.00	1326	197.00	861	283.00	574
50.00	23360	127.00	112784	198.00	212352	284.00	179
51.00	92128	128.00	8138	199.00	14955	285.00	1016
52.00	4441	129.00	42800	200.00	959	293.00	1187
53.00	174	130.00	3681	201.00	807	294.00	249
55.00	688	131.00	963	202.00	633	295.00	303
56.00	2847	134.00	1136	203.00	1531	296.00	18264
57.00	6056	135.00	3663	204.00	8192	297.00	2408
61.00	1304	136.00	1321	205.00	13868	303.00	2019
62.00	1152	137.00	1730	206.00	54152	304.00	564
63.00	3649	138.00	170	207.00	7549	310.00	185
64.00	680	140.00	520	208.00	2193	314.00	989
65.00	1613	141.00	5331	209.00	619	315.00	1820
68.00	1500	142.00	1723	210.00	1009	316.00	883
69.00	92032	143.00	1310	211.00	2232	321.00	662
70.00	468	145.00	178	215.00	663	323.00	6053
73.00	880	146.00	1231	216.00	1492	324.00	977
74.00	9599	147.00	2951	217.00	14268	327.00	1186
75.00	16051	148.00	5668	218.00	1647	328.00	463
76.00	5626	149.00	1520	221.00	12090	332.00	390
77.00	107088	151.00	575	222.00	1145	333.00	590
78.00	7320	152.00	247	223.00	3449	334.00	4029
79.00	7204	153.00	1938	224.00	30632	335.00	1140
80.00	4761	154.00	1387	225.00	8080	341.00	514
81.00	7031	155.00	2991	226.00	367	346.00	1222
82.00	1910	156.00	4642	227.00	13546	352.00	1927
83.00	1764	157.00	1190	228.00	1960	353.00	1380
84.00	3995	158.00	992	229.00	2763	354.00	1847
85.00	1333	159.00	651	230.00	401	355.00	195

86.00	3882	160.00	1786	231.00	1251	365.00	9655
87.00	952	161.00	2480	234.00	699	366.00	1216
88.00	853	162.00	867	235.00	954	371.00	453
91.00	1716	165.00	2327	236.00	640	372.00	3417
92.00	1683	166.00	1735	237.00	1137	373.00	812
93.00	11026	167.00	11609	239.00	494	383.00	720
94.00	1047	168.00	6500	240.00	214	390.00	509
95.00	180	169.00	1111	241.00	835	391.00	365
96.00	679	171.00	183	242.00	1527	402.00	1563
97.00	180	172.00	978	243.00	1877	403.00	2152
98.00	8814	173.00	1060	244.00	25880	404.00	557
99.00	7420	174.00	2282	245.00	3714	421.00	1656
100.00	779	175.00	4190	246.00	4776	422.00	983
101.00	4263	176.00	1264	247.00	946	423.00	11696
103.00	1180	177.00	2492	249.00	846	424.00	2500
104.00	2476	178.00	598	253.00	752	441.00	10096
105.00	2411	179.00	7979	254.00	554	442.00	173056
106.00	911	180.00	5675	255.00	129728	443.00	33056
107.00	30776	181.00	2777	256.00	18744	444.00	3113
108.00	4972	182.00	229	257.00	1412		
109.00	818	184.00	474	258.00	7579		

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28834.d
Report Date: 02-Aug-2012 02:16

TestAmerica

Data file : /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28834.d
Lab Smp Id: DFTPP-1427854
Inj Date : 02-AUG-2012 00:59
Operator : BNAMS3 Inst ID: BNAMS5.i
Smp Info : DFTPP-1427854
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/02aug12.b/BNADFTPP.m
Meth Date : 12-Jul-2012 00:59 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 28 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

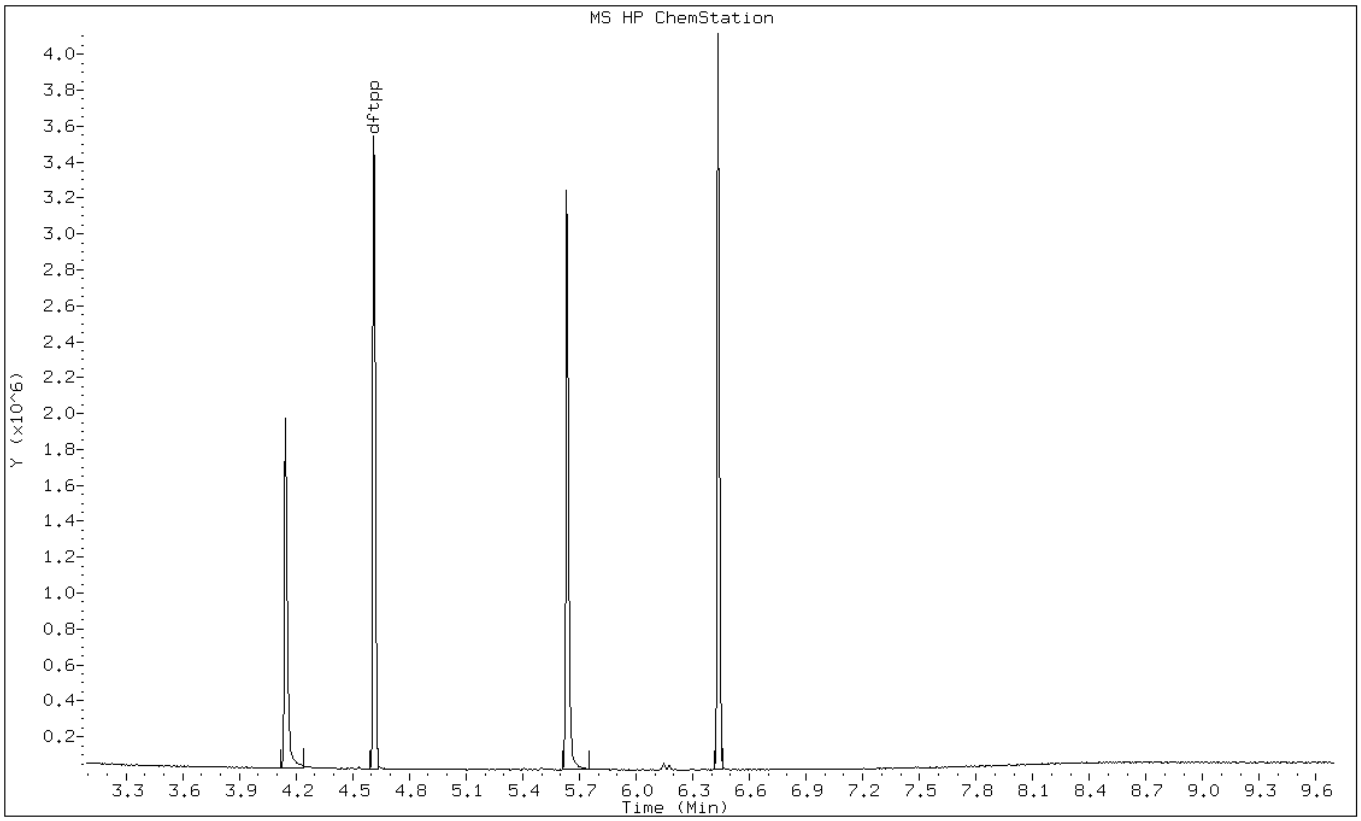
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.611	4.948	-0.337	198	295488			0.00- 100.00	100.00
4.611	4.948	-0.337	51	130541			30.00- 60.00	44.18
4.611	4.948	-0.337	68	2297			0.00- 2.00	1.75
4.611	4.948	-0.337	69	131370			0.00- 0.00	44.46
4.611	4.948	-0.337	70	853			0.00- 2.00	0.65
4.611	4.948	-0.337	127	158533			40.00- 60.00	53.65
4.611	4.948	-0.337	197	0			0.00- 1.00	0.00
4.611	4.948	-0.337	199	19920			5.00- 9.00	6.74
4.611	4.948	-0.337	275	82274			10.00- 30.00	27.84
4.611	4.948	-0.337	365	12534			1.00- 0.00	4.24
4.611	4.948	-0.337	441	39546			0.01- 100.00	81.87
4.611	4.948	-0.337	442	238400			40.00- 110.00	80.68
4.611	4.948	-0.337	443	48304			17.00- 23.00	20.26

Data File: x28834.d

Date: 02-AUG-2012 00:59

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1427854 Operator: BNAMS3



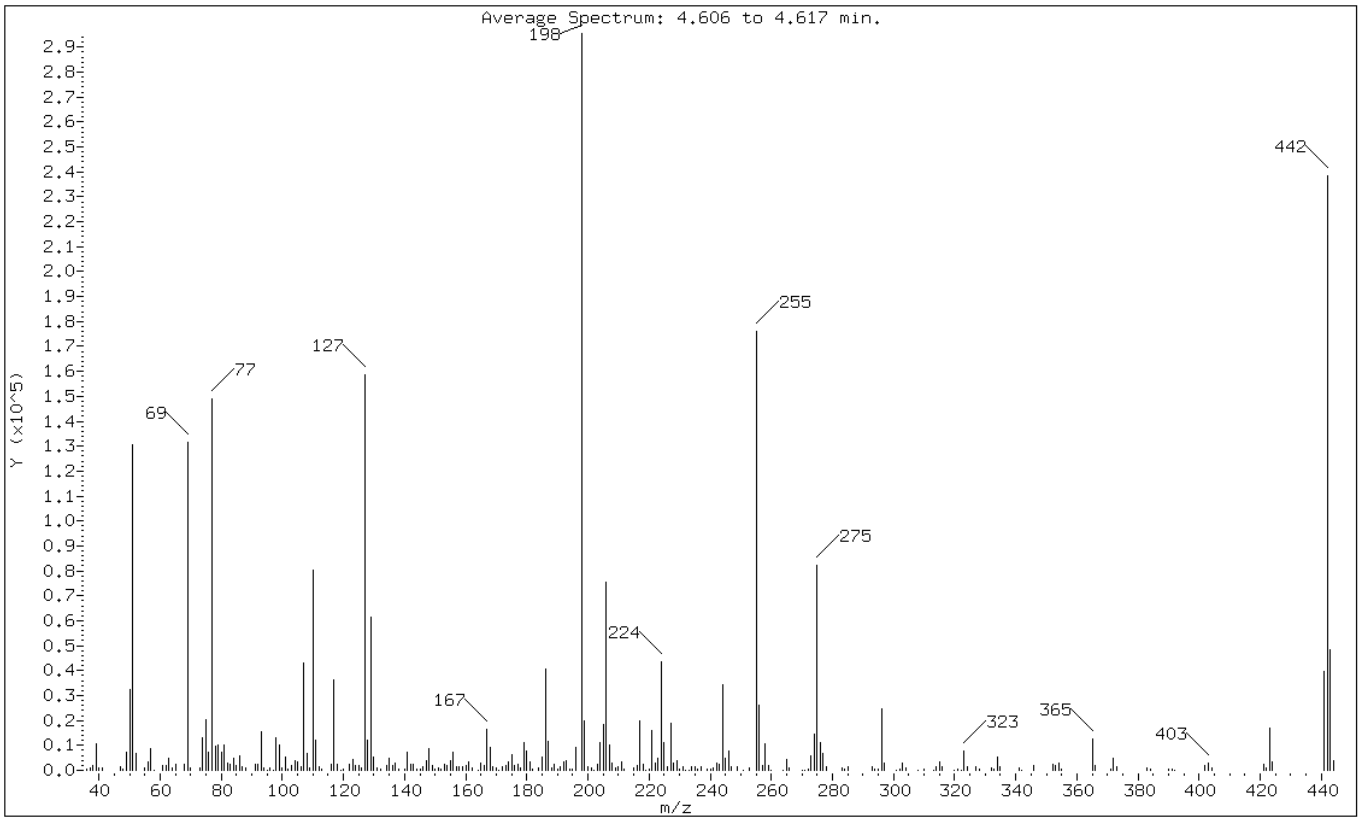
Data File: x28834.d

Date: 02-AUG-2012 00:59

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1427854 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	44.18
68	Less than 2.00% of mass 69	0.78 (1.75)
69	Mass 69 relative abundance	44.46
70	Less than 2.00% of mass 69	0.29 (0.65)
127	40.00 - 60.00% of mass 198	53.65
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.74
275	10.00 - 30.00% of mass 198	27.84
365	Greater than 1.00% of mass 198	4.24
441	0.01 - 100.00% of mass 443	13.38 (81.87)
442	40.00 - 110.00% of mass 198	80.68
443	17.00 - 23.00% of mass 442	16.35 (20.26)

Data File: x28834.d

Date: 02-AUG-2012 00:59

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1427854 Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28834.d
Spectrum: Average Spectrum: 4.606 to 4.617 min.
Location of Maximum: 198.00
Number of points: 264

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	706	120.00	460	192.00	3269	273.00	5713
37.00	812	122.00	2583	193.00	3963	274.00	14436
38.00	1902	123.00	4555	194.00	597	275.00	82272
39.00	10849	124.00	1818	195.00	480	276.00	11200
40.00	991	125.00	1829	196.00	9026	277.00	6903
41.00	744	126.00	821	198.00	295488	278.00	1295
47.00	1395	127.00	158528	199.00	19920	283.00	750
48.00	664	128.00	12106	200.00	1478	284.00	475
49.00	7272	129.00	61288	201.00	1200	285.00	1275
50.00	32448	130.00	5487	202.00	194	293.00	1584
51.00	130536	131.00	1053	203.00	2398	294.00	419
52.00	6777	132.00	437	204.00	11223	295.00	243
55.00	848	134.00	1823	205.00	18280	296.00	24720
56.00	3581	135.00	4797	206.00	75352	297.00	3105
57.00	8579	136.00	1967	207.00	10202	301.00	193
58.00	183	137.00	2683	208.00	2829	302.00	507
61.00	1718	138.00	485	209.00	1019	303.00	3065
62.00	1948	140.00	556	210.00	1420	304.00	943
63.00	4895	141.00	7347	211.00	3265	308.00	176
64.00	800	142.00	2517	212.00	301	310.00	362
65.00	2616	143.00	2214	215.00	1071	313.00	182
68.00	2297	144.00	368	216.00	1796	314.00	1498
69.00	131328	145.00	445	217.00	19784	315.00	3214
70.00	853	146.00	1532	218.00	2493	316.00	1436
73.00	1040	147.00	3835	219.00	180	320.00	178
74.00	12958	148.00	8838	220.00	470	321.00	536
75.00	20504	149.00	2102	221.00	15736	322.00	187
76.00	7389	150.00	529	222.00	2878	323.00	7497
77.00	148736	151.00	1090	223.00	4801	324.00	1561
78.00	9501	152.00	609	224.00	43480	327.00	1473
79.00	10223	153.00	2502	225.00	11164	328.00	658
80.00	7214	154.00	1886	226.00	1391	332.00	772
81.00	10365	155.00	4100	227.00	18872	333.00	638
82.00	2906	156.00	7065	228.00	2875	334.00	5088
83.00	2537	157.00	1254	229.00	3731	335.00	1287
84.00	5033	158.00	1482	230.00	468	341.00	823
85.00	1964	159.00	1226	231.00	1583	342.00	184
86.00	5899	160.00	2131	232.00	233	346.00	1839
87.00	1675	161.00	3345	233.00	237	352.00	2569
88.00	1157	162.00	1013	234.00	1274	353.00	1907

91.00	2340	164.00	213	235.00	1355	354.00	2959
92.00	2436	165.00	2702	236.00	682	355.00	452
93.00	15644	166.00	1957	237.00	1456	365.00	12534
94.00	1034	167.00	16245	239.00	585	366.00	1791
95.00	209	168.00	9081	240.00	580	371.00	395
96.00	1019	169.00	1449	241.00	1142	372.00	4775
97.00	187	170.00	776	242.00	2670	373.00	1219
98.00	12851	171.00	219	243.00	2580	383.00	1004
99.00	10294	172.00	1348	244.00	34128	384.00	272
100.00	933	173.00	1946	245.00	4859	390.00	525
101.00	5462	174.00	3512	246.00	7536	391.00	547
102.00	268	175.00	6089	247.00	1435	392.00	175
103.00	1960	176.00	1835	249.00	1290	402.00	1978
104.00	3778	177.00	2651	251.00	180	403.00	2747
105.00	3256	178.00	893	253.00	777	404.00	1072
106.00	1240	179.00	11262	255.00	175872	421.00	2282
107.00	43112	180.00	7910	256.00	26064	422.00	963
108.00	6629	181.00	3411	257.00	1814	423.00	17032
109.00	1165	182.00	565	258.00	10402	424.00	3347
110.00	80048	184.00	857	259.00	1755	441.00	39544
111.00	12047	185.00	5518	260.00	199	442.00	238400
112.00	1341	186.00	40408	264.00	187	443.00	48304
113.00	245	187.00	11706	265.00	4250	444.00	4010
116.00	2276	188.00	1208	266.00	1129		
117.00	36280	189.00	2243	270.00	174		
118.00	2604	190.00	464	271.00	203		
119.00	166	191.00	1237	272.00	397		

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12a.b/x28860.d
Report Date: 02-Aug-2012 12:38

TestAmerica

Data file : /chem/BNAMS5.i/8270/07-19-12/02aug12a.b/x28860.d
Lab Smp Id: DFTPP-1653831
Inj Date : 02-AUG-2012 12:37
Operator : BNAMS3 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/02aug12a.b/BNADFTPP.m
Meth Date : 12-Jul-2012 00:59 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

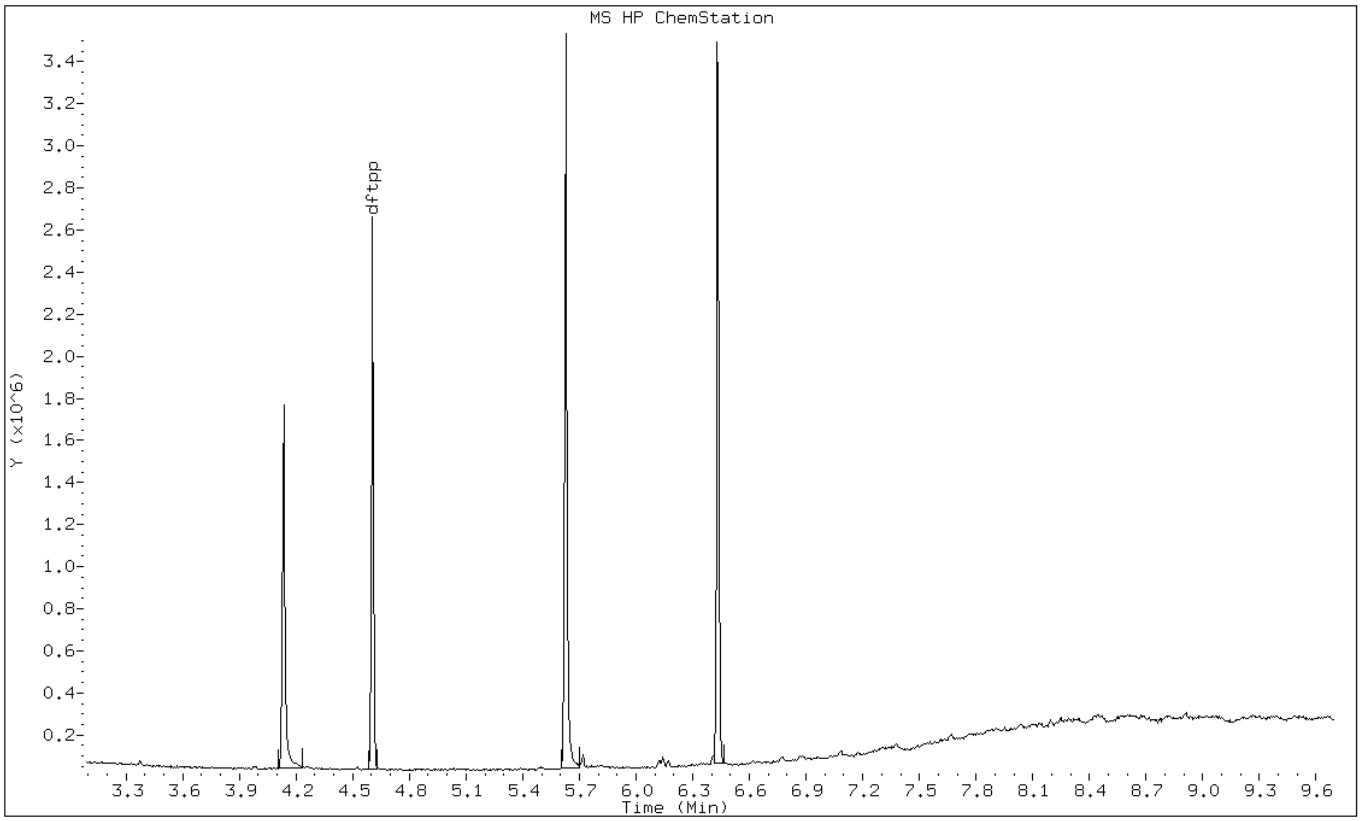
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.606	4.948	-0.342	198	211410			0.00- 100.00	98.46
4.606	4.948	-0.342	51	84752			30.00- 60.00	40.09
4.606	4.948	-0.342	68	1742			0.00- 2.00	1.97
4.606	4.948	-0.342	69	88389			0.00- 0.00	41.81
4.606	4.948	-0.342	70	837			0.00- 2.00	0.95
4.606	4.948	-0.342	127	107760			40.00- 60.00	50.97
4.606	4.948	-0.342	197	0			0.00- 1.00	0.00
4.606	4.948	-0.342	199	14568			5.00- 9.00	6.89
4.606	4.948	-0.342	275	62066			10.00- 30.00	29.36
4.606	4.948	-0.342	365	9774			1.00- 0.00	4.62
4.606	4.948	-0.342	441	11898			0.01- 100.00	30.55
4.606	4.948	-0.342	442	214720			40.00- 110.00	101.57
4.606	4.948	-0.342	443	38944			17.00- 23.00	18.14

Data File: x28860.d

Date: 02-AUG-2012 12:37

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNAMS3



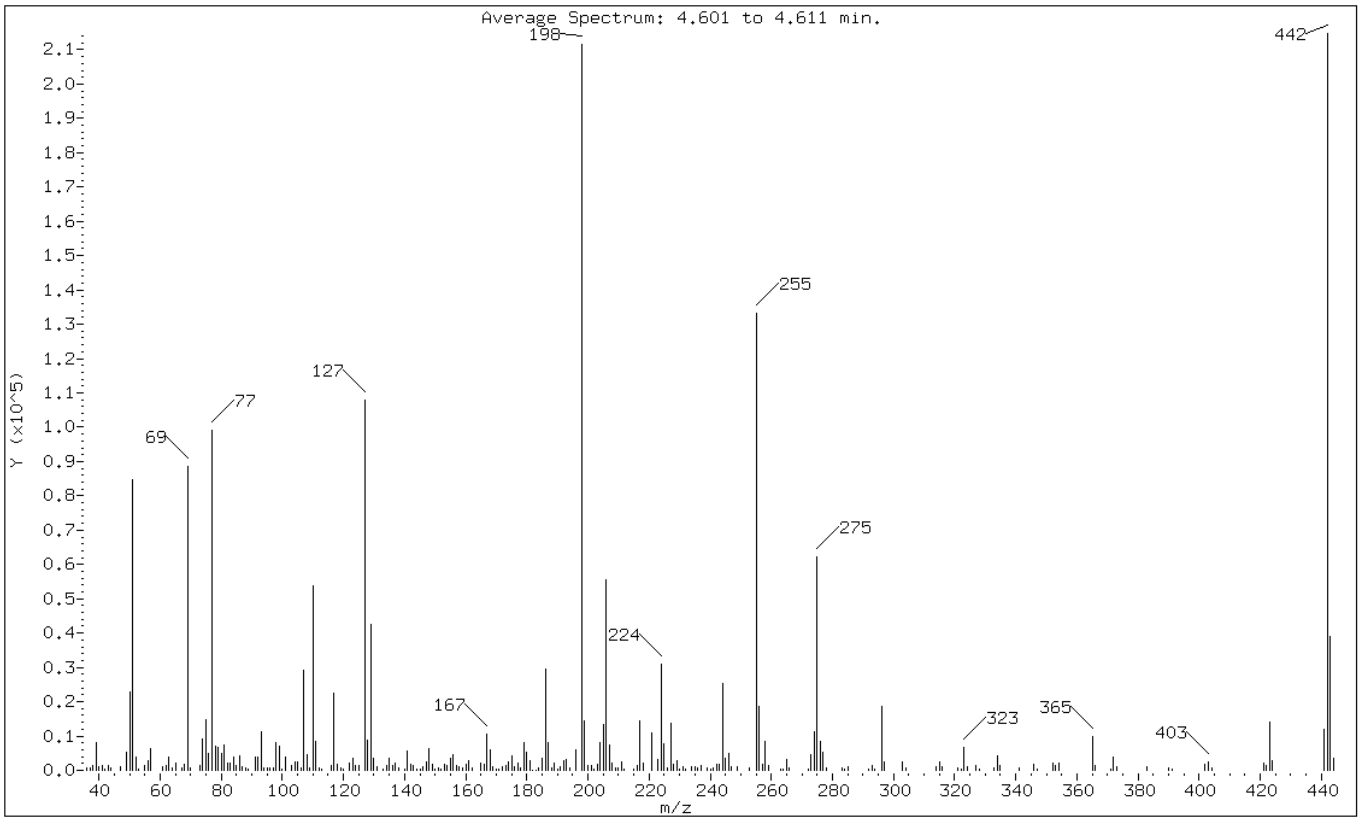
Data File: x28860.d

Date: 02-AUG-2012 12:37

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	40.09
68	Less than 2.00% of mass 69	0.82 (1.97)
69	Mass 69 relative abundance	41.81
70	Less than 2.00% of mass 69	0.40 (0.95)
127	40.00 - 60.00% of mass 198	50.97
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.89
275	10.00 - 30.00% of mass 198	29.36
365	Greater than 1.00% of mass 198	4.62
441	0.01 - 100.00% of mass 443	5.63 (30.55)
442	40.00 - 110.00% of mass 198	101.57
443	17.00 - 23.00% of mass 442	18.42 (18.14)

Data File: x28860.d

Date: 02-AUG-2012 12:37

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12a.b/x28860.d
Spectrum: Average Spectrum: 4.601 to 4.611 min.
Location of Maximum: 442.00
Number of points: 248

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	773	111.00	8275	182.00	175	259.00	1318
37.00	589	112.00	830	183.00	169	263.00	208
38.00	1404	113.00	233	184.00	715	264.00	231
39.00	7926	116.00	1484	185.00	3373	265.00	3140
40.00	972	117.00	22560	186.00	29360	266.00	784
41.00	1573	118.00	1862	187.00	8236	272.00	277
42.00	400	119.00	717	188.00	764	273.00	4473
43.00	1233	120.00	517	189.00	2100	274.00	11159
44.00	798	122.00	2050	190.00	206	275.00	62064
47.00	1098	123.00	3475	191.00	1080	276.00	8436
49.00	5246	124.00	1524	192.00	2753	277.00	5326
50.00	22704	125.00	1508	193.00	3182	278.00	865
51.00	84752	127.00	107760	194.00	533	283.00	816
52.00	3832	128.00	8815	196.00	5987	284.00	295
53.00	417	129.00	42360	198.00	211392	285.00	1015
55.00	1498	130.00	3483	199.00	14568	292.00	181
56.00	2719	131.00	911	200.00	1296	293.00	1287
57.00	6183	133.00	410	201.00	1285	294.00	210
61.00	1198	134.00	1286	202.00	517	296.00	18544
62.00	1432	135.00	3683	203.00	1706	297.00	2534
63.00	3888	136.00	1566	204.00	8093	303.00	2364
64.00	628	137.00	2208	205.00	13505	304.00	673
65.00	1979	138.00	617	206.00	55640	314.00	976
67.00	572	140.00	493	207.00	7468	315.00	2315
68.00	1742	141.00	5571	208.00	2005	316.00	1079
69.00	88384	142.00	1594	209.00	560	321.00	604
70.00	837	143.00	1304	210.00	852	322.00	268
73.00	1393	144.00	199	211.00	2605	323.00	6536
74.00	9132	145.00	369	212.00	364	324.00	1045
75.00	14905	146.00	932	215.00	510	327.00	1326
76.00	5057	147.00	2605	216.00	1306	328.00	296
77.00	99072	148.00	6263	217.00	14277	333.00	578
78.00	6977	149.00	1633	218.00	1947	334.00	4232
79.00	6698	150.00	203	221.00	10760	335.00	1465
80.00	4969	151.00	804	223.00	3244	341.00	762
81.00	7520	152.00	454	224.00	30840	346.00	1637
82.00	2123	153.00	1900	225.00	7748	347.00	205
83.00	1953	154.00	1338	226.00	775	352.00	2115
84.00	3878	155.00	3401	227.00	13851	353.00	1526
85.00	1526	156.00	4679	228.00	1883	354.00	2276

86.00	4058	157.00	1238	229.00	2761	365.00	9774
87.00	1097	158.00	1105	230.00	371	366.00	1408
88.00	751	159.00	876	231.00	1172	371.00	495
89.00	185	160.00	1720	232.00	184	372.00	3776
91.00	3837	161.00	2729	234.00	888	373.00	1006
92.00	3691	162.00	711	235.00	1165	383.00	1037
93.00	11092	165.00	2234	236.00	647	390.00	575
94.00	836	166.00	1661	237.00	1255	391.00	399
95.00	726	167.00	10421	239.00	780	402.00	1825
96.00	706	168.00	5868	240.00	253	403.00	2401
97.00	678	169.00	1107	241.00	758	404.00	872
98.00	8225	170.00	282	242.00	1879	421.00	2133
99.00	7026	171.00	228	243.00	1798	422.00	1451
100.00	457	172.00	980	244.00	25320	423.00	14014
101.00	3886	173.00	1520	245.00	3426	424.00	2962
103.00	1418	174.00	2515	246.00	4885	441.00	11898
104.00	2451	175.00	4273	247.00	925	442.00	214720
105.00	2460	176.00	1198	249.00	985	443.00	38944
106.00	840	177.00	2104	253.00	556	444.00	3674
107.00	29000	178.00	780	255.00	133056		
108.00	4709	179.00	7998	256.00	18512		
109.00	821	180.00	5362	257.00	1856		
110.00	53776	181.00	2679	258.00	8463		

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28884.d
Report Date: 03-Aug-2012 02:31

TestAmerica

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28884.d
Lab Smp Id: DFTPP-1653831
Inj Date : 03-AUG-2012 02:22
Operator : BNAMS3 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/BNADFTPP.m
Meth Date : 12-Jul-2012 00:59 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

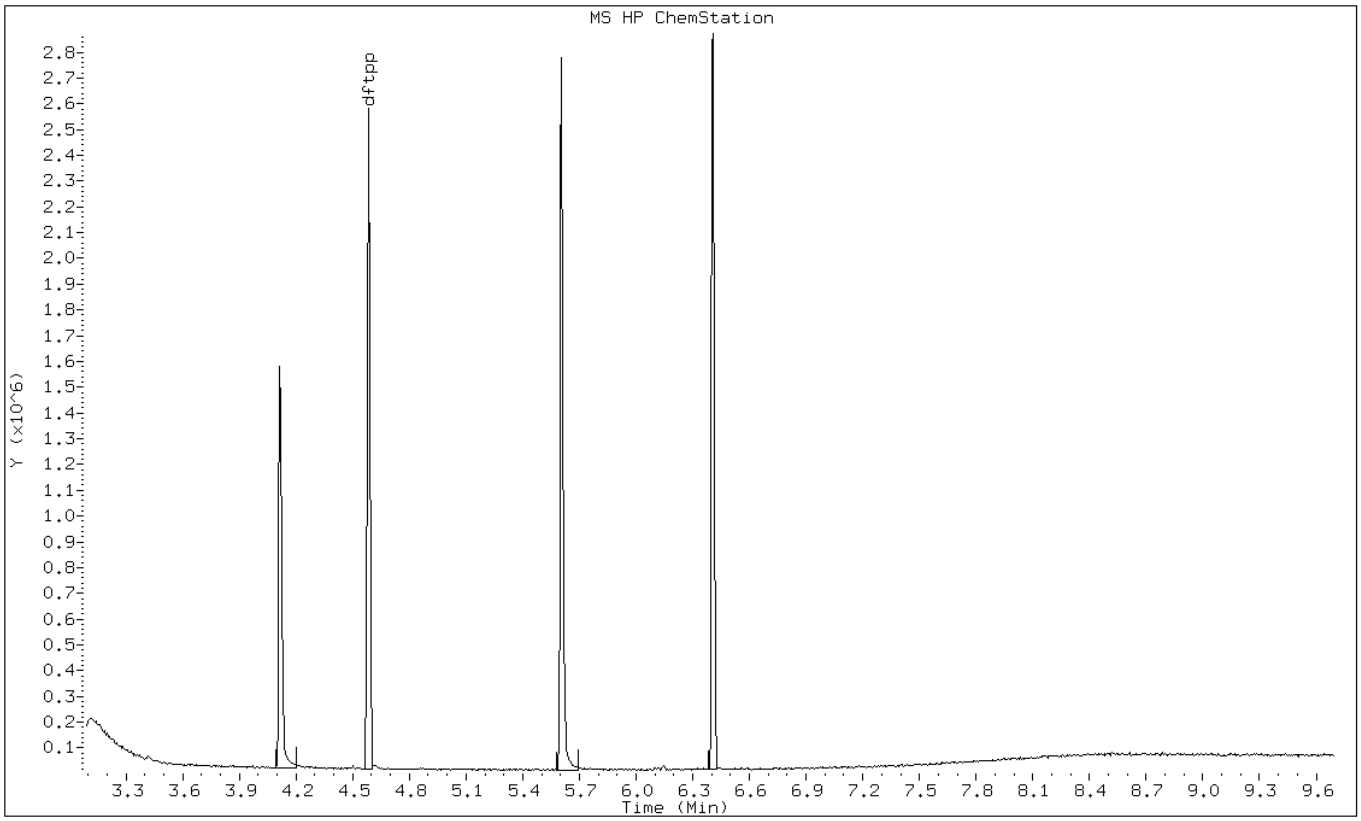
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.584	4.948	-0.364	198	206293			0.00- 100.00	100.00
4.584	4.948	-0.364	51	86693			30.00- 60.00	42.02
4.584	4.948	-0.364	68	1520			0.00- 2.00	1.70
4.584	4.948	-0.364	69	89378			0.00- 0.00	43.33
4.584	4.948	-0.364	70	384			0.00- 2.00	0.43
4.584	4.948	-0.364	127	107325			40.00- 60.00	52.03
4.584	4.948	-0.364	197	0			0.00- 1.00	0.00
4.584	4.948	-0.364	199	14250			5.00- 9.00	6.91
4.584	4.948	-0.364	275	58813			10.00- 30.00	28.51
4.584	4.948	-0.364	365	9425			1.00- 0.00	4.57
4.584	4.948	-0.364	441	30144			0.01- 100.00	89.04
4.584	4.948	-0.364	442	179200			40.00- 110.00	86.87
4.584	4.948	-0.364	443	33853			17.00- 23.00	18.89

Data File: x28884.d

Date: 03-AUG-2012 02:22

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNAMS3



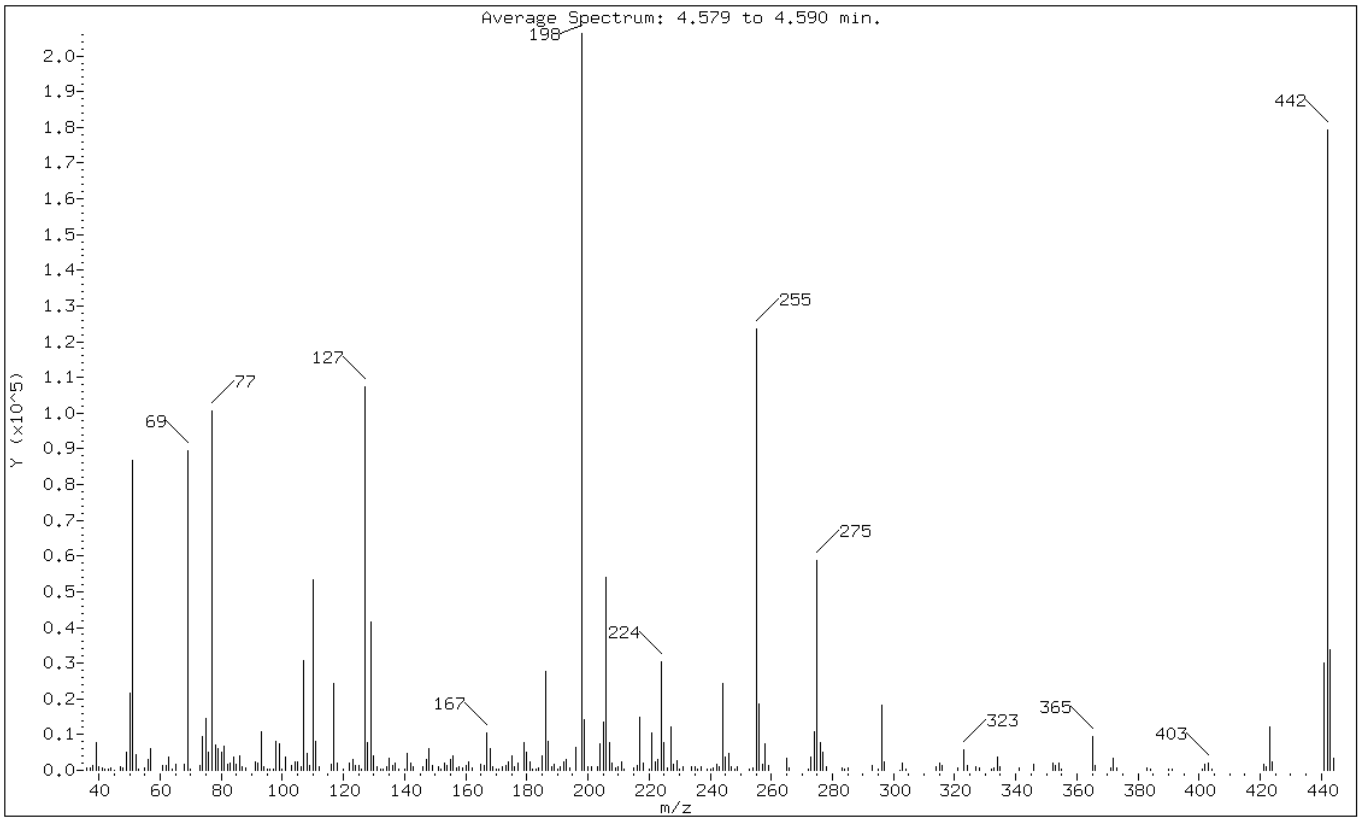
Data File: x28884.d

Date: 03-AUG-2012 02:22

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.02
68	Less than 2.00% of mass 69	0.74 (1.70)
69	Mass 69 relative abundance	43.33
70	Less than 2.00% of mass 69	0.19 (0.43)
127	40.00 - 60.00% of mass 198	52.03
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.91
275	10.00 - 30.00% of mass 198	28.51
365	Greater than 1.00% of mass 198	4.57
441	0.01 - 100.00% of mass 443	14.61 (89.04)
442	40.00 - 110.00% of mass 198	86.87
443	17.00 - 23.00% of mass 442	16.41 (18.89)

Data File: x28884.d

Date: 03-AUG-2012 02:22

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28884.d
Spectrum: Average Spectrum: 4.579 to 4.590 min.
Location of Maximum: 198.00
Number of points: 246

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	674	110.00	53296	184.00	723	258.00	7296
37.00	760	111.00	8215	185.00	3978	259.00	1235
38.00	1299	112.00	849	186.00	27688	265.00	3281
39.00	7748	116.00	1609	187.00	8207	266.00	725
40.00	1041	117.00	24256	188.00	921	272.00	202
41.00	810	118.00	1869	189.00	1832	273.00	3759
42.00	204	120.00	172	190.00	170	274.00	10778
43.00	337	122.00	2141	191.00	1048	275.00	58808
44.00	574	123.00	3160	192.00	2485	276.00	7855
45.00	166	124.00	1415	193.00	2913	277.00	4900
47.00	1077	125.00	1434	194.00	670	278.00	872
48.00	606	126.00	179	196.00	6348	283.00	579
49.00	5101	127.00	107320	198.00	206272	284.00	171
50.00	21656	128.00	7748	199.00	14250	285.00	627
51.00	86688	129.00	41416	200.00	1013	293.00	1344
52.00	4387	130.00	3894	201.00	846	295.00	183
53.00	176	131.00	866	203.00	1171	296.00	18104
55.00	802	132.00	234	204.00	7440	297.00	2458
56.00	2902	133.00	179	205.00	13582	302.00	167
57.00	5972	134.00	1013	206.00	54096	303.00	2126
61.00	1206	135.00	3472	207.00	7800	304.00	388
62.00	1394	136.00	1206	208.00	1991	314.00	1006
63.00	3759	137.00	1956	209.00	656	315.00	2139
64.00	415	138.00	227	210.00	961	316.00	1209
65.00	1827	140.00	445	211.00	2308	321.00	588
68.00	1520	141.00	4759	212.00	207	323.00	5720
69.00	89376	142.00	1895	215.00	731	324.00	1281
70.00	384	143.00	1147	216.00	1433	327.00	1035
73.00	1241	146.00	1047	217.00	14850	328.00	542
74.00	9332	147.00	2970	218.00	1998	332.00	390
75.00	14674	148.00	6152	220.00	274	333.00	534
76.00	5159	149.00	1494	221.00	10467	334.00	3652
77.00	100480	151.00	891	222.00	2377	335.00	1178
78.00	7185	152.00	259	223.00	3196	341.00	728
79.00	6226	153.00	1858	224.00	30256	346.00	1529
80.00	5045	154.00	1425	225.00	7789	352.00	2030
81.00	6862	155.00	3144	226.00	704	353.00	1314
82.00	1691	156.00	3957	227.00	12221	354.00	2131
83.00	2043	157.00	838	228.00	1822	355.00	449
84.00	3631	158.00	1068	229.00	2772	365.00	9425

85.00	1576	159.00	612	230.00	221	366.00	1383
86.00	4038	160.00	1445	231.00	995	371.00	618
87.00	1148	161.00	2314	234.00	860	372.00	3384
88.00	704	162.00	647	235.00	1022	373.00	816
91.00	2490	165.00	1765	236.00	371	383.00	785
92.00	2114	166.00	1468	237.00	1023	384.00	180
93.00	10746	167.00	10560	239.00	473	390.00	417
94.00	890	168.00	6186	240.00	213	391.00	400
95.00	247	169.00	981	241.00	765	401.00	362
96.00	503	170.00	173	242.00	1754	402.00	1751
97.00	214	171.00	386	243.00	889	403.00	1999
98.00	8229	172.00	902	244.00	24312	404.00	483
99.00	7515	173.00	1315	245.00	3618	421.00	1566
100.00	481	174.00	2497	246.00	4843	422.00	1104
101.00	3756	175.00	4090	247.00	1175	423.00	12147
103.00	1415	176.00	1130	248.00	171	424.00	2527
104.00	2316	177.00	1868	249.00	1055	441.00	30144
105.00	2379	179.00	7599	253.00	257	442.00	179200
106.00	1043	180.00	5041	254.00	601	443.00	33848
107.00	30576	181.00	2435	255.00	123576	444.00	3303
108.00	4655	182.00	404	256.00	18696		
109.00	1325	183.00	193	257.00	1634		

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29009.d
Report Date: 07-Aug-2012 15:27

TestAmerica

Data file : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29009.d
Lab Smp Id: DFTPP-1653831
Inj Date : 07-AUG-2012 15:23
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/BNADFTPP.m
Meth Date : 05-Aug-2012 08:52 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 28 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

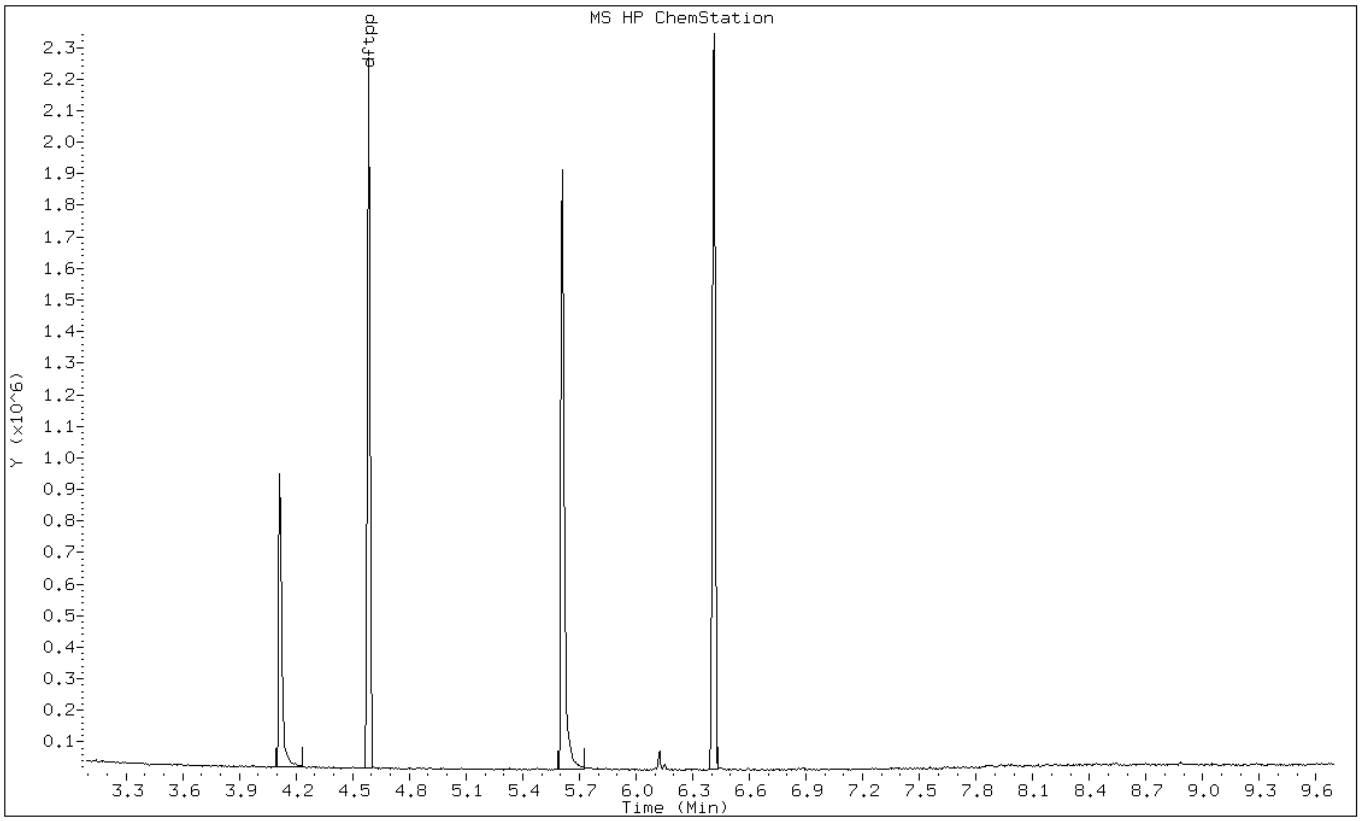
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.585	4.580	0.005	198	175210			0.00- 100.00	100.00
4.585	4.580	0.005	51	78034			30.00- 60.00	44.54
4.585	4.580	0.005	68	1574			0.00- 2.00	1.99
4.585	4.580	0.005	69	79104			0.00- 0.00	45.15
4.585	4.580	0.005	70	200			0.00- 2.00	0.25
4.585	4.580	0.005	127	95901			40.00- 60.00	54.73
4.585	4.580	0.005	197	0			0.00- 1.00	0.00
4.585	4.580	0.005	199	12041			5.00- 9.00	6.87
4.585	4.580	0.005	275	51352			10.00- 30.00	29.31
4.585	4.580	0.005	365	8266			1.00- 0.00	4.72
4.585	4.580	0.005	441	3861			0.01- 100.00	12.42
4.585	4.580	0.005	442	173048			40.00- 110.00	98.77
4.585	4.580	0.005	443	31099			17.00- 23.00	17.97

Data File: x29009.d

Date: 07-AUG-2012 15:23

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNA2



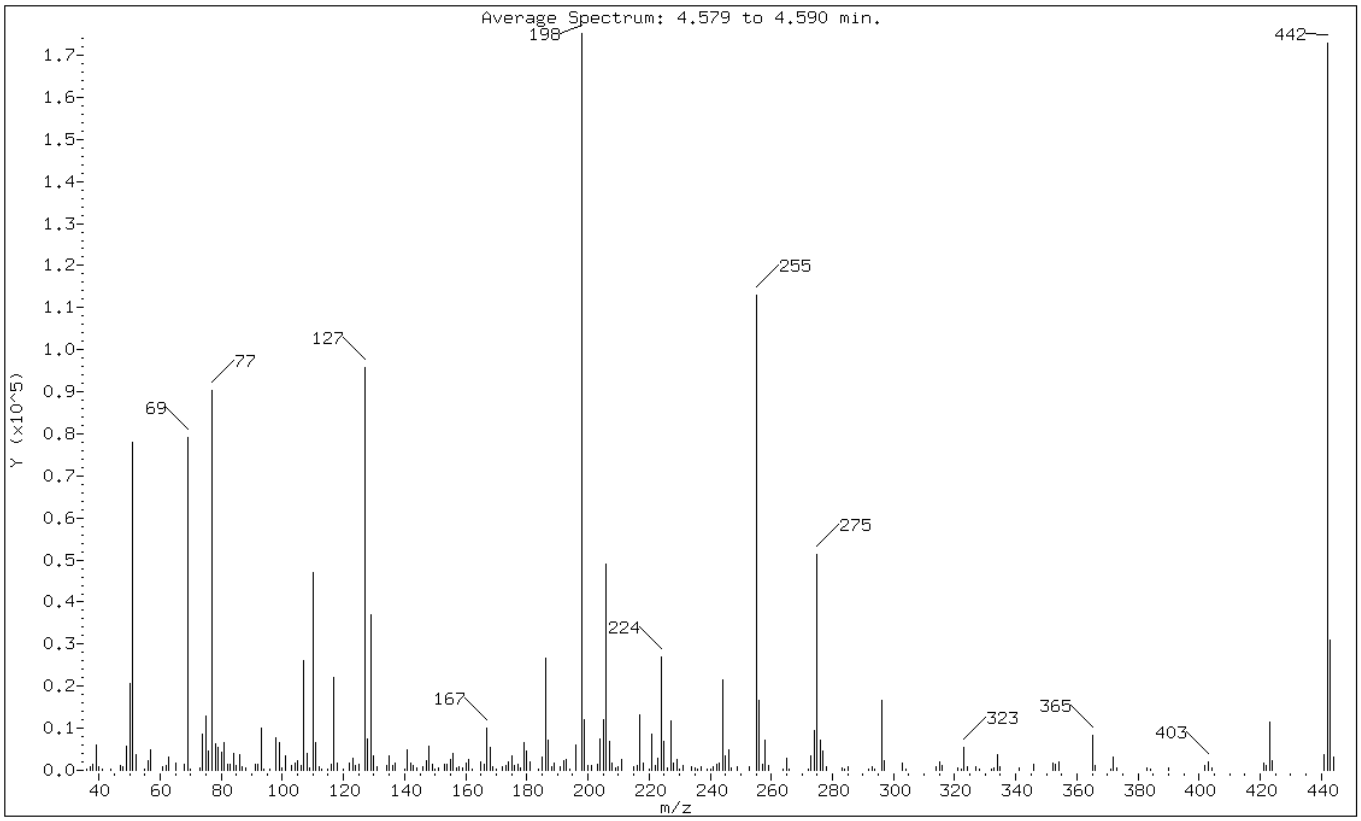
Data File: x29009.d

Date: 07-AUG-2012 15:23

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	44.54
68	Less than 2.00% of mass 69	0.90 (1.99)
69	Mass 69 relative abundance	45.15
70	Less than 2.00% of mass 69	0.11 (0.25)
127	40.00 - 60.00% of mass 198	54.73
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.87
275	10.00 - 30.00% of mass 198	29.31
365	Greater than 1.00% of mass 198	4.72
441	0.01 - 100.00% of mass 443	2.20 (12.42)
442	40.00 - 110.00% of mass 198	98.77
443	17.00 - 23.00% of mass 442	17.75 (17.97)

Data File: x29009.d

Date: 07-AUG-2012 15:23

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/07-19-12/07aug12a.b/x29009.d
Spectrum: Average Spectrum: 4.579 to 4.590 min.
Location of Maximum: 198.00
Number of points: 231

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	352	113.00	194	186.00	26576	264.00	223
37.00	766	115.00	177	187.00	7214	265.00	2882
38.00	1360	116.00	1492	188.00	925	266.00	177
39.00	6025	117.00	22152	189.00	1858	272.00	301
40.00	836	118.00	1643	191.00	826	273.00	3512
41.00	406	120.00	215	192.00	2358	274.00	9551
44.00	206	122.00	1863	193.00	2613	275.00	51352
47.00	1210	123.00	2784	194.00	249	276.00	7044
48.00	818	124.00	1059	196.00	5894	277.00	4669
49.00	5711	125.00	1304	198.00	175168	278.00	806
50.00	20760	127.00	95896	199.00	12041	283.00	542
51.00	78032	128.00	7391	200.00	1182	284.00	194
52.00	3648	129.00	36896	201.00	1277	285.00	771
55.00	308	130.00	3438	203.00	1515	292.00	188
56.00	2435	131.00	825	204.00	7542	293.00	980
57.00	4816	134.00	1086	205.00	12090	294.00	409
61.00	893	135.00	3515	206.00	48888	296.00	16504
62.00	1164	136.00	1150	207.00	6801	297.00	2373
63.00	3195	137.00	1611	208.00	1643	303.00	1829
65.00	1697	140.00	174	209.00	712	304.00	423
68.00	1574	141.00	4754	210.00	950	314.00	907
69.00	79104	142.00	1632	211.00	2678	315.00	1994
70.00	200	143.00	1075	215.00	753	316.00	1089
73.00	700	144.00	565	216.00	1207	321.00	507
74.00	8592	146.00	967	217.00	13126	322.00	258
75.00	12993	147.00	2245	218.00	1812	323.00	5370
76.00	4727	148.00	5753	220.00	219	324.00	989
77.00	90416	149.00	1302	221.00	8687	327.00	811
78.00	6384	150.00	429	222.00	1151	328.00	416
79.00	5392	151.00	539	223.00	2787	332.00	424
80.00	4384	153.00	1390	224.00	26824	333.00	663
81.00	6698	154.00	1383	225.00	6799	334.00	3621
82.00	1492	155.00	2548	226.00	603	335.00	877
83.00	1489	156.00	4088	227.00	11647	341.00	618
84.00	4068	157.00	625	228.00	1689	346.00	1332
85.00	1221	158.00	871	229.00	2497	352.00	1586
86.00	3763	159.00	566	230.00	191	353.00	1324
87.00	868	160.00	1632	231.00	1013	354.00	1921
88.00	647	161.00	2556	234.00	942	365.00	8266
91.00	1378	162.00	395	235.00	678	366.00	1057

92.00	1443	165.00	1977	236.00	288	371.00	168
93.00	10150	166.00	1564	237.00	997	372.00	3075
94.00	341	167.00	10153	239.00	394	373.00	581
96.00	227	168.00	5360	240.00	406	383.00	521
98.00	7667	169.00	953	241.00	829	384.00	167
99.00	6675	170.00	208	242.00	1462	390.00	473
100.00	555	172.00	751	243.00	1768	402.00	1276
101.00	3560	173.00	1210	244.00	21544	403.00	2026
103.00	1009	174.00	2027	245.00	3333	404.00	577
104.00	1854	175.00	3378	246.00	4773	421.00	1773
105.00	2380	176.00	1128	247.00	714	422.00	1163
106.00	1127	177.00	1555	249.00	855	423.00	11349
107.00	26112	178.00	514	253.00	867	424.00	2215
108.00	4100	179.00	6720	255.00	112864	441.00	3861
109.00	473	180.00	4448	256.00	16664	442.00	172992
110.00	47056	181.00	1934	257.00	1525	443.00	31096
111.00	6600	184.00	322	258.00	7088	444.00	3177
112.00	896	185.00	3117	259.00	1104		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122162/1-A
Matrix: Water
Lab File ID: x28841.d
Analysis Method: 8270C
Date Collected:
Extract. Method: 3510C
Date Extracted: 08/01/2012 14:33
Sample wt/vol: 1000(mL)
Date Analyzed: 08/02/2012 03:42
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 122318
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.81	U	10	0.81
95-57-8	2-Chlorophenol	2.2	U	10	2.2
95-48-7	2-Methylphenol	1.8	U	10	1.8
106-44-5	4-Methylphenol	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.0	U	10	2.0
98-86-2	Acetophenone	2.7	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	0.28	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	2.0	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	0.25	U	1.0	0.25
98-95-3	Nitrobenzene	0.30	U	1.0	0.30
67-72-1	Hexachloroethane	0.25	U	1.0	0.25
78-59-1	Isophorone	2.7	U	10	2.7
88-75-5	2-Nitrophenol	2.4	U	10	2.4
105-67-9	2,4-Dimethylphenol	3.4	U	10	3.4
120-83-2	2,4-Dichlorophenol	2.6	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	2.6	U	10	2.6
91-20-3	Naphthalene	2.7	U	10	2.7
106-47-8	4-Chloroaniline	2.0	U	10	2.0
87-68-3	Hexachlorobutadiene	0.57	U	2.0	0.57
105-60-2	Caprolactam	2.5	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	2.5	U	10	2.5
91-57-6	2-Methylnaphthalene	3.0	U	10	3.0
118-74-1	Hexachlorobenzene	0.29	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	2.4	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	2.6	U	10	2.6
92-52-4	Diphenyl	2.8	U	10	2.8
91-58-7	2-Chloronaphthalene	2.7	U	10	2.7
88-74-4	2-Nitroaniline	4.9	U	20	4.9
606-20-2	2,6-Dinitrotoluene	0.61	U	2.0	0.61
131-11-3	Dimethyl phthalate	2.8	U	10	2.8
208-96-8	Acenaphthylene	2.7	U	10	2.7
99-09-2	3-Nitroaniline	5.0	U	20	5.0
83-32-9	Acenaphthene	2.7	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122162/1-A

Matrix: Water | Lab File ID: x28841.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2012 14:33

Sample wt/vol: 1000(mL) | Date Analyzed: 08/02/2012 03:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122318 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6.7	U	30	6.7
51-28-5	2,4-Dinitrophenol	5.4	U	30	5.4
132-64-9	Dibenzofuran	2.8	U	10	2.8
84-66-2	Diethyl phthalate	2.9	U	10	2.9
86-73-7	Fluorene	2.8	U	10	2.8
206-44-0	Fluoranthene	3.2	U	10	3.2
84-74-2	Di-n-butyl phthalate	2.9	U	10	2.9
121-14-2	2,4-Dinitrotoluene	0.47	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	2.5	U	10	2.5
100-01-6	4-Nitroaniline	5.8	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	2.5	U	10	2.5
1912-24-9	Atrazine	3.0	U	10	3.0
120-12-7	Anthracene	2.8	U	10	2.8
86-74-8	Carbazole	3.2	U	10	3.2
85-01-8	Phenanthrene	3.1	U	10	3.1
87-86-5	Pentachlorophenol	5.3	U	30	5.3
129-00-0	Pyrene	2.9	U	10	2.9
218-01-9	Chrysene	3.1	U	10	3.1
207-08-9	Benzo[k]fluoranthene	0.26	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
205-99-2	Benzo[b]fluoranthene	0.26	U	1.0	0.26
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.27	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	2.9	U	10	2.9
85-68-7	Butyl benzyl phthalate	2.5	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	4.9	U	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	2.6	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	2.5	U	10	2.5

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122162/1-A

Matrix: Water | Lab File ID: x28841.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2012 14:33

Sample wt/vol: 1000(mL) | Date Analyzed: 08/02/2012 03:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122318 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	90		56-112
4165-62-2	Phenol-d5	30		10-48
1718-51-0	Terphenyl-d14	80		50-122
118-79-6	2,4,6-Tribromophenol	77		46-122
367-12-4	2-Fluorophenol	45		10-65
321-60-8	2-Fluorobiphenyl	84		53-108

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28841.d
Report Date: 02-Aug-2012 12:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28841.d
Lab Smp Id: MB 460-122162/1-A
Inj Date : 02-AUG-2012 03:42
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-122162/1-A
Misc Info : MB 460-122162/1-A
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/02aug12.b/8270C_11.m
Meth Date : 02-Aug-2012 11:20 monica Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 8 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

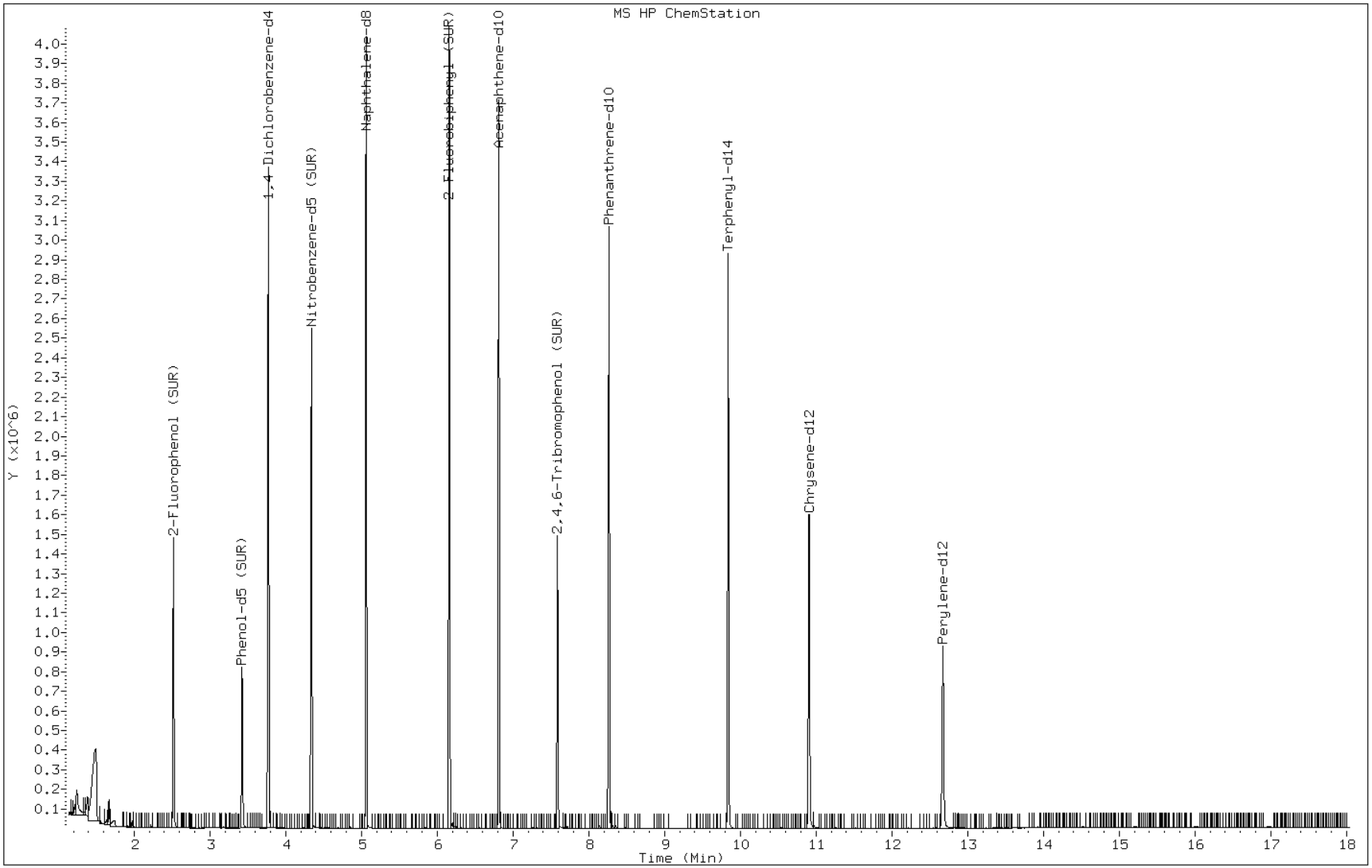
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.519	2.525	(0.668)	374780	22.4035	45
$ 17 Phenol-d5 (SUR)	99	3.425	3.454	(0.908)	279525	15.0257	30
* 79 1,4-Dichlorobenzene-d4	152	3.772	3.778	(1.000)	487651	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.342	4.354	(0.857)	775577	45.1332	90
* 80 Naphthalene-d8	136	5.066	5.072	(1.000)	1769818	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.166	6.166	(0.904)	1316441	42.2469	84
* 82 Acenaphthene-d10	164	6.819	6.819	(1.000)	854202	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.589	7.601	(1.113)	155880	38.3835	77
* 83 Phenanthrene-d10	188	8.266	8.272	(1.000)	1082120	40.0000	
$ 78 Terphenyl-d14	244	9.842	9.842	(0.902)	837226	39.7569	80
* 81 Chrysene-d12	240	10.913	10.913	(1.000)	674112	40.0000	
* 84 Perylene-d12	264	12.677	12.677	(1.000)	492770	40.0000	

Data File: x28841.d

Date: 02-AUG-2012 03:42

Client ID: Instrument: BNAMS5.i

Sample Info: MB 460-122162/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122303/1-A

Matrix: Solid | Lab File ID: x28887.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.01(g) | Date Analyzed: 08/03/2012 03:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	43	U	330	43
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	42	U	330	42
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122303/1-A

Matrix: Solid | Lab File ID: x28887.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.01(g) | Date Analyzed: 08/03/2012 03:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	24	U	330	24
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.1	U	33	6.1
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	330	44
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122303/1-A

Matrix: Solid | Lab File ID: x28887.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.01(g) | Date Analyzed: 08/03/2012 03:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	86		38-105
4165-62-2	Phenol-d5	88		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28887.d
Report Date: 03-Aug-2012 11:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28887.d
Lab Smp Id: MB 460-122303/1-A
Inj Date : 03-AUG-2012 03:58
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-122303/1-A
Misc Info : MB 460-122303/1-A
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

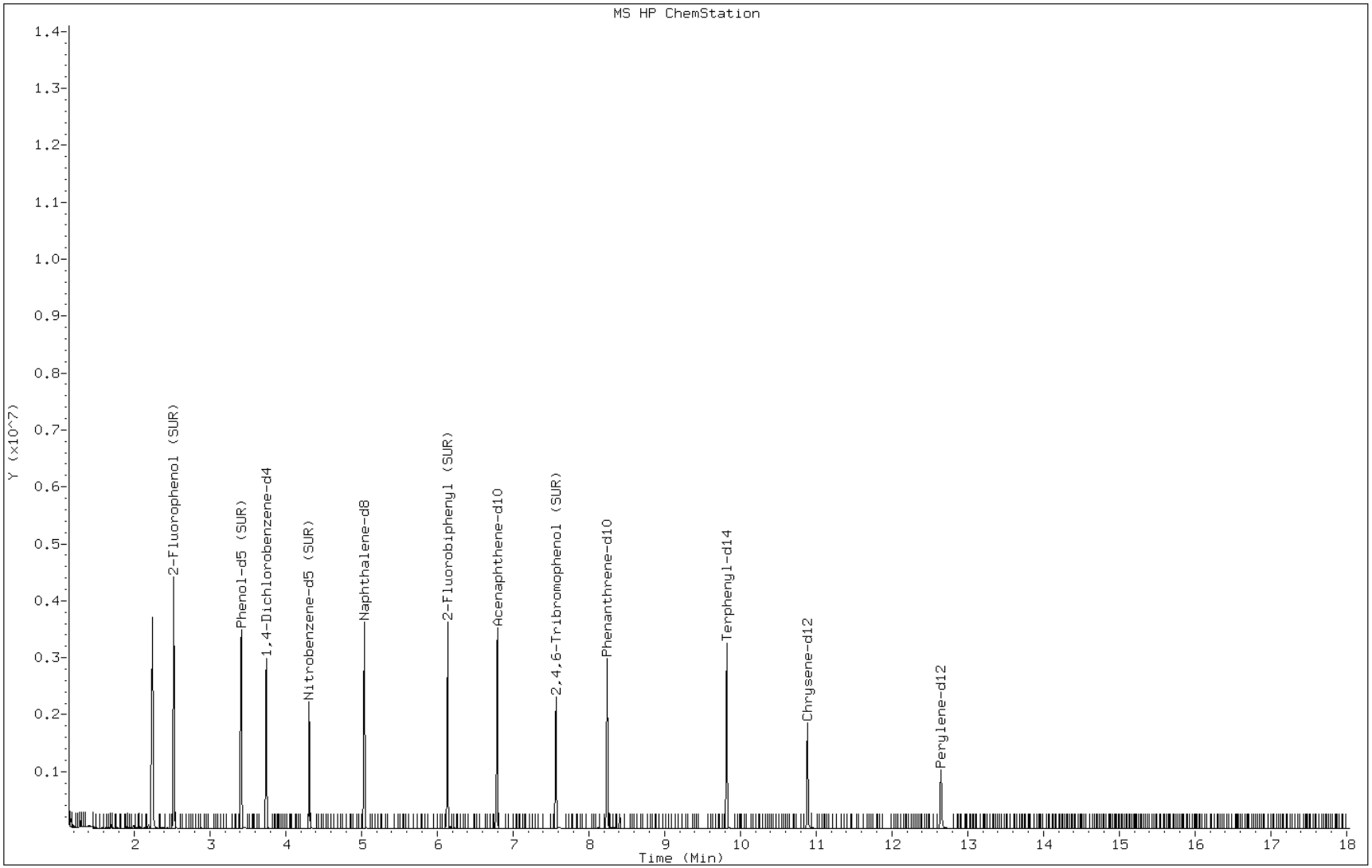
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.525	2.496	(0.674)	1172827	77.7884	5200
$ 17 Phenol-d5 (SUR)	99	3.419	3.425	(0.912)	1483789	88.4968	5900
* 79 1,4-Dichlorobenzene-d4	152	3.748	3.754	(1.000)	439509	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.313	4.325	(0.856)	697158	43.1132	2900
* 80 Naphthalene-d8	136	5.037	5.048	(1.000)	1665409	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.142	6.148	(0.904)	1274429	41.5615	2800
* 82 Acenaphthene-d10	164	6.795	6.801	(1.000)	840580	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.572	7.578	(1.114)	266557	66.7000	4400
* 83 Phenanthrene-d10	188	8.248	8.254	(1.000)	1089975	40.0000	
$ 78 Terphenyl-d14	244	9.824	9.830	(0.902)	971409	42.2536	2800
* 81 Chrysene-d12	240	10.889	10.901	(1.000)	735937	40.0000	
* 84 Perylene-d12	264	12.654	12.660	(1.000)	548899	40.0000	

Data File: x28887.d

Date: 03-AUG-2012 03:58

Client ID: Instrument: BNAMS5.i

Sample Info: MB 460-122303/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122438/1-A

Matrix: Solid | Lab File ID: uu79122.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 14:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122438/1-A

Matrix: Solid | Lab File ID: uu79122.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 14:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-122438/1-A

Matrix: Solid | Lab File ID: uu79122.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 14:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	63		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	66		40-109

Data File: /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79122.d
Report Date: 07-Aug-2012 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79122.d
Lab Smp Id: MB 460-122438/1-A
Inj Date : 06-AUG-2012 14:25
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-122438/1-A
Misc Info : MB 460-122438/1-A
Comment :
Method : /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/8270C_11.m
Meth Date : 07-Aug-2012 12:30 monica Quant Type: ISTD
Cal Date : 31-JUL-2012 10:45 Cal File: u78924.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

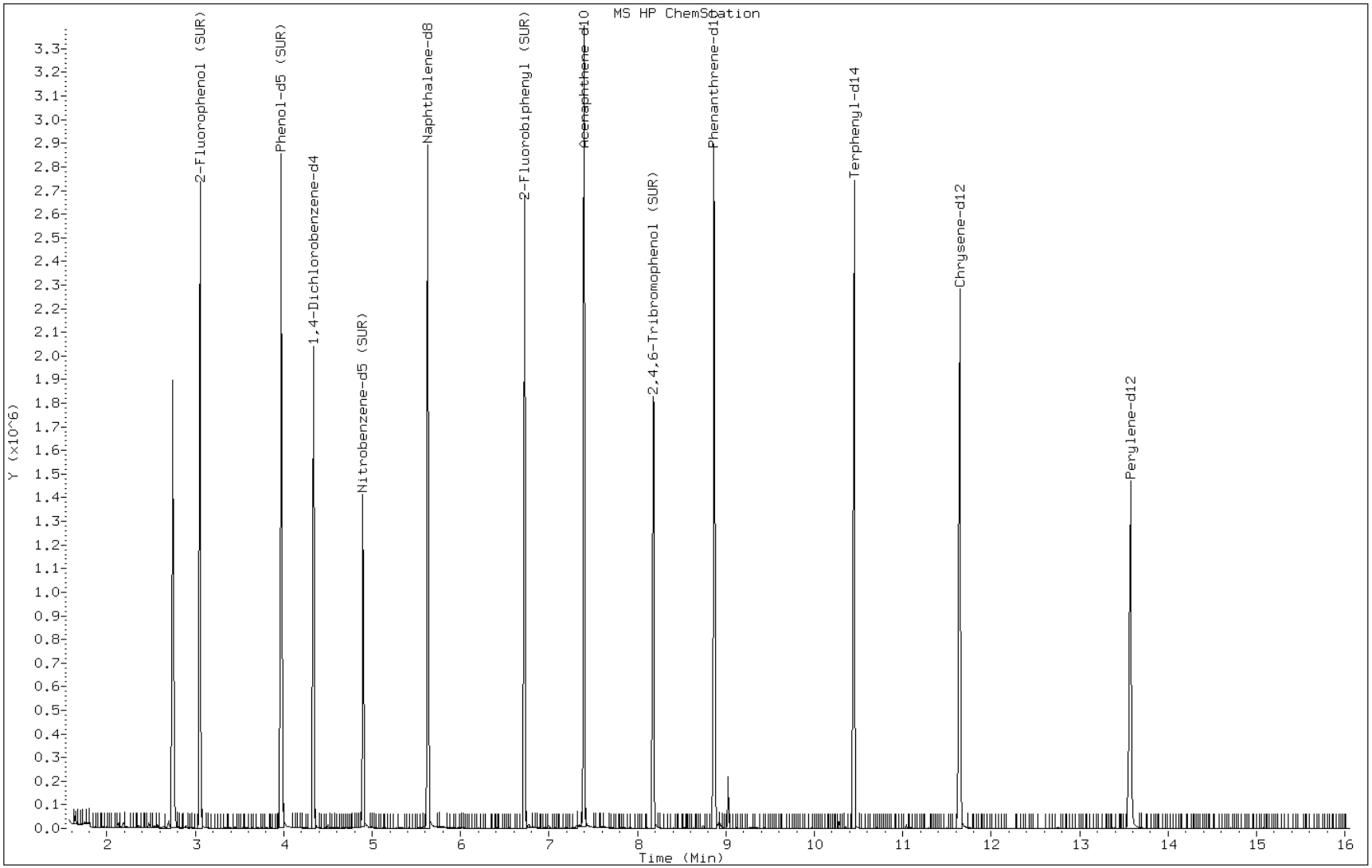
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.053	3.036	(0.704)	785255	74.1610	4900
$ 17 Phenol-d5 (SUR)	99	3.974	3.975	(0.916)	1167691	78.4165	5200
* 79 1,4-Dichlorobenzene-d4	152	4.336	4.334	(1.000)	307613	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.895	4.905	(0.869)	465260	36.1233	2400
* 80 Naphthalene-d8	136	5.630	5.636	(1.000)	1257445	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.722	6.729	(0.909)	731074	33.0349	2200
* 82 Acenaphthene-d10	164	7.396	7.403	(1.000)	746062	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.183	8.184	(1.106)	256230	73.3489	4900
* 83 Phenanthrene-d10	188	8.865	8.876	(1.000)	1173994	40.0000	
$ 78 Terphenyl-d14	244	10.450	10.448	(0.897)	947870	31.3764	2100
* 81 Chrysene-d12	240	11.644	11.652	(1.000)	1116633	40.0000	
* 84 Perylene-d12	264	13.577	13.575	(1.000)	840070	40.0000	

Data File: uu79122.d

Date: 06-AUG-2012 14:25

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-122438/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122162/2-A
Matrix: Water
Lab File ID: x28839.d
Analysis Method: 8270C
Date Collected:
Extract. Method: 3510C
Date Extracted: 08/01/2012 14:33
Sample wt/vol: 1000(mL)
Date Analyzed: 08/02/2012 02:53
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 122318
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	32.8		10	0.81
95-57-8	2-Chlorophenol	85.8		10	2.2
95-48-7	2-Methylphenol	71.9		10	1.8
106-44-5	4-Methylphenol	67.8		10	1.6
100-52-7	Benzaldehyde	150		10	2.0
98-86-2	Acetophenone	92.8		10	2.7
111-44-4	Bis(2-chloroethyl)ether	98.4		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	90.6		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	94.1		1.0	0.25
98-95-3	Nitrobenzene	88.4		1.0	0.30
67-72-1	Hexachloroethane	88.2		1.0	0.25
78-59-1	Isophorone	89.1		10	2.7
88-75-5	2-Nitrophenol	89.6		10	2.4
105-67-9	2,4-Dimethylphenol	86.5		10	3.4
120-83-2	2,4-Dichlorophenol	92.8		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	90.8		10	2.6
91-20-3	Naphthalene	88.1		10	2.7
106-47-8	4-Chloroaniline	87.2		10	2.0
87-68-3	Hexachlorobutadiene	85.1		2.0	0.57
105-60-2	Caprolactam	18.5		10	2.5
59-50-7	4-Chloro-3-methylphenol	86.3		10	2.5
91-57-6	2-Methylnaphthalene	85.6		10	3.0
118-74-1	Hexachlorobenzene	88.6		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	78.9		10	1.7
88-06-2	2,4,6-Trichlorophenol	90.8		10	2.4
95-95-4	2,4,5-Trichlorophenol	91.5		10	2.6
92-52-4	Diphenyl	90.6		10	2.8
91-58-7	2-Chloronaphthalene	86.5		10	2.7
88-74-4	2-Nitroaniline	95.4		20	4.9
606-20-2	2,6-Dinitrotoluene	88.8		2.0	0.61
131-11-3	Dimethyl phthalate	90.8		10	2.8
208-96-8	Acenaphthylene	87.0		10	2.7
99-09-2	3-Nitroaniline	89.3		20	5.0
83-32-9	Acenaphthene	91.1		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122162/2-A
Matrix: Water
Lab File ID: x28839.d
Analysis Method: 8270C
Date Collected:
Extract. Method: 3510C
Date Extracted: 08/01/2012 14:33
Sample wt/vol: 1000(mL)
Date Analyzed: 08/02/2012 02:53
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 122318
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	24.1	J	30	6.7
51-28-5	2,4-Dinitrophenol	66.8		30	5.4
132-64-9	Dibenzofuran	87.3		10	2.8
84-66-2	Diethyl phthalate	89.8		10	2.9
86-73-7	Fluorene	89.1		10	2.8
206-44-0	Fluoranthene	86.9		10	3.2
84-74-2	Di-n-butyl phthalate	90.1		10	2.9
121-14-2	2,4-Dinitrotoluene	86.6		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	86.5		10	2.5
100-01-6	4-Nitroaniline	86.0		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	87.2		30	4.7
101-55-3	4-Bromophenyl phenyl ether	90.7		10	2.5
1912-24-9	Atrazine	84.6		10	3.0
120-12-7	Anthracene	88.5		10	2.8
86-74-8	Carbazole	90.1		10	3.2
85-01-8	Phenanthrene	90.1		10	3.1
87-86-5	Pentachlorophenol	84.4		30	5.3
129-00-0	Pyrene	92.3		10	2.9
218-01-9	Chrysene	91.1		10	3.1
207-08-9	Benzo[k]fluoranthene	93.8		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	103		10	2.0
205-99-2	Benzo[b]fluoranthene	80.5		1.0	0.26
50-32-8	Benzo[a]pyrene	91.0		1.0	0.14
56-55-3	Benzo[a]anthracene	85.9		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	96.4		10	2.9
85-68-7	Butyl benzyl phthalate	96.7		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	94.7		10	2.0
117-84-0	Di-n-octyl phthalate	88.2		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	87.9		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	98.2		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	110		20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	80.7		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	84.8		10	2.5

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-122162/2-A

Matrix: Water | Lab File ID: x28839.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2012 14:33

Sample wt/vol: 1000(mL) | Date Analyzed: 08/02/2012 02:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122318 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	90		56-112
4165-62-2	Phenol-d5	28		10-48
1718-51-0	Terphenyl-d14	86		50-122
118-79-6	2,4,6-Tribromophenol	83		46-122
367-12-4	2-Fluorophenol	45		10-65
321-60-8	2-Fluorobiphenyl	86		53-108

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28839.d
Report Date: 02-Aug-2012 12:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28839.d
Lab Smp Id: LCS 460-122162/2-A
Inj Date : 02-AUG-2012 02:53
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-122162/2-A
Misc Info : LCS 460-122162/2-A
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/02aug12.b/8270C_11.m
Meth Date : 02-Aug-2012 11:20 monica Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 6 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106 1,4-Dioxane	88	1.260	1.249	(0.334)	147397	22.1106	44
19 N-Nitrosodimethylamine	74	1.460	1.460	(0.387)	216438	23.9695	48
71 Pyridine	79	1.478	1.484	(0.391)	344462	21.5758	43
$ 16 2-Fluorophenol (SUR)	112	2.519	2.525	(0.667)	355686	22.4234	45
110 Benzaldehyde	77	3.331	3.331	(0.882)	493899	75.0811	150(R)
73 Aniline	93	3.448	3.449	(0.913)	732071	33.7727	68
$ 17 Phenol-d5 (SUR)	99	3.437	3.454	(0.910)	248021	14.0604	28
1 Phenol	94	3.448	3.466	(0.913)	326744	16.4190	33
20 bis(2-Chloroethyl)ether	93	3.519	3.525	(0.931)	680250	49.1854	98
2 2-Chlorophenol	128	3.572	3.578	(0.946)	734284	42.9129	86
113 n-decane	43	3.631	3.637	(0.961)	599217	39.9183	80
21 1,3-Dichlorobenzene	146	3.719	3.719	(0.984)	829145	42.7360	85
* 79 1,4-Dichlorobenzene-d4	152	3.778	3.778	(1.000)	462396	40.0000	
22 1,4-Dichlorobenzene	146	3.795	3.796	(1.005)	832381	43.2663	86
74 Benzyl Alcohol	108	3.937	3.943	(1.042)	350056	38.6865	77

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28839.d
Report Date: 02-Aug-2012 12:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
23 1,2-Dichlorobenzene	146	3.948	3.949	(1.045)	777519	43.6510	87
24 bis (2-chloroisopropyl) ether	45	4.072	4.072	(1.078)	735471	45.2950	90
3 2-Methylphenol	108	4.072	4.072	(1.078)	482915	35.9621	72
104 Acetophenone	105	4.201	4.207	(1.112)	884926	46.3899	93
25 N-Nitroso-di-n-propylamine	70	4.213	4.219	(1.115)	459994	47.0383	94
4 4-Methylphenol	108	4.231	4.237	(1.120)	453659	33.9104	68
123 3 & 4 Methylphenol	108	4.231	4.237	(1.120)	456796	36.7434	73
26 Hexachloroethane	117	4.284	4.290	(1.134)	315360	44.0916	88
$ 76 Nitrobenzene-d5 (SUR)	82	4.348	4.354	(0.857)	727930	44.9201	90
27 Nitrobenzene	77	4.372	4.378	(0.862)	893706	44.1796	88
107 N,N-Dimethylaniline	120	4.378	4.378	(1.159)	955193	41.7726	84
28 Isophorone	82	4.619	4.619	(0.911)	1128341	44.5557	89
5 2-Nitrophenol	139	4.695	4.696	(0.926)	399810	44.8141	90
6 2,4-Dimethylphenol	122	4.766	4.772	(0.940)	573785	43.2421	86
29 bis(2-Chloroethoxy)methane	93	4.854	4.854	(0.957)	705516	45.4069	91
15 Benzoic Acid	122	4.831	4.948	(0.952)	3979	0.53459	1.1(aRH)
7 2,4-Dichlorophenol	162	4.948	4.948	(0.976)	550068	46.3928	93
30 1,2,4-Trichlorobenzene	180	5.019	5.019	(0.990)	587431	42.8906	86
* 80 Naphthalene-d8	136	5.072	5.072	(1.000)	1668973	40.0000	
31 Naphthalene	128	5.095	5.095	(1.005)	1943406	44.0332	88
32 4-Chloroaniline	127	5.160	5.166	(1.017)	710099	43.6235	87
33 Hexachlorobutadiene	225	5.231	5.231	(1.031)	338960	42.5573	85
111 Caprolactam	113	5.525	5.560	(1.089)	33217	9.24885	18
8 4-Chloro-3-methylphenol	107	5.678	5.690	(1.119)	487719	43.1347	86
34 2-Methylnaphthalene	142	5.789	5.790	(1.141)	1181724	42.7983	86
120 1-Methylnaphthalene	142	5.883	5.890	(1.160)	1133140	40.2042	80
35 Hexachlorocyclopentadiene	237	5.954	5.960	(0.873)	252789	39.4513	79
129 1,2,4,5-Tetrachlorobenzene	216	5.960	5.966	(0.874)	499915	40.3385	81
9 2,4,6-Trichlorophenol	196	6.083	6.090	(0.892)	340666	45.3778	91
10 2,4,5-Trichlorophenol	196	6.125	6.131	(0.898)	352591	45.7427	91
$ 77 2-Fluorobiphenyl (SUR)	172	6.166	6.166	(0.904)	1218644	43.1912	86
102 Diphenyl	154	6.260	6.266	(0.918)	1379726	45.3040	91
36 2-Chloronaphthalene	162	6.272	6.272	(0.920)	1022026	43.2659	86
103 Diphenyl Ether	170	6.366	6.366	(0.934)	747202	44.5163	89
37 2-Nitroaniline	65	6.389	6.390	(0.937)	294462	47.7105	95
38 Dimethylphthalate	163	6.583	6.584	(0.965)	1077544	45.4173	91
40 2,6-Dinitrotoluene	165	6.636	6.637	(0.973)	248632	44.4197	89
39 Acenaphthylene	152	6.678	6.678	(0.979)	1571049	43.4837	87
41 3-Nitroaniline	138	6.801	6.801	(0.997)	254271	44.6725	89
* 82 Acenaphthene-d10	164	6.819	6.819	(1.000)	773456	40.0000	
42 Acenaphthene	154	6.854	6.854	(1.005)	946748	45.5386	91
11 2,4-Dinitrophenol	184	6.901	6.901	(1.012)	90416	33.3998	67
12 4-Nitrophenol	65	6.995	7.001	(1.026)	42904	12.0309	24(a)
43 Dibenzofuran	168	7.025	7.025	(1.030)	1321982	43.6645	87
44 2,4-Dinitrotoluene	165	7.030	7.031	(1.031)	290569	43.3047	87
130 2,3,4,6-Tetrachlorophenol	232	7.154	7.160	(1.049)	220792	42.3764	85
45 Diethylphthalate	149	7.278	7.278	(1.067)	1014941	44.9213	90

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28839.d
Report Date: 02-Aug-2012 12:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	47 Fluorene	166	7.360	7.360	(1.079)	1075719	44.5666	89
	46 4-Chlorophenyl-phenylether	204	7.372	7.372	(1.081)	488913	43.2515	86
	48 4-Nitroaniline	138	7.401	7.407	(1.085)	211725	42.9938	86
	13 4,6-Dinitro-2-methylphenol	198	7.430	7.431	(0.898)	149563	43.5856	87
	49 N-Nitrosodiphenylamine	169	7.489	7.489	(0.905)	727185	48.1917	96
	75 1,2-Diphenylhydrazine	77	7.525	7.525	(0.910)	981577	41.0786	82
$	18 2,4,6-Tribromophenol (SUR)	330	7.595	7.601	(1.114)	153425	41.7230	83
	50 4-Bromophenyl-phenylether	248	7.842	7.842	(0.948)	276694	45.3568	91
	51 Hexachlorobenzene	284	7.901	7.901	(0.955)	289962	44.3133	89
	112 Atrazine	200	8.030	8.031	(0.971)	214352	42.2890	84
	14 Pentachlorophenol	266	8.101	8.101	(0.979)	154873	42.2070	84
	115 n-Octadecane	57	8.213	8.213	(0.993)	548504	46.2988	92
*	83 Phenanthrene-d10	188	8.272	8.272	(1.000)	942903	40.0000	
	52 Phenanthrene	178	8.295	8.295	(1.003)	1223036	45.0609	90
	53 Anthracene	178	8.342	8.348	(1.009)	1219119	44.2627	88
	54 Carbazole	167	8.513	8.513	(1.029)	1043857	45.0324	90
	55 Di-n-butylphthalate	149	8.877	8.878	(1.073)	1332568	45.0466	90
	56 Fluoranthene	202	9.454	9.454	(1.143)	1071560	43.4719	87
	58 Benzidine	184	9.595	9.595	(1.160)	136014	29.2349	58
	57 Pyrene	202	9.671	9.672	(0.886)	1047118	46.1344	92
$	78 Terphenyl-d14	244	9.842	9.842	(0.901)	708115	42.8450	86
	59 Butylbenzylphthalate	149	10.342	10.342	(0.947)	452741	48.3742	97
	60 3,3'-Dichlorobenzidine	252	10.895	10.889	(0.998)	238913	54.9475	110
	61 Benzo(a)anthracene	228	10.901	10.901	(0.998)	701505	42.9485	86
*	81 Chrysene-d12	240	10.918	10.913	(1.000)	529061	40.0000	
	62 Chrysene	228	10.948	10.942	(1.003)	692841	45.5567	91
	63 bis(2-Ethylhexyl)phthalate	149	10.983	10.983	(1.006)	590626	47.3609	95
	64 Di-n-octylphthalate	149	11.765	11.766	(0.928)	818145	44.1216	88
	65 Benzo(b)fluoranthene	252	12.195	12.195	(0.962)	508837	40.2433	80
	66 Benzo(k)fluoranthene	252	12.230	12.230	(0.965)	629670	46.8911	94
	67 Benzo(a)pyrene	252	12.601	12.601	(0.994)	446683	45.4964	91
*	84 Perylene-d12	264	12.677	12.677	(1.000)	410781	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.054	14.048	(1.109)	342807	43.9617	88
	69 Dibenz(a,h)anthracene	278	14.083	14.083	(1.111)	394236	49.0792	98
	70 Benzo(g,h,i)perylene	276	14.389	14.389	(1.135)	404224	51.2728	100

QC Flag Legend

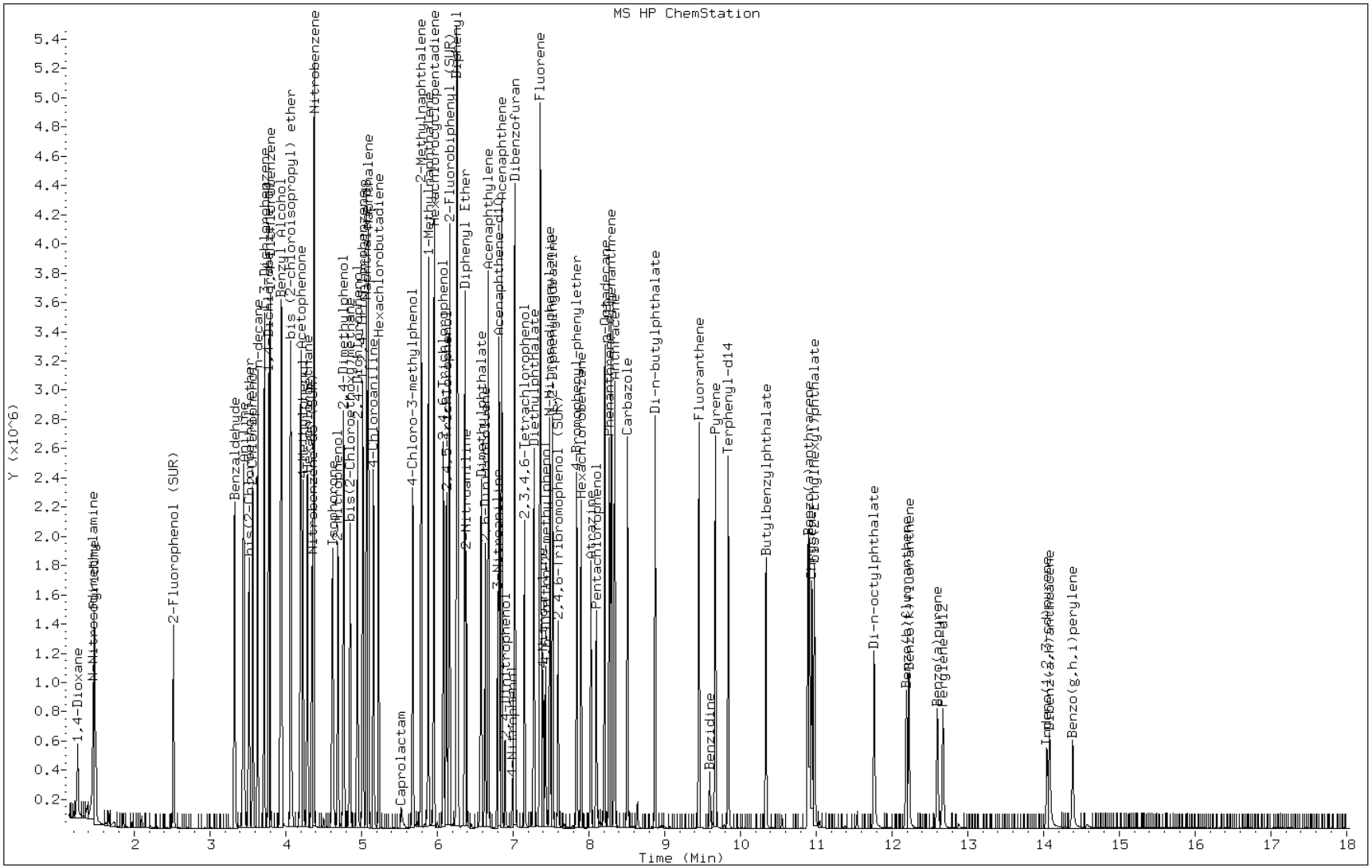
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x28839.d

Date: 02-AUG-2012 02:53

Client ID: Instrument: BNAMS5.i

Sample Info: LCS 460-122162/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122303/2-A
Matrix: Solid
Lab File ID: x28886.d
Analysis Method: 8270C
Date Collected:
Extract. Method: 3541
Date Extracted: 08/02/2012 12:50
Sample wt/vol: 15.00(g)
Date Analyzed: 08/03/2012 03:34
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 122476
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4340		330	44
95-57-8	2-Chlorophenol	4530		330	44
95-48-7	2-Methylphenol	4710		330	56
106-44-5	4-Methylphenol	4740		330	65
100-52-7	Benzaldehyde	1420		330	39
98-86-2	Acetophenone	2380		330	51
111-44-4	Bis(2-chloroethyl)ether	2680		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2310		330	37
621-64-7	N-Nitrosodi-n-propylamine	2410		33	5.5
98-95-3	Nitrobenzene	2390		33	4.7
67-72-1	Hexachloroethane	2260		33	3.7
78-59-1	Isophorone	1980		330	40
88-75-5	2-Nitrophenol	4600		330	37
105-67-9	2,4-Dimethylphenol	4740		330	82
120-83-2	2,4-Dichlorophenol	4670		330	48
111-91-1	Bis(2-chloroethoxy)methane	2500		330	43
91-20-3	Naphthalene	2380		330	38
106-47-8	4-Chloroaniline	1900		330	88
87-68-3	Hexachlorobutadiene	2340		67	8.1
105-60-2	Caprolactam	1600		330	76
59-50-7	4-Chloro-3-methylphenol	5040		330	50
91-57-6	2-Methylnaphthalene	2420		330	43
118-74-1	Hexachlorobenzene	2530		33	4.5
77-47-4	Hexachlorocyclopentadiene	2250		330	39
88-06-2	2,4,6-Trichlorophenol	4870		330	39
95-95-4	2,4,5-Trichlorophenol	4520		330	43
92-52-4	Diphenyl	2470		330	44
91-58-7	2-Chloronaphthalene	2350		330	37
88-74-4	2-Nitroaniline	2520		670	140
606-20-2	2,6-Dinitrotoluene	2510		67	10
131-11-3	Dimethyl phthalate	2510		330	39
208-96-8	Acenaphthylene	2380		330	39
99-09-2	3-Nitroaniline	2060		670	120
83-32-9	Acenaphthene	2520		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122303/2-A
Matrix: Solid
Lab File ID: x28886.d
Analysis Method: 8270C
Date Collected:
Extract. Method: 3541
Date Extracted: 08/02/2012 12:50
Sample wt/vol: 15.00(g)
Date Analyzed: 08/03/2012 03:34
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 122476
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5500		1000	210
51-28-5	2,4-Dinitrophenol	1940		1000	190
132-64-9	Dibenzofuran	2440		330	39
84-66-2	Diethyl phthalate	2560		330	39
86-73-7	Fluorene	2490		330	42
206-44-0	Fluoranthene	2530		330	44
84-74-2	Di-n-butyl phthalate	2620		330	41
121-14-2	2,4-Dinitrotoluene	2560		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2440		330	39
100-01-6	4-Nitroaniline	2130		670	100
534-52-1	4,6-Dinitro-2-methylphenol	3090		1000	90
101-55-3	4-Bromophenyl phenyl ether	2580		330	33
1912-24-9	Atrazine	1750		330	51
120-12-7	Anthracene	2520		330	40
86-74-8	Carbazole	2590		330	39
85-01-8	Phenanthrene	2550		330	42
87-86-5	Pentachlorophenol	4970		1000	99
129-00-0	Pyrene	2550		330	28
218-01-9	Chrysene	2540		330	39
207-08-9	Benzo[k]fluoranthene	2470		33	2.5
191-24-2	Benzo[g,h,i]perylene	2890		330	25
205-99-2	Benzo[b]fluoranthene	2330		33	2.1
50-32-8	Benzo[a]pyrene	2560		33	2.3
56-55-3	Benzo[a]anthracene	2490		33	2.3
86-30-6	N-Nitrosodiphenylamine	2790		330	33
85-68-7	Butyl benzyl phthalate	2600		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2570		330	110
117-84-0	Di-n-octyl phthalate	2320		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2670		33	6.2
53-70-3	Dibenz(a,h)anthracene	2910		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2450		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2220		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2420		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122303/2-A
Matrix: Solid
Lab File ID: x28886.d
Analysis Method: 8270C
Date Collected:
Extract. Method: 3541
Date Extracted: 08/02/2012 12:50
Sample wt/vol: 15.00(g)
Date Analyzed: 08/03/2012 03:34
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 122476
Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	66		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	62		37-125
321-60-8	2-Fluorobiphenyl	67		40-109

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28886.d
Report Date: 03-Aug-2012 07:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28886.d
Lab Smp Id: LCS 460-122303/2-A
Inj Date : 03-AUG-2012 03:34
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-122303/2-A
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/03aug12.b/8270C_11.m
Meth Date : 03-Aug-2012 03:02 asfawa Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
106 1,4-Dioxane	88	1.313	1.219	(0.350)	139641	18.8964	1200
19 N-Nitrosodimethylamine	74	1.502	1.431	(0.400)	346199	34.5864	2300(H)
71 Pyridine	79	1.525	1.449	(0.406)	442024	24.9761	1700
$ 16 2-Fluorophenol (SUR)	112	2.525	2.496	(0.673)	1095679	62.3120	4200
110 Benzaldehyde	77	3.307	3.301	(0.881)	155048	21.2624	1400
$ 17 Phenol-d5 (SUR)	99	3.431	3.425	(0.914)	1297328	66.3456	4400
1 Phenol	94	3.448	3.437	(0.919)	1436432	65.1146	4300
73 Aniline	93	3.431	3.425	(0.914)	573382	23.8621	1600
20 bis(2-Chloroethyl)ether	93	3.507	3.501	(0.934)	602808	40.2693	2700
2 2-Chlorophenol	128	3.548	3.549	(0.945)	1287486	67.8766	4500
113 n-decane	43	3.607	3.607	(0.961)	460950	27.7010	1800
21 1,3-Dichlorobenzene	146	3.696	3.696	(0.984)	703644	32.7167	2200
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.754	(1.000)	512579	40.0000	

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28886.d
Report Date: 03-Aug-2012 07:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.772	3.772	(1.005)	708676	33.2299	2200
	74 Benzyl Alcohol	108	3.919	3.913	(1.044)	415002	41.3738	2800
	23 1,2-Dichlorobenzene	146	3.919	3.925	(1.044)	661629	33.5082	2200
	3 2-Methylphenol	108	4.048	4.048	(1.078)	1051255	70.6213	4700
	24 bis (2-chloroisopropyl) ether	45	4.043	4.048	(1.077)	622841	34.6031	2300
	4 4-Methylphenol	108	4.213	4.207	(1.122)	1054326	71.0938	4700
	123 3 & 4 Methylphenol	108	4.213	4.207	(1.122)	1054326	79.1161	5300
	104 Acetophenone	105	4.178	4.178	(1.113)	756068	35.7545	2400
	25 N-Nitroso-di-n-propylamine	70	4.195	4.190	(1.117)	391742	36.1371	2400
	26 Hexachloroethane	117	4.260	4.260	(1.135)	268335	33.8438	2200
$	76 Nitrobenzene-d5 (SUR)	82	4.325	4.325	(0.857)	629767	34.4178	2300
	27 Nitrobenzene	77	4.348	4.348	(0.861)	819017	35.8569	2400
	107 N,N-Dimethylaniline	120	4.354	4.354	(1.160)	870655	34.3479	2300
	28 Isophorone	82	4.607	4.596	(0.913)	850270	29.7353	2000(H)
	5 2-Nitrophenol	139	4.672	4.666	(0.925)	695739	69.0652	4600
	6 2,4-Dimethylphenol	122	4.748	4.743	(0.941)	1064400	71.0419	4700
	29 bis(2-Chloroethoxy)methane	93	4.831	4.831	(0.957)	658641	37.5419	2500
	15 Benzoic Acid	122	4.942	4.919	(0.979)	464578	55.2787	3700
	7 2,4-Dichlorophenol	162	4.925	4.925	(0.976)	937207	70.0038	4700
	30 1,2,4-Trichlorobenzene	180	4.995	4.995	(0.990)	526258	34.0296	2300
*	80 Naphthalene-d8	136	5.048	5.048	(1.000)	1884505	40.0000	
	31 Naphthalene	128	5.066	5.066	(1.003)	1782720	35.7727	2400
	32 4-Chloroaniline	127	5.142	5.143	(1.019)	524433	28.5327	1900
	33 Hexachlorobutadiene	225	5.207	5.207	(1.031)	315091	35.0359	2300
	111 Caprolactam	113	5.548	5.531	(1.099)	97505	24.0440	1600
	8 4-Chloro-3-methylphenol	107	5.672	5.666	(1.123)	965783	75.6465	5000
	34 2-Methylnaphthalene	142	5.766	5.766	(1.142)	1131320	36.2867	2400
	120 1-Methylnaphthalene	142	5.866	5.866	(1.162)	1085021	34.0940	2300
	35 Hexachlorocyclopentadiene	237	5.937	5.937	(0.873)	256264	33.7449	2200
	129 1,2,4,5-Tetrachlorobenzene	216	5.942	5.942	(0.874)	490090	33.3670	2200(R)
	9 2,4,6-Trichlorophenol	196	6.072	6.066	(0.893)	650233	73.0804	4900
	10 2,4,5-Trichlorophenol	196	6.113	6.107	(0.899)	619289	67.7894	4500
$	77 2-Fluorobiphenyl (SUR)	172	6.148	6.148	(0.904)	1117539	33.4194	2200
	102 Diphenyl	154	6.242	6.242	(0.918)	1338004	37.0697	2500
	36 2-Chloronaphthalene	162	6.254	6.254	(0.920)	987255	35.2639	2400
	103 Diphenyl Ether	170	6.348	6.348	(0.933)	714962	35.9403	2400
	37 2-Nitroaniline	65	6.372	6.372	(0.937)	276576	37.8109	2500
	125 1,3-Dimethylnaphthalene	156	6.584	6.472	(0.968)	108	0.00455	0.30(a)
	38 Dimethylphthalate	163	6.566	6.566	(0.965)	1060132	37.7020	2500
	40 2,6-Dinitrotoluene	165	6.619	6.619	(0.973)	249933	37.6756	2500
	39 Acenaphthylene	152	6.660	6.660	(0.979)	1530629	35.7457	2400
	41 3-Nitroaniline	138	6.778	6.778	(0.997)	208862	30.9614	2100
*	82 Acenaphthene-d10	164	6.801	6.801	(1.000)	916680	40.0000	
	42 Acenaphthene	154	6.831	6.831	(1.004)	930318	37.7567	2500
	11 2,4-Dinitrophenol	184	6.884	6.884	(1.012)	93470	29.1333	1900
	12 4-Nitrophenol	65	6.989	6.978	(1.028)	348732	82.5110	5500
	44 2,4-Dinitrotoluene	165	7.013	7.007	(1.031)	305908	38.4675	2600

Data File: /chem/BNAMS5.i/8270/07-19-12/03aug12.b/x28886.d
Report Date: 03-Aug-2012 07:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
43 Dibenzofuran	168	7.001	7.001	(1.029)	1314186	36.6250	2400
130 2,3,4,6-Tetrachlorophenol	232	7.136	7.137	(1.049)	224044	36.2821	2400
45 Diethylphthalate	149	7.266	7.260	(1.068)	1029366	38.4414	2600
46 4-Chlorophenyl-phenylether	204	7.348	7.348	(1.080)	489370	36.5279	2400
47 Fluorene	166	7.342	7.337	(1.080)	1067740	37.3245	2500
48 4-Nitroaniline	138	7.389	7.384	(1.086)	200841	31.9407	2100
13 4,6-Dinitro-2-methylphenol	198	7.413	7.413	(0.898)	191497	46.4198	3100
49 N-Nitrosodiphenylamine	169	7.472	7.472	(0.905)	759656	41.8761	2800
75 1,2-Diphenylhydrazine	77	7.507	7.507	(0.909)	981586	34.1697	2300
$ 18 2,4,6-Tribromophenol (SUR)	330	7.583	7.578	(1.115)	282316	64.7787	4300
50 4-Bromophenyl-phenylether	248	7.825	7.825	(0.948)	283326	38.6324	2600
51 Hexachlorobenzene	284	7.883	7.884	(0.955)	299113	38.0233	2500
112 Atrazine	200	8.013	8.013	(0.971)	159612	26.1931	1700
14 Pentachlorophenol	266	8.089	8.084	(0.980)	329064	74.5952	5000
115 n-Octadecane	57	8.195	8.195	(0.993)	573235	40.2480	2700
* 83 Phenanthrene-d10	188	8.254	8.254	(1.000)	1133562	40.0000	
52 Phenanthrene	178	8.278	8.278	(1.003)	1249096	38.2805	2600
53 Anthracene	178	8.331	8.325	(1.009)	1249728	37.7423	2500
54 Carbazole	167	8.501	8.495	(1.030)	1081521	38.8098	2600
55 Di-n-butylphthalate	149	8.866	8.860	(1.074)	1397645	39.2998	2600
56 Fluoranthene	202	9.442	9.442	(1.144)	1124885	37.9596	2500
58 Benzidine	184	9.589	9.589	(1.162)	31090	5.55853	370
57 Pyrene	202	9.660	9.660	(0.886)	1100238	38.1983	2500
$ 78 Terphenyl-d14	244	9.830	9.830	(0.901)	722455	34.4458	2300
59 Butylbenzylphthalate	149	10.330	10.330	(0.947)	462457	38.9371	2600
60 3,3'-Dichlorobenzidine	252	10.883	10.877	(0.998)	213235	36.6975	2400
61 Benzo(a)anthracene	228	10.895	10.889	(0.999)	773916	37.3370	2500
* 81 Chrysene-d12	240	10.907	10.901	(1.000)	671394	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.972	10.972	(1.006)	609364	38.5046	2600
62 Chrysene	228	10.930	10.930	(1.002)	735396	38.1038	2500
64 Di-n-octylphthalate	149	11.760	11.754	(0.928)	855356	34.8691	2300
65 Benzo(b)fluoranthene	252	12.177	12.177	(0.961)	585786	35.0209	2300
66 Benzo(k)fluoranthene	252	12.213	12.213	(0.964)	658194	37.0514	2500
67 Benzo(a)pyrene	252	12.589	12.583	(0.994)	498370	38.3710	2600
* 84 Perylene-d12	264	12.666	12.660	(1.000)	543422	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.036	14.030	(1.108)	410974	40.1062	2700
69 Dibenz(a,h)anthracene	278	14.071	14.066	(1.111)	460754	43.6914	2900
70 Benzo(g,h,i)perylene	276	14.377	14.371	(1.135)	452296	43.3671	2900

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x28886.d

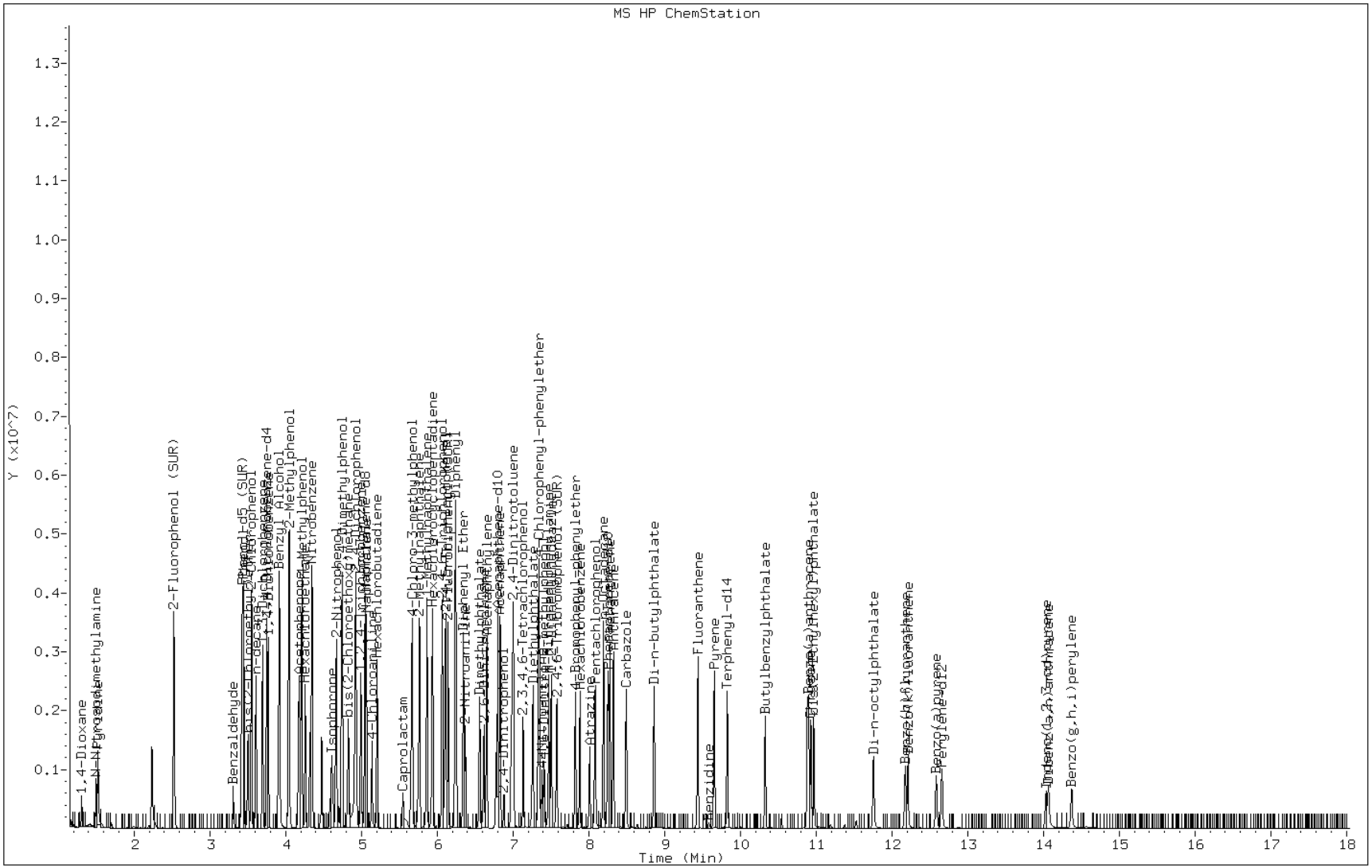
Date: 03-AUG-2012 03:34

Client ID:

Instrument: BNAMS5.i

Sample Info: LCS 460-122303/2-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122438/2-A
Matrix: Solid
Lab File ID: uu79123.d
Analysis Method: 8270C
Date Collected:
Extract. Method: 3541
Date Extracted: 08/03/2012 08:49
Sample wt/vol: 15.00(g)
Date Analyzed: 08/06/2012 14:46
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 122921
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5050		330	44
95-57-8	2-Chlorophenol	5320		330	44
95-48-7	2-Methylphenol	5060		330	56
106-44-5	4-Methylphenol	5130		330	65
100-52-7	Benzaldehyde	1200		330	39
98-86-2	Acetophenone	2630		330	51
111-44-4	Bis(2-chloroethyl)ether	2470		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2520		330	37
621-64-7	N-Nitrosodi-n-propylamine	2130		33	5.5
98-95-3	Nitrobenzene	2610		33	4.7
67-72-1	Hexachloroethane	2450		33	3.7
78-59-1	Isophorone	2430		330	40
88-75-5	2-Nitrophenol	5220		330	37
105-67-9	2,4-Dimethylphenol	5340		330	82
120-83-2	2,4-Dichlorophenol	5280		330	48
111-91-1	Bis(2-chloroethoxy)methane	2710		330	43
91-20-3	Naphthalene	2610		330	38
106-47-8	4-Chloroaniline	2100		330	88
87-68-3	Hexachlorobutadiene	2510		67	8.1
105-60-2	Caprolactam	2030		330	76
59-50-7	4-Chloro-3-methylphenol	5630		330	50
91-57-6	2-Methylnaphthalene	2670		330	43
118-74-1	Hexachlorobenzene	2740		33	4.5
77-47-4	Hexachlorocyclopentadiene	1880		330	39
88-06-2	2,4,6-Trichlorophenol	5240		330	39
95-95-4	2,4,5-Trichlorophenol	5130		330	43
92-52-4	Diphenyl	2590		330	44
91-58-7	2-Chloronaphthalene	2630		330	37
88-74-4	2-Nitroaniline	3010		670	140
606-20-2	2,6-Dinitrotoluene	2950		67	10
131-11-3	Dimethyl phthalate	2870		330	39
208-96-8	Acenaphthylene	2650		330	39
99-09-2	3-Nitroaniline	2270		670	120
83-32-9	Acenaphthene	3030		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-122438/2-A

Matrix: Solid | Lab File ID: uu79123.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 14:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6340		1000	210
51-28-5	2,4-Dinitrophenol	1800		1000	190
132-64-9	Dibenzofuran	2650		330	39
84-66-2	Diethyl phthalate	2920		330	39
86-73-7	Fluorene	2770		330	42
206-44-0	Fluoranthene	2690		330	44
84-74-2	Di-n-butyl phthalate	2810		330	41
121-14-2	2,4-Dinitrotoluene	2980		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2810		330	39
100-01-6	4-Nitroaniline	2970		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2940		1000	90
101-55-3	4-Bromophenyl phenyl ether	2820		330	33
1912-24-9	Atrazine	1890		330	51
120-12-7	Anthracene	2510		330	40
86-74-8	Carbazole	2750		330	39
85-01-8	Phenanthrene	2650		330	42
87-86-5	Pentachlorophenol	4900		1000	99
129-00-0	Pyrene	2650		330	28
218-01-9	Chrysene	2480		330	39
207-08-9	Benzo[k]fluoranthene	3000		33	2.5
191-24-2	Benzo[g,h,i]perylene	2510		330	25
205-99-2	Benzo[b]fluoranthene	3160		33	2.1
50-32-8	Benzo[a]pyrene	2970		33	2.3
56-55-3	Benzo[a]anthracene	2630		33	2.3
86-30-6	N-Nitrosodiphenylamine	2810		330	33
85-68-7	Butyl benzyl phthalate	2710		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2550		330	110
117-84-0	Di-n-octyl phthalate	3130		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2560		33	6.2
53-70-3	Dibenz(a,h)anthracene	2730		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2220		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2480		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2870		330	43

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-122438/2-A

Matrix: Solid | Lab File ID: uu79123.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 14:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	66		38-105
4165-62-2	Phenol-d5	64		41-118
1718-51-0	Terphenyl-d14	65		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	64		40-109

Data File: /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79123.d
Report Date: 07-Aug-2012 13:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79123.d
Lab Smp Id: LCS 460-122438/2-A
Inj Date : 06-AUG-2012 14:46
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-122438/2-A
Misc Info : LCS 460-122438/2-A
Comment :
Method : /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/8270C_11.m
Meth Date : 07-Aug-2012 12:30 monica Quant Type: ISTD
Cal Date : 31-JUL-2012 10:45 Cal File: u78924.d
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
106 1,4-Dioxane	88	1.668	1.615	(0.384)	81785	17.3780	1200
19 N-Nitrosodimethylamine	74	1.888	1.851	(0.435)	335788	34.3624	2300
71 Pyridine	79	1.925	1.880	(0.443)	345574	22.8232	1500
$ 16 2-Fluorophenol (SUR)	112	3.057	3.036	(0.704)	856798	66.6083	4400
110 Benzaldehyde	77	3.896	3.893	(0.897)	124715	18.0553	1200
73 Aniline	93	4.012	4.005	(0.924)	587171	27.6167	1800
$ 17 Phenol-d5 (SUR)	99	3.990	3.975	(0.919)	1164775	64.3882	4300
1 Phenol	94	4.005	3.990	(0.922)	1454704	75.7955	5000
20 bis(2-Chloroethyl)ether	93	4.078	4.071	(0.939)	531458	37.0103	2500
2 2-Chlorophenol	128	4.136	4.131	(0.952)	1178707	79.8341	5300
113 n-decane	43	4.180	4.176	(0.963)	448044	28.3818	1900
21 1,3-Dichlorobenzene	146	4.284	4.284	(0.986)	513364	35.6547	2400
* 79 1,4-Dichlorobenzene-d4	152	4.343	4.334	(1.000)	373697	40.0000	

Data File: /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79123.d
Report Date: 07-Aug-2012 13:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	4.357	4.357	(1.003)	506777	34.3291	2300
	74 Benzyl Alcohol	108	4.497	4.482	(1.035)	378656	40.6724	2700
	23 1,2-Dichlorobenzene	146	4.512	4.511	(1.039)	507089	35.4715	2400
	24 bis (2-chloroisopropyl) ether	45	4.623	4.615	(1.065)	991144	37.8610	2500
	3 2-Methylphenol	108	4.608	4.601	(1.061)	972824	75.9194	5100
	104 Acetophenone	105	4.756	4.757	(1.095)	614929	39.5125	2600
	25 N-Nitroso-di-n-propylamine	70	4.794	4.757	(1.104)	354638	31.8814	2100
	4 4-Methylphenol	108	4.779	4.763	(1.100)	1023718	76.8944	5100
	123 3 & 4 Methylphenol	108	4.779	4.763	(1.100)	1023718	76.8944	5100
	26 Hexachloroethane	117	4.853	4.853	(1.117)	201277	36.7938	2400
$	76 Nitrobenzene-d5 (SUR)	82	4.905	4.905	(0.870)	502351	32.8357	2200
	27 Nitrobenzene	77	4.928	4.927	(0.874)	742059	39.1040	2600
	107 N,N-Dimethylaniline	120	4.935	4.927	(1.136)	648027	37.0070	2500
	28 Isophorone	82	5.193	5.171	(0.921)	1099430	36.5060	2400(H)
	5 2-Nitrophenol	139	5.252	5.244	(0.931)	678633	78.3608	5200
	6 2,4-Dimethylphenol	122	5.311	5.302	(0.942)	994422	80.0841	5300
	29 bis(2-Chloroethoxy)methane	93	5.401	5.391	(0.958)	683892	40.6929	2700
	7 2,4-Dichlorophenol	162	5.504	5.495	(0.976)	883968	79.2420	5300
	15 Benzoic Acid	122	5.512	5.465	(0.978)	421617	59.0345	3900(M)
	30 1,2,4-Trichlorobenzene	180	5.579	5.577	(0.989)	387787	38.3457	2600
*	80 Naphthalene-d8	136	5.638	5.636	(1.000)	1493622	40.0000	
	31 Naphthalene	128	5.661	5.657	(1.004)	1454477	39.2070	2600
	32 4-Chloroaniline	127	5.712	5.715	(1.013)	538423	31.5470	2100
	33 Hexachlorobutadiene	225	5.785	5.788	(1.026)	202913	37.7200	2500
	111 Caprolactam	113	6.145	6.112	(1.090)	132307	30.4251	2000
	8 4-Chloro-3-methylphenol	107	6.241	6.221	(1.107)	907459	84.3890	5600
	34 2-Methylnaphthalene	142	6.358	6.353	(1.128)	978374	40.0296	2700
	120 1-Methylnaphthalene	142	6.461	6.457	(1.146)	992163	38.5129	2600
	35 Hexachlorocyclopentadiene	237	6.519	6.524	(0.881)	162746	28.2368	1900
	129 1,2,4,5-Tetrachlorobenzene	216	6.534	6.531	(0.883)	399320	37.2155	2500
	9 2,4,6-Trichlorophenol	196	6.653	6.649	(0.899)	570001	78.6199	5200
	10 2,4,5-Trichlorophenol	196	6.698	6.686	(0.905)	597242	76.9779	5100
$	77 2-Fluorobiphenyl (SUR)	172	6.728	6.729	(0.909)	770910	31.8512	2100
	102 Diphenyl	154	6.830	6.826	(0.923)	1138606	38.8207	2600
	36 2-Chloronaphthalene	162	6.853	6.849	(0.926)	912911	39.4784	2600
	103 Diphenyl Ether	170	6.935	6.931	(0.937)	603490	40.9307	2700
	37 2-Nitroaniline	65	6.957	6.953	(0.940)	426189	45.1919	3000
	38 Dimethylphthalate	163	7.143	7.139	(0.965)	1122506	43.1086	2900
	40 2,6-Dinitrotoluene	165	7.201	7.197	(0.973)	281990	44.1938	2900
	39 Acenaphthylene	152	7.260	7.263	(0.981)	1533389	39.7179	2600
	41 3-Nitroaniline	138	7.372	7.366	(0.996)	289929	34.0690	2300
*	82 Acenaphthene-d10	164	7.401	7.403	(1.000)	815952	40.0000	
	42 Acenaphthene	154	7.437	7.432	(1.005)	932096	45.4289	3000
	11 2,4-Dinitrophenol	184	7.467	7.469	(1.009)	95798	27.0353	1800
	12 4-Nitrophenol	65	7.564	7.543	(1.022)	523704	95.0731	6300
	43 Dibenzofuran	168	7.609	7.603	(1.028)	1222245	39.7456	2600
	44 2,4-Dinitrotoluene	165	7.601	7.595	(1.027)	367448	44.7122	3000

Data File: /chem/BNAMS4.i/8270T/07-31-12/06aug12.b/uu79123.d
Report Date: 07-Aug-2012 13:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	130 2,3,4,6-Tetrachlorophenol	232	7.734	7.735	(1.045)	274615	43.0299	2900
	45 Diethylphthalate	149	7.846	7.839	(1.060)	1168025	43.8016	2900
	47 Fluorene	166	7.950	7.949	(1.074)	948885	41.5197	2800
	46 4-Chlorophenyl-phenylether	204	7.943	7.941	(1.073)	402221	42.1592	2800
	48 4-Nitroaniline	138	7.994	7.985	(1.080)	390666	44.5681	3000
	13 4,6-Dinitro-2-methylphenol	198	8.016	8.006	(0.903)	205899	44.1163	2900
	49 N-Nitrosodiphenylamine	169	8.068	8.065	(0.909)	764790	42.1356	2800
	75 1,2-Diphenylhydrazine	77	8.105	8.102	(0.913)	1371443	35.9394	2400
$	18 2,4,6-Tribromophenol (SUR)	330	8.188	8.184	(1.106)	272912	71.4326	4800
	50 4-Bromophenyl-phenylether	248	8.424	8.427	(0.949)	296570	42.3649	2800
	51 Hexachlorobenzene	284	8.499	8.494	(0.957)	300249	41.0472	2700
	112 Atrazine	200	8.603	8.597	(0.969)	163257	28.4105	1900
	14 Pentachlorophenol	266	8.700	8.692	(0.980)	394187	73.4270	4900
	115 n-Octadecane	57	8.766	8.766	(0.987)	808791	38.7929	2600
*	83 Phenanthrene-d10	188	8.877	8.876	(1.000)	1156933	40.0000	
	52 Phenanthrene	178	8.899	8.898	(1.002)	1300464	39.7397	2600
	53 Anthracene	178	8.950	8.950	(1.008)	1257362	37.6951	2500
	54 Carbazole	167	9.105	9.104	(1.026)	1369097	41.1848	2700
	55 Di-n-butylphthalate	149	9.445	9.441	(1.064)	1993511	42.1768	2800
	56 Fluoranthene	202	10.070	10.066	(1.134)	1306433	40.2993	2700
	58 Benzidine	184	10.195	10.191	(1.148)	38761	3.38084	220(aR)
	57 Pyrene	202	10.298	10.293	(0.884)	1300580	39.7488	2600
$	78 Terphenyl-d14	244	10.451	10.448	(0.897)	813166	32.3609	2200
	59 Butylbenzylphthalate	149	10.973	10.975	(0.941)	800166	40.6770	2700
	60 3,3'-Dichlorobenzidine	252	11.612	11.608	(0.996)	328506	33.3375	2200
	61 Benzo(a)anthracene	228	11.634	11.630	(0.998)	1077675	39.4203	2600
*	81 Chrysene-d12	240	11.655	11.652	(1.000)	928803	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.669	11.665	(1.001)	978749	38.2411	2500
	62 Chrysene	228	11.691	11.688	(1.003)	905539	37.1921	2500
	64 Di-n-octylphthalate	149	12.529	12.524	(0.923)	1595361	46.9543	3100
	65 Benzo(b)fluoranthene	252	13.050	13.052	(0.961)	909468	47.4409	3200
	66 Benzo(k)fluoranthene	252	13.094	13.089	(0.964)	911657	45.0264	3000
	67 Benzo(a)pyrene	252	13.501	13.500	(0.994)	716646	44.5228	3000(RM)
*	84 Perylene-d12	264	13.581	13.575	(1.000)	637502	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.105	15.112	(1.112)	539921	38.4206	2600(M)
	69 Dibenz(a,h)anthracene	278	15.142	15.147	(1.115)	524052	40.9319	2700
	70 Benzo(g,h,i)perylene	276	15.539	15.545	(1.144)	531280	37.6755	2500

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: uu79123.d

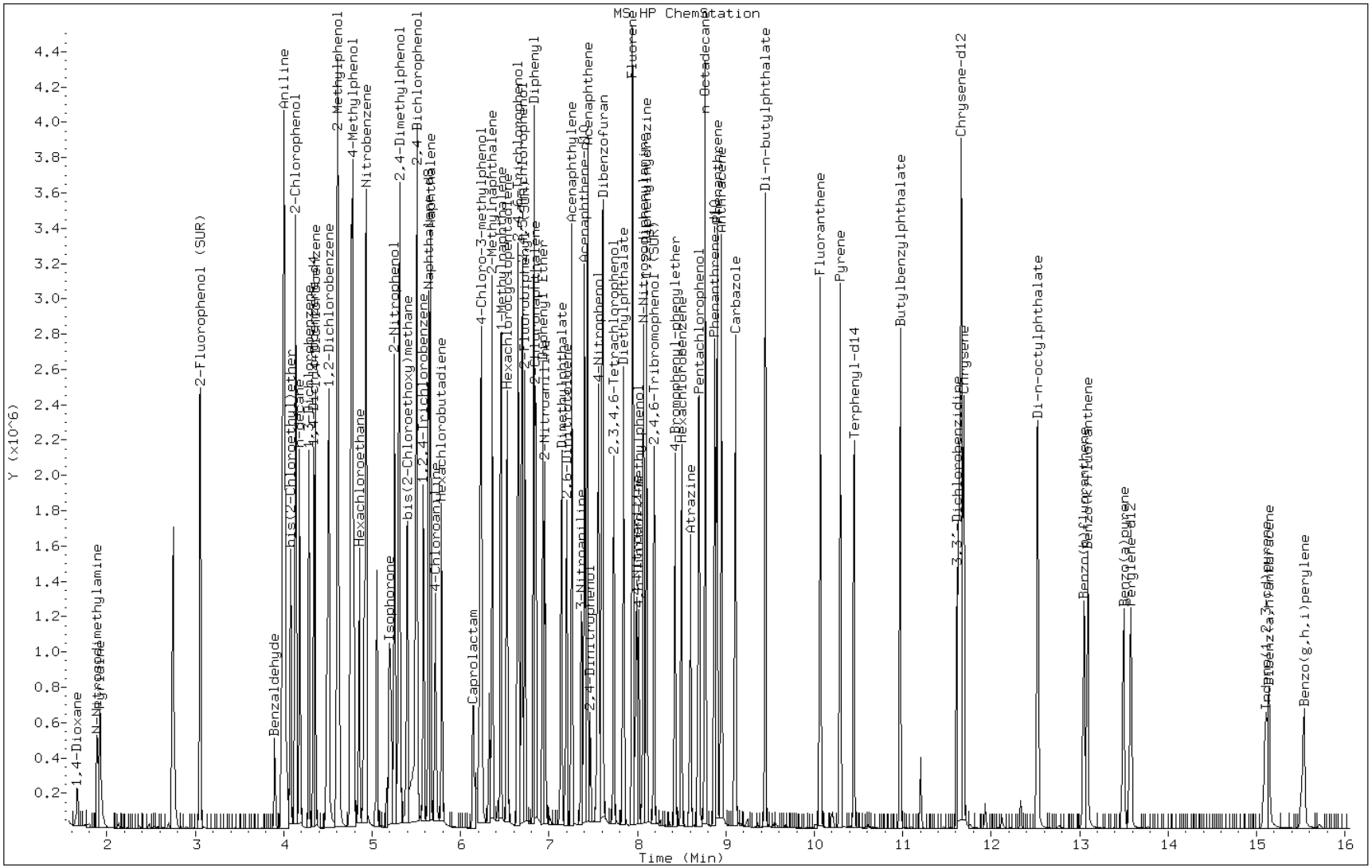
Date: 06-AUG-2012 14:46

Client ID:

Instrument: BNAMS4.i

Sample Info: LCS 460-122438/2-A

Operator: BNAMS 4



Manual Integration Report

Data File: uu79123.d
Inj. Date and Time: 06-AUG-2012 14:46
Instrument ID: BNAMS4.i
Client ID:
Compound: 67 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 08/07/2012

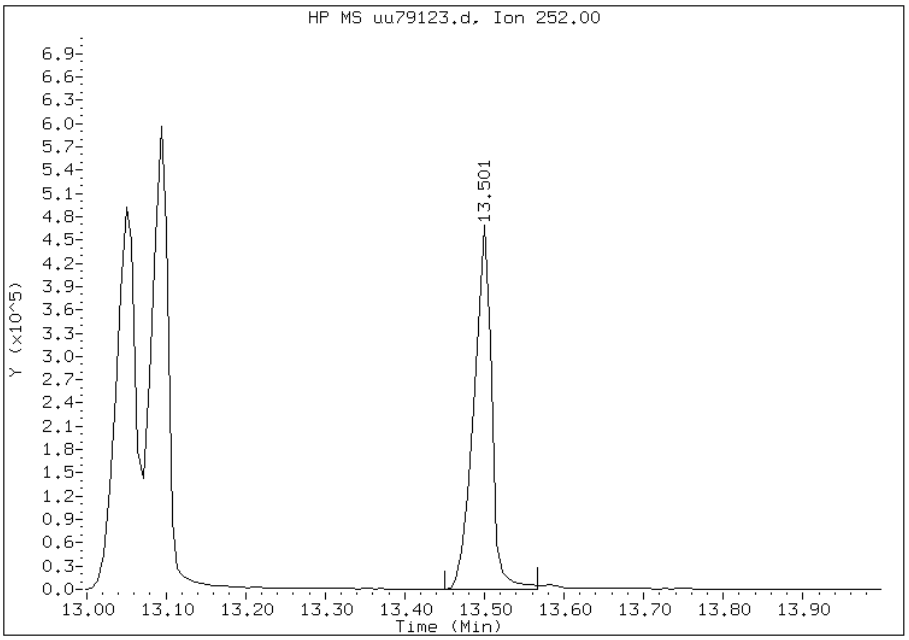
Processing Integration Results

RT: 13.50

Response: 737970

Amount: 46

Conc: 3057



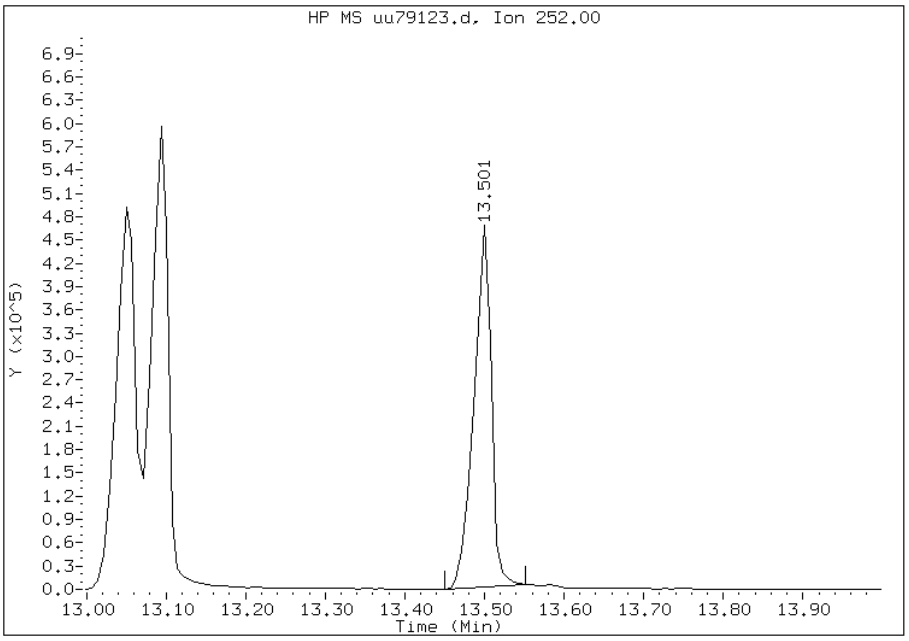
Manual Integration Results

RT: 13.50

Response: 716646

Amount: 45

Conc: 2968



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: uu79123.d
Inj. Date and Time: 06-AUG-2012 14:46
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 08/07/2012

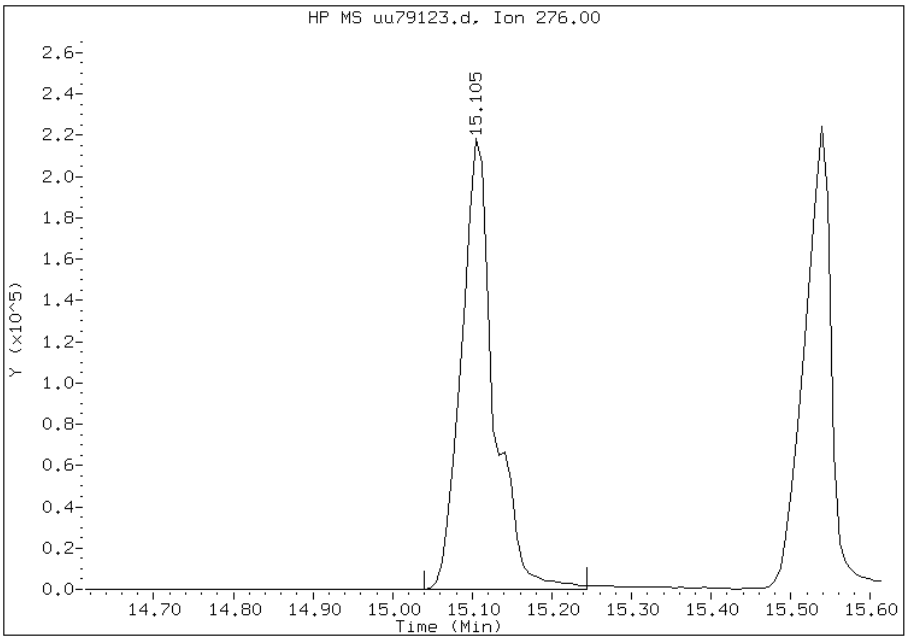
Processing Integration Results

RT: 15.11

Response: 629975

Amount: 45

Conc: 2989



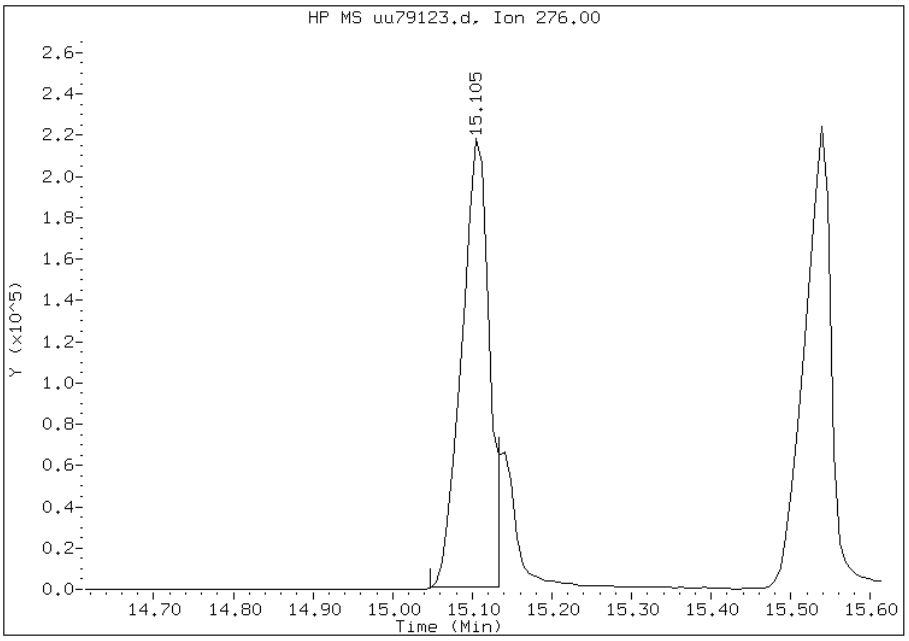
Manual Integration Results

RT: 15.11

Response: 539921

Amount: 38

Conc: 2561



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-122162/3-A

Matrix: Water | Lab File ID: x28840.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2012 14:33

Sample wt/vol: 1000(mL) | Date Analyzed: 08/02/2012 03:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122318 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	31.5		10	0.81
95-57-8	2-Chlorophenol	79.9		10	2.2
95-48-7	2-Methylphenol	68.2		10	1.8
106-44-5	4-Methylphenol	62.7		10	1.6
100-52-7	Benzaldehyde	141		10	2.0
98-86-2	Acetophenone	87.6		10	2.7
111-44-4	Bis(2-chloroethyl)ether	92.2		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	82.1		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	88.0		1.0	0.25
98-95-3	Nitrobenzene	82.2		1.0	0.30
67-72-1	Hexachloroethane	80.6		1.0	0.25
78-59-1	Isophorone	83.4		10	2.7
88-75-5	2-Nitrophenol	83.0		10	2.4
105-67-9	2,4-Dimethylphenol	80.2		10	3.4
120-83-2	2,4-Dichlorophenol	86.6		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	84.9		10	2.6
91-20-3	Naphthalene	82.4		10	2.7
106-47-8	4-Chloroaniline	80.5		10	2.0
87-68-3	Hexachlorobutadiene	78.4		2.0	0.57
105-60-2	Caprolactam	18.4		10	2.5
59-50-7	4-Chloro-3-methylphenol	82.1		10	2.5
91-57-6	2-Methylnaphthalene	79.6		10	3.0
118-74-1	Hexachlorobenzene	82.5		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	75.5		10	1.7
88-06-2	2,4,6-Trichlorophenol	85.2		10	2.4
95-95-4	2,4,5-Trichlorophenol	87.1		10	2.6
92-52-4	Diphenyl	84.7		10	2.8
91-58-7	2-Chloronaphthalene	81.6		10	2.7
88-74-4	2-Nitroaniline	92.7		20	4.9
606-20-2	2,6-Dinitrotoluene	85.7		2.0	0.61
131-11-3	Dimethyl phthalate	86.3		10	2.8
208-96-8	Acenaphthylene	82.5		10	2.7
99-09-2	3-Nitroaniline	84.5		20	5.0
83-32-9	Acenaphthene	85.8		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-122162/3-A
Matrix: Water
Lab File ID: x28840.d
Analysis Method: 8270C
Date Collected:
Extract. Method: 3510C
Date Extracted: 08/01/2012 14:33
Sample wt/vol: 1000(mL)
Date Analyzed: 08/02/2012 03:18
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 122318
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	24.4	J	30	6.7
51-28-5	2,4-Dinitrophenol	64.6		30	5.4
132-64-9	Dibenzofuran	81.7		10	2.8
84-66-2	Diethyl phthalate	83.6		10	2.9
86-73-7	Fluorene	85.0		10	2.8
206-44-0	Fluoranthene	82.8		10	3.2
84-74-2	Di-n-butyl phthalate	86.3		10	2.9
121-14-2	2,4-Dinitrotoluene	82.0		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	81.9		10	2.5
100-01-6	4-Nitroaniline	79.1		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	85.4		30	4.7
101-55-3	4-Bromophenyl phenyl ether	84.9		10	2.5
1912-24-9	Atrazine	80.8		10	3.0
120-12-7	Anthracene	84.0		10	2.8
86-74-8	Carbazole	85.3		10	3.2
85-01-8	Phenanthrene	85.3		10	3.1
87-86-5	Pentachlorophenol	79.5		30	5.3
129-00-0	Pyrene	87.4		10	2.9
218-01-9	Chrysene	87.4		10	3.1
207-08-9	Benzo[k]fluoranthene	89.1		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	94.6		10	2.0
205-99-2	Benzo[b]fluoranthene	79.1		1.0	0.26
50-32-8	Benzo[a]pyrene	86.6		1.0	0.14
56-55-3	Benzo[a]anthracene	82.0		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	91.8		10	2.9
85-68-7	Butyl benzyl phthalate	91.2		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	89.6		10	2.0
117-84-0	Di-n-octyl phthalate	85.5		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	83.7		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	92.8		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	95.1		20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	75.3		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	79.4		10	2.5

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-122162/3-A

Matrix: Water | Lab File ID: x28840.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2012 14:33

Sample wt/vol: 1000(mL) | Date Analyzed: 08/02/2012 03:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122318 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		56-112
4165-62-2	Phenol-d5	28		10-48
1718-51-0	Terphenyl-d14	83		50-122
118-79-6	2,4,6-Tribromophenol	80		46-122
367-12-4	2-Fluorophenol	43		10-65
321-60-8	2-Fluorobiphenyl	82		53-108

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28840.d
Report Date: 02-Aug-2012 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28840.d
Lab Smp Id: LCSD 460-122162/3-A
Inj Date : 02-AUG-2012 03:18
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCSD 460-122162/3-A
Misc Info : LCSD 460-122162/3-A
Comment :
Method : /chem/BNAMS5.i/8270/07-19-12/02aug12.b/8270C_11.m
Meth Date : 02-Aug-2012 11:20 monica Quant Type: ISTD
Cal Date : 19-JUL-2012 02:12 Cal File: x28354.d
Als bottle: 7 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106 1,4-Dioxane	88	1.266	1.249	(0.335)	156335	21.0508	42(H)
19 N-Nitrosodimethylamine	74	1.466	1.460	(0.388)	227987	22.6640	45
71 Pyridine	79	1.484	1.484	(0.393)	285078	16.0284	32
$ 16 2-Fluorophenol (SUR)	112	2.519	2.525	(0.667)	382852	21.6654	43
110 Benzaldehyde	77	3.331	3.331	(0.882)	517243	70.5810	140
73 Aniline	93	3.449	3.449	(0.913)	708442	29.3371	59
$ 17 Phenol-d5 (SUR)	99	3.437	3.454	(0.910)	270384	13.7591	28
1 Phenol	94	3.454	3.466	(0.914)	349248	15.7534	32
20 bis(2-Chloroethyl)ether	93	3.519	3.525	(0.931)	704411	46.1071	92
2 2-Chlorophenol	128	3.572	3.578	(0.946)	761711	39.9590	80
113 n-decane	43	3.637	3.637	(0.963)	626889	37.4869	75
21 1,3-Dichlorobenzene	146	3.719	3.719	(0.984)	863562	39.9538	80
* 79 1,4-Dichlorobenzene-d4	152	3.778	3.778	(1.000)	515126	40.0000	
22 1,4-Dichlorobenzene	146	3.796	3.796	(1.005)	853301	39.8135	80
74 Benzyl Alcohol	108	3.937	3.943	(1.042)	374717	37.1728	74

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28840.d
Report Date: 02-Aug-2012 12:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
23 1,2-Dichlorobenzene	146	3.949	3.949	(1.045)	801035	40.3679	81
24 bis (2-chloroisopropyl) ether	45	4.072	4.072	(1.078)	742249	41.0332	82
3 2-Methylphenol	108	4.072	4.072	(1.078)	510441	34.1209	68
104 Acetophenone	105	4.201	4.207	(1.112)	930582	43.7897	88
25 N-Nitroso-di-n-propylamine	70	4.219	4.219	(1.117)	479571	44.0203	88
4 4-Methylphenol	108	4.231	4.237	(1.120)	467079	31.3397	63
123 3 & 4 Methylphenol	108	4.231	4.237	(1.120)	467079	33.6373	67
26 Hexachloroethane	117	4.290	4.290	(1.135)	321064	40.2941	80
$ 76 Nitrobenzene-d5 (SUR)	82	4.354	4.354	(0.859)	752592	41.5828	83
27 Nitrobenzene	77	4.378	4.378	(0.863)	928108	41.0799	82
107 N,N-Dimethylaniline	120	4.378	4.378	(1.159)	990901	38.8984	78
28 Isophorone	82	4.619	4.619	(0.911)	1179088	41.6882	83
5 2-Nitrophenol	139	4.696	4.696	(0.926)	413663	41.5156	83
6 2,4-Dimethylphenol	122	4.772	4.772	(0.941)	594568	40.1201	80
29 bis(2-Chloroethoxy)methane	93	4.854	4.854	(0.957)	736541	42.4439	85
15 Benzoic Acid	122	4.837	4.948	(0.954)	4554	0.54783	1.1(aRH)
7 2,4-Dichlorophenol	162	4.948	4.948	(0.976)	573174	43.2836	86
30 1,2,4-Trichlorobenzene	180	5.019	5.019	(0.990)	601847	39.3455	79
* 80 Naphthalene-d8	136	5.072	5.072	(1.000)	1864000	40.0000	
31 Naphthalene	128	5.096	5.095	(1.005)	2029730	41.1774	82
32 4-Chloroaniline	127	5.160	5.166	(1.017)	731448	40.2336	80
33 Hexachlorobutadiene	225	5.231	5.231	(1.031)	348838	39.2150	78
111 Caprolactam	113	5.531	5.560	(1.090)	36905	9.20060	18
8 4-Chloro-3-methylphenol	107	5.684	5.690	(1.121)	518456	41.0556	82
34 2-Methylnaphthalene	142	5.790	5.790	(1.141)	1227494	39.8046	80
120 1-Methylnaphthalene	142	5.890	5.890	(1.161)	1172121	37.2361	74
35 Hexachlorocyclopentadiene	237	5.960	5.960	(0.874)	269382	37.7708	76
129 1,2,4,5-Tetrachlorobenzene	216	5.966	5.966	(0.875)	519422	37.6555	75
9 2,4,6-Trichlorophenol	196	6.084	6.090	(0.892)	356025	42.6068	85
10 2,4,5-Trichlorophenol	196	6.125	6.131	(0.898)	373727	43.5601	87
$ 77 2-Fluorobiphenyl (SUR)	172	6.166	6.166	(0.904)	1284221	40.8924	82
102 Diphenyl	154	6.260	6.266	(0.918)	1435725	42.3544	85
36 2-Chloronaphthalene	162	6.272	6.272	(0.920)	1072479	40.7902	82
103 Diphenyl Ether	170	6.366	6.366	(0.934)	774176	41.4385	83
37 2-Nitroaniline	65	6.390	6.390	(0.937)	318513	46.3656	93
38 Dimethylphthalate	163	6.584	6.584	(0.965)	1139764	43.1604	86
40 2,6-Dinitrotoluene	165	6.637	6.637	(0.973)	266864	42.8344	86
39 Acenaphthylene	152	6.678	6.678	(0.979)	1659724	41.2721	82
41 3-Nitroaniline	138	6.801	6.801	(0.997)	267760	42.2642	84
* 82 Acenaphthene-d10	164	6.819	6.819	(1.000)	860898	40.0000	
42 Acenaphthene	154	6.854	6.854	(1.005)	992330	42.8830	86
11 2,4-Dinitrophenol	184	6.901	6.901	(1.012)	97359	32.3117	65
12 4-Nitrophenol	65	6.995	7.001	(1.026)	48329	12.1757	24(a)
43 Dibenzofuran	168	7.025	7.025	(1.030)	1377299	40.8710	82
44 2,4-Dinitrotoluene	165	7.031	7.031	(1.031)	306288	41.0109	82
130 2,3,4,6-Tetrachlorophenol	232	7.154	7.160	(1.049)	230350	39.7204	79
45 Diethylphthalate	149	7.278	7.278	(1.067)	1051549	41.8143	84

Data File: /chem/BNAMS5.i/8270/07-19-12/02aug12.b/x28840.d
Report Date: 02-Aug-2012 12:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	47 Fluorene	166	7.360	7.360	(1.079)	1142051	42.5089	85
	46 4-Chlorophenyl-phenylether	204	7.372	7.372	(1.081)	515109	40.9405	82
	48 4-Nitroaniline	138	7.401	7.407	(1.085)	221451	39.5250	79
	13 4,6-Dinitro-2-methylphenol	198	7.431	7.431	(0.898)	164631	42.7204	85
	49 N-Nitrosodiphenylamine	169	7.489	7.489	(0.905)	778237	45.9245	92
	75 1,2-Diphenylhydrazine	77	7.525	7.525	(0.910)	1029118	38.3496	77
$	18 2,4,6-Tribromophenol (SUR)	330	7.601	7.601	(1.115)	162716	39.7551	80
	50 4-Bromophenyl-phenylether	248	7.842	7.842	(0.948)	290855	42.4545	85
	51 Hexachlorobenzene	284	7.901	7.901	(0.955)	303310	41.2748	82
	112 Atrazine	200	8.031	8.031	(0.971)	229876	40.3830	81
	14 Pentachlorophenol	266	8.101	8.101	(0.979)	163724	39.7307	79
	115 n-Octadecane	57	8.207	8.213	(0.992)	576119	43.3019	87
*	83 Phenanthrene-d10	188	8.272	8.272	(1.000)	1058918	40.0000	
	52 Phenanthrene	178	8.295	8.295	(1.003)	1300286	42.6584	85
	53 Anthracene	178	8.342	8.348	(1.009)	1298515	41.9801	84
	54 Carbazole	167	8.513	8.513	(1.029)	1109743	42.6296	85
	55 Di-n-butylphthalate	149	8.878	8.878	(1.073)	1433738	43.1565	86
	56 Fluoranthene	202	9.454	9.454	(1.143)	1146177	41.4046	83
	58 Benzidine	184	9.595	9.595	(1.160)	15519	2.97020	5.9(a)
	57 Pyrene	202	9.672	9.672	(0.886)	1110181	43.6775	87
$	78 Terphenyl-d14	244	9.842	9.842	(0.901)	768432	41.5180	83
	59 Butylbenzylphthalate	149	10.342	10.342	(0.947)	477793	45.5866	91
	60 3,3'-Dichlorobenzidine	252	10.895	10.889	(0.998)	236192	47.5416	95
	61 Benzo(a)anthracene	228	10.901	10.901	(0.998)	750256	41.0167	82
*	81 Chrysene-d12	240	10.919	10.913	(1.000)	592477	40.0000	
	62 Chrysene	228	10.948	10.942	(1.003)	744454	43.7110	87
	63 bis(2-Ethylhexyl)phthalate	149	10.983	10.983	(1.006)	625520	44.7902	90
	64 Di-n-octylphthalate	149	11.766	11.766	(0.928)	864303	42.7729	86
	65 Benzo(b)fluoranthene	252	12.195	12.195	(0.962)	545226	39.5707	79
	66 Benzo(k)fluoranthene	252	12.224	12.230	(0.964)	652225	44.5715	89
	67 Benzo(a)pyrene	252	12.601	12.601	(0.994)	463033	43.2785	86
*	84 Perylene-d12	264	12.677	12.677	(1.000)	447639	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.048	14.048	(1.108)	354281	41.8459	84
	69 Dibenz(a,h)anthracene	278	14.083	14.083	(1.111)	404622	46.4012	93
	70 Benzo(g,h,i)perylene	276	14.389	14.389	(1.135)	406577	47.3249	95

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x28840.d

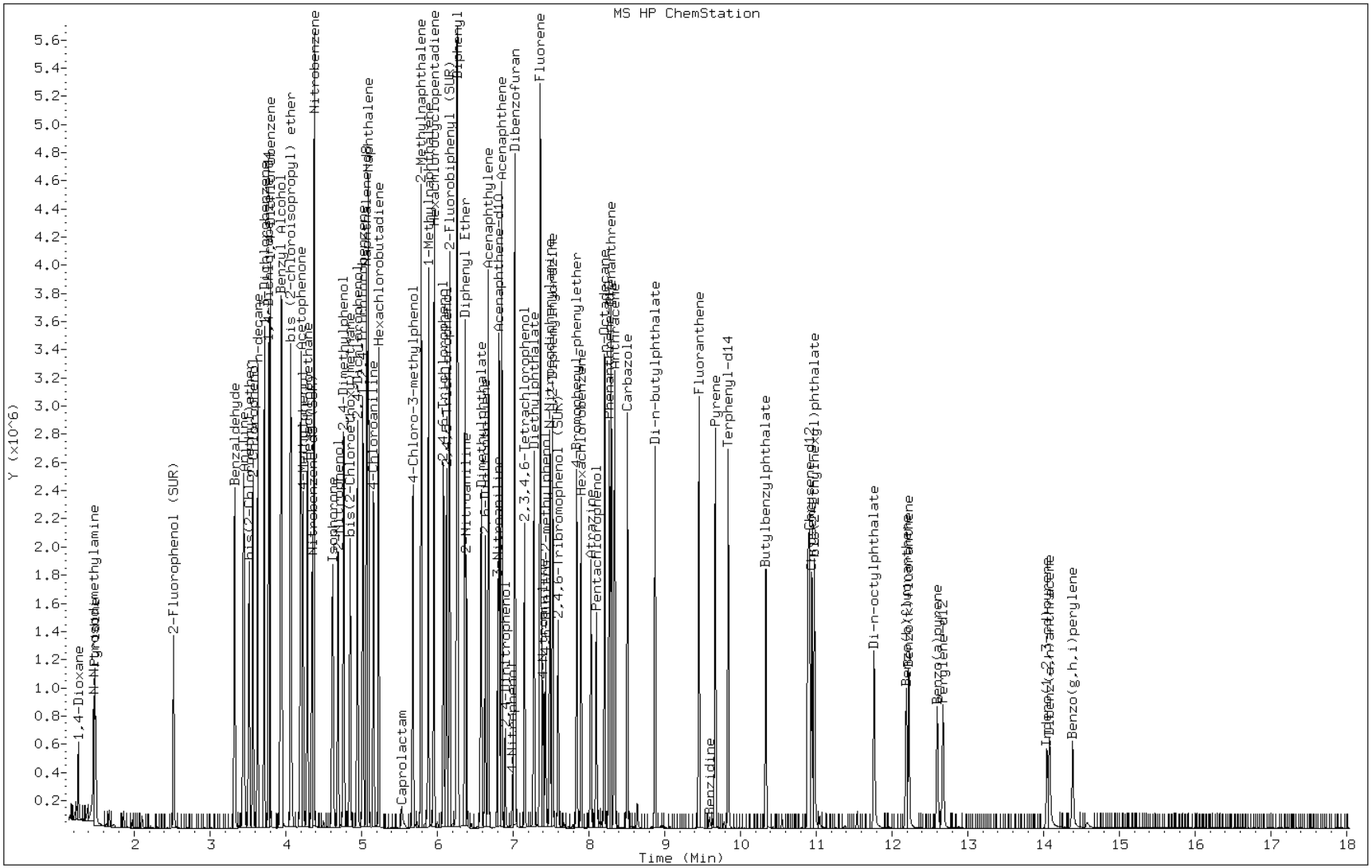
Date: 02-AUG-2012 03:18

Client ID:

Instrument: BNAMS5.i

Sample Info: LCSD 460-122162/3-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MS | Lab Sample ID: 460-42971-3 MS

Matrix: Solid | Lab File ID: uu79144.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.01(g) | Date Analyzed: 08/06/2012 21:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	7230		460	62
95-57-8	2-Chlorophenol	7100		460	60
95-48-7	2-Methylphenol	6860		460	78
106-44-5	4-Methylphenol	6830		460	90
100-52-7	Benzaldehyde	3860		460	54
98-86-2	Acetophenone	3790		460	71
111-44-4	Bis(2-chloroethyl)ether	3720		46	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	3560		460	51
621-64-7	N-Nitrosodi-n-propylamine	3700		46	7.7
98-95-3	Nitrobenzene	3930		46	6.5
67-72-1	Hexachloroethane	2980		46	5.1
78-59-1	Isophorone	3510		460	56
88-75-5	2-Nitrophenol	6330		460	51
105-67-9	2,4-Dimethylphenol	7370		460	110
120-83-2	2,4-Dichlorophenol	6600		460	67
111-91-1	Bis(2-chloroethoxy)methane	3880		460	59
91-20-3	Naphthalene	3940		460	53
106-47-8	4-Chloroaniline	1140		460	120
87-68-3	Hexachlorobutadiene	3710		93	11
105-60-2	Caprolactam	120	J	460	110
59-50-7	4-Chloro-3-methylphenol	6490		460	69
91-57-6	2-Methylnaphthalene	3550		460	59
118-74-1	Hexachlorobenzene	4250		46	6.3
77-47-4	Hexachlorocyclopentadiene	96.1	J	460	54
88-06-2	2,4,6-Trichlorophenol	7460		460	54
95-95-4	2,4,5-Trichlorophenol	6900		460	59
92-52-4	Diphenyl	4320		460	62
91-58-7	2-Chloronaphthalene	4180		460	51
88-74-4	2-Nitroaniline	3600		930	190
606-20-2	2,6-Dinitrotoluene	3760		93	14
131-11-3	Dimethyl phthalate	4130		460	54
208-96-8	Acenaphthylene	4130		460	54
99-09-2	3-Nitroaniline	2300		930	160
83-32-9	Acenaphthene	4490		460	67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MS | Lab Sample ID: 460-42971-3 MS

Matrix: Solid | Lab File ID: uu79144.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.01(g) | Date Analyzed: 08/06/2012 21:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7050		1400	300
51-28-5	2,4-Dinitrophenol	346	J	1400	260
132-64-9	Dibenzofuran	4220		460	54
84-66-2	Diethyl phthalate	3970		460	55
86-73-7	Fluorene	4310		460	59
206-44-0	Fluoranthene	10000		460	61
84-74-2	Di-n-butyl phthalate	4230		460	57
121-14-2	2,4-Dinitrotoluene	3530		93	15
7005-72-3	4-Chlorophenyl phenyl ether	4360		460	54
100-01-6	4-Nitroaniline	1750		930	140
534-52-1	4,6-Dinitro-2-methylphenol	757	J	1400	130
101-55-3	4-Bromophenyl phenyl ether	4160		460	46
1912-24-9	Atrazine	2480		460	71
120-12-7	Anthracene	4990		460	56
86-74-8	Carbazole	4040		460	54
85-01-8	Phenanthrene	8120		460	58
87-86-5	Pentachlorophenol	6220		1400	140
129-00-0	Pyrene	8040		460	38
218-01-9	Chrysene	8340		460	54
207-08-9	Benzo[k]fluoranthene	12300		46	3.5
191-24-2	Benzo[g,h,i]perylene	3060		460	34
205-99-2	Benzo[b]fluoranthene	13000		46	2.9
50-32-8	Benzo[a]pyrene	3640		46	3.2
56-55-3	Benzo[a]anthracene	7650		46	3.2
86-30-6	N-Nitrosodiphenylamine	4270		460	45
85-68-7	Butyl benzyl phthalate	3560		460	42
117-81-7	Bis(2-ethylhexyl) phthalate	3460		460	150
117-84-0	Di-n-octyl phthalate	5600		460	29
193-39-5	Indeno[1,2,3-cd]pyrene	4050		46	8.5
53-70-3	Dibenz(a,h)anthracene	2620		46	5.8
91-94-1	3,3'-Dichlorobenzidine	160	U	930	160
95-94-3	1,2,4,5-Tetrachlorobenzene	4070		460	62
58-90-2	2,3,4,6-Tetrachlorophenol	3460		460	60

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MS | Lab Sample ID: 460-42971-3 MS

Matrix: Solid | Lab File ID: uu79144.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.01(g) | Date Analyzed: 08/06/2012 21:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	64		41-118
1718-51-0	Terphenyl-d14	55		16-151
118-79-6	2,4,6-Tribromophenol	62		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-43010-F-2-C MS

Matrix: Solid | Lab File ID: x28903.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 10:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5870		440	59
95-57-8	2-Chlorophenol	5790		440	58
95-48-7	2-Methylphenol	6360		440	75
106-44-5	4-Methylphenol	6560		440	86
100-52-7	Benzaldehyde	2420		440	52
98-86-2	Acetophenone	3040		440	67
111-44-4	Bis(2-chloroethyl)ether	3130		44	6.0
108-60-1	2,2'-oxybis[1-chloropropane]	2810		440	48
621-64-7	N-Nitrosodi-n-propylamine	3630		44	7.3
98-95-3	Nitrobenzene	2920		44	6.2
67-72-1	Hexachloroethane	1940		44	4.9
78-59-1	Isophorone	3320		440	53
88-75-5	2-Nitrophenol	4990		440	49
105-67-9	2,4-Dimethylphenol	6580		440	110
120-83-2	2,4-Dichlorophenol	6050		440	64
111-91-1	Bis(2-chloroethoxy)methane	3320		440	57
91-20-3	Naphthalene	2760		440	51
106-47-8	4-Chloroaniline	2310		440	120
87-68-3	Hexachlorobutadiene	2440		89	11
105-60-2	Caprolactam	3510		440	100
59-50-7	4-Chloro-3-methylphenol	6880		440	66
91-57-6	2-Methylnaphthalene	2950		440	56
118-74-1	Hexachlorobenzene	3890		44	6.0
77-47-4	Hexachlorocyclopentadiene	1130		440	52
88-06-2	2,4,6-Trichlorophenol	6150		440	51
95-95-4	2,4,5-Trichlorophenol	6130		440	57
92-52-4	Diphenyl	3590		440	59
91-58-7	2-Chloronaphthalene	3320		440	49
88-74-4	2-Nitroaniline	3830		890	180
606-20-2	2,6-Dinitrotoluene	3800		89	13
131-11-3	Dimethyl phthalate	4180		440	52
208-96-8	Acenaphthylene	3450		440	52
99-09-2	3-Nitroaniline	3220		890	150
83-32-9	Acenaphthene	3660		440	64

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-43010-F-2-C MS

Matrix: Solid | Lab File ID: x28903.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 10:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7130		1300	280
51-28-5	2,4-Dinitrophenol	1360		1300	250
132-64-9	Dibenzofuran	3520		440	51
84-66-2	Diethyl phthalate	4200		440	52
86-73-7	Fluorene	3670		440	56
206-44-0	Fluoranthene	4000		440	58
84-74-2	Di-n-butyl phthalate	4390		440	54
121-14-2	2,4-Dinitrotoluene	3940		89	14
7005-72-3	4-Chlorophenyl phenyl ether	3680		440	51
100-01-6	4-Nitroaniline	3520		890	140
534-52-1	4,6-Dinitro-2-methylphenol	2500		1300	120
101-55-3	4-Bromophenyl phenyl ether	3960		440	43
1912-24-9	Atrazine	2810		440	68
120-12-7	Anthracene	3710		440	53
86-74-8	Carbazole	3810		440	52
85-01-8	Phenanthrene	4020		440	56
87-86-5	Pentachlorophenol	3000		1300	130
129-00-0	Pyrene	3930		440	37
218-01-9	Chrysene	4070		440	51
207-08-9	Benzo[k]fluoranthene	3430		44	3.3
191-24-2	Benzo[g,h,i]perylene	5880		440	32
205-99-2	Benzo[b]fluoranthene	3640		44	2.8
50-32-8	Benzo[a]pyrene	4100		44	3.1
56-55-3	Benzo[a]anthracene	3930		44	3.1
86-30-6	N-Nitrosodiphenylamine	4330		440	43
85-68-7	Butyl benzyl phthalate	4270		440	40
117-81-7	Bis(2-ethylhexyl) phthalate	4440		440	150
117-84-0	Di-n-octyl phthalate	3180		440	28
193-39-5	Indeno[1,2,3-cd]pyrene	5580		44	8.1
53-70-3	Dibenz(a,h)anthracene	5450		44	5.5
91-94-1	3,3'-Dichlorobenzidine	3240		890	150
95-94-3	1,2,4,5-Tetrachlorobenzene	2960		440	59
58-90-2	2,3,4,6-Tetrachlorophenol	2240		440	57

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-43010-F-2-C MS

Matrix: Solid | Lab File ID: x28903.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.02(g) | Date Analyzed: 08/03/2012 10:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	70		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	58		10-120
367-12-4	2-Fluorophenol	63		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MSD | Lab Sample ID: 460-42971-3 MSD

Matrix: Solid | Lab File ID: uu79145.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.02(g) | Date Analyzed: 08/06/2012 22:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	6940		460	62
95-57-8	2-Chlorophenol	6800		460	60
95-48-7	2-Methylphenol	6690		460	78
106-44-5	4-Methylphenol	6830		460	90
100-52-7	Benzaldehyde	4050		460	54
98-86-2	Acetophenone	3750		460	70
111-44-4	Bis(2-chloroethyl)ether	3690		46	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	3510		460	51
621-64-7	N-Nitrosodi-n-propylamine	3850		46	7.7
98-95-3	Nitrobenzene	3900		46	6.5
67-72-1	Hexachloroethane	2780		46	5.1
78-59-1	Isophorone	3490		460	56
88-75-5	2-Nitrophenol	6070		460	51
105-67-9	2,4-Dimethylphenol	7150		460	110
120-83-2	2,4-Dichlorophenol	6670		460	67
111-91-1	Bis(2-chloroethoxy)methane	3860		460	59
91-20-3	Naphthalene	3950		460	53
106-47-8	4-Chloroaniline	1180		460	120
87-68-3	Hexachlorobutadiene	3910		93	11
105-60-2	Caprolactam	122	J	460	110
59-50-7	4-Chloro-3-methylphenol	6390		460	69
91-57-6	2-Methylnaphthalene	3640		460	59
118-74-1	Hexachlorobenzene	4210		46	6.3
77-47-4	Hexachlorocyclopentadiene	92.3	J	460	54
88-06-2	2,4,6-Trichlorophenol	7620		460	54
95-95-4	2,4,5-Trichlorophenol	7620		460	59
92-52-4	Diphenyl	4710		460	61
91-58-7	2-Chloronaphthalene	4320		460	51
88-74-4	2-Nitroaniline	3990		930	190
606-20-2	2,6-Dinitrotoluene	4130		93	14
131-11-3	Dimethyl phthalate	4510		460	54
208-96-8	Acenaphthylene	4500		460	54
99-09-2	3-Nitroaniline	2350		930	160
83-32-9	Acenaphthene	4860		460	67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MSD | Lab Sample ID: 460-42971-3 MSD

Matrix: Solid | Lab File ID: uu79145.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.02(g) | Date Analyzed: 08/06/2012 22:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7410		1400	300
51-28-5	2,4-Dinitrophenol	260	U	1400	260
132-64-9	Dibenzofuran	4460		460	54
84-66-2	Diethyl phthalate	4370		460	55
86-73-7	Fluorene	4280		460	59
206-44-0	Fluoranthene	12900		460	61
84-74-2	Di-n-butyl phthalate	4290		460	57
121-14-2	2,4-Dinitrotoluene	3690		93	15
7005-72-3	4-Chlorophenyl phenyl ether	4100		460	54
100-01-6	4-Nitroaniline	1820		930	140
534-52-1	4,6-Dinitro-2-methylphenol	452	J	1400	130
101-55-3	4-Bromophenyl phenyl ether	4390		460	46
1912-24-9	Atrazine	2350		460	71
120-12-7	Anthracene	5540		460	56
86-74-8	Carbazole	4130		460	54
85-01-8	Phenanthrene	10400		460	58
87-86-5	Pentachlorophenol	5380		1400	140
129-00-0	Pyrene	10700		460	38
218-01-9	Chrysene	10500		460	54
207-08-9	Benzo[k]fluoranthene	15600		46	3.5
191-24-2	Benzo[g,h,i]perylene	3470		460	34
205-99-2	Benzo[b]fluoranthene	34.4	J	46	2.9
50-32-8	Benzo[a]pyrene	11700		46	3.2
56-55-3	Benzo[a]anthracene	9860		46	3.2
86-30-6	N-Nitrosodiphenylamine	4330		460	45
85-68-7	Butyl benzyl phthalate	3850		460	42
117-81-7	Bis(2-ethylhexyl) phthalate	3590		460	150
117-84-0	Di-n-octyl phthalate	6890		460	29
193-39-5	Indeno[1,2,3-cd]pyrene	97.1		46	8.5
53-70-3	Dibenz(a,h)anthracene	114		46	5.8
91-94-1	3,3'-Dichlorobenzidine	160	U	930	160
95-94-3	1,2,4,5-Tetrachlorobenzene	4470		460	62
58-90-2	2,3,4,6-Tetrachlorophenol	3520		460	60

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MSD | Lab Sample ID: 460-42971-3 MSD

Matrix: Solid | Lab File ID: uu79145.d

Analysis Method: 8270C | Date Collected: 07/31/2012 09:25

Extract. Method: 3541 | Date Extracted: 08/03/2012 08:49

Sample wt/vol: 15.02(g) | Date Analyzed: 08/06/2012 22:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122921 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	63		41-118
1718-51-0	Terphenyl-d14	60		16-151
118-79-6	2,4,6-Tribromophenol	63		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-43010-F-2-D MSD

Matrix: Solid | Lab File ID: x28904.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 11:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	6180		440	59
95-57-8	2-Chlorophenol	6000		440	58
95-48-7	2-Methylphenol	6590		440	75
106-44-5	4-Methylphenol	6730		440	86
100-52-7	Benzaldehyde	2530		440	52
98-86-2	Acetophenone	3170		440	67
111-44-4	Bis(2-chloroethyl)ether	3270		44	6.0
108-60-1	2,2'-oxybis[1-chloropropane]	2910		440	49
621-64-7	N-Nitrosodi-n-propylamine	3810		44	7.3
98-95-3	Nitrobenzene	2970		44	6.2
67-72-1	Hexachloroethane	2040		44	4.9
78-59-1	Isophorone	3420		440	53
88-75-5	2-Nitrophenol	5170		440	49
105-67-9	2,4-Dimethylphenol	6800		440	110
120-83-2	2,4-Dichlorophenol	6300		440	64
111-91-1	Bis(2-chloroethoxy)methane	3440		440	57
91-20-3	Naphthalene	2860		440	51
106-47-8	4-Chloroaniline	2350		440	120
87-68-3	Hexachlorobutadiene	2490		89	11
105-60-2	Caprolactam	3540		440	100
59-50-7	4-Chloro-3-methylphenol	6940		440	66
91-57-6	2-Methylnaphthalene	3040		440	56
118-74-1	Hexachlorobenzene	4180		44	6.0
77-47-4	Hexachlorocyclopentadiene	1100		440	52
88-06-2	2,4,6-Trichlorophenol	6310		440	51
95-95-4	2,4,5-Trichlorophenol	6300		440	57
92-52-4	Diphenyl	3680		440	59
91-58-7	2-Chloronaphthalene	3400		440	49
88-74-4	2-Nitroaniline	3810		890	180
606-20-2	2,6-Dinitrotoluene	3900		89	13
131-11-3	Dimethyl phthalate	4260		440	52
208-96-8	Acenaphthylene	3530		440	52
99-09-2	3-Nitroaniline	3330		890	160
83-32-9	Acenaphthene	3770		440	64

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-43010-F-2-D MSD

Matrix: Solid | Lab File ID: x28904.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 11:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7240		1300	280
51-28-5	2,4-Dinitrophenol	1360		1300	250
132-64-9	Dibenzofuran	3610		440	51
84-66-2	Diethyl phthalate	4300		440	52
86-73-7	Fluorene	3770		440	56
206-44-0	Fluoranthene	4230		440	58
84-74-2	Di-n-butyl phthalate	4680		440	54
121-14-2	2,4-Dinitrotoluene	4000		89	14
7005-72-3	4-Chlorophenyl phenyl ether	3770		440	51
100-01-6	4-Nitroaniline	3200		890	140
534-52-1	4,6-Dinitro-2-methylphenol	2730		1300	120
101-55-3	4-Bromophenyl phenyl ether	4190		440	44
1912-24-9	Atrazine	2980		440	68
120-12-7	Anthracene	3980		440	53
86-74-8	Carbazole	3950		440	52
85-01-8	Phenanthrene	4310		440	56
87-86-5	Pentachlorophenol	3070		1300	130
129-00-0	Pyrene	4010		440	37
218-01-9	Chrysene	4210		440	51
207-08-9	Benzo[k]fluoranthene	3570		44	3.3
191-24-2	Benzo[g,h,i]perylene	6040		440	32
205-99-2	Benzo[b]fluoranthene	3700		44	2.8
50-32-8	Benzo[a]pyrene	4070		44	3.1
56-55-3	Benzo[a]anthracene	4060		44	3.1
86-30-6	N-Nitrosodiphenylamine	4550		440	43
85-68-7	Butyl benzyl phthalate	4390		440	40
117-81-7	Bis(2-ethylhexyl) phthalate	4470		440	150
117-84-0	Di-n-octyl phthalate	3170		440	28
193-39-5	Indeno[1,2,3-cd]pyrene	5460		44	8.2
53-70-3	Dibenz(a,h)anthracene	5600		44	5.5
91-94-1	3,3'-Dichlorobenzidine	3520		890	150
95-94-3	1,2,4,5-Tetrachlorobenzene	3070		440	59
58-90-2	2,3,4,6-Tetrachlorophenol	2290		440	57

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-43010-F-2-D MSD

Matrix: Solid | Lab File ID: x28904.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 08/02/2012 12:50

Sample wt/vol: 15.00(g) | Date Analyzed: 08/03/2012 11:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 122476 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	65		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 07/31/2012 08:35

Analysis Batch Number: 121984 End Date: 07/31/2012 20:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-121984/1		07/31/2012 08:35	1	u78918.d	Rtx-5MS 0.25(mm)
ICIS 460-121984/2		07/31/2012 08:56	1	u78919.d	Rtx-5MS 0.25(mm)
IC 460-121984/3		07/31/2012 09:25	1	u78920.d	Rtx-5MS 0.25(mm)
IC 460-121984/4		07/31/2012 09:45	1	u78921.d	Rtx-5MS 0.25(mm)
IC 460-121984/5		07/31/2012 10:05	1	u78922.d	Rtx-5MS 0.25(mm)
IC 460-121984/6		07/31/2012 10:25	1	u78923.d	Rtx-5MS 0.25(mm)
IC 460-121984/7		07/31/2012 10:45	1	u78924.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 12:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 12:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 13:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 13:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 13:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 14:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 14:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 14:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 15:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 15:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 15:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 17:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 17:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 17:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 18:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 18:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 19:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 19:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/31/2012 20:00	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 08/06/2012 13:22

Analysis Batch Number: 122921 End Date: 08/06/2012 22:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-122921/1		08/06/2012 13:22	1	uu79109.d	Rtx-5MS 0.25(mm)
CCVIS 460-122921/2		08/06/2012 13:41	1	uu79120.d	Rtx-5MS 0.25(mm)
MB 460-122438/1-A		08/06/2012 14:25	1	uu79122.d	Rtx-5MS 0.25(mm)
LCS 460-122438/2-A		08/06/2012 14:46	1	uu79123.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 15:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 15:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 15:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 16:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 16:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 16:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 17:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 17:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 17:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 18:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 18:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 18:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 19:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 19:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 19:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 20:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 20:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 20:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/06/2012 21:08	1		Rtx-5MS 0.25(mm)
460-42971-3	20120731SB-397V0-2N	08/06/2012 21:28	1	uu79143.d	Rtx-5MS 0.25(mm)
460-42971-3 MS	20120731SB-397V0-2N MS	08/06/2012 21:48	1	uu79144.d	Rtx-5MS 0.25(mm)
460-42971-3 MSD	20120731SB-397V0-2N MSD	08/06/2012 22:08	1	uu79145.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 07/19/2012 01:46

Analysis Batch Number: 120552 End Date: 07/19/2012 12:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-120552/1		07/19/2012 01:46	1	x28353.d	Rtx-5MS 0.25(mm)
ICIS 460-120552/2		07/19/2012 02:12	1	x28354.d	Rtx-5MS 0.25(mm)
IC 460-120552/3		07/19/2012 02:39	1	x28355.d	Rtx-5MS 0.25(mm)
IC 460-120552/4		07/19/2012 03:28	1	x28357.d	Rtx-5MS 0.25(mm)
IC 460-120552/5		07/19/2012 03:52	1	x28358.d	Rtx-5MS 0.25(mm)
IC 460-120552/6		07/19/2012 04:17	1	x28359.d	Rtx-5MS 0.25(mm)
IC 460-120552/7		07/19/2012 05:37	1	x28360.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 06:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 07:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 07:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 08:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 08:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 08:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 09:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 09:39	2		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 10:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 10:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 10:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 11:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 11:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 12:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/19/2012 12:31	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 08/02/2012 00:59

Analysis Batch Number: 122318 End Date: 08/02/2012 10:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-122318/1		08/02/2012 00:59	1	x28834.d	Rtx-5MS 0.25(mm)
CCVIS 460-122318/2		08/02/2012 01:13	1	x28835.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 01:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 02:02	1		Rtx-5MS 0.25(mm)
LCS 460-122162/2-A		08/02/2012 02:53	1	x28839.d	Rtx-5MS 0.25(mm)
LCSD 460-122162/3-A		08/02/2012 03:18	1	x28840.d	Rtx-5MS 0.25(mm)
MB 460-122162/1-A		08/02/2012 03:42	1	x28841.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 04:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 04:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 04:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 05:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 05:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 06:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 06:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 06:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 07:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 07:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 08:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 08:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 09:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 09:50	2		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 10:15	2		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 10:53	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 08/02/2012 12:37

Analysis Batch Number: 122357 End Date: 08/02/2012 21:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-122357/1		08/02/2012 12:37	1	x28860.d	Rtx-5MS 0.25(mm)
CCVIS 460-122357/2		08/02/2012 12:51	1	x28861.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 13:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 13:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 14:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 14:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 15:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 15:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 15:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 16:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 16:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 17:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 17:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 18:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 18:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 18:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 19:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 19:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 20:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 20:29	1		Rtx-5MS 0.25(mm)
460-42971-15	20120731EB	08/02/2012 20:54	1	x28880.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 21:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/02/2012 21:43	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 08/03/2012 02:22

Analysis Batch Number: 122476 End Date: 08/03/2012 11:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-122476/1		08/03/2012 02:22	1	x28884.d	Rtx-5MS 0.25(mm)
CCVIS 460-122476/2		08/03/2012 02:46	1	x28885.d	Rtx-5MS 0.25(mm)
LCS 460-122303/2-A		08/03/2012 03:34	1	x28886.d	Rtx-5MS 0.25(mm)
MB 460-122303/1-A		08/03/2012 03:58	1	x28887.d	Rtx-5MS 0.25(mm)
460-42971-2	20120731SB-396V6-7N	08/03/2012 04:23	1	x28888.d	Rtx-5MS 0.25(mm)
460-42971-14	20120731SB-387V3-4N	08/03/2012 04:47	1	x28889.d	Rtx-5MS 0.25(mm)
460-42971-12	20120731SB-392V7-8N	08/03/2012 05:11	1	x28890.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/03/2012 05:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/03/2012 06:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/03/2012 06:25	1		Rtx-5MS 0.25(mm)
460-42971-13	20120731SB-387V0-2N	08/03/2012 06:50	1	x28894.d	Rtx-5MS 0.25(mm)
460-42971-9	20120731SB-393V0-2N	08/03/2012 07:14	1	x28895.d	Rtx-5MS 0.25(mm)
460-42971-11	20120731SB-392V0-2N	08/03/2012 07:39	1	x28896.d	Rtx-5MS 0.25(mm)
460-42971-1	20120731SB-396V0-2N	08/03/2012 08:03	1	x28897.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/03/2012 08:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/03/2012 10:14	1		Rtx-5MS 0.25(mm)
460-43010-F-2-C MS		08/03/2012 10:38	1	x28903.d	Rtx-5MS 0.25(mm)
460-43010-F-2-D MSD		08/03/2012 11:03	1	x28904.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/03/2012 11:28	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 08/07/2012 15:23

Analysis Batch Number: 123117 End Date: 08/08/2012 01:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-123117/1		08/07/2012 15:23	1	x29009.d	Rtx-5MS 0.25(mm)
CCVIS 460-123117/2		08/07/2012 15:38	1	x29010.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 16:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 16:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 17:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 17:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 17:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 18:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 18:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 18:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 19:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 19:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 19:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 20:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 20:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 21:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 21:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 22:39	5		Rtx-5MS 0.25(mm)
ZZZZZ		08/07/2012 23:01	1		Rtx-5MS 0.25(mm)
460-42971-8	20120731SB-394V7-8N	08/07/2012 23:23	1	x29030.d	Rtx-5MS 0.25(mm)
460-42971-7	20120731SB-394V0-2N	08/07/2012 23:45	1	x29031.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/08/2012 00:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/08/2012 00:29	1		Rtx-5MS 0.25(mm)
460-42971-6	20120731SB-397V5-6N	08/08/2012 00:51	5	x29034.d	Rtx-5MS 0.25(mm)
460-42971-16 DL	20120731FD DL	08/08/2012 01:14	20	x29035.d	Rtx-5MS 0.25(mm)
460-42971-10	20120731SB-393V7-8N	08/08/2012 01:36	2	x29036.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122162 Batch Start Date: 08/01/12 14:33 Batch Analyst: Rana, Kalpesh V

Batch Method: 3510C Batch End Date: 08/01/12 23:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00035
MB 460-122162/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-122162/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
LCSD 460-122162/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-42971-G-15	20120731EB	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00032					
MB 460-122162/1		3510C, 8270C		1 mL					
LCS 460-122162/2		3510C, 8270C		1 mL					
LCSD 460-122162/3		3510C, 8270C		1 mL					
460-42971-G-15	20120731EB	3510C, 8270C	T	1 mL					

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	K20042
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	OP267
Batch Comment	8270 Prep
Concentration End Time	23:00
Concentration Start Time	22:00
Person's name who did the concentration	KR
Final Concentrator Volume	2 mL
N-evap temperature	35 Celsius
Na2SO4 Lot Number	135309
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	L05S04
Prep Solvent Name	MECL2
Prep Solvent Volume Used	360 ml mL
Person's name who did the prep	KR
Person's name who witnessed reagent drop	Maria

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122162 Batch Start Date: 08/01/12 14:33 Batch Analyst: Rana, Kalpesh V

Batch Method: 3510C Batch End Date: 08/01/12 23:50

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122303 Batch Start Date: 08/02/12 12:50 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00008	OP8270sp 00027	
MB 460-122303/1		3541, 8270C		15.01 g	1 mL	97	500 uL		
LCS 460-122303/2		3541, 8270C		15.00 g	1 mL	98	500 uL	0.5 mL	
460-43010-F-2 MS		3541, 8270C	T	15.02 g	1 mL	99	500 uL	0.5 mL	
460-43010-F-2 MSD		3541, 8270C	T	15.00 g	1 mL	100	500 uL	0.5 mL	
460-42971-E-1	20120731SB-396V0-2N	3541, 8270C	T	15.00 g	1 mL	101	500 uL		
460-42971-E-2	20120731SB-396V6-7N	3541, 8270C	T	15.04 g	1 mL	102	500 uL		
460-42971-E-6	20120731SB-397V5-6N	3541, 8270C	T	15.02 g	1 mL	106	500 uL		
460-42971-E-7	20120731SB-394V0-2N	3541, 8270C	T	15.00 g	1 mL	107	500 uL		
460-42971-E-8	20120731SB-394V7-8N	3541, 8270C	T	15.00 g	1 mL	108	500 uL		
460-42971-E-9	20120731SB-393V0-2N	3541, 8270C	T	15.03 g	1 mL	115	500 uL		
460-42971-E-10	20120731SB-393V7-8N	3541, 8270C	T	15.02 g	1 mL	116	500 uL		
460-42971-E-11	20120731SB-392V0-2N	3541, 8270C	T	15.05 g	1 mL	117	500 uL		
460-42971-E-12	20120731SB-392V7-8N	3541, 8270C	T	15.02 g	1 mL	118	500 uL		
460-42971-E-13	20120731SB-387V0-2N	3541, 8270C	T	15.00 g	1 mL	119	500 uL		
460-42971-E-14	20120731SB-387V3-4N	3541, 8270C	T	15.02 g	1 mL	120	500 uL		
460-42971-E-16	20120731FD	3541, 8270C	T	14.98 g	1 mL	85	500 uL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122303 Batch Start Date: 08/02/12 12:50 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	135309
Person's name who did the concentration	CM
Vendor lot number	L10E08
Na2SO4 Lot Number	135309
Person's name who did the prep	CM
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	12:50pm

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122438 Batch Start Date: 08/03/12 08:49 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 08/03/12 16:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00008	OP8270sp 00027	
MB 460-122438/1		3541, 8270C		15.00 g	1 mL	73	500 uL		
LCS 460-122438/2		3541, 8270C		15.00 g	1 mL	74	500 uL	0.5 mL	
460-42971-E-3 MS	20120731SB-397V0 -2N	3541, 8270C	T	15.01 g	1 mL	75	500 uL	0.5 mL	
460-42971-E-3 MSD	20120731SB-397V0 -2N	3541, 8270C	T	15.02 g	1 mL	76	500 uL	0.5 mL	
460-42971-E-3	20120731SB-397V0 -2N	3541, 8270C	T	15.00 g	1 mL	77	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA soil
Person's name who did the concentration	hp
Vendor lot number	L10E08
Na2SO4 Lot Number	135309
Person's name who did the prep	hp
Solvent	Acetone/MeCL2 mix
First Start time	9.00am

Basis	Basis Description
T	Total/NA

Method 8081A

Organochlorine Pesticides (GC) by Method 8081A

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
20120731SB-396V0-2 N	460-42971-1	90	94	111	107
20120731SB-396V6-7 N	460-42971-2	94	98	106	97
20120731SB-397V0-2 N	460-42971-3	98	99	116	99
20120731SB-397V5-6 N	460-42971-6	75	101	99	98
20120731SB-394V0-2 N	460-42971-7	97	95	114	100
20120731SB-394V7-8 N	460-42971-8	93	97	105	99
20120731SB-393V0-2 N	460-42971-9	92	96	108	99
20120731SB-393V7-8 N	460-42971-10	85	85	98	98
20120731SB-392V0-2 N	460-42971-11	95	99	105	98
20120731SB-392V7-8 N	460-42971-12	102	105	110	103
20120731SB-387V0-2 N	460-42971-13	95	95	109	104
20120731SB-387V3-4 N	460-42971-14	98	100	107	101
20120731FD	460-42971-16	0 X D	0 X D	0 X D	0 X D
	MB 460-122228/1-A	126	128	135	126
	LCS 460-122228/2-A	121	121	128	116
20120731SB-397V0-2 N MS	460-42971-3 MS	102	101	106	97
20120731SB-397V0-2 N MSD	460-42971-3 MSD	104	102	107	98

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Column to be used to flag recovery values

FORM II 8081A

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
20120731EB	460-42971-15	134 X	127	99	85
	MB 460-122268/1-A	123	115	114	103
	LCS 460-122268/2-A	138 X	113	109	84
	LCSD 460-122268/3-A	128	105	94	83

	QC LIMITS
TCX = Tetrachloro-m-xylene	49-132
DCB = DCB Decachlorobiphenyl	37-144

Column to be used to flag recovery values

FORM II 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WF705149.D

Lab ID: LCS 460-122228/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	143	108	58-143	
alpha-BHC	133	142	106	58-138	
beta-BHC	133	140	105	60-139	
delta-BHC	133	134	100	60-141	
gamma-BHC (Lindane)	133	139	104	58-136	
4,4'-DDD	133	145	109	63-150	
4,4'-DDE	133	142	106	58-150	
4,4'-DDT	133	139	104	57-150	
Dieldrin	133	130	97	55-128	
Endosulfan I	133	138	103	60-138	
Endosulfan II	133	132	99	59-133	
Endosulfan sulfate	133	125	93	56-133	
Endrin	133	145	109	61-150	
Endrin aldehyde	133	124	93	55-122	
Endrin ketone	133	157	118	62-139	
Heptachlor	133	147	110	58-137	
Heptachlor epoxide	133	136	102	59-136	
Methoxychlor	133	155	116	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WR705149.D

Lab ID: LCS 460-122228/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	142	107	58-143	
alpha-BHC	133	135	101	58-138	
beta-BHC	133	145	108	60-139	
delta-BHC	133	129	97	60-141	
gamma-BHC (Lindane)	133	138	103	58-136	
4,4'-DDD	133	146	109	63-150	
4,4'-DDE	133	147	110	58-150	
4,4'-DDT	133	147	110	57-150	
Dieldrin	133	128	96	55-128	
Endosulfan I	133	143	107	60-138	
Endosulfan II	133	127	95	59-133	
Endosulfan sulfate	133	55.6	42	56-133	*
Endrin	133	150	112	61-150	
Endrin aldehyde	133	132	99	55-122	
Endrin ketone	133	131	98	62-139	
Heptachlor	133	147	110	58-137	
Heptachlor epoxide	133	140	105	59-136	
Methoxychlor	133	150	113	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: xf137541.d

Lab ID: LCS 460-122268/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	2.00	2.14	107	61-122	
alpha-BHC	2.00	2.28	114	63-122	
beta-BHC	2.00	2.17	109	64-119	
delta-BHC	2.00	2.35	118	62-124	
gamma-BHC (Lindane)	2.00	2.25	113	59-121	
4,4'-DDD	2.00	2.29	114	68-136	
4,4'-DDE	2.00	2.18	109	66-132	
4,4'-DDT	2.00	2.18	109	66-132	
Dieldrin	2.00	2.05	103	62-112	
Endosulfan I	2.00	2.26	113	64-123	
Endosulfan II	2.00	2.18	109	63-116	
Endosulfan sulfate	2.00	2.19	110	56-121	
Endrin	2.00	2.24	112	42-138	
Endrin aldehyde	2.00	2.05	103	56-119	
Endrin ketone	2.00	3.54	177	62-125	E *
Heptachlor	2.00	2.22	111	61-118	
Heptachlor epoxide	2.00	2.26	113	64-120	
Methoxychlor	2.00	2.29	115	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: xr137541.d

Lab ID: LCS 460-122268/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	2.00	2.00	100	61-122	
alpha-BHC	2.00	2.29	114	63-122	
beta-BHC	2.00	2.27	113	64-119	
delta-BHC	2.00	2.12	106	62-124	
gamma-BHC (Lindane)	2.00	2.13	106	59-121	
4,4'-DDD	2.00	2.46	123	68-136	
4,4'-DDE	2.00	2.10	105	66-132	
4,4'-DDT	2.00	2.21	111	66-132	
Dieldrin	2.00	2.17	108	62-112	
Endosulfan I	2.00	2.40	120	64-123	
Endosulfan II	2.00	2.33	116	63-116	
Endosulfan sulfate	2.00	2.17	109	56-121	
Endrin	2.00	2.31	116	42-138	
Endrin aldehyde	2.00	2.17	108	56-119	
Endrin ketone	2.00	2.44	122	62-125	
Heptachlor	2.00	1.98	99	61-118	
Heptachlor epoxide	2.00	2.24	112	64-120	
Methoxychlor	2.00	2.02	101	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: xf137542.d

Lab ID: LCSD 460-122268/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	2.00	2.10	105	2	30	61-122	
alpha-BHC	2.00	2.15	108	6	30	63-122	
beta-BHC	2.00	2.13	107	2	30	64-119	
delta-BHC	2.00	2.31	115	2	30	62-124	
gamma-BHC (Lindane)	2.00	2.18	109	3	30	59-121	
4,4'-DDD	2.00	2.24	112	2	30	68-136	
4,4'-DDE	2.00	2.14	107	2	30	66-132	
4,4'-DDT	2.00	2.13	107	2	30	66-132	
Dieldrin	2.00	2.02	101	2	30	62-112	
Endosulfan I	2.00	2.21	110	2	30	64-123	
Endosulfan II	2.00	2.11	106	3	30	63-116	
Endosulfan sulfate	2.00	2.15	107	1	30	56-121	
Endrin	2.00	2.23	111	1	30	42-138	
Endrin aldehyde	2.00	2.02	101	1	30	56-119	
Endrin ketone	2.00	2.30	115	6	30	62-125	
Heptachlor	2.00	2.17	108	3	30	61-118	
Heptachlor epoxide	2.00	2.21	111	1	30	64-120	
Methoxychlor	2.00	2.22	111	9	30	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: xr137542.d

Lab ID: LCSD 460-122268/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	2.00	2.08	104	4	30	61-122	
alpha-BHC	2.00	2.22	111	3	30	63-122	
beta-BHC	2.00	2.25	113	1	30	64-119	
delta-BHC	2.00	2.09	104	2	30	62-124	
gamma-BHC (Lindane)	2.00	2.12	106	0	30	59-121	
4,4'-DDD	2.00	2.45	122	1	30	68-136	
4,4'-DDE	2.00	2.21	110	1	30	66-132	
4,4'-DDT	2.00	2.29	114	3	30	66-132	
Dieldrin	2.00	2.15	108	1	30	62-112	
Endosulfan I	2.00	2.32	116	3	30	64-123	
Endosulfan II	2.00	2.21	111	5	30	63-116	
Endosulfan sulfate	2.00	2.21	111	1	30	56-121	
Endrin	2.00	2.30	115	0	30	42-138	
Endrin aldehyde	2.00	2.21	110	2	30	56-119	
Endrin ketone	2.00	2.33	116	41	30	62-125	*
Heptachlor	2.00	2.02	101	2	30	61-118	
Heptachlor epoxide	2.00	2.22	111	2	30	64-120	
Methoxychlor	2.00	2.32	116	1	30	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WF705150.D

Lab ID: 460-42971-3 MS Client ID: 20120731SB-397V0-2N MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	185	2.0 U	161	87	58-143	
alpha-BHC	185	1.7 U	163	88	58-138	
beta-BHC	185	1.3 U	160	87	60-139	
delta-BHC	185	1.4 U	153	83	60-141	
gamma-BHC (Lindane)	185	1.1 U	159	86	58-136	
4,4'-DDD	185	1.1 U	167	91	63-150	
4,4'-DDE	185	1.8 U	164	89	58-150	
4,4'-DDT	185	1.2 U	166	90	57-150	
Dieldrin	185	1.8 U	145	79	55-128	
Endosulfan I	185	2.0 U	159	86	60-138	
Endosulfan II	185	3.9 J	153	80	59-133	
Endosulfan sulfate	185	1.2 U	146	79	56-133	
Endrin	185	1.3 U	166	90	61-150	
Endrin aldehyde	185	2.3 U	153	83	55-122	
Endrin ketone	185	150	163	5	62-139	F
Heptachlor	185	1.3 U	168	91	58-137	
Heptachlor epoxide	185	1.9 U	157	85	59-136	
Methoxychlor	185	1.0 U	181	98	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WR705150.D

Lab ID: 460-42971-3 MS Client ID: 20120731SB-397V0-2N MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	185	2.0 U	162	88	58-143	
alpha-BHC	185	1.7 U	156	84	58-138	
beta-BHC	185	1.3 U	155	84	60-139	
delta-BHC	185	1.4 U	151	82	60-141	
gamma-BHC (Lindane)	185	1.1 U	159	86	58-136	
4,4'-DDD	185	1.1 U	166	90	63-150	
4,4'-DDE	185	1.8 U	169	92	58-150	
4,4'-DDT	185	1.2 U	174	94	57-150	
Dieldrin	185	1.8 U	147	79	55-128	
Endosulfan I	185	2.0 U	162	88	60-138	
Endosulfan II	185	6.0 J	148	77	59-133	
Endosulfan sulfate	185	1.2 U	146	79	56-133	
Endrin	185	1.3 U	168	91	61-150	
Endrin aldehyde	185	2.3 U	159	86	55-122	
Endrin ketone	185	120	153	19	62-139	F
Heptachlor	185	1.3 U	168	91	58-137	
Heptachlor epoxide	185	1.9 U	162	88	59-136	
Methoxychlor	185	1.0 U	173	94	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WF705151.D

Lab ID: 460-42971-3 MSD Client ID: 20120731SB-397V0-2N MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	185	176	95	9	30	58-143	
alpha-BHC	185	177	96	8	30	58-138	
beta-BHC	185	174	94	8	30	60-139	
delta-BHC	185	167	90	9	30	60-141	
gamma-BHC (Lindane)	185	173	94	9	30	58-136	
4,4'-DDD	185	183	99	9	30	63-150	
4,4'-DDE	185	179	97	9	30	58-150	
4,4'-DDT	185	182	99	10	30	57-150	
Dieldrin	185	159	86	9	30	55-128	
Endosulfan I	185	174	94	9	30	60-138	
Endosulfan II	185	167	88	9	30	59-133	
Endosulfan sulfate	185	160	87	9	30	56-133	
Endrin	185	181	98	9	30	61-150	
Endrin aldehyde	185	167	91	9	30	55-122	
Endrin ketone	185	180	14	10	30	62-139	F
Heptachlor	185	182	98	8	30	58-137	
Heptachlor epoxide	185	172	93	9	30	59-136	
Methoxychlor	185	199	108	9	30	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WR705151.D

Lab ID: 460-42971-3 MSD Client ID: 20120731SB-397V0-2N MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	185	177	96	9	30	58-143	
alpha-BHC	185	171	92	9	30	58-138	
beta-BHC	185	169	92	9	30	60-139	
delta-BHC	185	165	89	9	30	60-141	
gamma-BHC (Lindane)	185	174	94	9	30	58-136	
4,4'-DDD	185	179	97	8	30	63-150	
4,4'-DDE	185	184	100	8	30	58-150	
4,4'-DDT	185	190	103	9	30	57-150	
Dieldrin	185	160	87	9	30	55-128	
Endosulfan I	185	178	96	9	30	60-138	
Endosulfan II	185	160	84	8	30	59-133	
Endosulfan sulfate	185	160	86	9	30	56-133	
Endrin	185	185	100	10	30	61-150	
Endrin aldehyde	185	173	93	8	30	55-122	
Endrin ketone	185	167	26	8	30	62-139	F
Heptachlor	185	183	99	9	30	58-137	
Heptachlor epoxide	185	177	96	9	30	59-136	
Methoxychlor	185	188	102	8	30	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: MB 460-122228/1-A

Matrix: Solid Date Extracted: 08/02/2012 07:13

Lab File ID:(1) WR705171.D Lab File ID:(2) WF705171.D

Date Analyzed:(1) 08/06/2012 18:06 Date Analyzed:(2) 08/06/2012 18:06

Instrument ID:(1) PESTGC4 Instrument ID:(2) PESTGC4

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-122228/2-A	08/06/2012 12:58	08/06/2012 12:58
20120731SB-397V0-2N MS	460-42971-3 MS	08/06/2012 13:12	08/06/2012 13:12
20120731SB-397V0-2N MSD	460-42971-3 MSD	08/06/2012 13:26	08/06/2012 13:26
20120731SB-396V0-2N	460-42971-1	08/06/2012 14:35	08/06/2012 14:35
20120731SB-396V6-7N	460-42971-2	08/06/2012 14:49	08/06/2012 14:49
20120731SB-397V0-2N	460-42971-3	08/06/2012 15:03	08/06/2012 15:03
20120731SB-397V5-6N	460-42971-6	08/06/2012 15:47	08/06/2012 15:47
20120731SB-394V0-2N	460-42971-7	08/06/2012 16:01	08/06/2012 16:01
20120731SB-394V7-8N	460-42971-8	08/06/2012 16:15	08/06/2012 16:15
20120731SB-393V0-2N	460-42971-9	08/06/2012 16:29	08/06/2012 16:29
20120731SB-393V7-8N	460-42971-10	08/06/2012 16:43	08/06/2012 16:43
20120731SB-392V0-2N	460-42971-11	08/06/2012 16:57	08/06/2012 16:57
20120731SB-392V7-8N	460-42971-12	08/06/2012 17:10	08/06/2012 17:10
20120731SB-387V0-2N	460-42971-13	08/06/2012 17:25	08/06/2012 17:25
20120731SB-387V3-4N	460-42971-14	08/06/2012 17:38	08/06/2012 17:38
20120731FD	460-42971-16	08/13/2012 09:55	08/13/2012 09:55

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: MB 460-122268/1-A

Matrix: Water Date Extracted: 08/02/2012 10:03

Lab File ID:(1) xr137552.d Lab File ID:(2) xf137552.d

Date Analyzed:(1) 08/13/2012 18:02 Date Analyzed:(2) 08/13/2012 18:02

Instrument ID:(1) PESTGC1 Instrument ID:(2) PESTGC1

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-122268/2-A	08/13/2012 15:29	08/13/2012 15:29
	LCSD 460-122268/3-A	08/13/2012 15:43	08/13/2012 15:43
20120731EB	460-42971-15	08/13/2012 15:58	08/13/2012 15:58

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVRT 460-123919/2 Date Analyzed: 08/13/2012 13:39

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): xf137533.d Heated Purge: (Y/N) N

Calibration ID: 16867

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.39	10.48	
UPPER LIMIT				2.44	10.58	
LOWER LIMIT				2.34	10.38	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-123919/2		08/13/2012 13:39	xf137533.d	2.39	10.48	
LCS 460-122268/2-A		08/13/2012 15:29	xf137541.d	2.38	10.48	
LCSD 460-122268/3-A		08/13/2012 15:43	xf137542.d	2.38	10.48	
460-42971-15	20120731EB	08/13/2012 15:58	xf137543.d	2.39	10.49	
MB 460-122268/1-A		08/13/2012 18:02	xf137552.d	2.38	10.48	
CCV 460-123919/24		08/13/2012 18:43	xf137555.d	2.39	10.48	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVRT 460-123919/2 Date Analyzed: 08/13/2012 13:39

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): xr137533.d Heated Purge: (Y/N) N

Calibration ID: 16866

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.93	9.42	
UPPER LIMIT				1.98	9.52	
LOWER LIMIT				1.88	9.32	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-123919/2		08/13/2012 13:39	xr137533.d	1.93	9.42	
LCS 460-122268/2-A		08/13/2012 15:29	xr137541.d	1.93	9.42	
LCSD 460-122268/3-A		08/13/2012 15:43	xr137542.d	1.93	9.42	
460-42971-15	20120731EB	08/13/2012 15:58	xr137543.d	1.93	9.43	
MB 460-122268/1-A		08/13/2012 18:02	xr137552.d	1.93	9.42	
CCV 460-123919/24		08/13/2012 18:43	xr137555.d	1.93	9.43	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVRT 460-123769/4 Date Analyzed: 08/13/2012 07:03

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): WF705424.D Heated Purge: (Y/N) N

Calibration ID: 16631

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.38	9.94	
UPPER LIMIT				2.43	10.04	
LOWER LIMIT				2.33	9.84	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-123769/4		08/13/2012 07:03	WF705424.D	2.38	9.94	
460-42971-16	20120731FD	08/13/2012 09:55	WF705436.D	0.00	0.00	
CCV 460-123769/26		08/13/2012 12:19	WF705446.D	2.38	9.94	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Sample No.: CCVRT 460-123769/4 Date Analyzed: 08/13/2012 07:03

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): WR705424.D Heated Purge: (Y/N) N

Calibration ID: 16632

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.90	8.95	
UPPER LIMIT				1.95	9.05	
LOWER LIMIT				1.85	8.85	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-123769/4		08/13/2012 07:03	WR705424.D	1.90	8.95	
460-42971-16	20120731FD	08/13/2012 09:55	WR705436.D	0.00	0.00	
CCV 460-123769/26		08/13/2012 12:19	WR705446.D	1.90	8.95	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V0-2N Lab Sample ID: 460-42971-1

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 14:35 Date Analyzed (2): 08/06/2012 14:35

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.47	2.40	2.50	3.9		50.5
	2		3.51	3.44	3.54	2.3		
Heptachlor	1		3.77	3.75	3.85	8.3		15.8
	2		5.14	5.05	5.15	9.7		
Heptachlor epoxide	1		5.45	5.39	5.53	6.4		56.5
	2		6.67	6.57	6.71	3.6		
4,4'-DDE	1		6.09	6.02	6.16	37		9.2
	2		7.15	7.08	7.22	34		
4,4'-DDD	1		6.79	6.72	6.86	6.9		38.0
	2		7.79	7.73	7.87	10		
4,4'-DDT	1		7.07	7.00	7.14	47		7.2
	2		8.16	8.09	8.23	44		
Endrin aldehyde	1		7.42	7.32	7.46	3.3		26.6
	2		8.29	8.24	8.38	4.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N Lab Sample ID: 460-42971-3

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 15:03 Date Analyzed (2): 08/06/2012 15:03

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Endosulfan II	1		6.94	6.88	7.02	6.0		41.9
	2		7.88	7.88	8.02	3.9		
Endrin ketone	1		8.07	8.10	8.24	120		26.7
	2		8.94	8.87	9.01	150		

FORM X 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MS Lab Sample ID: 460-42971-3 MS

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 13:12 Date Analyzed (2): 08/06/2012 13:12

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.46	2.40	2.50	156		4.2
	2		3.49	3.44	3.54	163		
gamma-BHC (Lindane)	1		2.94	2.88	2.98	159		0.2
	2		4.21	4.16	4.26	159		
beta-BHC	1		3.10	3.05	3.15	155		3.4
	2		4.36	4.31	4.41	160		
delta-BHC	1		3.41	3.36	3.46	151		1.4
	2		4.95	4.90	5.00	153		
Heptachlor	1		3.80	3.75	3.85	168		0.4
	2		5.10	5.05	5.15	168		
Aldrin	1		4.34	4.29	4.39	162		0.7
	2		5.79	5.74	5.84	161		
Heptachlor epoxide	1		5.46	5.39	5.53	162		3.2
	2		6.64	6.57	6.71	157		
4,4'-DDE	1		6.09	6.02	6.16	169		3.2
	2		7.15	7.08	7.22	164		
Endosulfan I	1		6.18	6.11	6.25	162		2.0
	2		7.06	6.99	7.13	159		
Dieldrin	1		6.48	6.41	6.55	147		1.0
	2		7.36	7.29	7.43	145		
Endrin	1		6.73	6.66	6.80	168		1.2
	2		7.71	7.64	7.78	166		
4,4'-DDD	1		6.79	6.72	6.86	166		0.8
	2		7.80	7.73	7.87	167		
Endosulfan II	1		6.95	6.88	7.02	148		3.3
	2		7.95	7.88	8.02	153		
4,4'-DDT	1		7.07	7.00	7.14	174		4.9
	2		8.16	8.09	8.23	166		
Endrin aldehyde	1		7.39	7.32	7.46	159		3.9
	2		8.31	8.24	8.38	153		
Methoxychlor	1		7.58	7.51	7.65	173		4.6
	2		8.73	8.66	8.80	181		
Endosulfan sulfate	1		7.86	7.79	7.93	146		0.1
	2		8.55	8.48	8.62	146		
Endrin ketone	1		8.17	8.10	8.24	153		5.8
	2		8.94	8.87	9.01	163		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MSD Lab Sample ID: 460-42971-3 MSD

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 13:26 Date Analyzed (2): 08/06/2012 13:26

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.45	2.40	2.50	171		3.6
	2		3.49	3.44	3.54	177		
gamma-BHC (Lindane)	1		2.93	2.88	2.98	174		0.6
	2		4.21	4.16	4.26	173		
beta-BHC	1		3.10	3.05	3.15	169		2.9
	2		4.36	4.31	4.41	174		
delta-BHC	1		3.41	3.36	3.46	165		1.1
	2		4.95	4.90	5.00	167		
Heptachlor	1		3.80	3.75	3.85	183		1.0
	2		5.10	5.05	5.15	182		
Aldrin	1		4.34	4.29	4.39	177		0.6
	2		5.79	5.74	5.84	176		
Heptachlor epoxide	1		5.46	5.39	5.53	177		3.0
	2		6.64	6.57	6.71	172		
4,4'-DDE	1		6.09	6.02	6.16	184		2.6
	2		7.15	7.08	7.22	179		
Endosulfan I	1		6.18	6.11	6.25	178		1.9
	2		7.06	6.99	7.13	174		
Dieldrin	1		6.48	6.41	6.55	160		0.7
	2		7.36	7.29	7.43	159		
Endrin	1		6.73	6.66	6.80	185		2.1
	2		7.71	7.64	7.78	181		
4,4'-DDD	1		6.79	6.72	6.86	179		2.3
	2		7.80	7.73	7.87	183		
Endosulfan II	1		6.95	6.88	7.02	160		4.0
	2		7.95	7.88	8.02	167		
4,4'-DDT	1		7.07	7.00	7.14	190		4.3
	2		8.16	8.09	8.23	182		
Endrin aldehyde	1		7.39	7.32	7.46	173		3.2
	2		8.31	8.24	8.38	167		
Methoxychlor	1		7.58	7.51	7.65	188		5.4
	2		8.73	8.66	8.80	199		
Endosulfan sulfate	1		7.86	7.79	7.93	160		0.4
	2		8.55	8.48	8.62	160		
Endrin ketone	1		8.17	8.10	8.24	167		7.6
	2		8.94	8.87	9.01	180		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V5-6N Lab Sample ID: 460-42971-6

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 15:47 Date Analyzed (2): 08/06/2012 15:47

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.09	6.02	6.16	670		0.8
	2		7.15	7.08	7.22	680		
Dieldrin	1		6.48	6.41	6.55	7.6		74.9
	2		7.38	7.29	7.43	3.5		
Endrin	1		6.69	6.66	6.80	7.1		49.2
	2		7.75	7.64	7.78	12		
Endosulfan II	1		6.89	6.88	7.02	6.7		67.0
	2		7.93	7.88	8.02	14		
Endrin ketone	1		8.16	8.10	8.24	5.4		69.4
	2		8.97	8.87	9.01	11		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V0-2N Lab Sample ID: 460-42971-7

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 16:01 Date Analyzed (2): 08/06/2012 16:01

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.09	6.02	6.16	6.6		5.3
	2		7.15	7.08	7.22	6.2		

FORM X 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V7-8N Lab Sample ID: 460-42971-8

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 16:15 Date Analyzed (2): 08/06/2012 16:15

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.09	6.02	6.16	2.2		20.8
	2		7.15	7.08	7.22	1.8		
4,4'-DDD	1		6.79	6.72	6.86	7.1		28.8
	2		7.80	7.73	7.87	5.3		
Endrin ketone	1		8.15	8.10	8.24	8.9		25.8
	2		8.93	8.87	9.01	6.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V0-2N Lab Sample ID: 460-42971-9

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 16:29 Date Analyzed (2): 08/06/2012 16:29

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.09	6.02	6.16	38		7.3
	2		7.15	7.08	7.22	35		
4,4'-DDD	1		6.79	6.72	6.86	2.8		85.1
	2		7.79	7.73	7.87	6.8		
4,4'-DDT	1		7.07	7.00	7.14	26		11.6
	2		8.16	8.09	8.23	23		
Endrin aldehyde	1		7.42	7.32	7.46	2.5		7.4
	2		8.26	8.24	8.38	2.7		
Endrin ketone	1		8.15	8.10	8.24	12		85.2
	2		8.93	8.87	9.01	4.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V0-2N Lab Sample ID: 460-42971-11

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 16:57 Date Analyzed (2): 08/06/2012 16:57

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.09	6.02	6.16	20		12.7
	2		7.15	7.08	7.22	17		
4,4'-DDT	1		7.07	7.00	7.14	11		20.8
	2		8.16	8.09	8.23	8.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V0-2N Lab Sample ID: 460-42971-13

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 17:25 Date Analyzed (2): 08/06/2012 17:25

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDD	1		6.79	6.72	6.86	4.0		4.6
	2		7.80	7.73	7.87	3.9		

FORM X 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V3-4N Lab Sample ID: 460-42971-14

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 17:38 Date Analyzed (2): 08/06/2012 17:38

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.09	6.02	6.16	10		10.2
	2		7.15	7.08	7.22	9.3		
4,4'-DDD	1		6.79	6.72	6.86	140		0.1
	2		7.80	7.73	7.87	140		
4,4'-DDT	1		7.08	7.00	7.14	9.5		2.9
	2		8.16	8.09	8.23	9.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731FD Lab Sample ID: 460-42971-16

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/13/2012 09:55 Date Analyzed (2): 08/13/2012 09:55

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor epoxide	1		5.44	5.39	5.53	460		132.6
	2		6.59	6.57	6.71	93		
4,4'-DDE	1		6.09	6.02	6.16	2800		6.3
	2		7.15	7.08	7.22	2600		
4,4'-DDT	1		7.06	7.00	7.14	160		82.7
	2		8.16	8.09	8.23	65		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-122228/2-A

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 08/06/2012 12:58 Date Analyzed (2): 08/06/2012 12:58

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.45	2.40	2.50	135		4.6
	2		3.49	3.44	3.54	142		
gamma-BHC (Lindane)	1		2.93	2.88	2.98	138		0.5
	2		4.21	4.16	4.26	139		
beta-BHC	1		3.10	3.05	3.15	145		3.3
	2		4.36	4.31	4.41	140		
delta-BHC	1		3.41	3.36	3.46	129		3.3
	2		4.95	4.90	5.00	134		
Heptachlor	1		3.80	3.75	3.85	147		0.5
	2		5.10	5.05	5.15	147		
Aldrin	1		4.34	4.29	4.39	142		0.7
	2		5.79	5.74	5.84	143		
Heptachlor epoxide	1		5.46	5.39	5.53	140		2.9
	2		6.64	6.57	6.71	136		
4,4'-DDE	1		6.09	6.02	6.16	147		3.2
	2		7.15	7.08	7.22	142		
Endosulfan I	1		6.18	6.11	6.25	143		3.7
	2		7.07	6.99	7.13	138		
Dieldrin	1		6.48	6.41	6.55	128		1.3
	2		7.36	7.29	7.43	130		
Endrin	1		6.73	6.66	6.80	150		3.0
	2		7.71	7.64	7.78	145		
4,4'-DDD	1		6.79	6.72	6.86	146		0.4
	2		7.80	7.73	7.87	145		
Endosulfan II	1		6.95	6.88	7.02	127		4.0
	2		7.95	7.88	8.02	132		
4,4'-DDT	1		7.07	7.00	7.14	147		5.7
	2		8.16	8.09	8.23	139		
Endrin aldehyde	1		7.39	7.32	7.46	132		6.0
	2		8.31	8.24	8.38	124		
Methoxychlor	1		7.58	7.51	7.65	150		3.0
	2		8.73	8.66	8.80	155		
Endosulfan sulfate	1		7.86	7.79	7.93	55.6		76.6
	2		8.55	8.48	8.62	125		
Endrin ketone	1		8.17	8.10	8.24	131		18.0
	2		8.94	8.87	9.01	157		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-122268/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 08/13/2012 15:29 Date Analyzed (2): 08/13/2012 15:29

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.33	2.28	2.38	2.29		0.3
	2		2.91	2.86	2.96	2.28		
gamma-BHC (Lindane)	1		2.55	2.50	2.60	2.13		5.9
	2		3.29	3.25	3.35	2.25		
beta-BHC	1		2.61	2.56	2.66	2.27		4.4
	2		3.39	3.34	3.44	2.17		
delta-BHC	1		2.75	2.70	2.80	2.12		10.4
	2		3.91	3.87	3.97	2.35		
Heptachlor	1		2.92	2.87	2.97	1.98		11.7
	2		4.08	4.04	4.14	2.22		
Aldrin	1		3.19	3.15	3.25	2.00		6.5
	2		4.94	4.89	4.99	2.14		
Heptachlor epoxide	1		4.13	4.07	4.21	2.24		0.8
	2		6.47	6.40	6.54	2.26		
4,4'-DDE	1		4.96	4.89	5.03	2.10		3.8
	2		7.45	7.38	7.52	2.18		
Endosulfan I	1		5.08	5.01	5.15	2.40		6.1
	2		7.32	7.25	7.39	2.26		
Dieldrin	1		5.69	5.62	5.76	2.17		5.6
	2		7.69	7.62	7.76	2.05		
Endrin	1		6.28	6.21	6.35	2.31		3.0
	2		8.05	7.98	8.12	2.24		
4,4'-DDD	1		6.47	6.40	6.54	2.46		7.4
	2		8.14	8.07	8.21	2.29		
Endosulfan II	1		6.80	6.74	6.88	2.33		6.6
	2		8.29	8.22	8.36	2.18		
4,4'-DDT	1		7.09	7.02	7.16	2.21		1.4
	2		8.51	8.45	8.59	2.18		
Endrin aldehyde	1		7.52	7.45	7.59	2.17		5.6
	2		8.69	8.62	8.76	2.05		
Methoxychlor	1		7.75	7.68	7.82	2.02		12.7
	2		9.30	9.23	9.37	2.29		
Endosulfan sulfate	1		8.01	7.94	8.08	2.17		0.9
	2		9.02	8.96	9.10	2.19		
Endrin ketone	1		8.32	8.25	8.39	2.44		37.0
	2		9.56	9.49	9.63	3.54		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-122268/3-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 08/13/2012 15:43 Date Analyzed (2): 08/13/2012 15:43

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.33	2.28	2.38	2.22		3.1
	2		2.91	2.86	2.96	2.15		
gamma-BHC (Lindane)	1		2.55	2.50	2.60	2.12		3.0
	2		3.29	3.25	3.35	2.18		
beta-BHC	1		2.61	2.56	2.66	2.25		5.4
	2		3.39	3.34	3.44	2.13		
delta-BHC	1		2.74	2.70	2.80	2.09		10.2
	2		3.91	3.87	3.97	2.31		
Heptachlor	1		2.92	2.87	2.97	2.02		7.0
	2		4.08	4.04	4.14	2.17		
Aldrin	1		3.19	3.15	3.25	2.08		0.7
	2		4.94	4.89	4.99	2.10		
Heptachlor epoxide	1		4.13	4.07	4.21	2.22		0.6
	2		6.47	6.40	6.54	2.21		
4,4'-DDE	1		4.96	4.89	5.03	2.21		3.2
	2		7.45	7.38	7.52	2.14		
Endosulfan I	1		5.08	5.01	5.15	2.32		4.9
	2		7.32	7.25	7.39	2.21		
Dieldrin	1		5.69	5.62	5.76	2.15		6.5
	2		7.69	7.62	7.76	2.02		
Endrin	1		6.28	6.21	6.35	2.30		3.3
	2		8.05	7.98	8.12	2.23		
4,4'-DDD	1		6.47	6.40	6.54	2.45		8.8
	2		8.14	8.07	8.21	2.24		
Endosulfan II	1		6.80	6.74	6.88	2.21		4.7
	2		8.29	8.22	8.36	2.11		
4,4'-DDT	1		7.09	7.02	7.16	2.29		7.1
	2		8.51	8.45	8.59	2.13		
Endrin aldehyde	1		7.52	7.45	7.59	2.21		8.7
	2		8.69	8.62	8.76	2.02		
Methoxychlor	1		7.75	7.68	7.82	2.32		4.6
	2		9.30	9.23	9.37	2.22		
Endosulfan sulfate	1		8.01	7.94	8.08	2.21		3.0
	2		9.02	8.96	9.10	2.15		
Endrin ketone	1		8.32	8.25	8.39	2.33		1.2
	2		9.56	9.49	9.63	2.30		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V0-2N | Lab Sample ID: 460-42971-1

Matrix: Solid | Lab File ID: WF705156.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:10

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.03(g) | Date Analyzed: 08/06/2012 14:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	2.3	J p	7.6	1.4
72-54-8	4,4'-DDD	10		7.6	0.91
7421-93-4	Endrin aldehyde	4.4	J	7.6	1.9
76-44-8	Heptachlor	9.7		7.6	1.1
1024-57-3	Heptachlor epoxide	3.6	J p	7.6	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		40-150
2051-24-3	DCB Decachlorobiphenyl	107		53-150

Data File: WF705156.D
Report Date: 09-Aug-2012 15:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705156.D
Lab Smp Id: 460-42971-E-1-A Client Smp ID: 20120731SB-396V0-2N
Inj Date : 06-AUG-2012 14:35
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-1-A
Misc Info : 460-42971-E-1-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	12.10428	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.387	2.383	0.004	197598	47.0430	36	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
3.510	3.487	0.023	17964	3.09887	2.3	80.00- 120.00	100.00
17 Heptachlor					CAS #: 76-44-8		
5.137	5.100	0.037	65095	12.7763	9.7	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.667	6.640	0.027	17821	4.72285	3.6	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	161790	44.4094	34	80.00- 120.00	100.00

Data File: WF705156.D
Report Date: 09-Aug-2012 15:40

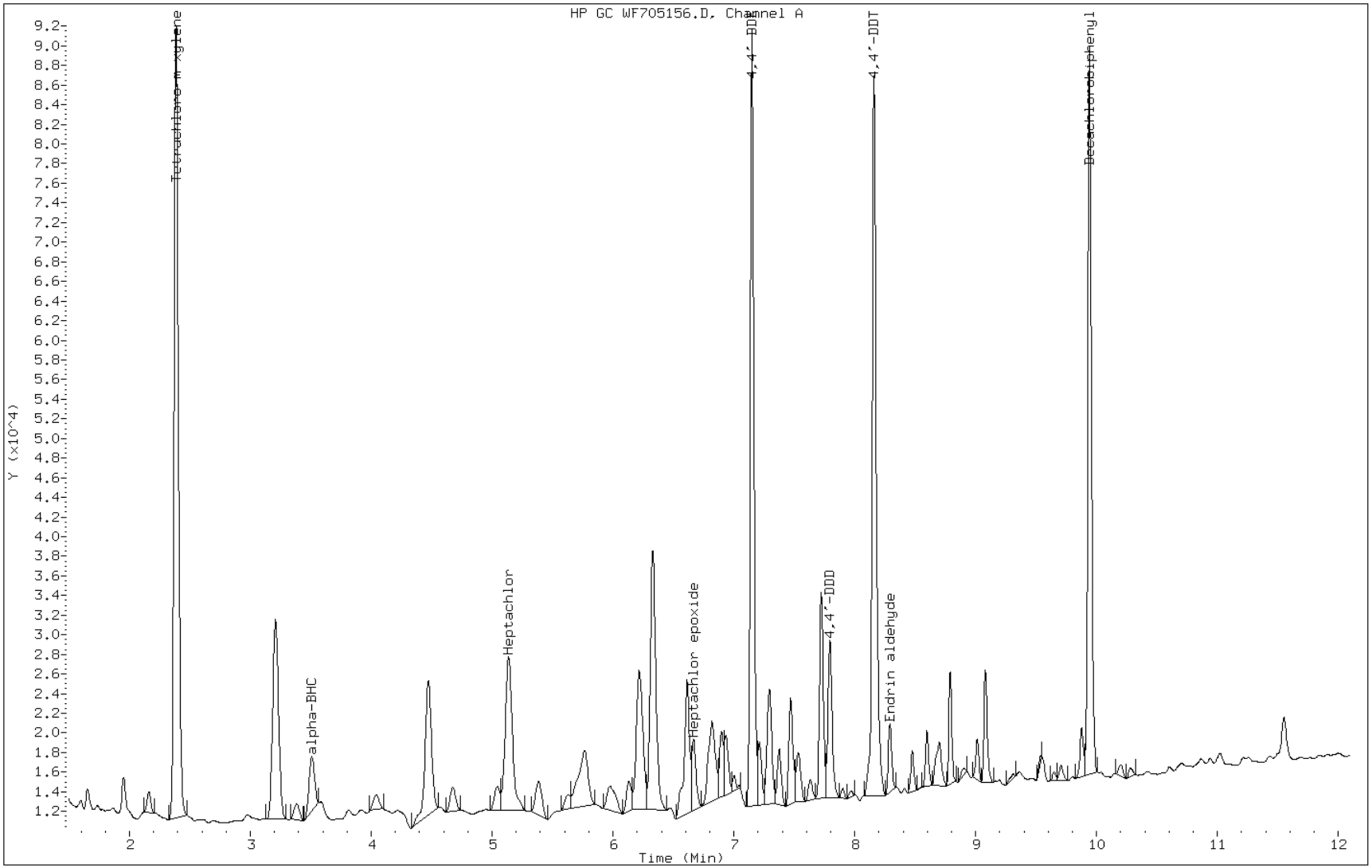
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
7.793	7.797	-0.004	39353	13.4761	10	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.160	8.160	0.000	172383	57.5495	44	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.290	8.310	-0.020	13397	5.77651	4.4	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.940	9.940	0.000	150536	53.6901	41	80.00- 120.00	100.00

Data File: WF705156.D

Date: 06-AUG-2012 14:35

Client ID: 20120731SB-396V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V0-2N | Lab Sample ID: 460-42971-1

Matrix: Solid | Lab File ID: WR705156.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:10

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.03(g) | Date Analyzed: 08/06/2012 14:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.6	1.7
319-85-7	beta-BHC	1.0	U	7.6	1.0
319-86-8	delta-BHC	1.2	U	7.6	1.2
58-89-9	gamma-BHC (Lindane)	0.89	U	7.6	0.89
57-74-9	Chlordane	16	U	76	16
72-55-9	4,4'-DDE	37		7.6	1.5
50-29-3	4,4'-DDT	47		7.6	0.95
60-57-1	Dieldrin	1.5	U	7.6	1.5
959-98-8	Endosulfan I	1.6	U	7.6	1.6
33213-65-9	Endosulfan II	1.1	U	7.6	1.1
1031-07-8	Endosulfan sulfate	0.98	U *	7.6	0.98
72-20-8	Endrin	1.1	U	7.6	1.1
53494-70-5	Endrin ketone	1.1	U	7.6	1.1
72-43-5	Methoxychlor	0.85	U	7.6	0.85
8001-35-2	Toxaphene	16	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		40-150
2051-24-3	DCB Decachlorobiphenyl	111		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705156.D
Lab Smp Id: 460-42971-E-1-A Client Smp ID: 20120731SB-396V0-2N
Inj Date : 06-AUG-2012 14:35
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-1-A
Misc Info : 460-42971-E-1-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:55 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	12.10428	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	187860	45.0289	34	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.467	2.453	0.014	28566	5.19076	3.9	80.00- 120.00	100.00
17 Heptachlor					CAS #: 76-44-8		
3.773	3.797	-0.024	49156	10.9056	8.2	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.450	5.460	-0.010	36447	8.44508	6.4	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.090	6.090	0.000	195798	48.7105	37	80.00- 120.00	100.00

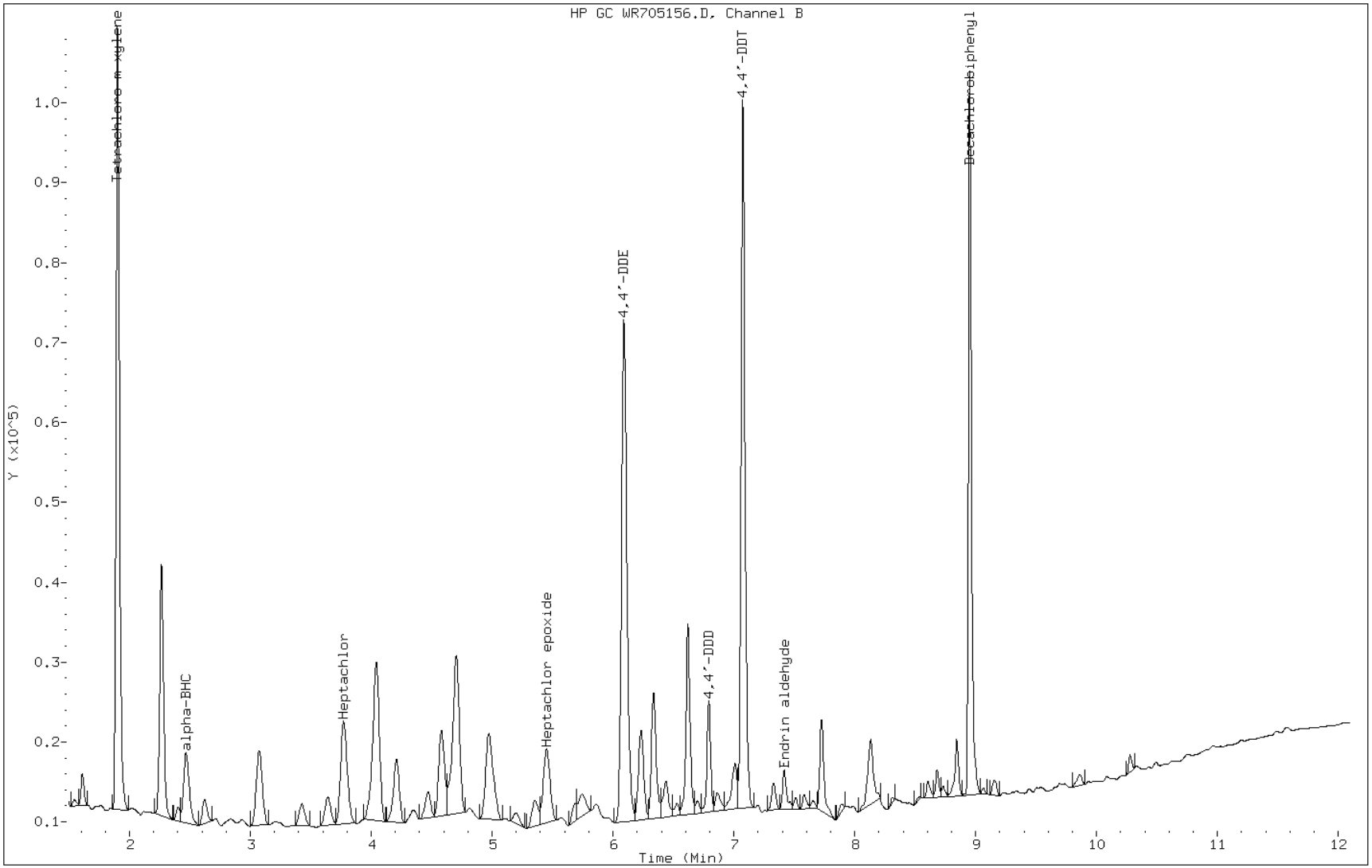
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
6.793	6.790	0.003	29634	9.17487	6.9	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.073	7.073	0.000	200273	61.8630	47	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.417	7.387	0.030	11889	4.42060	3.3	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	158337	55.5059	42	80.00- 120.00	100.00

Data File: WR705156.D

Date: 06-AUG-2012 14:35

Client ID: 20120731SB-396V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V6-7N | Lab Sample ID: 460-42971-2

Matrix: Solid | Lab File ID: WF705157.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:05

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 14:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 31.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		40-150
2051-24-3	DCB Decachlorobiphenyl	97		53-150

Data File: WF705157.D
Report Date: 09-Aug-2012 15:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705157.D
Lab Smp Id: 460-42971-E-2-A Client Smp ID: 20120731SB-396V6-7N
Inj Date : 06-AUG-2012 14:49
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-2-A
Misc Info : 460-42971-E-2-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	31.16371	% Moisture

Cpnd Variable Local Compound Variable

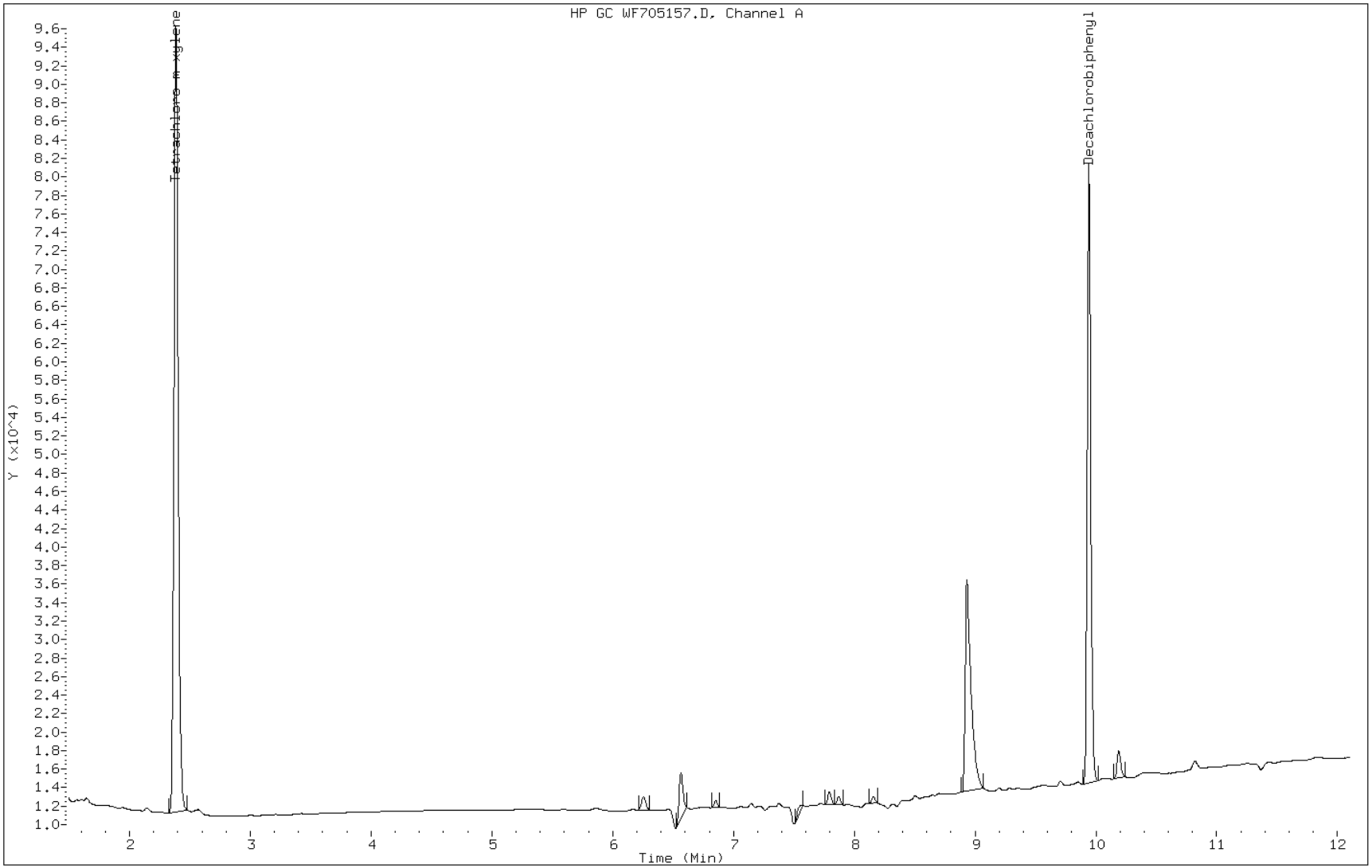
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.383	0.000	204840	48.7671	47	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.943	9.940	0.003	135728	48.4087	47	80.00- 120.00	100.00

Data File: WF705157.D

Date: 06-AUG-2012 14:49

Client ID: 20120731SB-396V6-7N Instrument: PESTGC4.i

Sample Info: 460-42971-E-2-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-396V6-7N | Lab Sample ID: 460-42971-2

Matrix: Solid | Lab File ID: WR705157.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:05

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 14:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 31.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.1	U	9.7	2.1
319-84-6	alpha-BHC	1.8	U	9.7	1.8
319-85-7	beta-BHC	1.3	U	9.7	1.3
319-86-8	delta-BHC	1.5	U	9.7	1.5
58-89-9	gamma-BHC (Lindane)	1.1	U	9.7	1.1
57-74-9	Chlordane	21	U	97	21
72-54-8	4,4'-DDD	1.2	U	9.7	1.2
72-55-9	4,4'-DDE	1.9	U	9.7	1.9
50-29-3	4,4'-DDT	1.2	U	9.7	1.2
60-57-1	Dieldrin	1.9	U	9.7	1.9
959-98-8	Endosulfan I	2.0	U	9.7	2.0
33213-65-9	Endosulfan II	1.5	U	9.7	1.5
1031-07-8	Endosulfan sulfate	1.2	U *	9.7	1.2
72-20-8	Endrin	1.4	U	9.7	1.4
7421-93-4	Endrin aldehyde	2.4	U	9.7	2.4
53494-70-5	Endrin ketone	1.4	U	9.7	1.4
76-44-8	Heptachlor	1.4	U	9.7	1.4
1024-57-3	Heptachlor epoxide	2.0	U	9.7	2.0
72-43-5	Methoxychlor	1.1	U	9.7	1.1
8001-35-2	Toxaphene	20	U	97	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		40-150
2051-24-3	DCB Decachlorobiphenyl	106		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705157.D
Lab Smp Id: 460-42971-E-2-A Client Smp ID: 20120731SB-396V6-7N
Inj Date : 06-AUG-2012 14:49
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-2-A
Misc Info : 460-42971-E-2-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:55 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	31.16371	% Moisture

Cpnd Variable Local Compound Variable

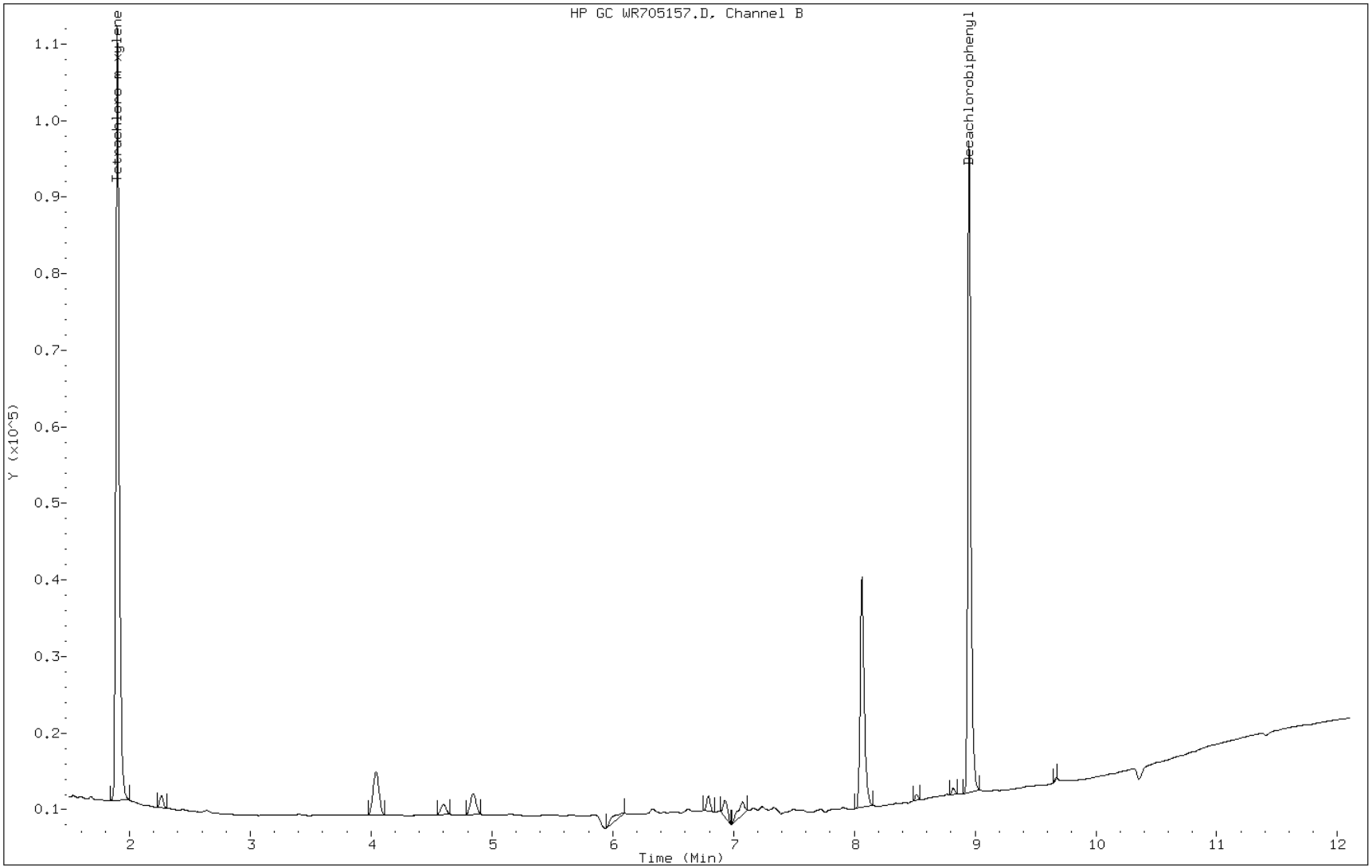
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	196000	46.9800	45	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	150689	52.8249	51	80.00- 120.00	100.00

Data File: WR705157.D

Date: 06-AUG-2012 14:49

Client ID: 20120731SB-396V6-7N Instrument: PESTGC4.i

Sample Info: 460-42971-E-2-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID: 20120731SB-397V0-2N
Lab Sample ID: 460-42971-3
Matrix: Solid
Lab File ID: WF705158.D
Analysis Method: 8081A
Date Collected: 07/31/2012 09:25
Extraction Method: 3541
Date Extracted: 08/02/2012 07:13
Sample wt/vol: 15.04(g)
Date Analyzed: 08/06/2012 15:03
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 28.0
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123327
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
33213-65-9	Endosulfan II	3.9	J p	9.3	1.4
53494-70-5	Endrin ketone	150		9.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		40-150
2051-24-3	DCB Decachlorobiphenyl	99		53-150

Data File: WF705158.D
Report Date: 09-Aug-2012 15:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705158.D
Lab Smp Id: 460-42971-E-3-A Client Smp ID: 20120731SB-397V0-2N
Inj Date : 06-AUG-2012 15:03
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-3-A
Misc Info : 460-42971-E-3-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	28.02198	% Moisture

Cpnd Variable Local Compound Variable

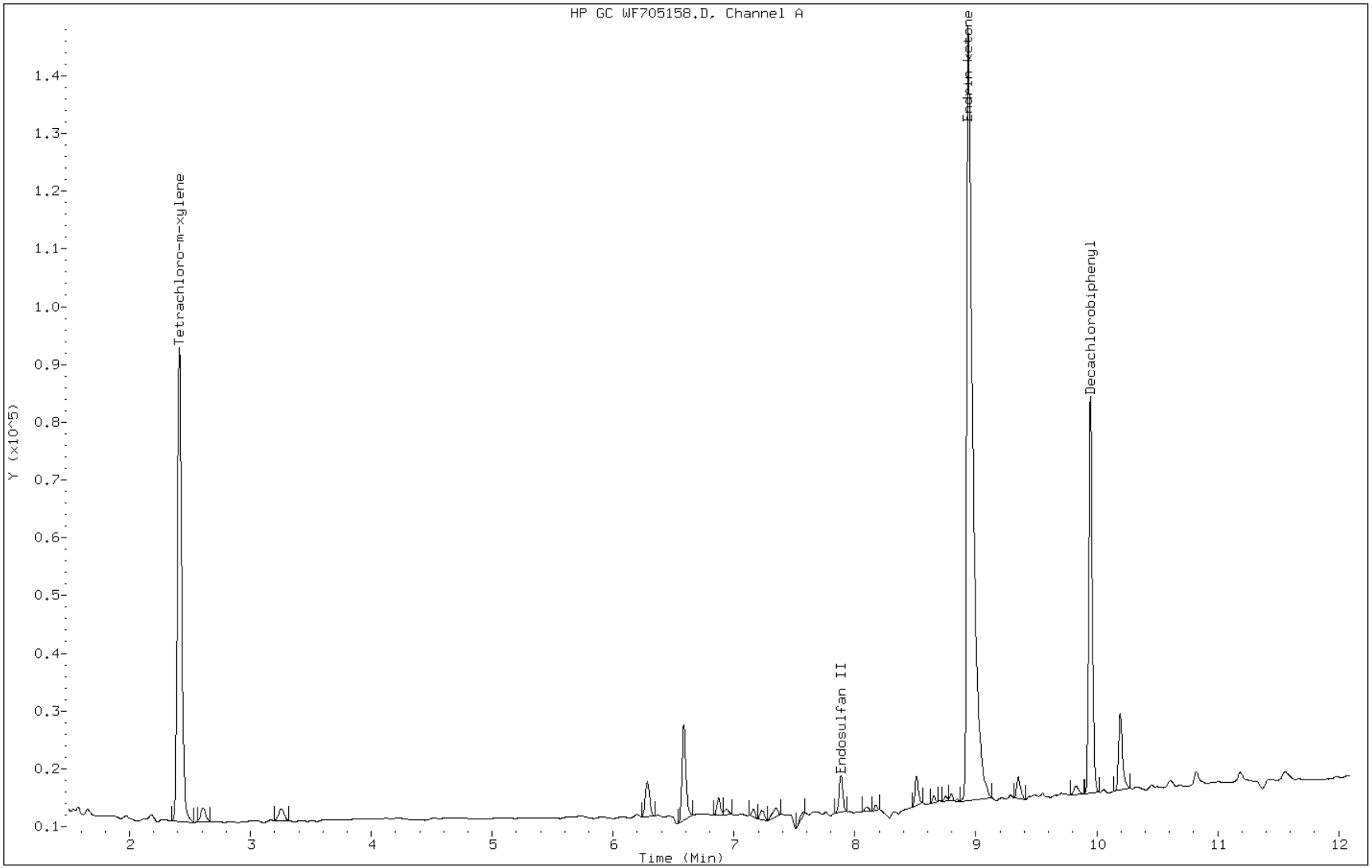
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.413	2.383	0.030	207332	49.3604	46	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.883	7.947	-0.064	13655	4.24231	3.9	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.937	8.943	-0.006	471358	166.965	150	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.947	9.940	0.007	139079	49.6038	46	80.00- 120.00	100.00

Data File: WF705158.D

Date: 06-AUG-2012 15:03

Client ID: 20120731SB-397V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-3-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N | Lab Sample ID: 460-42971-3

Matrix: Solid | Lab File ID: WR705158.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:25

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.04(g) | Date Analyzed: 08/06/2012 15:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.0	U	9.3	2.0
319-84-6	alpha-BHC	1.7	U	9.3	1.7
319-85-7	beta-BHC	1.3	U	9.3	1.3
319-86-8	delta-BHC	1.4	U	9.3	1.4
58-89-9	gamma-BHC (Lindane)	1.1	U	9.3	1.1
57-74-9	Chlordane	20	U	93	20
72-54-8	4,4'-DDD	1.1	U	9.3	1.1
72-55-9	4,4'-DDE	1.8	U	9.3	1.8
50-29-3	4,4'-DDT	1.2	U	9.3	1.2
60-57-1	Dieldrin	1.8	U	9.3	1.8
959-98-8	Endosulfan I	2.0	U	9.3	2.0
1031-07-8	Endosulfan sulfate	1.2	U *	9.3	1.2
72-20-8	Endrin	1.3	U	9.3	1.3
7421-93-4	Endrin aldehyde	2.3	U	9.3	2.3
76-44-8	Heptachlor	1.3	U	9.3	1.3
1024-57-3	Heptachlor epoxide	1.9	U	9.3	1.9
72-43-5	Methoxychlor	1.0	U	9.3	1.0
8001-35-2	Toxaphene	19	U	93	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		40-150
2051-24-3	DCB Decachlorobiphenyl	116		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705158.D
Lab Smp Id: 460-42971-E-3-A Client Smp ID: 20120731SB-397V0-2N
Inj Date : 06-AUG-2012 15:03
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-3-A
Misc Info : 460-42971-E-3-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:55 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	28.02198	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.910	1.900	0.010	203447	48.7650	45	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.940	6.953	-0.013	21989	6.48967	6.0	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.070	8.170	-0.100	409071	127.696	120	80.00- 120.00	100.00(M)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.953	8.950	0.003	164966	57.8298	53	80.00- 120.00	100.00

QC Flag Legend

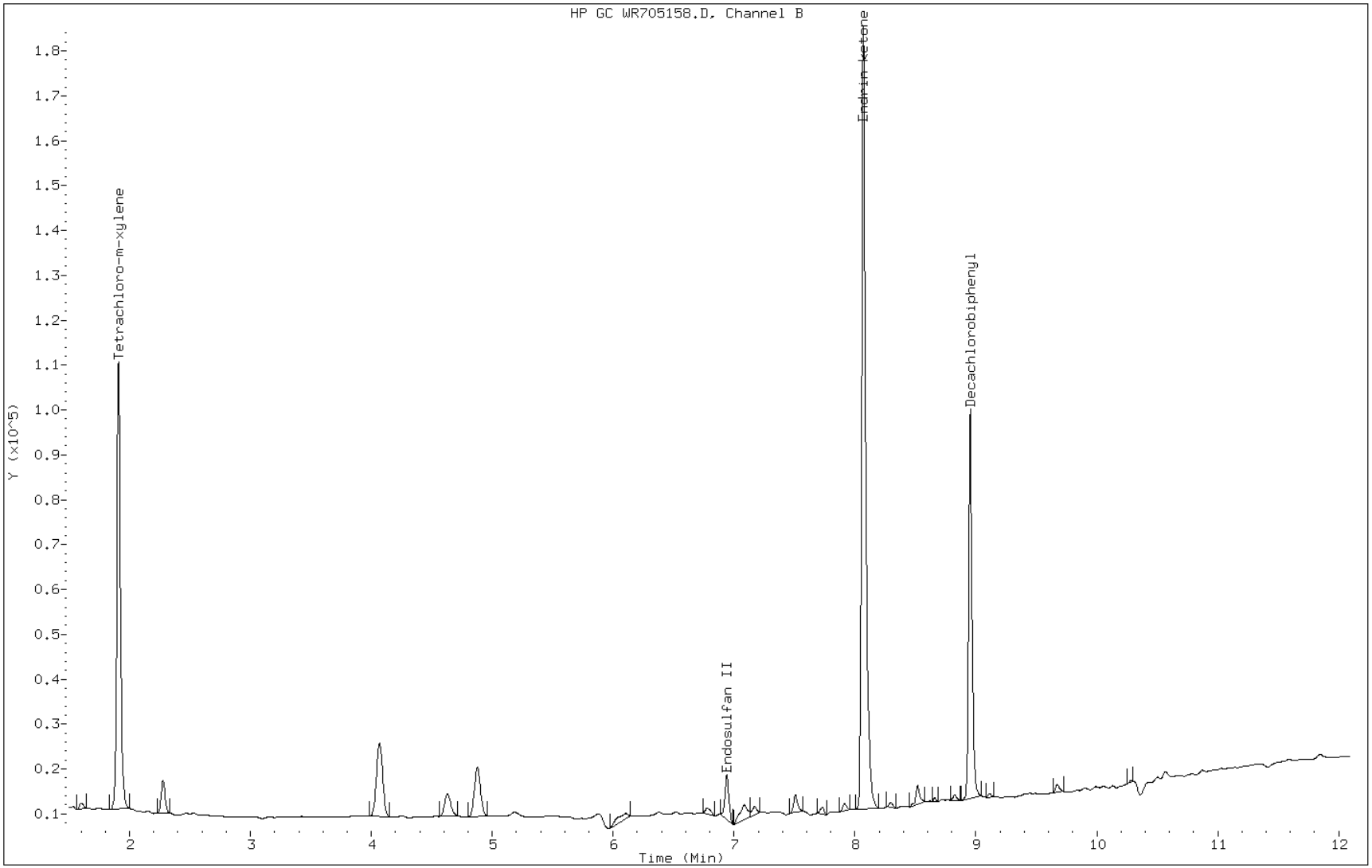
M - Compound response manually integrated.

Data File: WR705158.D

Date: 06-AUG-2012 15:03

Client ID: 20120731SB-397V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-3-A Operator:



Manual Integration Report

Data File: WR705158.D
Inj. Date and Time: 06-AUG-2012 15:03
Instrument ID: PESTGC4.i
Client ID: 20120731SB-397V0-2N
Compound: 16 Endrin ketone
CAS #: 53494-70-5
Report Date: 08/09/2012

Processing Integration Results

Not Detected

Expected RT: 8.17

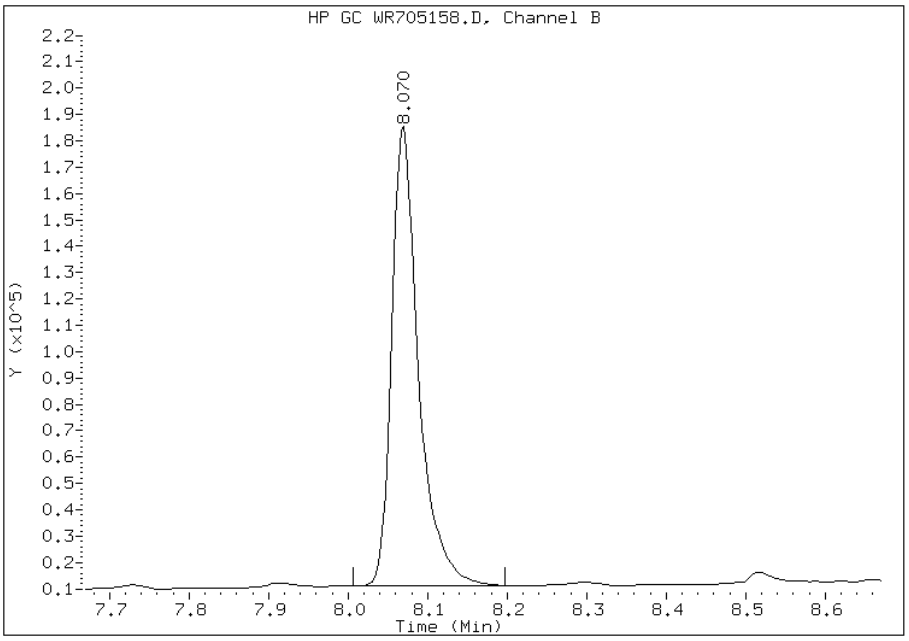
Manual Integration Results

RT: 8.07

Response: 409071

Amount: 127.70

Conc: 117.96



Manually Integrated By: patelhe
Manual Integration Reason:

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V5-6N | Lab Sample ID: 460-42971-6

Matrix: Solid | Lab File ID: WF705161.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:35

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 15:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	1.1	U	9.2	1.1
72-55-9	4,4'-DDE	680	E	9.2	1.8
60-57-1	Dieldrin	3.5	J p	9.2	1.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

Data File: WF705161.D
Report Date: 09-Aug-2012 15:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705161.D
Lab Smp Id: 460-42971-E-6-A Client Smp ID: 20120731SB-397V5-6N
Inj Date : 06-AUG-2012 15:47
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-6-A
Misc Info : 460-42971-E-6-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	27.30697	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.387	2.383	0.004	212654	50.6275	46	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	2692480	739.053	680	80.00- 120.00	100.00(A)
10 Dieldrin					CAS #: 60-57-1		
7.377	7.363	0.014	13990	3.76406	3.4	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.747	7.710	0.037	41337	12.8281	12	80.00- 120.00	100.00(M)
7 4,4'-DDD					CAS #: 72-54-8		
7.793	7.797	-0.004	3325	1.13868	1.0	80.00- 120.00	100.00(aM)

Data File: WF705161.D
Report Date: 09-Aug-2012 15:53

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
12 Endosulfan II					CAS #: 33213-65-9		
7.933	7.947	-0.014	47534	14.7679	14	80.00- 120.00	100.00(M)
16 Endrin ketone					CAS #: 53494-70-5		
8.967	8.943	0.024	34337	12.1630	11	80.00- 120.00	100.00(M)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.940	9.940	0.000	136700	48.7553	45	80.00- 120.00	100.00

QC Flag Legend

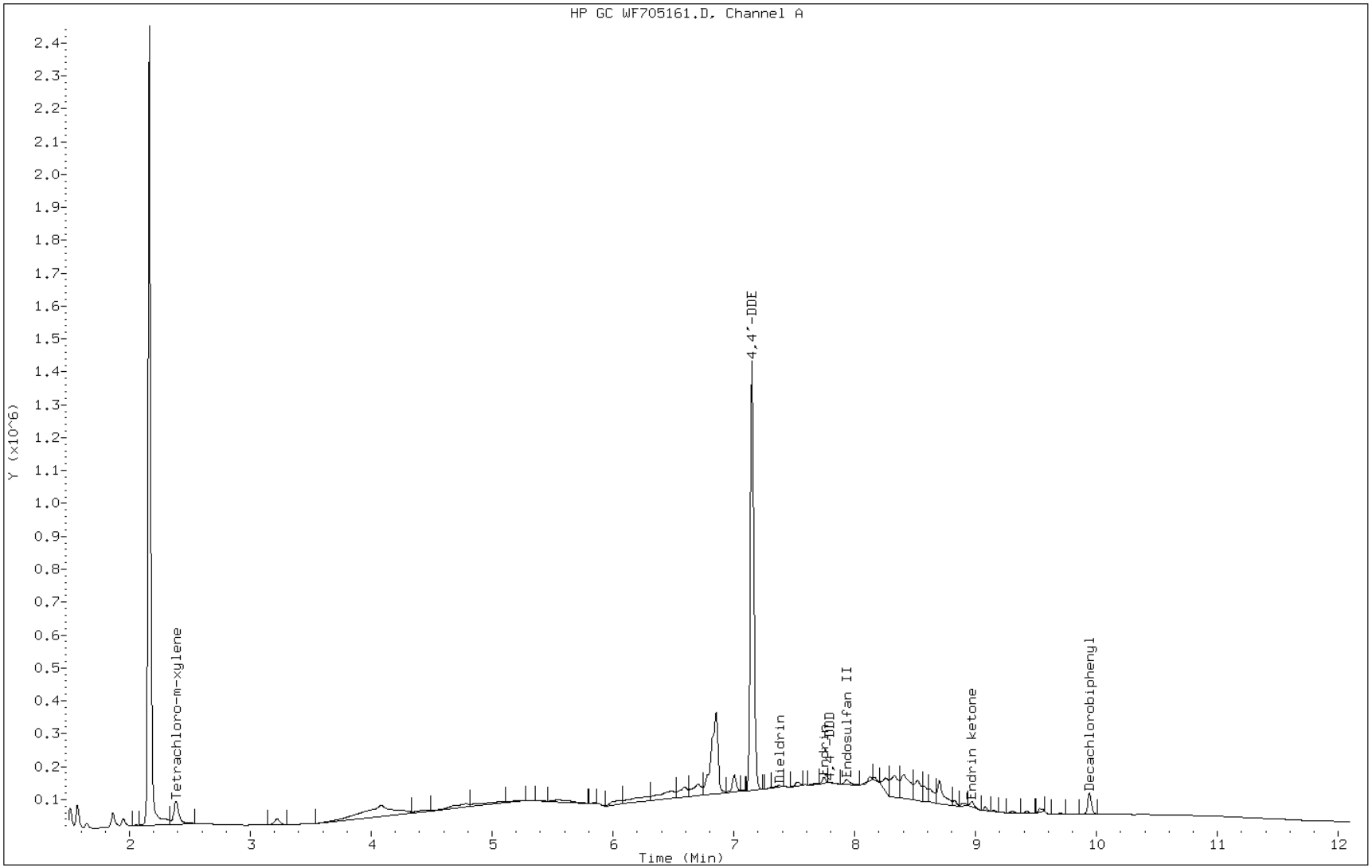
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: WF705161.D

Date: 06-AUG-2012 15:47

Client ID: 20120731SB-397V5-6N Instrument: PESTGC4.i

Sample Info: 460-42971-E-6-A Operator:



Manual Integration Report

Data File: WF705161.D
Inj. Date and Time: 06-AUG-2012 15:47
Instrument ID: PESTGC4.i
Client ID: 20120731SB-397V5-6N
Compound: 7 4,4'-DDD
CAS #: 72-54-8
Report Date: 08/09/2012

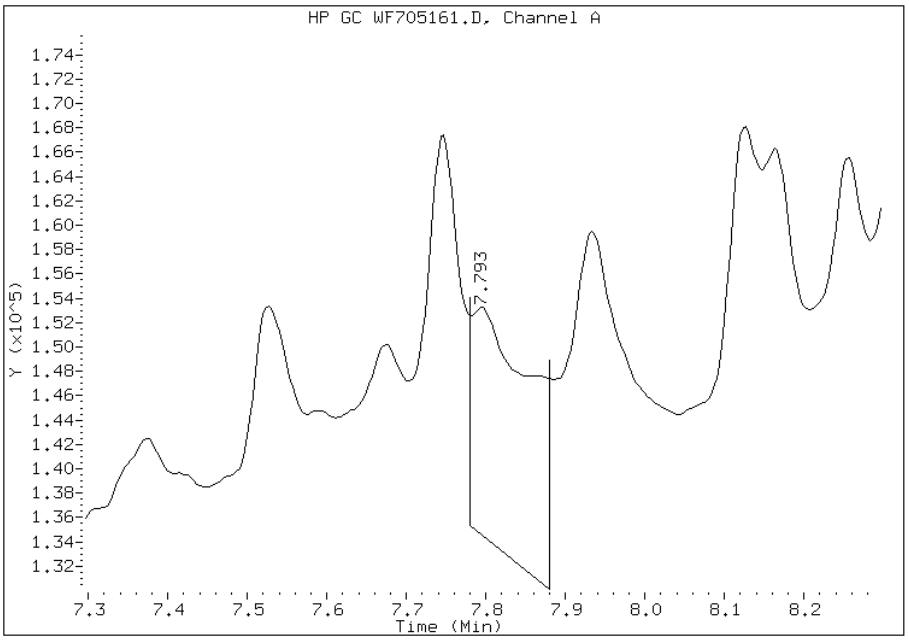
Processing Integration Results

RT: 7.79

Response: 101296

Amount: 34.69

Conc: 31.81



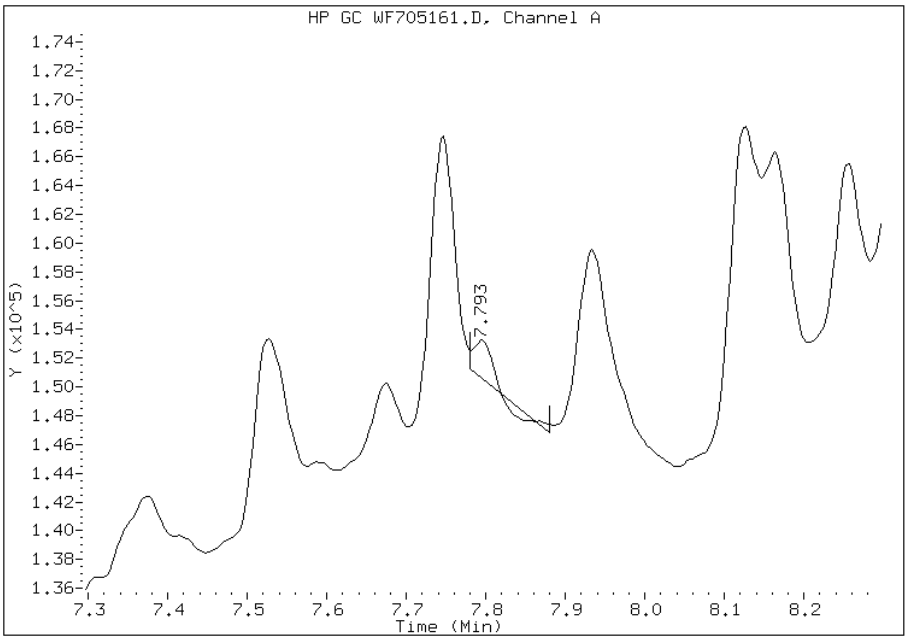
Manual Integration Results

RT: 7.79

Response: 3325

Amount: 1.14

Conc: 1.04



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: WF705161.D
Inj. Date and Time: 06-AUG-2012 15:47
Instrument ID: PESTGC4.i
Client ID: 20120731SB-397V5-6N
Compound: 12 Endosulfan II
CAS #: 33213-65-9
Report Date: 08/09/2012

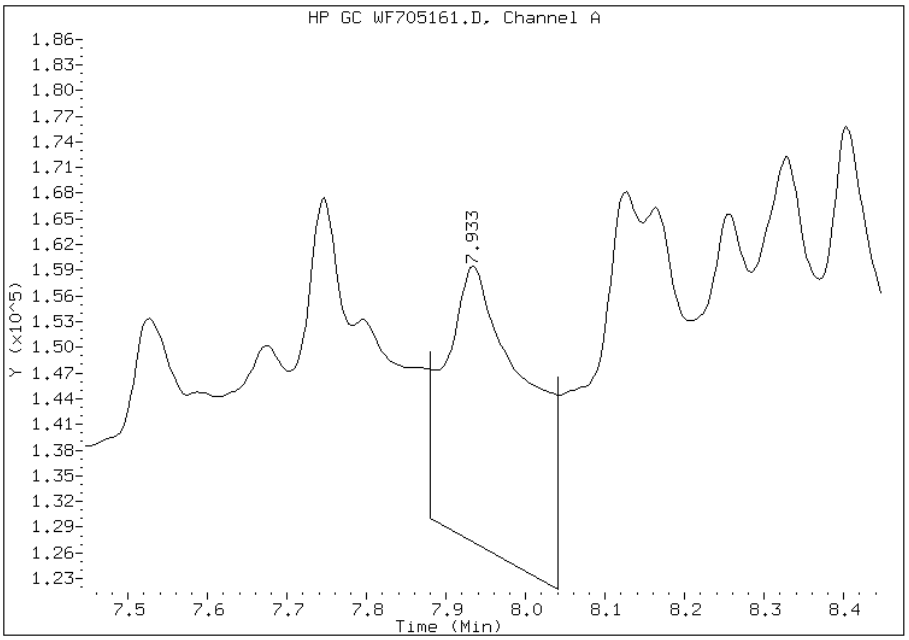
Processing Integration Results

RT: 7.93

Response: 231652

Amount: 71.97

Conc: 66.00



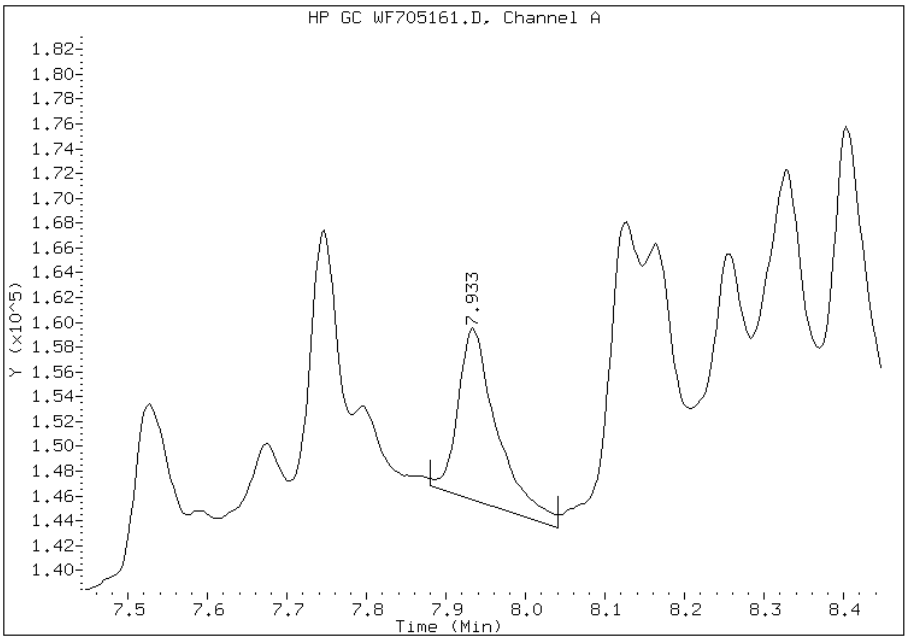
Manual Integration Results

RT: 7.93

Response: 47534

Amount: 14.77

Conc: 13.54



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: WF705161.D
Inj. Date and Time: 06-AUG-2012 15:47
Instrument ID: PESTGC4.i
Client ID: 20120731SB-397V5-6N
Compound: 14 Endrin
CAS #: 72-20-8
Report Date: 08/09/2012

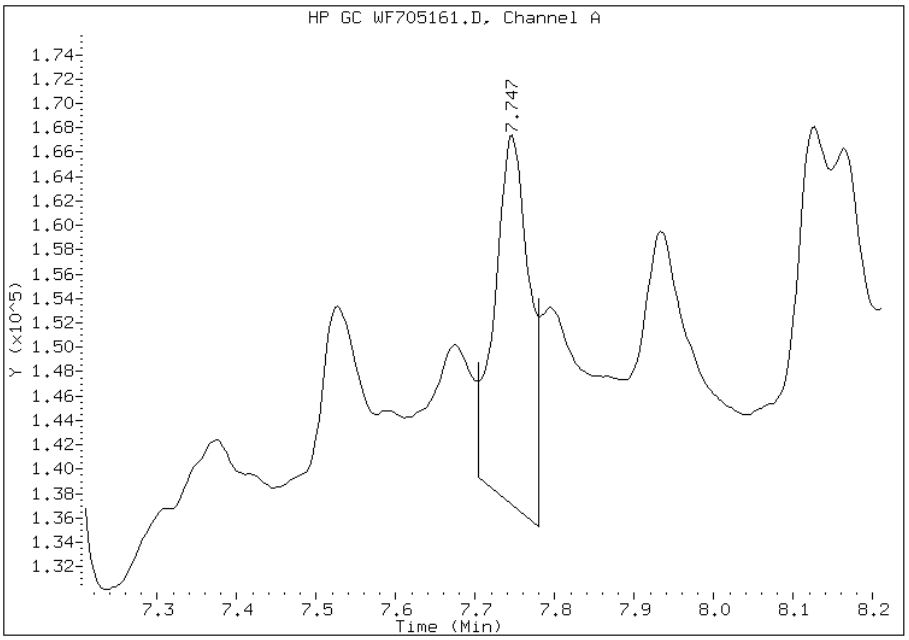
Processing Integration Results

RT: 7.75

Response: 91338

Amount: 28.34

Conc: 26.00



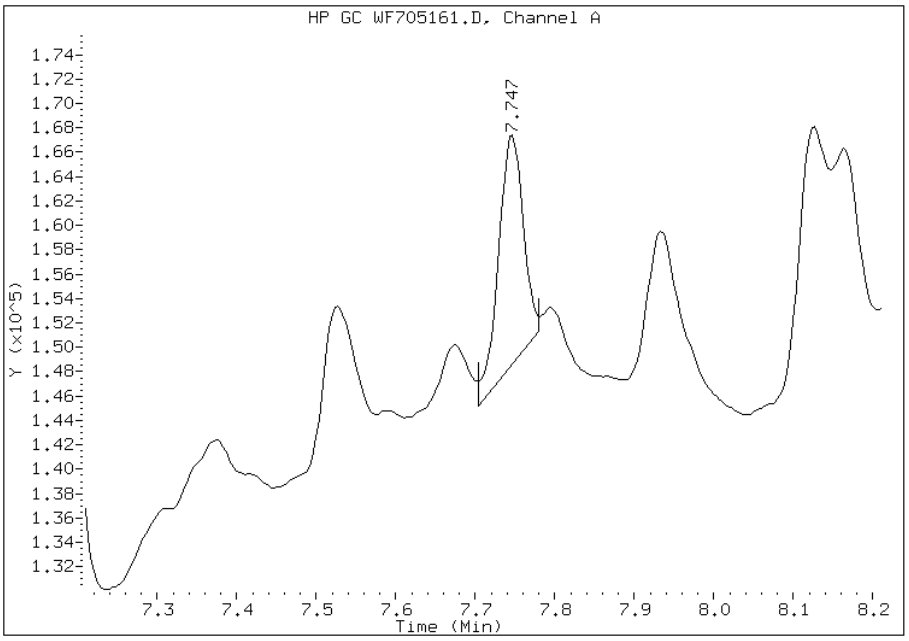
Manual Integration Results

RT: 7.75

Response: 41337

Amount: 12.83

Conc: 11.76



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: WF705161.D
Inj. Date and Time: 06-AUG-2012 15:47
Instrument ID: PESTGC4.i
Client ID: 20120731SB-397V5-6N
Compound: 16 Endrin ketone
CAS #: 53494-70-5
Report Date: 08/09/2012

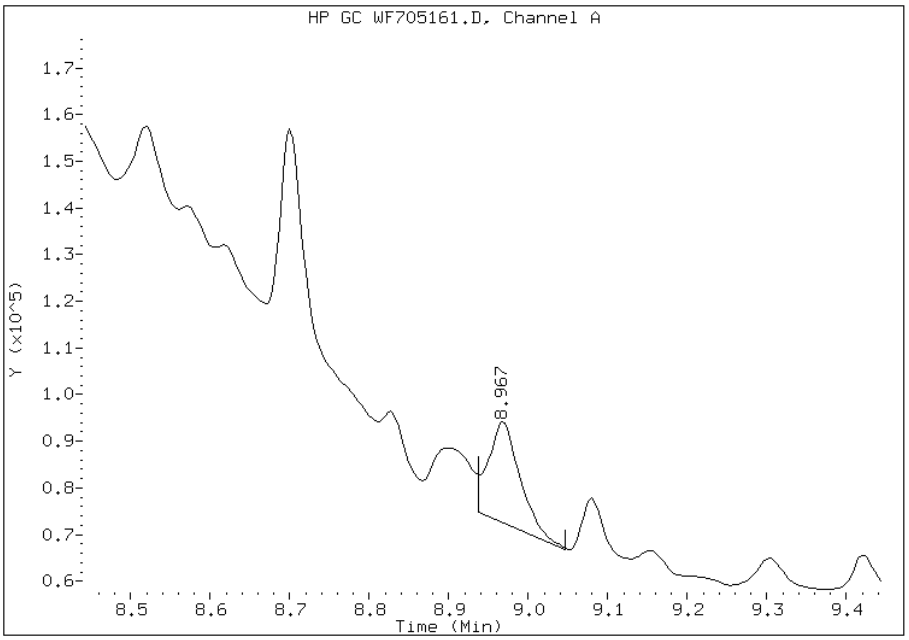
Processing Integration Results

RT: 8.97

Response: 59684

Amount: 21.14

Conc: 19.39



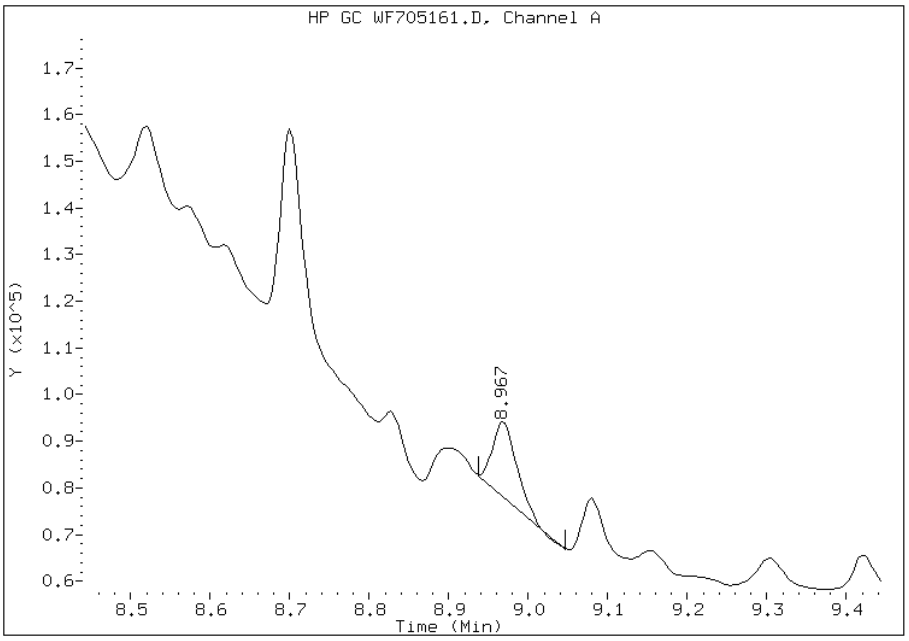
Manual Integration Results

RT: 8.97

Response: 34337

Amount: 12.16

Conc: 11.15



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V5-6N | Lab Sample ID: 460-42971-6

Matrix: Solid | Lab File ID: WR705161.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:35

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 15:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.0	U	9.2	2.0
319-84-6	alpha-BHC	1.7	U	9.2	1.7
319-85-7	beta-BHC	1.3	U	9.2	1.3
319-86-8	delta-BHC	1.4	U	9.2	1.4
58-89-9	gamma-BHC (Lindane)	1.1	U	9.2	1.1
57-74-9	Chlordane	20	U	92	20
50-29-3	4,4'-DDT	1.2	U	9.2	1.2
959-98-8	Endosulfan I	1.9	U	9.2	1.9
33213-65-9	Endosulfan II	6.7	J p	9.2	1.4
1031-07-8	Endosulfan sulfate	1.2	U *	9.2	1.2
72-20-8	Endrin	7.1	J p	9.2	1.3
7421-93-4	Endrin aldehyde	2.3	U	9.2	2.3
53494-70-5	Endrin ketone	5.4	J p	9.2	1.4
76-44-8	Heptachlor	1.3	U	9.2	1.3
1024-57-3	Heptachlor epoxide	1.9	U	9.2	1.9
72-43-5	Methoxychlor	1.0	U	9.2	1.0
8001-35-2	Toxaphene	19	U	92	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-150
2051-24-3	DCB Decachlorobiphenyl	99		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705161.D
Lab Smp Id: 460-42971-E-6-A Client Smp ID: 20120731SB-397V5-6N
Inj Date : 06-AUG-2012 15:47
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-6-A
Misc Info : 460-42971-E-6-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:55 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	27.30697	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.903	1.900	0.003	156938	37.6171	34	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.090	6.090	0.000	2946572	733.046	670	80.00- 120.00	100.00(A)
10 Dieldrin					CAS #: 60-57-1		
6.477	6.483	-0.006	32559	8.27030	7.6	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.690	6.727	-0.037	25154	7.76519	7.1	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.767	6.790	-0.023	85458	26.4583	24	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
12 Endosulfan II					CAS #: 33213-65-9		
6.890	6.953	-0.063	24935	7.35913	6.7	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.160	8.170	-0.010	18895	5.89829	5.4	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	140962	49.4150	45	80.00- 120.00	100.00

QC Flag Legend

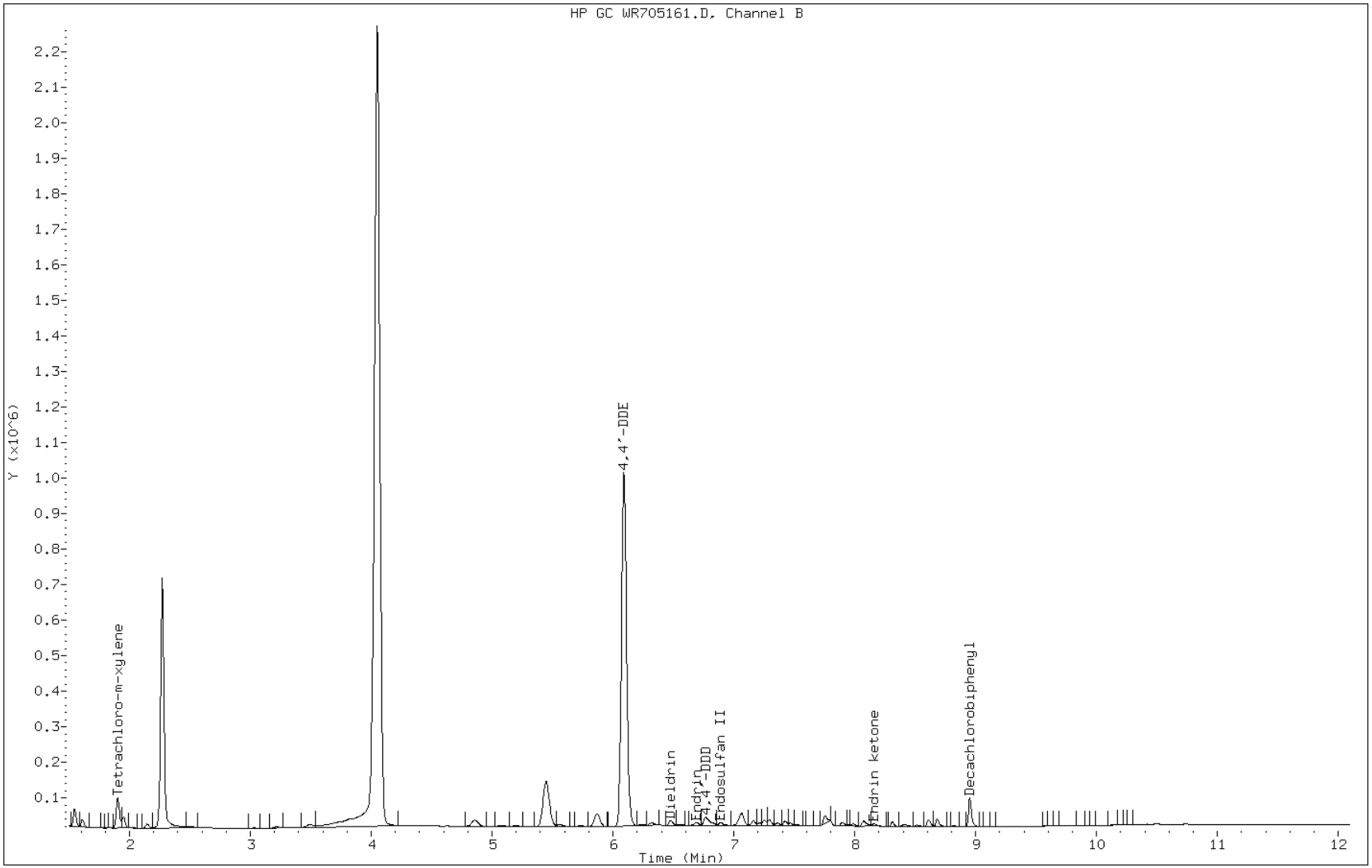
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: WR705161.D

Date: 06-AUG-2012 15:47

Client ID: 20120731SB-397V5-6N Instrument: PESTGC4.i

Sample Info: 460-42971-E-6-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V0-2N | Lab Sample ID: 460-42971-7

Matrix: Solid | Lab File ID: WF705162.D

Analysis Method: 8081A | Date Collected: 07/31/2012 10:05

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 16:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		40-150
2051-24-3	DCB Decachlorobiphenyl	100		53-150

Data File: WF705162.D
Report Date: 09-Aug-2012 15:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705162.D
Lab Smp Id: 460-42971-E-7-A Client Smp ID: 20120731SB-394V0-2N
Inj Date : 06-AUG-2012 16:01
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-7-A
Misc Info : 460-42971-E-7-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	12.71186	% Moisture

Cpnd Variable Local Compound Variable

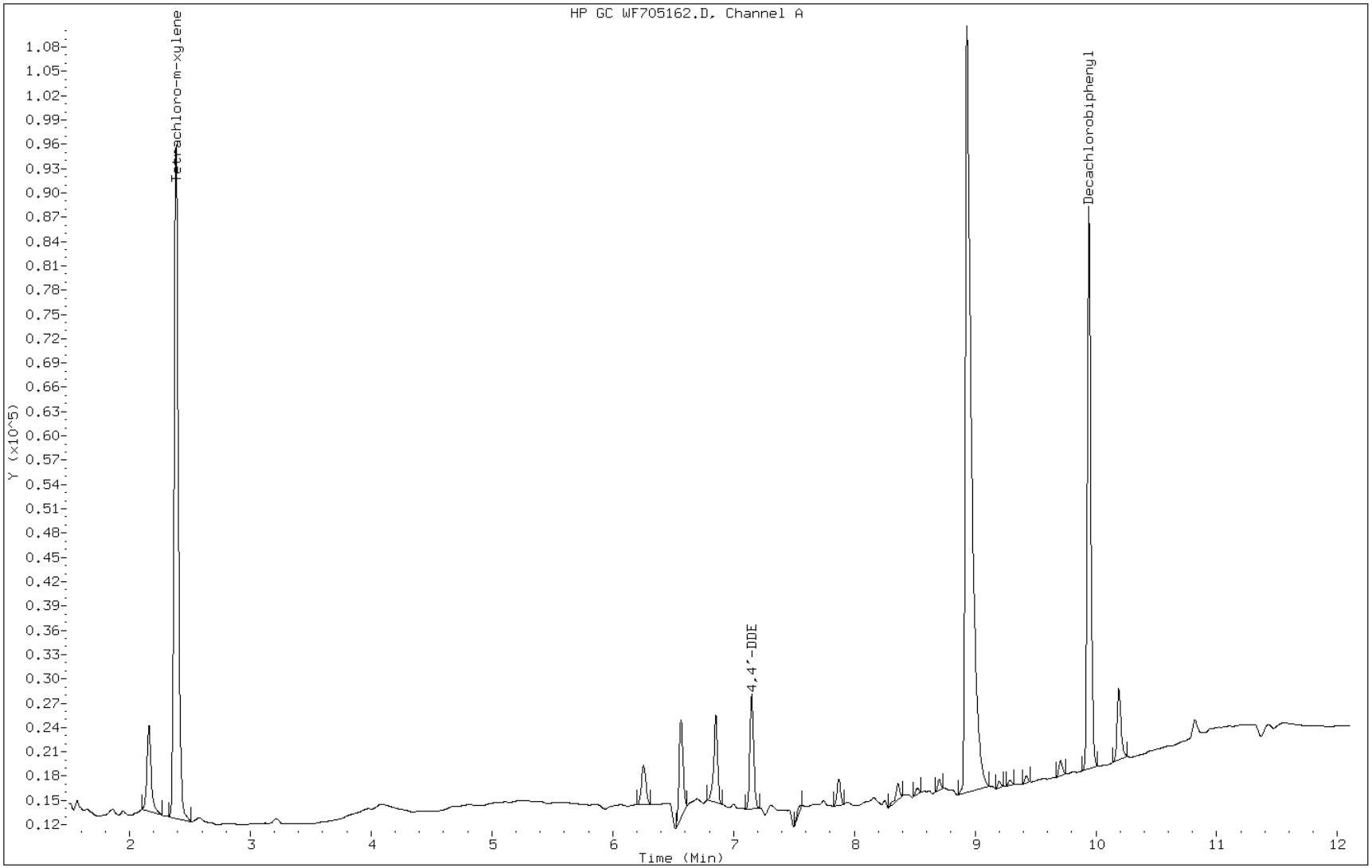
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.387	2.383	0.004	200239	47.6718	36	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	29810	8.18248	6.2	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.943	9.940	0.003	139618	49.7961	38	80.00- 120.00	100.00

Data File: WF705162.D

Date: 06-AUG-2012 16:01

Client ID: 20120731SB-394V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-7-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V0-2N | Lab Sample ID: 460-42971-7

Matrix: Solid | Lab File ID: WR705162.D

Analysis Method: 8081A | Date Collected: 07/31/2012 10:05

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 16:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.7	1.7
319-84-6	alpha-BHC	1.4	U	7.7	1.4
319-85-7	beta-BHC	1.0	U	7.7	1.0
319-86-8	delta-BHC	1.2	U	7.7	1.2
58-89-9	gamma-BHC (Lindane)	0.89	U	7.7	0.89
57-74-9	Chlordane	17	U	77	17
72-54-8	4,4'-DDD	0.92	U	7.7	0.92
72-55-9	4,4'-DDE	6.6	J	7.7	1.5
50-29-3	4,4'-DDT	0.96	U	7.7	0.96
60-57-1	Dieldrin	1.5	U	7.7	1.5
959-98-8	Endosulfan I	1.6	U	7.7	1.6
33213-65-9	Endosulfan II	1.2	U	7.7	1.2
1031-07-8	Endosulfan sulfate	0.99	U *	7.7	0.99
72-20-8	Endrin	1.1	U	7.7	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.7	1.9
53494-70-5	Endrin ketone	1.1	U	7.7	1.1
76-44-8	Heptachlor	1.1	U	7.7	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.7	1.5
72-43-5	Methoxychlor	0.86	U	7.7	0.86
8001-35-2	Toxaphene	16	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	97		40-150
2051-24-3	DCB Decachlorobiphenyl	114		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705162.D
Lab Smp Id: 460-42971-E-7-A Client Smp ID: 20120731SB-394V0-2N
Inj Date : 06-AUG-2012 16:01
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-7-A
Misc Info : 460-42971-E-7-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:55 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	12.71186	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	201467	48.2904	37	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.090	6.090	0.000	34688	8.62971	6.6	80.00- 120.00	100.00(M)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	162180	56.8531	43	80.00- 120.00	100.00

QC Flag Legend

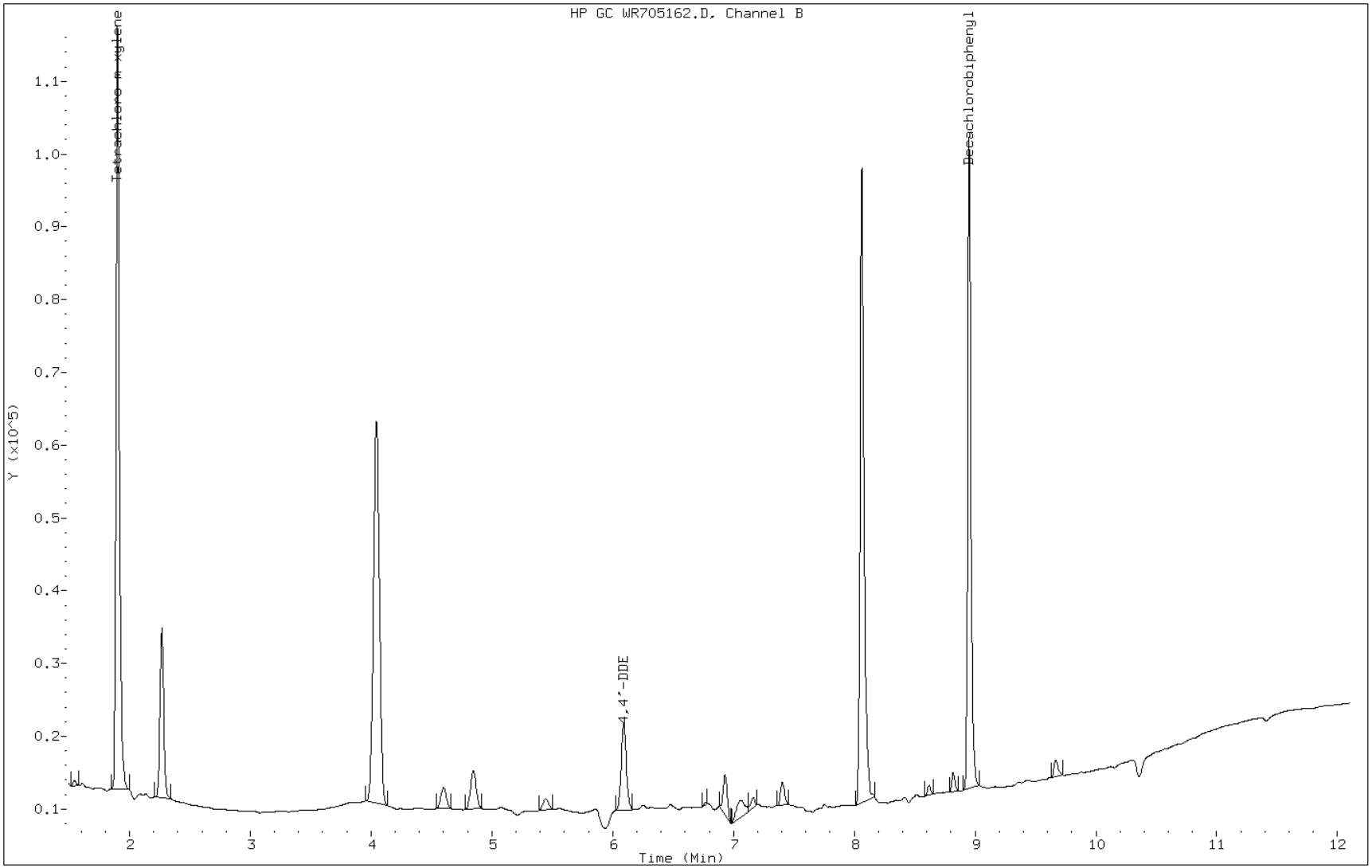
M - Compound response manually integrated.

Data File: WR705162.D

Date: 06-AUG-2012 16:01

Client ID: 20120731SB-394V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-7-A Operator:



Manual Integration Report

Data File: WR705162.D
Inj. Date and Time: 06-AUG-2012 16:01
Instrument ID: PESTGC4.i
Client ID: 20120731SB-394V0-2N
Compound: 8 4,4'-DDE
CAS #: 72-55-9
Report Date: 08/09/2012

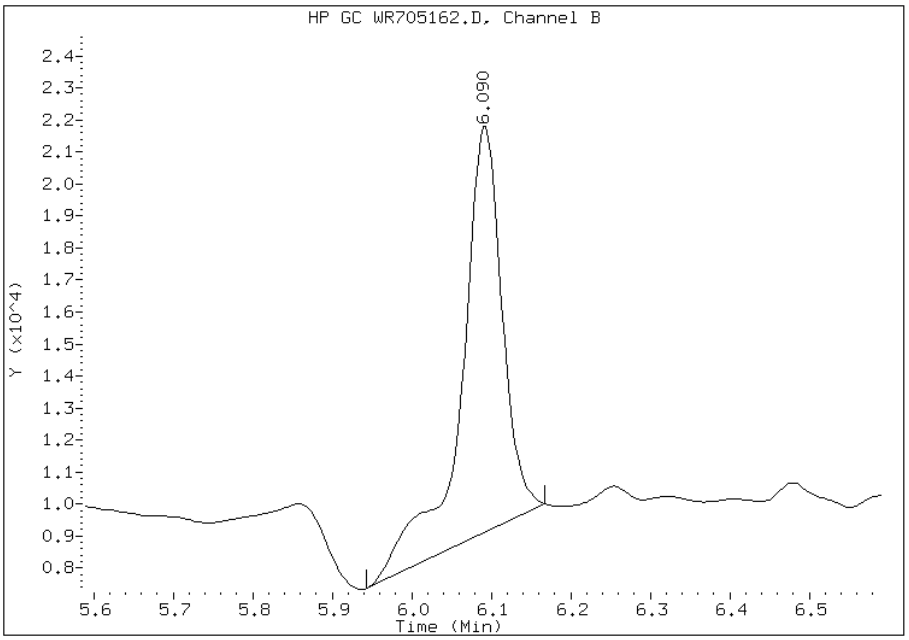
Processing Integration Results

RT: 6.09

Response: 45317

Amount: 11.27

Conc: 8.61



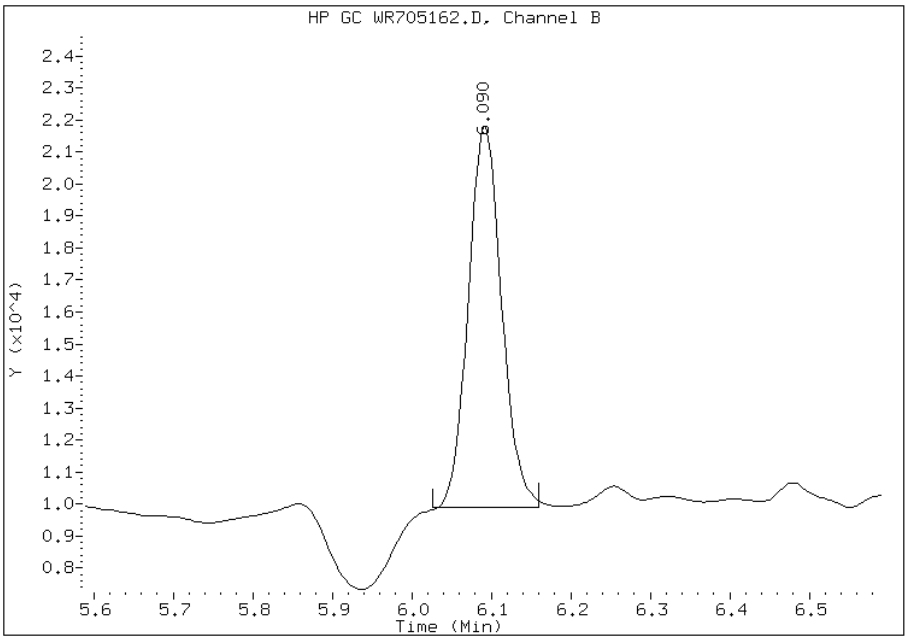
Manual Integration Results

RT: 6.09

Response: 34688

Amount: 8.63

Conc: 6.59



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V7-8N | Lab Sample ID: 460-42971-8

Matrix: Solid | Lab File ID: WF705163.D

Analysis Method: 8081A | Date Collected: 07/31/2012 10:10

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 16:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	97		40-150
2051-24-3	DCB Decachlorobiphenyl	99		53-150

Data File: WF705163.D
Report Date: 09-Aug-2012 15:59

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705163.D
Lab Smp Id: 460-42971-E-8-A Client Smp ID: 20120731SB-394V7-8N
Inj Date : 06-AUG-2012 16:15
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-8-A
Misc Info : 460-42971-E-8-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	27.29045	% Moisture

Cpnd Variable Local Compound Variable

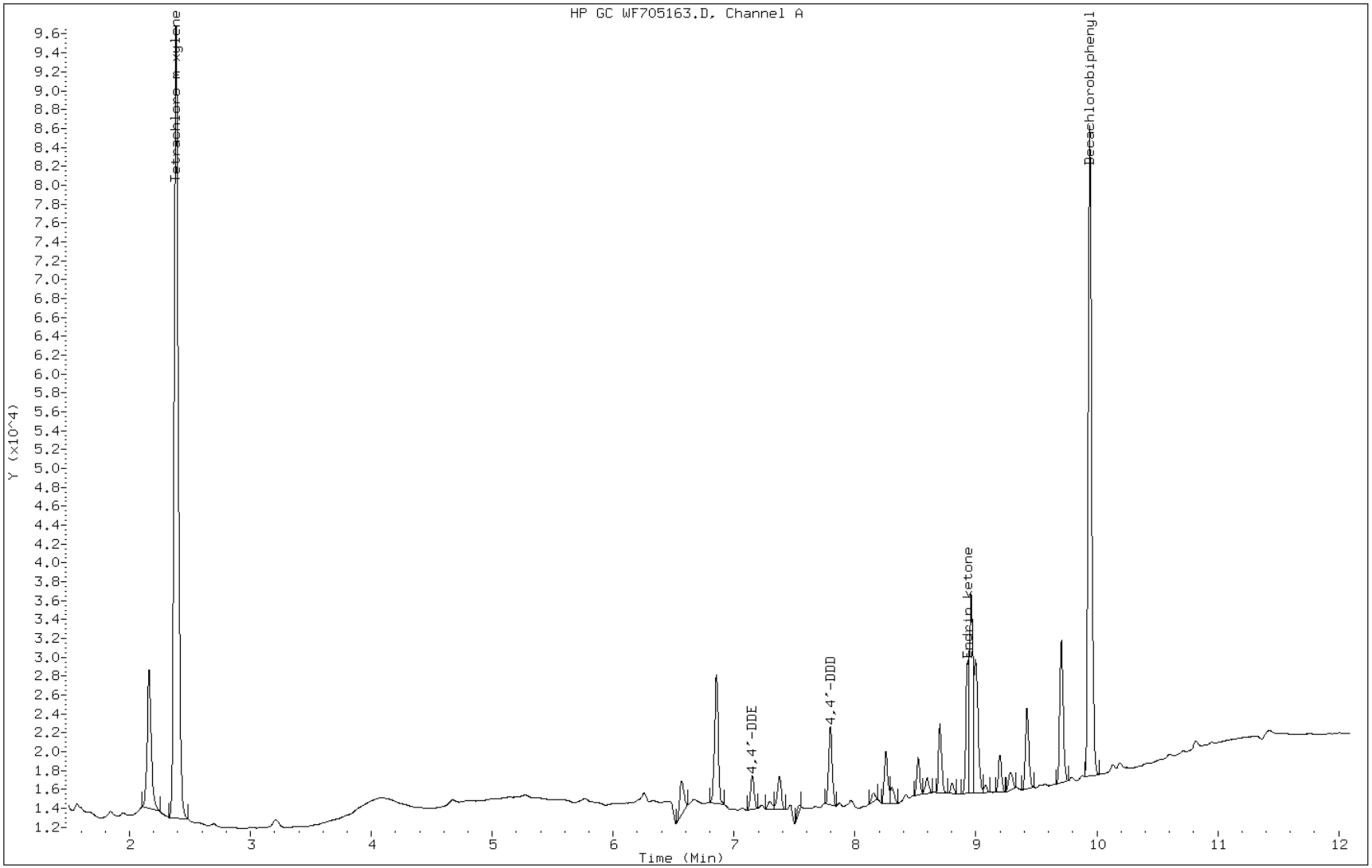
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.383	0.000	202868	48.2977	44	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	7141	1.96012	1.8	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.797	7.797	0.000	16973	5.81225	5.3	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.930	8.943	-0.013	21139	7.48788	6.9	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.940	9.940	0.000	138641	49.4476	45	80.00- 120.00	100.00

Data File: WF705163.D

Date: 06-AUG-2012 16:15

Client ID: 20120731SB-394V7-8N Instrument: PESTGC4.i

Sample Info: 460-42971-E-8-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-394V7-8N | Lab Sample ID: 460-42971-8

Matrix: Solid | Lab File ID: WR705163.D

Analysis Method: 8081A | Date Collected: 07/31/2012 10:10

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 16:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 27.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.0	U	9.2	2.0
319-84-6	alpha-BHC	1.7	U	9.2	1.7
319-85-7	beta-BHC	1.3	U	9.2	1.3
319-86-8	delta-BHC	1.4	U	9.2	1.4
58-89-9	gamma-BHC (Lindane)	1.1	U	9.2	1.1
57-74-9	Chlordane	20	U	92	20
72-54-8	4,4'-DDD	7.1	J	9.2	1.1
72-55-9	4,4'-DDE	2.2	J	9.2	1.8
50-29-3	4,4'-DDT	1.2	U	9.2	1.2
60-57-1	Dieldrin	1.8	U	9.2	1.8
959-98-8	Endosulfan I	1.9	U	9.2	1.9
33213-65-9	Endosulfan II	1.4	U	9.2	1.4
1031-07-8	Endosulfan sulfate	1.2	U *	9.2	1.2
72-20-8	Endrin	1.3	U	9.2	1.3
7421-93-4	Endrin aldehyde	2.3	U	9.2	2.3
53494-70-5	Endrin ketone	8.9	J	9.2	1.4
76-44-8	Heptachlor	1.3	U	9.2	1.3
1024-57-3	Heptachlor epoxide	1.9	U	9.2	1.9
72-43-5	Methoxychlor	1.0	U	9.2	1.0
8001-35-2	Toxaphene	19	U	92	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		40-150
2051-24-3	DCB Decachlorobiphenyl	105		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705163.D
Lab Smp Id: 460-42971-E-8-A Client Smp ID: 20120731SB-394V7-8N
Inj Date : 06-AUG-2012 16:15
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-8-A
Misc Info : 460-42971-E-8-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:55 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	27.29045	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	194429	46.6034	43	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.090	6.090	0.000	9705	2.41460	2.2	80.00- 120.00	100.00(M)
7 4,4'-DDD					CAS #: 72-54-8		
6.793	6.790	0.003	25080	7.76492	7.1	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.150	8.170	-0.020	31104	9.70947	8.9	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	149931	52.5592	48	80.00- 120.00	100.00

QC Flag Legend

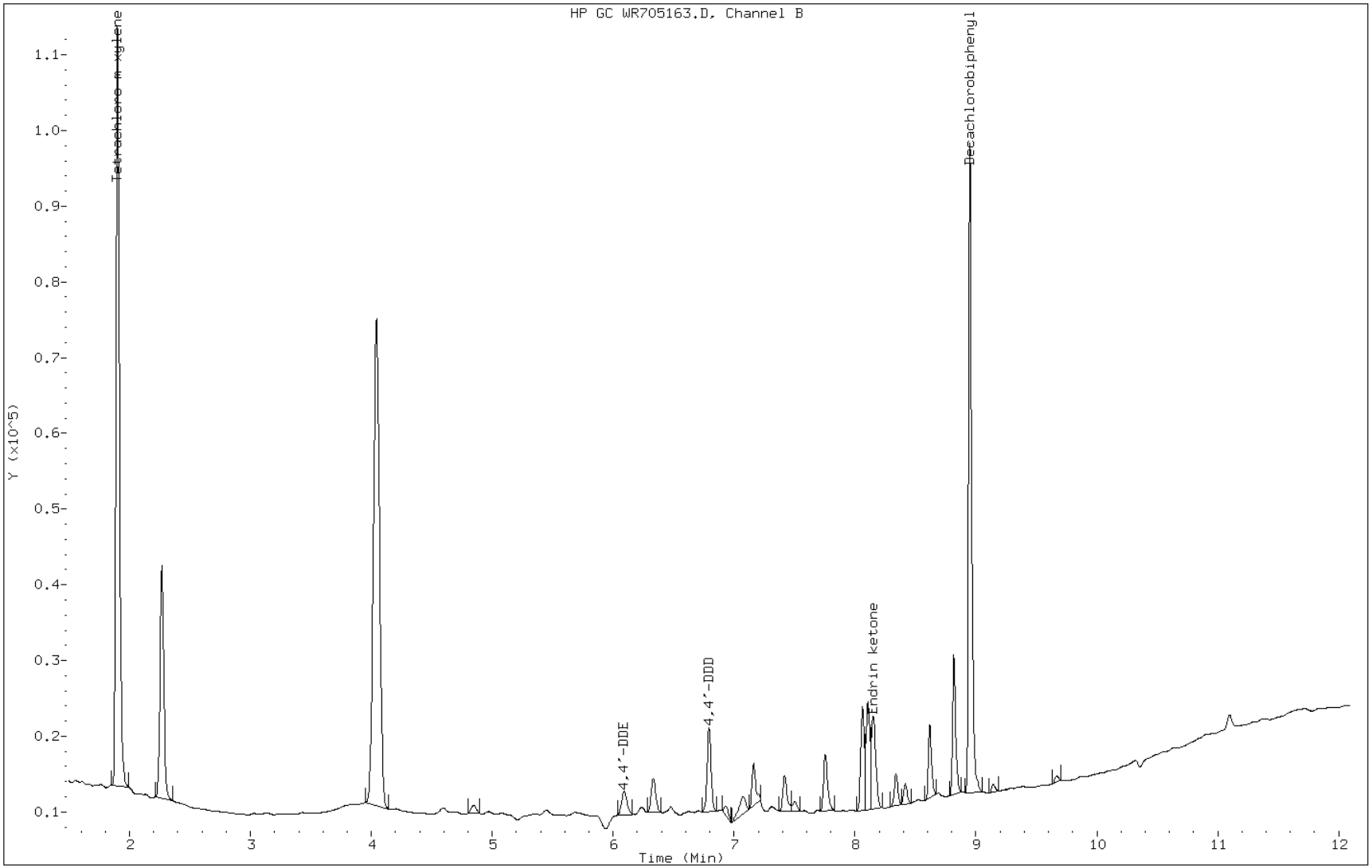
M - Compound response manually integrated.

Data File: WR705163.D

Date: 06-AUG-2012 16:15

Client ID: 20120731SB-394V7-8N Instrument: PESTGC4.i

Sample Info: 460-42971-E-8-A Operator:



Manual Integration Report

Data File: WR705163.D
Inj. Date and Time: 06-AUG-2012 16:15
Instrument ID: PESTGC4.i
Client ID: 20120731SB-394V7-8N
Compound: 8 4,4'-DDE
CAS #: 72-55-9
Report Date: 08/09/2012

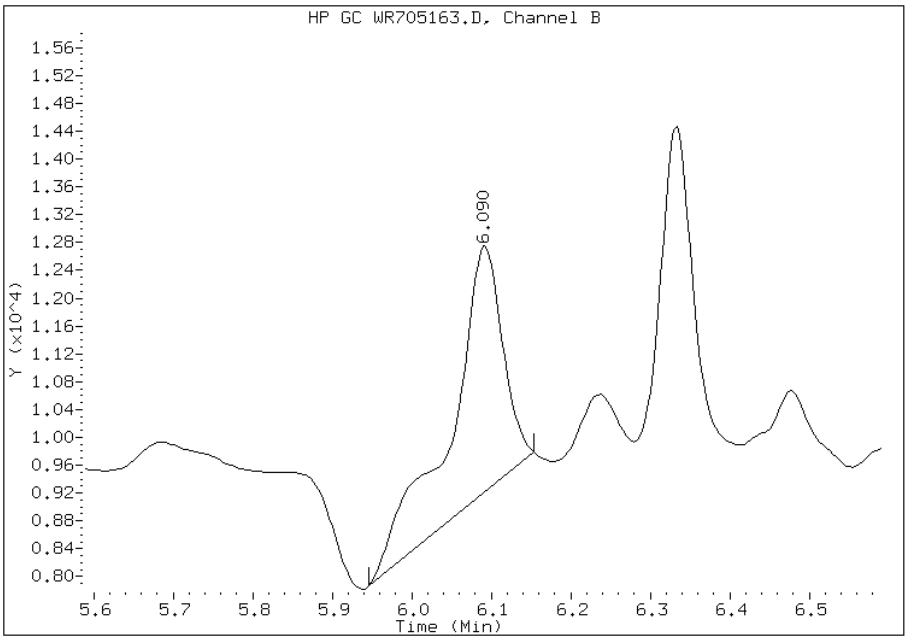
Processing Integration Results

RT: 6.09

Response: 15960

Amount: 3.97

Conc: 3.64



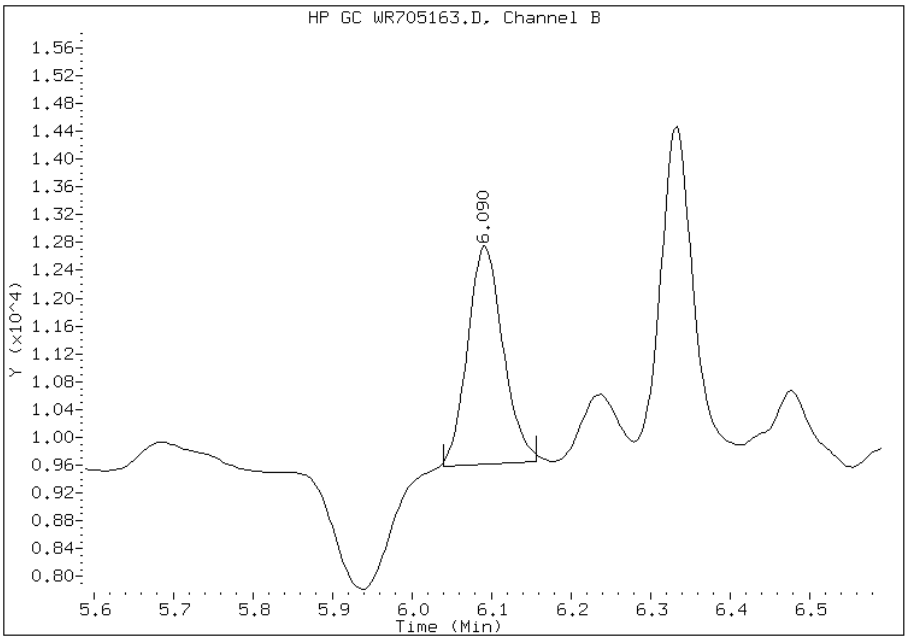
Manual Integration Results

RT: 6.09

Response: 9705

Amount: 2.41

Conc: 2.21



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V0-2N | Lab Sample ID: 460-42971-9

Matrix: Solid | Lab File ID: WF705164.D

Analysis Method: 8081A | Date Collected: 07/31/2012 10:35

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.01(g) | Date Analyzed: 08/06/2012 16:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
7421-93-4	Endrin aldehyde	2.7	J	7.2	1.8
53494-70-5	Endrin ketone	4.9	J p	7.2	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		40-150
2051-24-3	DCB Decachlorobiphenyl	99		53-150

Data File: WF705164.D
Report Date: 09-Aug-2012 16:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705164.D
Lab Smp Id: 460-42971-E-9-A Client Smp ID: 20120731SB-393V0-2N
Inj Date : 06-AUG-2012 16:29
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-9-A
Misc Info : 460-42971-E-9-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 06:51 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	7.52688	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.387	2.387	0.000	202654	48.2467	35	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	176429	48.4276	35	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.790	7.797	-0.007	27743	9.50034	6.8	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.160	8.160	0.000	95199	31.7819	23	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.257	8.310	-0.053	8630	3.72108	2.7	80.00- 120.00	100.00

Data File: WF705164.D
Report Date: 09-Aug-2012 16:01

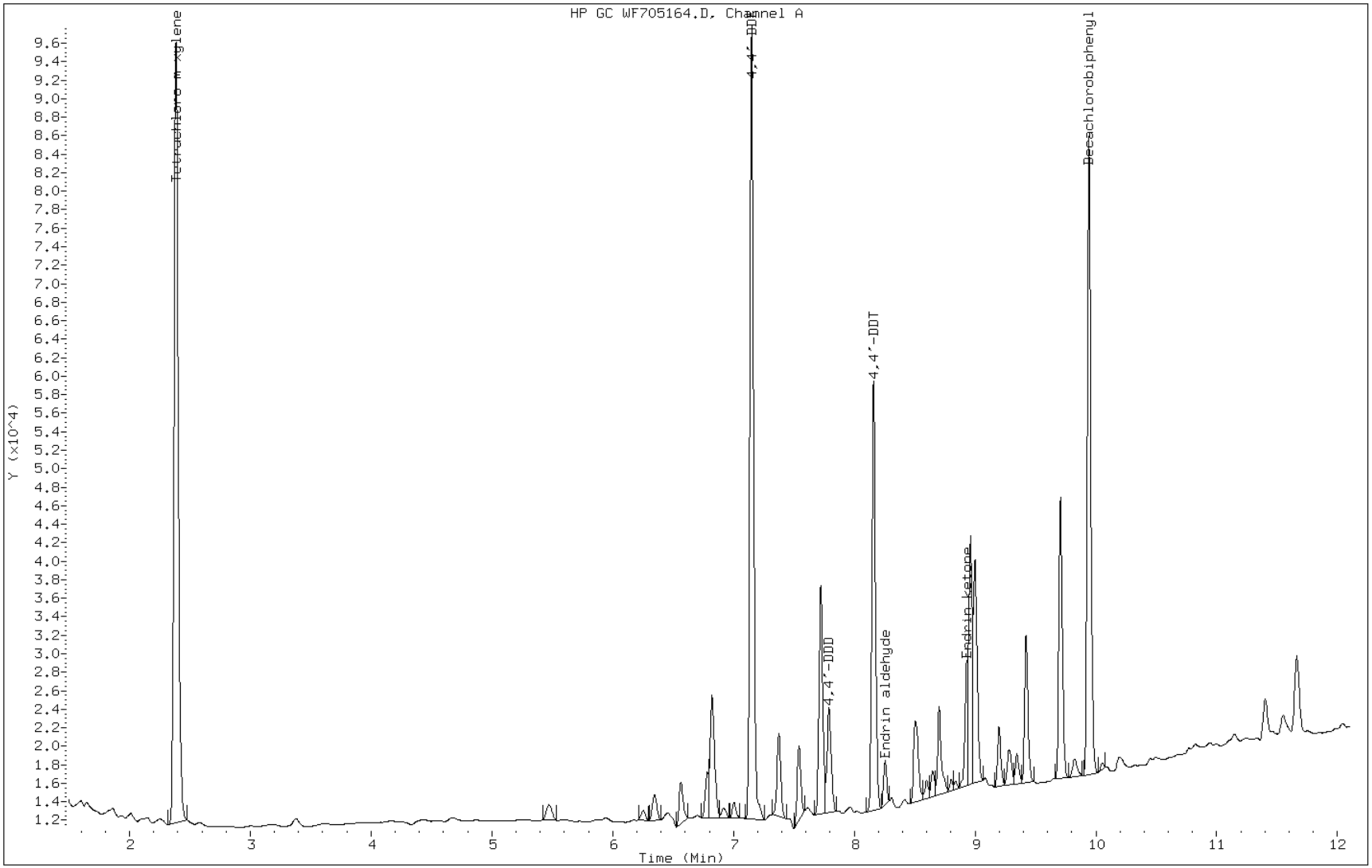
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
8.930	8.943	-0.013	19100	6.76562	4.9	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.943	9.943	0.000	139472	49.7440	36	80.00- 120.00	100.00

Data File: WF705164.D

Date: 06-AUG-2012 16:29

Client ID: 20120731SB-393V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-9-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V0-2N | Lab Sample ID: 460-42971-9

Matrix: Solid | Lab File ID: WR705164.D

Analysis Method: 8081A | Date Collected: 07/31/2012 10:35

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.01(g) | Date Analyzed: 08/06/2012 16:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.2	1.6
319-84-6	alpha-BHC	1.3	U	7.2	1.3
319-85-7	beta-BHC	0.98	U	7.2	0.98
319-86-8	delta-BHC	1.1	U	7.2	1.1
58-89-9	gamma-BHC (Lindane)	0.84	U	7.2	0.84
57-74-9	Chlordane	16	U	72	16
72-54-8	4,4'-DDD	2.8	J p	7.2	0.86
72-55-9	4,4'-DDE	38		7.2	1.4
50-29-3	4,4'-DDT	26		7.2	0.91
60-57-1	Dieldrin	1.4	U	7.2	1.4
959-98-8	Endosulfan I	1.5	U	7.2	1.5
33213-65-9	Endosulfan II	1.1	U	7.2	1.1
1031-07-8	Endosulfan sulfate	0.93	U *	7.2	0.93
72-20-8	Endrin	1.0	U	7.2	1.0
76-44-8	Heptachlor	1.0	U	7.2	1.0
1024-57-3	Heptachlor epoxide	1.5	U	7.2	1.5
72-43-5	Methoxychlor	0.81	U	7.2	0.81
8001-35-2	Toxaphene	15	U	72	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92		40-150
2051-24-3	DCB Decachlorobiphenyl	108		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705164.D
Lab Smp Id: 460-42971-E-9-A Client Smp ID: 20120731SB-393V0-2N
Inj Date : 06-AUG-2012 16:29
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-9-A
Misc Info : 460-42971-E-9-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 06-Aug-2012 12:25 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	7.52688	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	192074	46.0389	33	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.090	6.090	0.000	209474	52.1128	38	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.793	6.790	0.003	12368	3.82921	2.8	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.073	7.073	0.000	115575	35.7003	26	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.417	7.387	0.030	9298	3.45721	2.5	80.00- 120.00	100.00

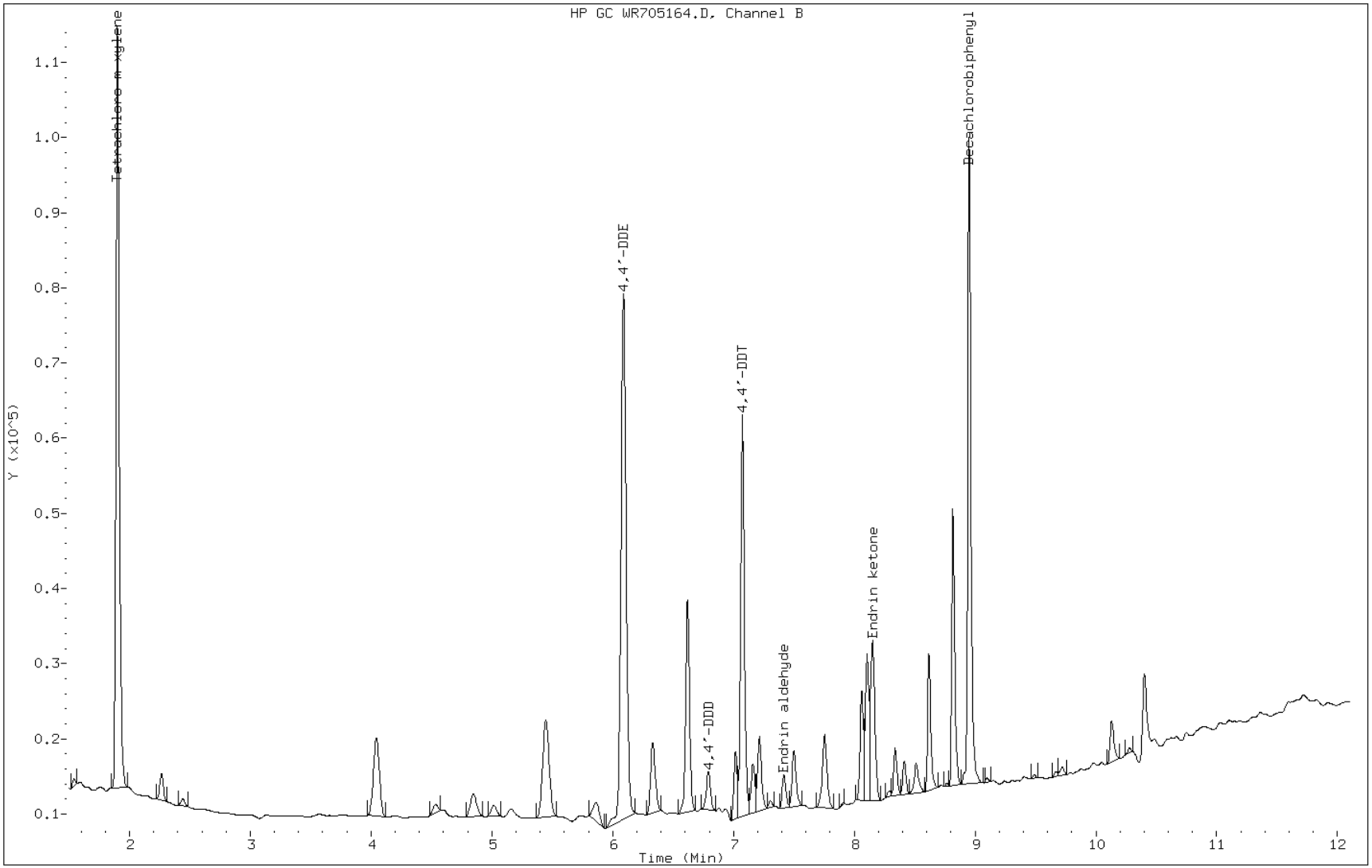
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
8.150	8.170	-0.020	53843	16.8077	12	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	153886	53.9456	39	80.00- 120.00	100.00

Data File: WR705164.D

Date: 06-AUG-2012 16:29

Client ID: 20120731SB-393V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-9-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V7-8N | Lab Sample ID: 460-42971-10

Matrix: Solid | Lab File ID: WF705165.D

Analysis Method: 8081A | Date Collected: 07/31/2012 10:40

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.03(g) | Date Analyzed: 08/06/2012 16:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

Data File: WF705165.D
Report Date: 09-Aug-2012 16:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705165.D
Lab Smp Id: 460-42971-E-10-A Client Smp ID: 20120731SB-393V7-8N
Inj Date : 06-AUG-2012 16:43
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-10-A
Misc Info : 460-42971-E-10-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 06:51 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	15.92262	% Moisture

Cpnd Variable Local Compound Variable

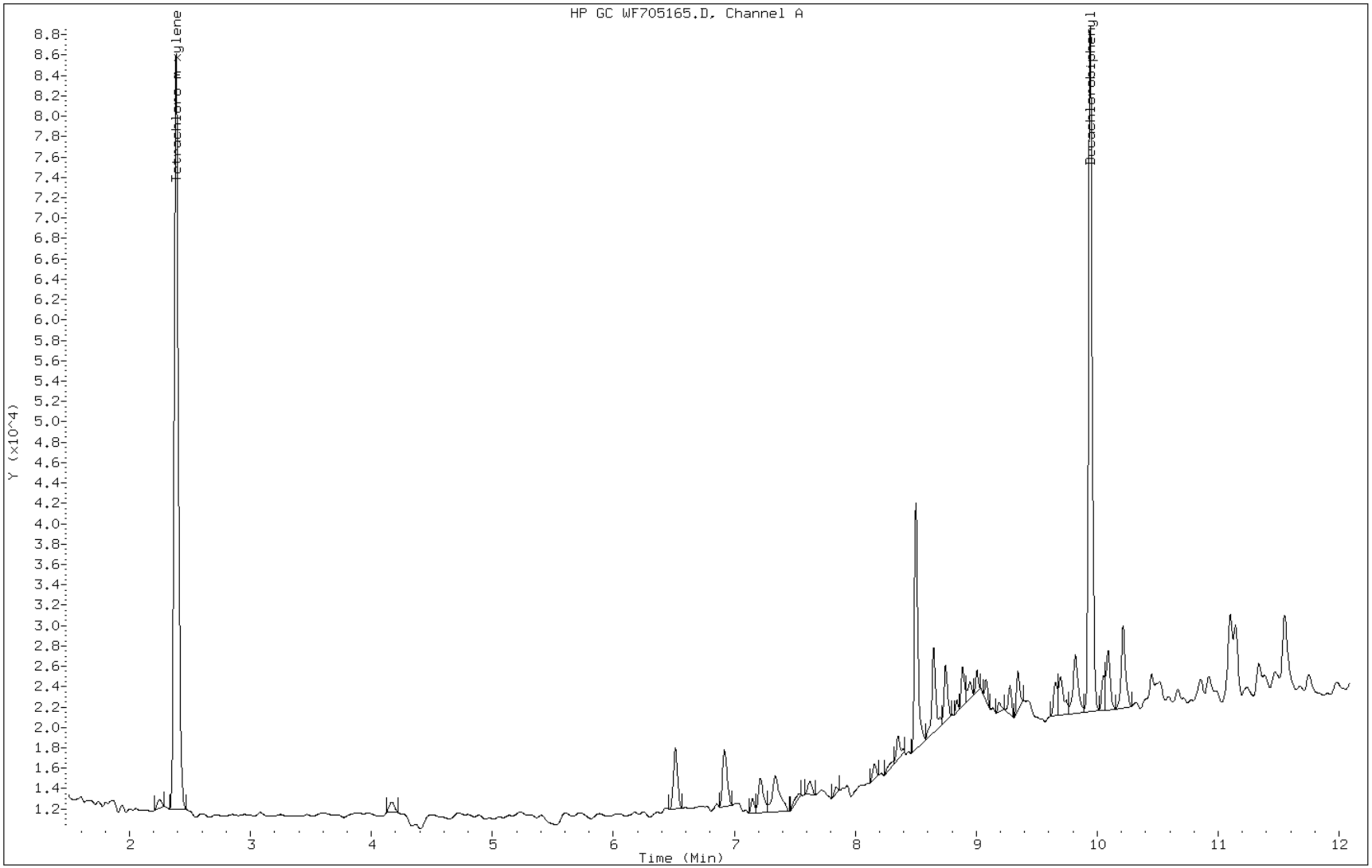
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.387	2.387	0.000	179418	42.7148	34	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.943	9.943	0.000	137700	49.1120	39	80.00- 120.00	100.00

Data File: WF705165.D

Date: 06-AUG-2012 16:43

Client ID: 20120731SB-393V7-8N Instrument: PESTGC4.i

Sample Info: 460-42971-E-10-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-393V7-8N | Lab Sample ID: 460-42971-10

Matrix: Solid | Lab File ID: WR705165.D

Analysis Method: 8081A | Date Collected: 07/31/2012 10:40

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.03(g) | Date Analyzed: 08/06/2012 16:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	8.0	1.7
319-84-6	alpha-BHC	1.5	U	8.0	1.5
319-85-7	beta-BHC	1.1	U	8.0	1.1
319-86-8	delta-BHC	1.2	U	8.0	1.2
58-89-9	gamma-BHC (Lindane)	0.93	U	8.0	0.93
57-74-9	Chlordane	17	U	80	17
72-54-8	4,4'-DDD	0.95	U	8.0	0.95
72-55-9	4,4'-DDE	1.5	U	8.0	1.5
50-29-3	4,4'-DDT	1.0	U	8.0	1.0
60-57-1	Dieldrin	1.5	U	8.0	1.5
959-98-8	Endosulfan I	1.7	U	8.0	1.7
33213-65-9	Endosulfan II	1.2	U	8.0	1.2
1031-07-8	Endosulfan sulfate	1.0	U *	8.0	1.0
72-20-8	Endrin	1.1	U	8.0	1.1
7421-93-4	Endrin aldehyde	2.0	U	8.0	2.0
53494-70-5	Endrin ketone	1.2	U	8.0	1.2
76-44-8	Heptachlor	1.1	U	8.0	1.1
1024-57-3	Heptachlor epoxide	1.6	U	8.0	1.6
72-43-5	Methoxychlor	0.89	U	8.0	0.89
8001-35-2	Toxaphene	17	U	80	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705165.D
Lab Smp Id: 460-42971-E-10-A Client Smp ID: 20120731SB-393V7-8N
Inj Date : 06-AUG-2012 16:43
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-10-A
Misc Info : 460-42971-E-10-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 06-Aug-2012 12:25 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	15.92262	% Moisture

Cpnd Variable Local Compound Variable

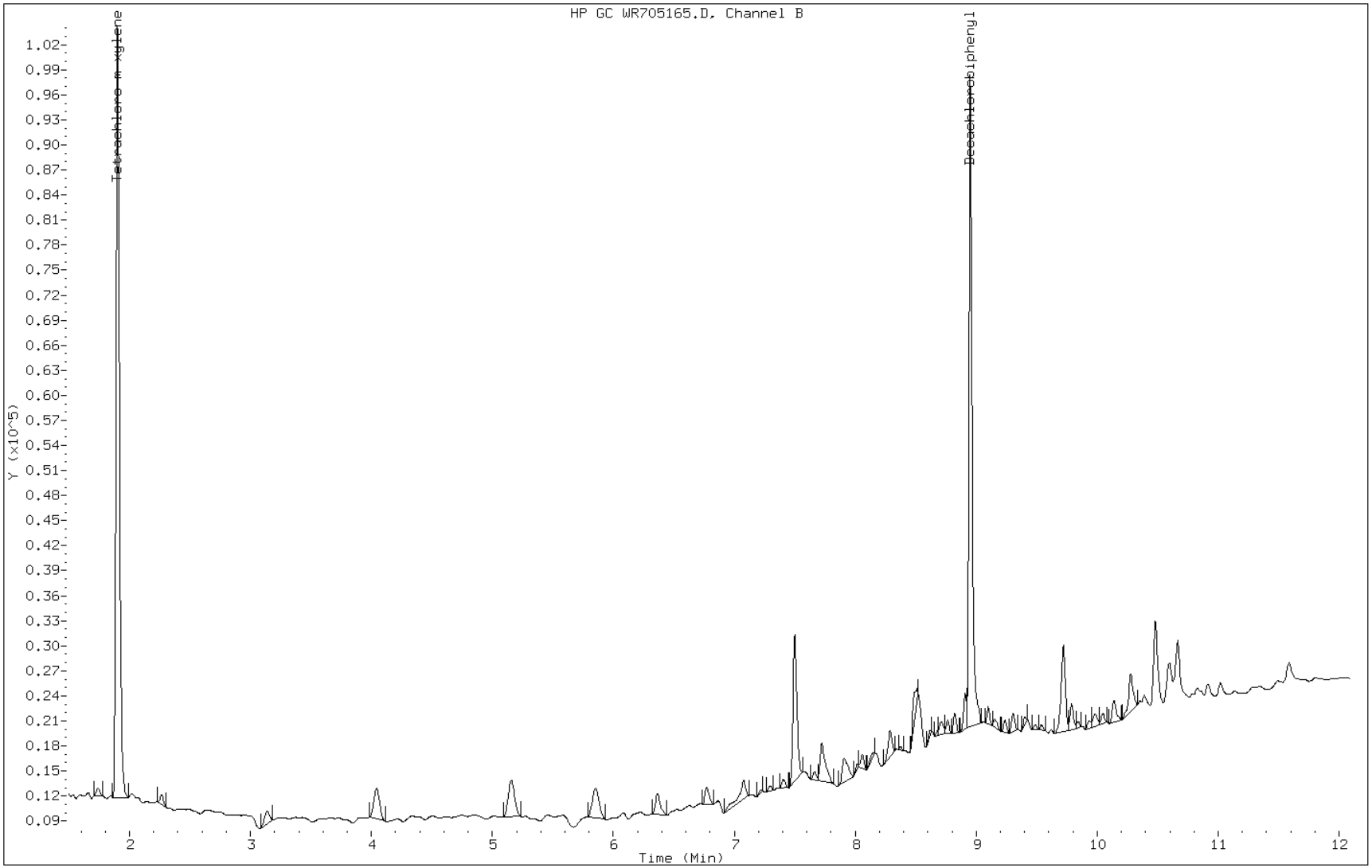
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	177598	42.5691	34	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	140409	49.2212	39	80.00- 120.00	100.00

Data File: WR705165.D

Date: 06-AUG-2012 16:43

Client ID: 20120731SB-393V7-8N Instrument: PESTGC4.i

Sample Info: 460-42971-E-10-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V0-2N | Lab Sample ID: 460-42971-11

Matrix: Solid | Lab File ID: WF705166.D

Analysis Method: 8081A | Date Collected: 07/31/2012 11:00

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.02(g) | Date Analyzed: 08/06/2012 16:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

Data File: WF705166.D
Report Date: 09-Aug-2012 16:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705166.D
Lab Smp Id: 460-42971-E-11-A Client Smp ID: 20120731SB-392V0-2N
Inj Date : 06-AUG-2012 16:57
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-11-A
Misc Info : 460-42971-E-11-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 06:51 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	15.79961	% Moisture

Cpnd Variable Local Compound Variable

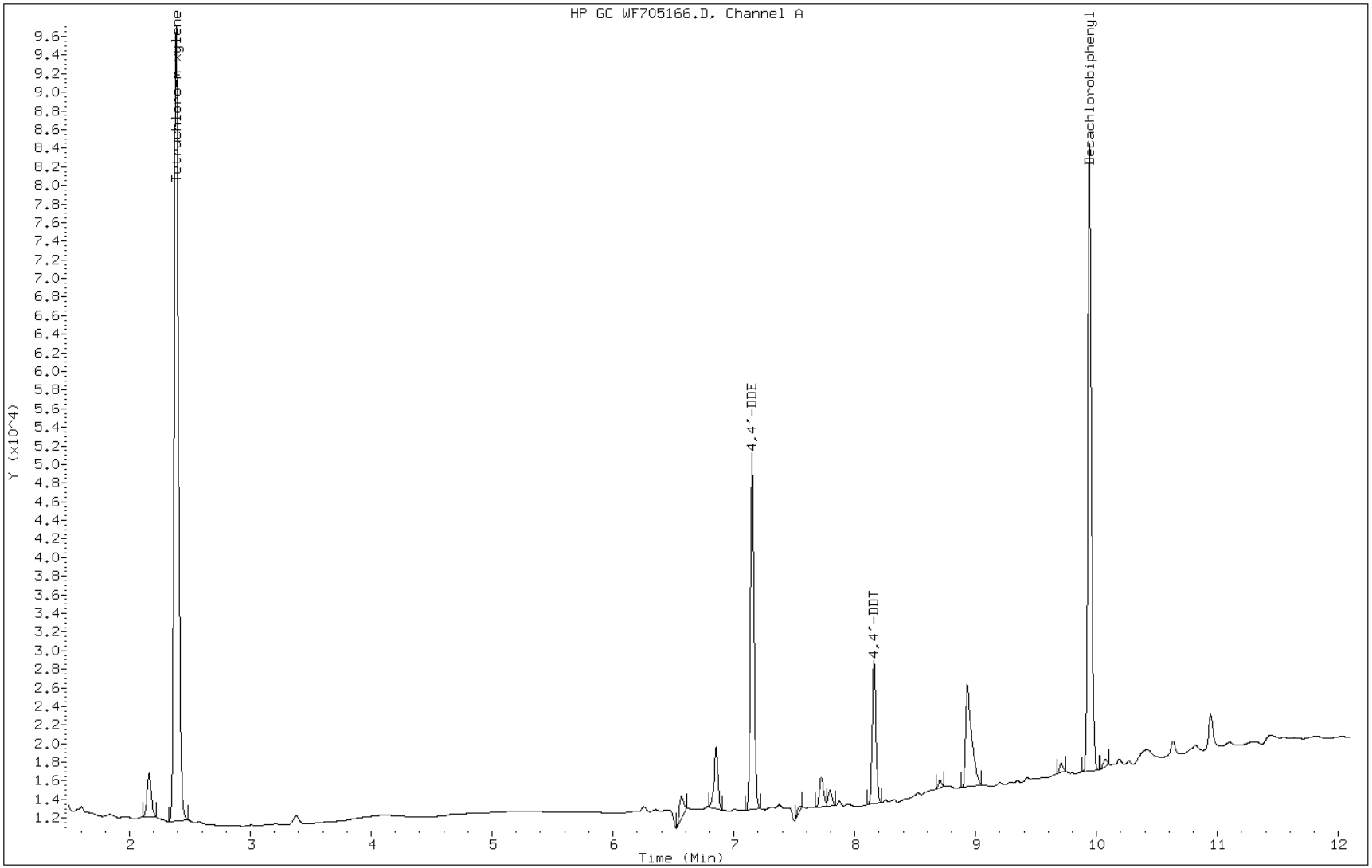
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.387	2.387	0.000	206906	49.2590	39	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	79834	21.9134	17	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.160	8.160	0.000	32610	10.8868	8.6	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.940	9.943	-0.003	137320	48.9765	39	80.00- 120.00	100.00

Data File: WF705166.D

Date: 06-AUG-2012 16:57

Client ID: 20120731SB-392V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-11-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V0-2N | Lab Sample ID: 460-42971-11

Matrix: Solid | Lab File ID: WR705166.D

Analysis Method: 8081A | Date Collected: 07/31/2012 11:00

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.02(g) | Date Analyzed: 08/06/2012 16:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.9	1.7
319-84-6	alpha-BHC	1.5	U	7.9	1.5
319-85-7	beta-BHC	1.1	U	7.9	1.1
319-86-8	delta-BHC	1.2	U	7.9	1.2
58-89-9	gamma-BHC (Lindane)	0.93	U	7.9	0.93
57-74-9	Chlordane	17	U	79	17
72-54-8	4,4'-DDD	0.95	U	7.9	0.95
72-55-9	4,4'-DDE	20		7.9	1.5
50-29-3	4,4'-DDT	11		7.9	1.0
60-57-1	Dieldrin	1.5	U	7.9	1.5
959-98-8	Endosulfan I	1.7	U	7.9	1.7
33213-65-9	Endosulfan II	1.2	U	7.9	1.2
1031-07-8	Endosulfan sulfate	1.0	U *	7.9	1.0
72-20-8	Endrin	1.1	U	7.9	1.1
7421-93-4	Endrin aldehyde	2.0	U	7.9	2.0
53494-70-5	Endrin ketone	1.2	U	7.9	1.2
76-44-8	Heptachlor	1.1	U	7.9	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.9	1.6
72-43-5	Methoxychlor	0.89	U	7.9	0.89
8001-35-2	Toxaphene	17	U	79	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		40-150
2051-24-3	DCB Decachlorobiphenyl	105		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705166.D
Lab Smp Id: 460-42971-E-11-A Client Smp ID: 20120731SB-392V0-2N
Inj Date : 06-AUG-2012 16:57
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-11-A
Misc Info : 460-42971-E-11-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 06-Aug-2012 12:25 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	15.79961	% Moisture

Cpnd Variable Local Compound Variable

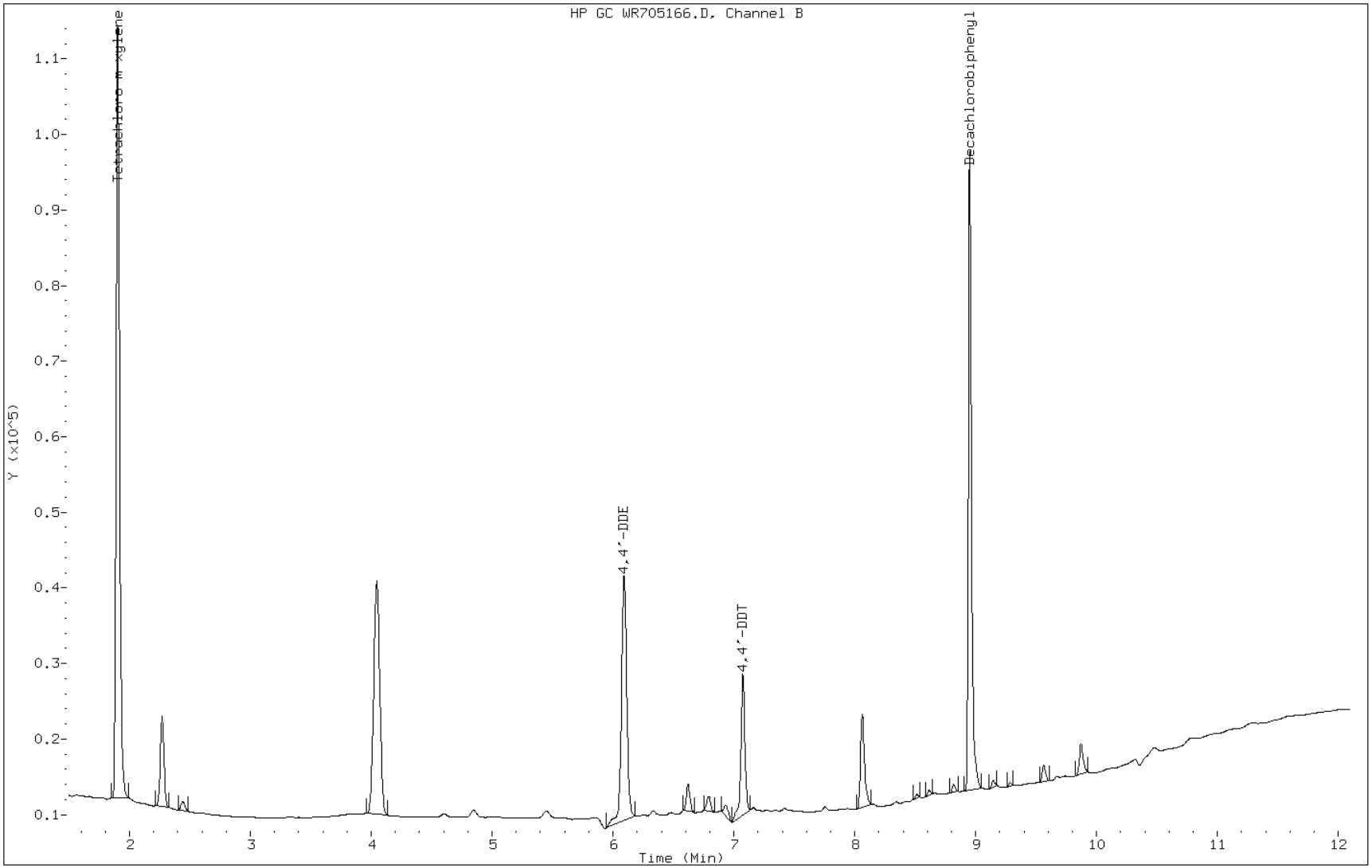
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.903	1.900	0.003	198812	47.6540	38	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.090	6.090	0.000	99979	24.8727	20	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.073	7.073	0.000	43406	13.4078	11	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	149420	52.3800	41	80.00- 120.00	100.00

Data File: WR705166.D

Date: 06-AUG-2012 16:57

Client ID: 20120731SB-392V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-11-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V7-8N | Lab Sample ID: 460-42971-12

Matrix: Solid | Lab File ID: WF705167.D

Analysis Method: 8081A | Date Collected: 07/31/2012 11:05

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 17:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 30.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		40-150
2051-24-3	DCB Decachlorobiphenyl	103		53-150

Data File: WF705167.D
Report Date: 07-Aug-2012 08:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705167.D
Lab Smp Id: 460-42971-E-12-A Client Smp ID: 20120731SB-392V7-8N
Inj Date : 06-AUG-2012 17:10
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-12-A
Misc Info : 460-42971-E-12-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:46 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WF704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	30.18109	% Moisture

Cpnd Variable Local Compound Variable

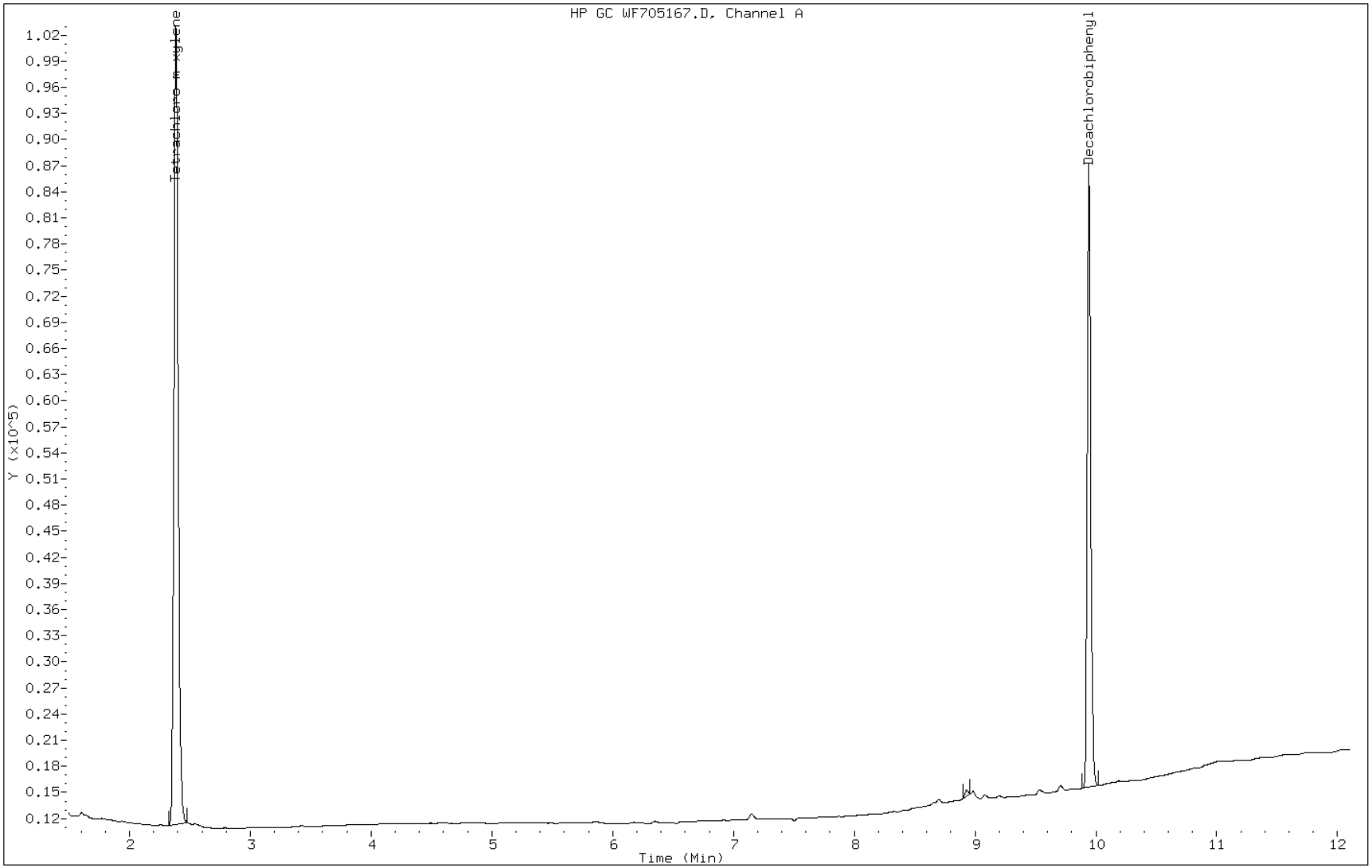
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.387	-0.004	221408	52.7116	50	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.940	9.943	-0.003	144770	51.6339	49	80.00- 120.00	100.00

Data File: WF705167.D

Date: 06-AUG-2012 17:10

Client ID: 20120731SB-392V7-8N Instrument: PESTGC4.i

Sample Info: 460-42971-E-12-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-392V7-8N | Lab Sample ID: 460-42971-12

Matrix: Solid | Lab File ID: WR705167.D

Analysis Method: 8081A | Date Collected: 07/31/2012 11:05

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 17:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 30.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.1	U	9.6	2.1
319-84-6	alpha-BHC	1.8	U	9.6	1.8
319-85-7	beta-BHC	1.3	U	9.6	1.3
319-86-8	delta-BHC	1.5	U	9.6	1.5
58-89-9	gamma-BHC (Lindane)	1.1	U	9.6	1.1
57-74-9	Chlordane	21	U	96	21
72-54-8	4,4'-DDD	1.1	U	9.6	1.1
72-55-9	4,4'-DDE	1.9	U	9.6	1.9
50-29-3	4,4'-DDT	1.2	U	9.6	1.2
60-57-1	Dieldrin	1.8	U	9.6	1.8
959-98-8	Endosulfan I	2.0	U	9.6	2.0
33213-65-9	Endosulfan II	1.4	U	9.6	1.4
1031-07-8	Endosulfan sulfate	1.2	U *	9.6	1.2
72-20-8	Endrin	1.3	U	9.6	1.3
7421-93-4	Endrin aldehyde	2.4	U	9.6	2.4
53494-70-5	Endrin ketone	1.4	U	9.6	1.4
76-44-8	Heptachlor	1.4	U	9.6	1.4
1024-57-3	Heptachlor epoxide	1.9	U	9.6	1.9
72-43-5	Methoxychlor	1.1	U	9.6	1.1
8001-35-2	Toxaphene	20	U	96	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		40-150
2051-24-3	DCB Decachlorobiphenyl	110		53-150

Data File: WR705167.D
Report Date: 07-Aug-2012 08:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705167.D
Lab Smp Id: 460-42971-E-12-A Client Smp ID: 20120731SB-392V7-8N
Inj Date : 06-AUG-2012 17:10
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-12-A
Misc Info : 460-42971-E-12-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	30.18109	% Moisture

Cpnd Variable Local Compound Variable

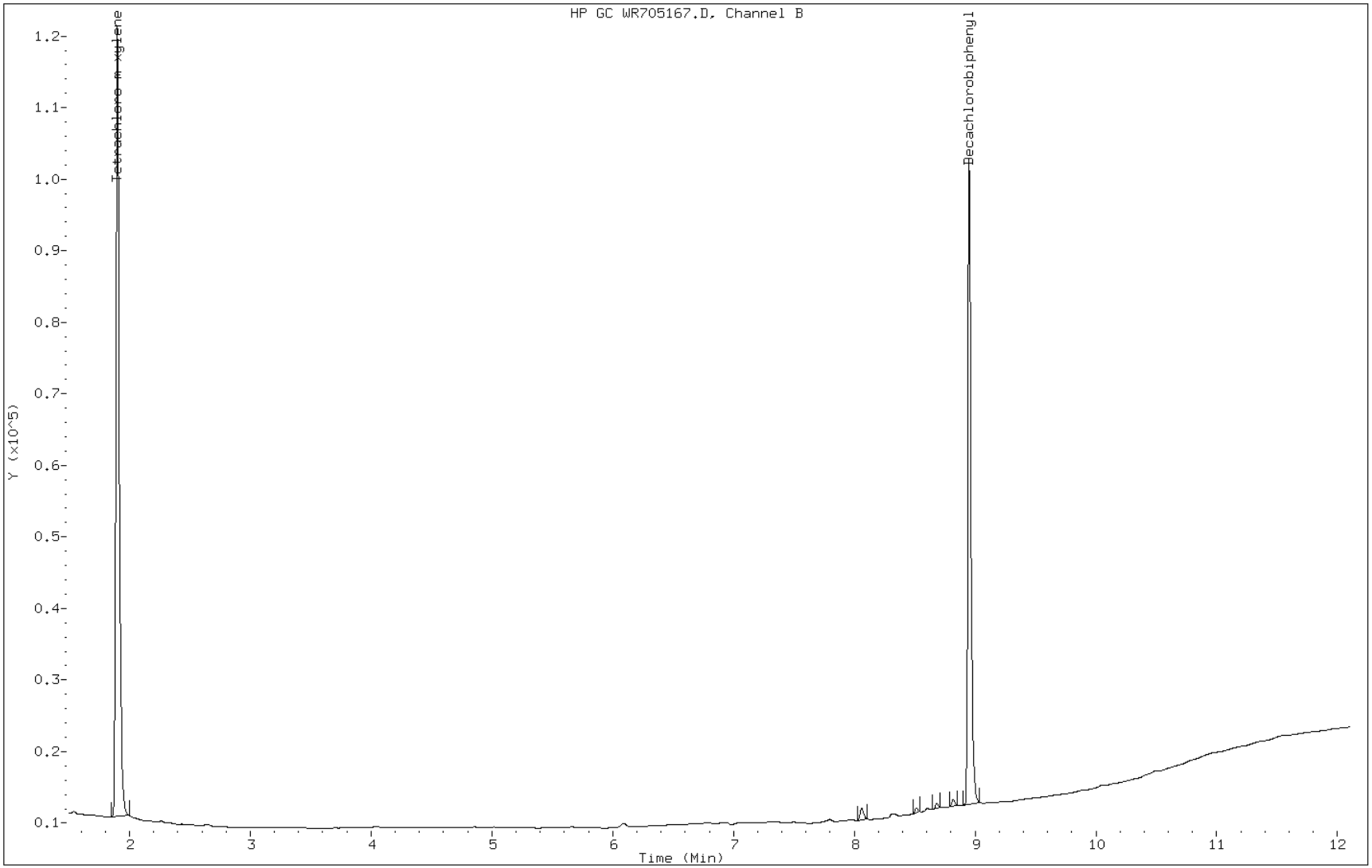
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	213152	51.0913	49	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	156518	54.8683	52	80.00- 120.00	100.00

Data File: WR705167.D

Date: 06-AUG-2012 17:10

Client ID: 20120731SB-392V7-8N Instrument: PESTGC4.i

Sample Info: 460-42971-E-12-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V0-2N | Lab Sample ID: 460-42971-13

Matrix: Solid | Lab File ID: WF705168.D

Analysis Method: 8081A | Date Collected: 07/31/2012 12:30

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 17:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		40-150
2051-24-3	DCB Decachlorobiphenyl	104		53-150

Data File: WF705168.D
Report Date: 09-Aug-2012 16:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705168.D
Lab Smp Id: 460-42971-E-13-A Client Smp ID: 20120731SB-387V0-2N
Inj Date : 06-AUG-2012 17:25
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-13-A
Misc Info : 460-42971-E-13-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 06:51 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	11.97605	% Moisture

Cpnd Variable Local Compound Variable

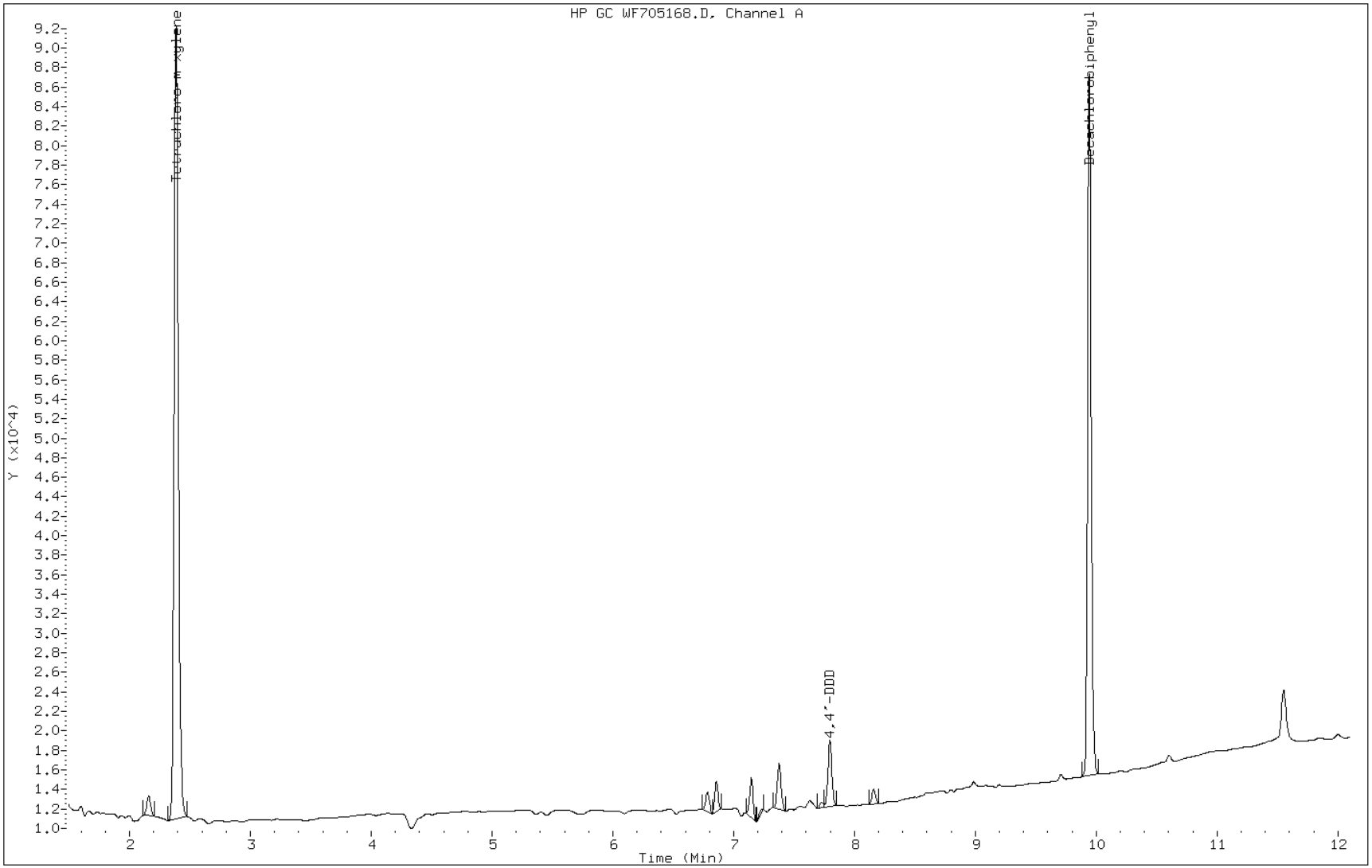
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.387	2.387	0.000	199532	47.5034	36	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.797	7.797	0.000	14876	5.09415	3.8	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.943	9.943	0.000	146197	52.1425	39	80.00- 120.00	100.00

Data File: WF705168.D

Date: 06-AUG-2012 17:25

Client ID: 20120731SB-387V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-13-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V0-2N | Lab Sample ID: 460-42971-13

Matrix: Solid | Lab File ID: WR705168.D

Analysis Method: 8081A | Date Collected: 07/31/2012 12:30

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 17:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.6	1.7
319-84-6	alpha-BHC	1.4	U	7.6	1.4
319-85-7	beta-BHC	1.0	U	7.6	1.0
319-86-8	delta-BHC	1.2	U	7.6	1.2
58-89-9	gamma-BHC (Lindane)	0.89	U	7.6	0.89
57-74-9	Chlordane	16	U	76	16
72-54-8	4,4'-DDD	4.0	J	7.6	0.91
72-55-9	4,4'-DDE	1.5	U	7.6	1.5
50-29-3	4,4'-DDT	0.95	U	7.6	0.95
60-57-1	Dieldrin	1.5	U	7.6	1.5
959-98-8	Endosulfan I	1.6	U	7.6	1.6
33213-65-9	Endosulfan II	1.1	U	7.6	1.1
1031-07-8	Endosulfan sulfate	0.98	U *	7.6	0.98
72-20-8	Endrin	1.1	U	7.6	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.6	1.9
53494-70-5	Endrin ketone	1.1	U	7.6	1.1
76-44-8	Heptachlor	1.1	U	7.6	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.6	1.5
72-43-5	Methoxychlor	0.85	U	7.6	0.85
8001-35-2	Toxaphene	16	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		40-150
2051-24-3	DCB Decachlorobiphenyl	109		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705168.D
Lab Smp Id: 460-42971-E-13-A Client Smp ID: 20120731SB-387V0-2N
Inj Date : 06-AUG-2012 17:25
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-13-A
Misc Info : 460-42971-E-13-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 06-Aug-2012 12:25 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	11.97605	% Moisture

Cpnd Variable Local Compound Variable

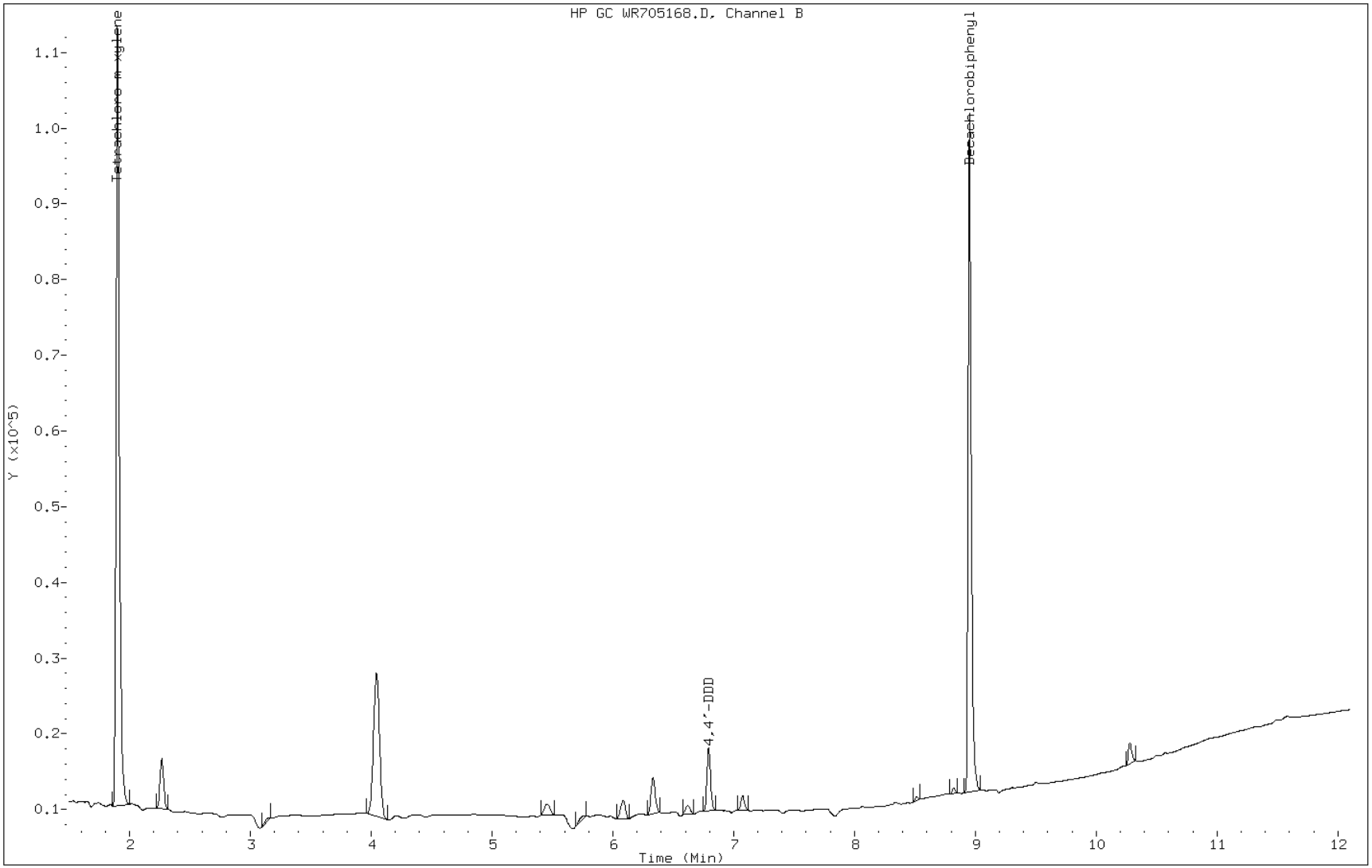
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	197245	47.2784	36	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.793	6.790	0.003	17224	5.33266	4.0	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	156003	54.6877	41	80.00- 120.00	100.00

Data File: WR705168.D

Date: 06-AUG-2012 17:25

Client ID: 20120731SB-387V0-2N Instrument: PESTGC4.i

Sample Info: 460-42971-E-13-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID: 20120731SB-387V3-4N
Lab Sample ID: 460-42971-14
Matrix: Solid
Lab File ID: WF705169.D
Analysis Method: 8081A
Date Collected: 07/31/2012 12:35
Extraction Method: 3541
Date Extracted: 08/02/2012 07:13
Sample wt/vol: 15.04(g)
Date Analyzed: 08/06/2012 17:38
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 14.5
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123327
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	140		7.8	0.93
50-29-3	4,4'-DDT	9.8		7.8	0.98

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

Data File: WF705169.D
Report Date: 09-Aug-2012 16:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705169.D
Lab Smp Id: 460-42971-E-14-A Client Smp ID: 20120731SB-387V3-4N
Inj Date : 06-AUG-2012 17:38
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-14-A
Misc Info : 460-42971-E-14-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 06:51 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	14.47368	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.387	-0.004	210161	50.0339	39	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.853	6.837	0.016	30686	8.15451	6.3	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.153	7.150	0.003	43431	11.9213	9.3	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.797	7.797	0.000	510925	174.962	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.160	8.160	0.000	37619	12.5590	9.8	80.00- 120.00	100.00

Data File: WF705169.D
Report Date: 09-Aug-2012 16:05

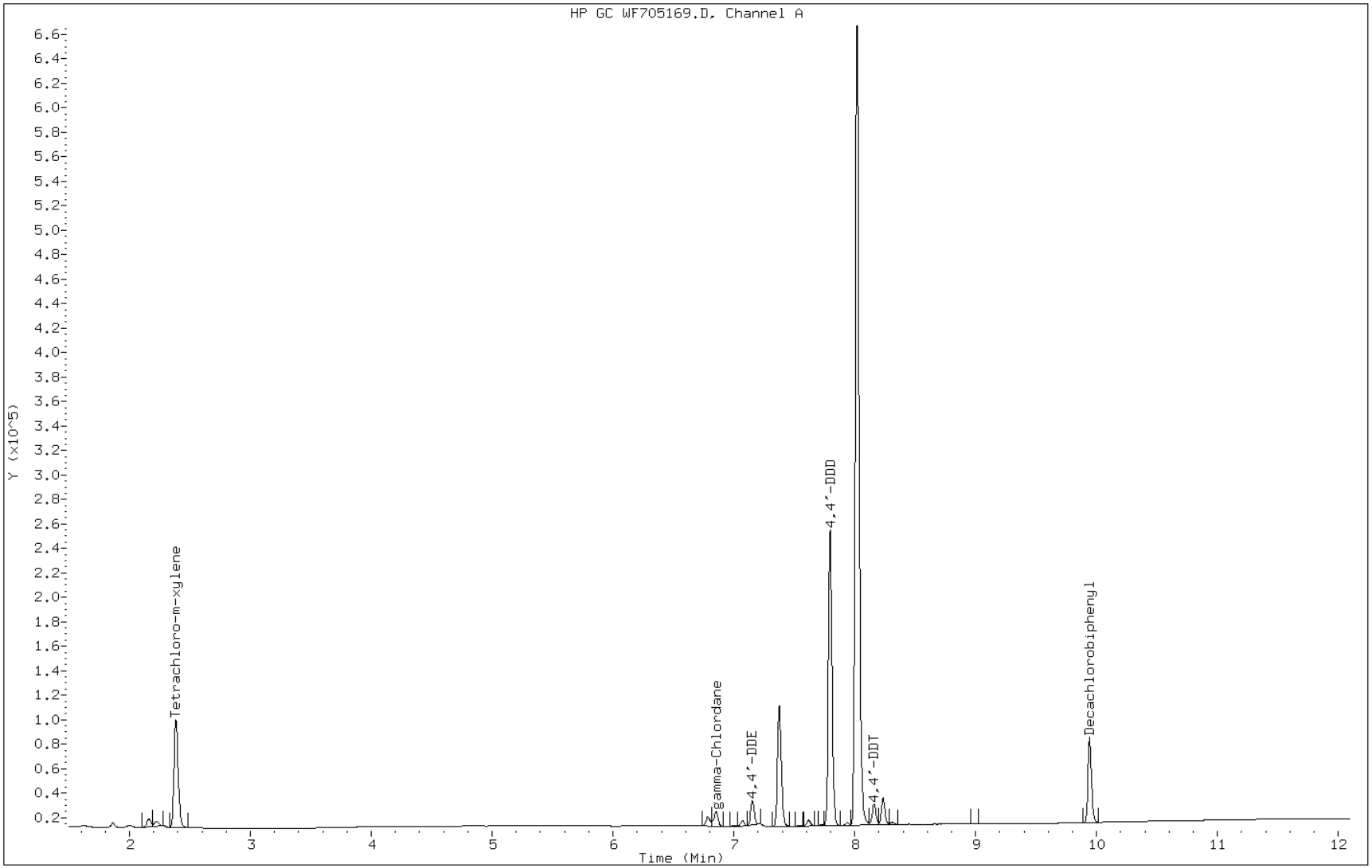
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.943	9.943	0.000	141600	50.5030	39	80.00- 120.00	100.00

Data File: WF705169.D

Date: 06-AUG-2012 17:38

Client ID: 20120731SB-387V3-4N Instrument: PESTGC4.i

Sample Info: 460-42971-E-14-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-387V3-4N | Lab Sample ID: 460-42971-14

Matrix: Solid | Lab File ID: WR705169.D

Analysis Method: 8081A | Date Collected: 07/31/2012 12:35

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.04(g) | Date Analyzed: 08/06/2012 17:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.8	1.7
319-84-6	alpha-BHC	1.4	U	7.8	1.4
319-85-7	beta-BHC	1.1	U	7.8	1.1
319-86-8	delta-BHC	1.2	U	7.8	1.2
58-89-9	gamma-BHC (Lindane)	0.91	U	7.8	0.91
57-74-9	Chlordane	17	U	78	17
72-55-9	4,4'-DDE	10		7.8	1.5
60-57-1	Dieldrin	1.5	U	7.8	1.5
959-98-8	Endosulfan I	1.6	U	7.8	1.6
33213-65-9	Endosulfan II	1.2	U	7.8	1.2
1031-07-8	Endosulfan sulfate	1.0	U *	7.8	1.0
72-20-8	Endrin	1.1	U	7.8	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.8	1.9
53494-70-5	Endrin ketone	1.2	U	7.8	1.2
76-44-8	Heptachlor	1.1	U	7.8	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.8	1.6
72-43-5	Methoxychlor	0.87	U	7.8	0.87
8001-35-2	Toxaphene	16	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		40-150
2051-24-3	DCB Decachlorobiphenyl	107		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705169.D
Lab Smp Id: 460-42971-E-14-A Client Smp ID: 20120731SB-387V3-4N
Inj Date : 06-AUG-2012 17:38
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-14-A
Misc Info : 460-42971-E-14-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 06-Aug-2012 12:25 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	14.47368	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	204825	49.0953	38	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.737	5.703	0.034	13454	2.98028	2.3	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.093	6.090	0.003	53054	13.1987	10	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.793	6.790	0.003	564338	174.722	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.077	7.073	0.004	39503	12.2022	9.5	80.00- 120.00	100.00

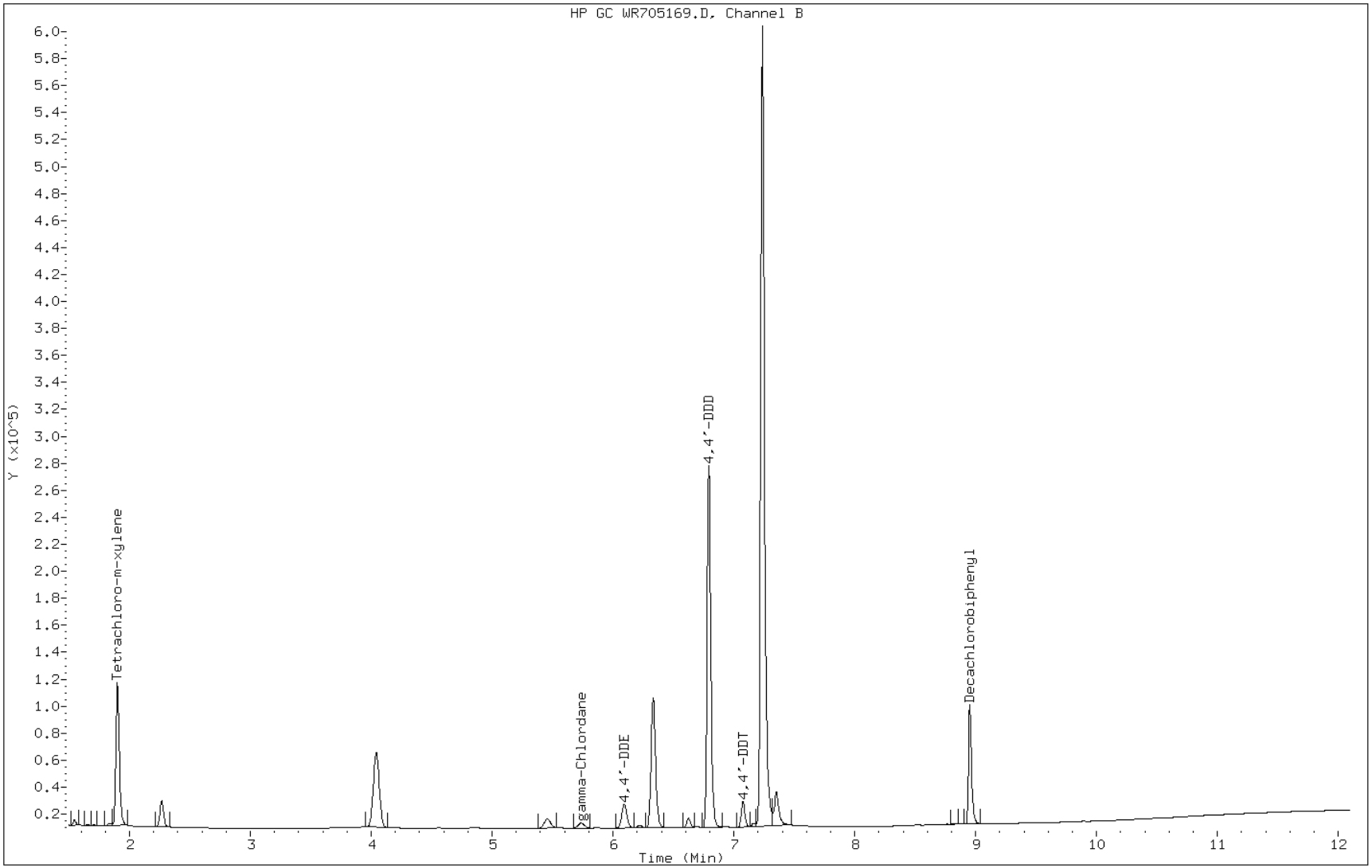
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	153276	53.7318	42	80.00- 120.00	100.00

Data File: WR705169.D

Date: 06-AUG-2012 17:38

Client ID: 20120731SB-387V3-4N Instrument: PESTGC4.i

Sample Info: 460-42971-E-14-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID: 20120731EB
Lab Sample ID: 460-42971-15
Matrix: Water
Lab File ID: xf137543.d
Analysis Method: 8081A
Date Collected: 07/31/2012 14:00
Extraction Method: 3510C
Date Extracted: 08/02/2012 10:03
Sample wt/vol: 990(mL)
Date Analyzed: 08/13/2012 15:58
Con. Extract Vol.: 5(mL)
Dilution Factor: 1
Injection Volume:
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123919
Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	127		49-132
2051-24-3	DCB Decachlorobiphenyl	85		37-144

Data File: xf137543.d
Report Date: 14-Aug-2012 10:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/xf137543.d
Lab Smp Id: 460-42971-F-15-A Client Smp ID: 20120731EB
Inj Date : 13-AUG-2012 15:58
Operator : Inst ID: PESTGC1.i
Smp Info : 460-42971-F-15-A
Misc Info : 460-42971-F-15-A
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/09Xf8081.m
Meth Date : 14-Aug-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xf137516.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

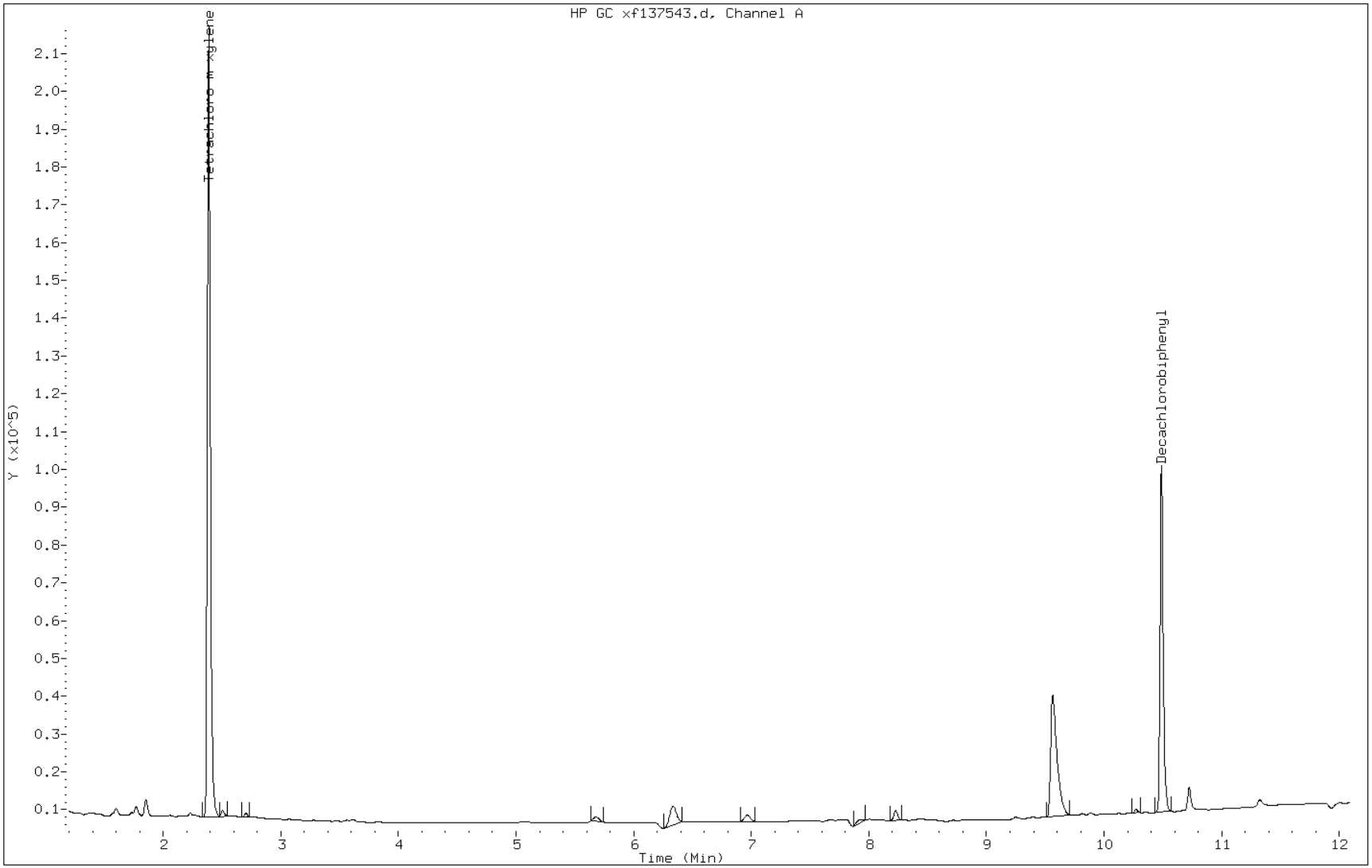
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.387	2.387	0.000	357146	127.386	0.64	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.487	10.483	0.004	172657	85.0261	0.43	80.00- 120.00	100.00

Data File: xf137543.d

Date: 13-AUG-2012 15:58

Client ID: 20120731EB | Instrument: PESTGC1.i

Sample Info: 460-42971-F-15-A | Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731EB | Lab Sample ID: 460-42971-15

Matrix: Water | Lab File ID: xr137543.d

Analysis Method: 8081A | Date Collected: 07/31/2012 14:00

Extraction Method: 3510C | Date Extracted: 08/02/2012 10:03

Sample wt/vol: 990(mL) | Date Analyzed: 08/13/2012 15:58

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123919 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.010	U	0.051	0.010
319-84-6	alpha-BHC	0.010	U	0.051	0.010
319-85-7	beta-BHC	0.011	U	0.051	0.011
319-86-8	delta-BHC	0.0091	U	0.051	0.0091
58-89-9	gamma-BHC (Lindane)	0.012	U	0.051	0.012
57-74-9	Chlordane	0.34	U	0.51	0.34
72-54-8	4,4'-DDD	0.011	U	0.051	0.011
72-55-9	4,4'-DDE	0.0091	U	0.051	0.0091
50-29-3	4,4'-DDT	0.010	U	0.051	0.010
60-57-1	Dieldrin	0.0051	U	0.051	0.0051
959-98-8	Endosulfan I	0.0091	U	0.051	0.0091
33213-65-9	Endosulfan II	0.010	U	0.051	0.010
1031-07-8	Endosulfan sulfate	0.016	U	0.051	0.016
72-20-8	Endrin	0.010	U	0.051	0.010
7421-93-4	Endrin aldehyde	0.0091	U	0.051	0.0091
53494-70-5	Endrin ketone	0.011	U *	0.051	0.011
76-44-8	Heptachlor	0.010	U	0.051	0.010
1024-57-3	Heptachlor epoxide	0.010	U	0.051	0.010
72-43-5	Methoxychlor	0.013	U	0.051	0.013
8001-35-2	Toxaphene	0.20	U	0.51	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	134	X	49-132
2051-24-3	DCB Decachlorobiphenyl	99		37-144

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/xr137543.d
Lab Smp Id: 460-42971-F-15-A Client Smp ID: 20120731EB
Inj Date : 13-AUG-2012 15:58
Operator : Inst ID: PESTGC1.i
Smp Info : 460-42971-F-15-A
Misc Info : 460-42971-F-15-A
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/09Xr8081.m
Meth Date : 14-Aug-2012 07:00 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xr137516.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.927	1.933	-0.006	1017199	134.070	0.68	80.00- 120.00	100.00(R)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.427	9.427	0.000	431778	98.9304	0.50	80.00- 120.00	100.00

QC Flag Legend

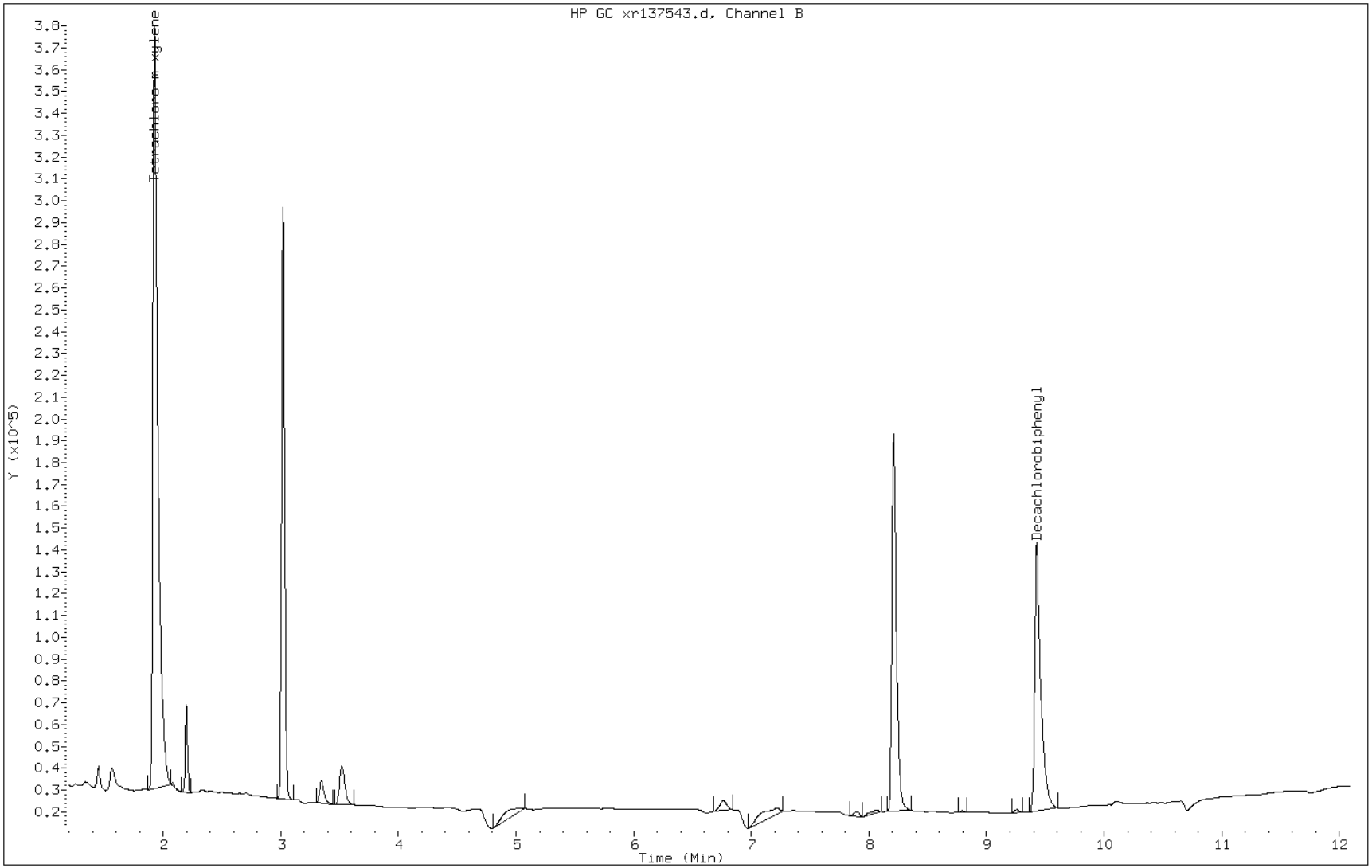
R - Spike/Surrogate failed recovery limits.

Data File: xr137543.d

Date: 13-AUG-2012 15:58

Client ID: 20120731EB | Instrument: PESTGC1.i

Sample Info: 460-42971-F-15-A | Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731FD | Lab Sample ID: 460-42971-16

Matrix: Solid | Lab File ID: WF705436.D

Analysis Method: 8081A | Date Collected: 07/31/2012 00:00

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.03(g) | Date Analyzed: 08/13/2012 09:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123769 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	65	J p	90	11
1024-57-3	Heptachlor epoxide	93	p	90	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	0	X D	40-150
2051-24-3	DCB Decachlorobiphenyl	0	X D	53-150

Data File: WF705436.D
Report Date: 13-Aug-2012 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-13-12/13aug12a.b/WF705436.D
Lab Smp Id: 460-42971-E-16-A Client Smp ID: 20120731FD
Inj Date : 13-AUG-2012 09:55
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-16-A
Misc Info : 460-42971-E-16-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-13-12/13aug12a.b/08Wf8081.m
Meth Date : 13-Aug-2012 12:49 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WF704900.D
Als bottle: 1
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	25.40541	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.590	6.640	-0.050	39496	10.4671	93	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	1079431	296.291	2600	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.163	8.157	0.006	21704	7.24582	65	80.00- 120.00	100.00

Data File: WF705436.D

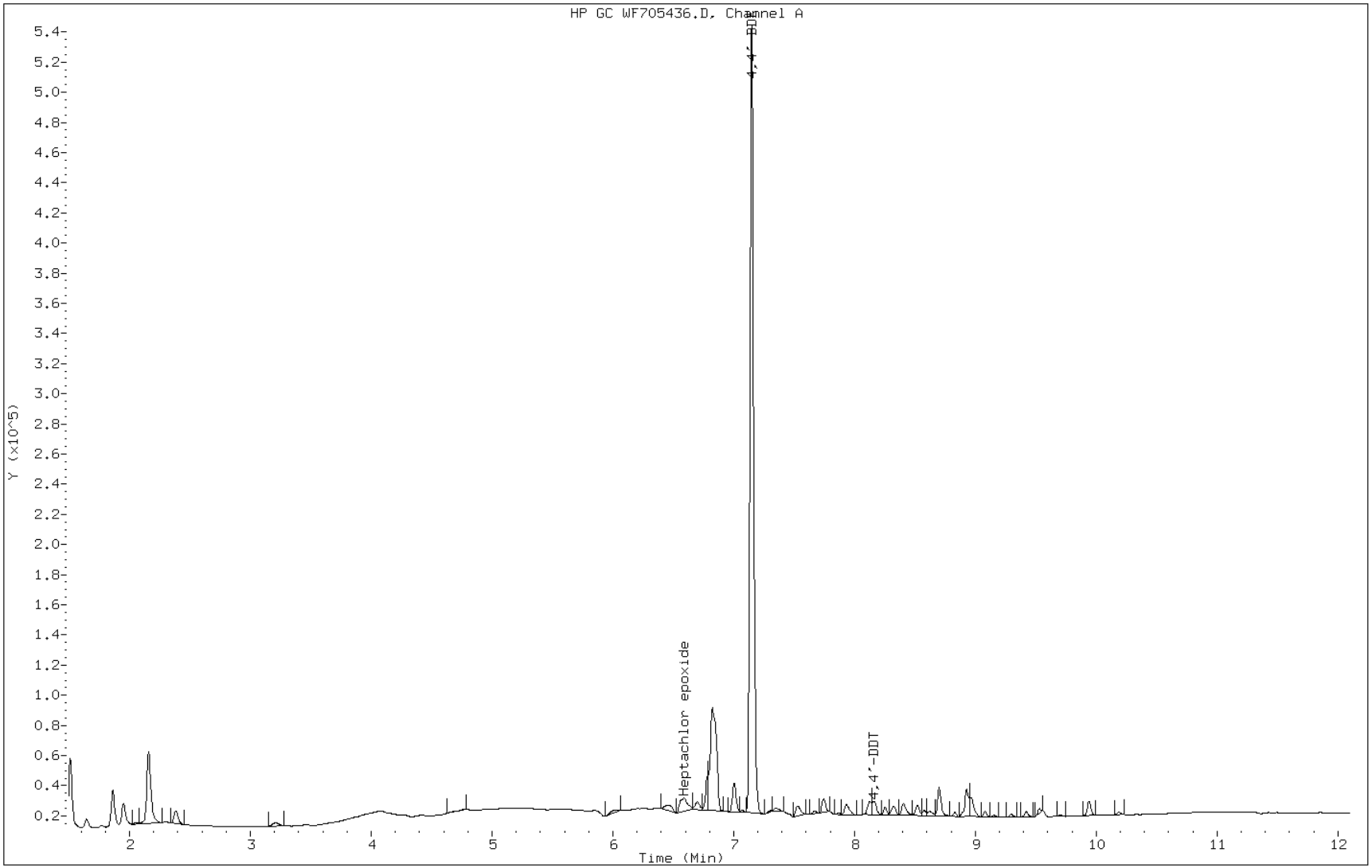
Date: 13-AUG-2012 09:55

Client ID: 20120731FD

Instrument: PESTGC4.i

Sample Info: 460-42971-E-16-A

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731FD | Lab Sample ID: 460-42971-16

Matrix: Solid | Lab File ID: WR705436.D

Analysis Method: 8081A | Date Collected: 07/31/2012 00:00

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.03(g) | Date Analyzed: 08/13/2012 09:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123769 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	20	U	90	20
319-84-6	alpha-BHC	17	U	90	17
319-85-7	beta-BHC	12	U	90	12
319-86-8	delta-BHC	14	U	90	14
58-89-9	gamma-BHC (Lindane)	10	U	90	10
57-74-9	Chlordane	190	U	900	190
72-54-8	4,4'-DDD	11	U	90	11
72-55-9	4,4'-DDE	2800		90	17
60-57-1	Dieldrin	17	U	90	17
959-98-8	Endosulfan I	19	U	90	19
33213-65-9	Endosulfan II	14	U	90	14
1031-07-8	Endosulfan sulfate	12	U *	90	12
72-20-8	Endrin	13	U	90	13
7421-93-4	Endrin aldehyde	22	U	90	22
53494-70-5	Endrin ketone	13	U	90	13
76-44-8	Heptachlor	13	U	90	13
72-43-5	Methoxychlor	10	U	90	10
8001-35-2	Toxaphene	190	U	900	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	0	X D	40-150
2051-24-3	DCB Decachlorobiphenyl	0	X D	53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-13-12/13aug12a.b/WR705436.D
Lab Smp Id: 460-42971-E-16-A Client Smp ID: 20120731FD
Inj Date : 13-AUG-2012 09:55
Operator : Inst ID: PESTGC4.i
Smp Info : 460-42971-E-16-A
Misc Info : 460-42971-E-16-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-13-12/13aug12a.b/08Wr8081.m
Meth Date : 13-Aug-2012 12:26 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	25.40541	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.443	5.457	-0.014	223051	51.6828		80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
6.090	6.090	0.000	1267834	315.411		80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
7.060	7.073	-0.013	56528	17.4611		80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR705436.D

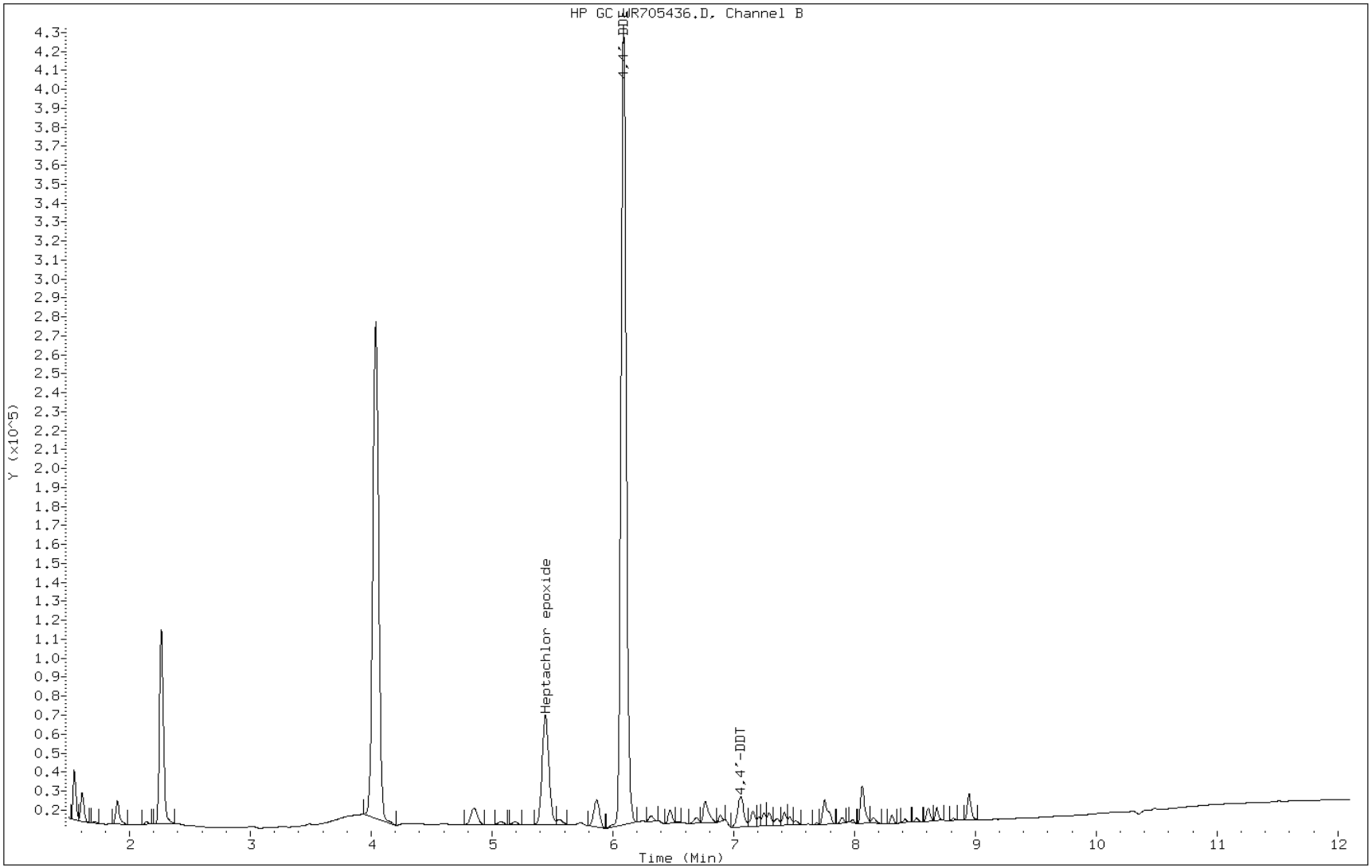
Date: 13-AUG-2012 09:55

Client ID: 20120731FD

Instrument: PESTGC4.i

Sample Info: 460-42971-E-16-A

Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 08:18 Calibration End Date: 08/13/2012 09:16 Calibration ID: 16867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/6	xf137511.d
Level 2	IC 460-123770/7	xf137512.d
Level 3	IC 460-123770/5	xf137510.d
Level 4	IC 460-123770/8	xf137513.d
Level 5	IC 460-123770/9	xf137514.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.913	2.913	2.913	2.927	2.913						2.863 - 2.963	2.916
gamma-BHC (Lindane)	3.297	3.297	3.297	3.317	3.297						3.247 - 3.347	3.301
beta-BHC	3.397	3.393	3.393	3.417	3.393						3.343 - 3.443	3.399
delta-BHC	3.920	3.920	3.917	3.960	3.920						3.867 - 3.967	3.927
Heptachlor	4.090	4.090	4.090	4.133	4.090						4.040 - 4.140	4.099
Aldrin	4.943	4.943	4.943	4.990	4.943						4.893 - 4.993	4.953
Heptachlor epoxide	6.477	6.477	6.473	6.517	6.473						6.403 - 6.543	6.483
gamma-Chlordane	6.930	6.930	6.930	6.967	6.930						6.860 - 7.000	6.937
alpha-Chlordane	7.223	7.220	7.223	7.250	7.223						7.153 - 7.293	7.228
Endosulfan I	7.327	7.327	7.327	7.350	7.327						7.257 - 7.397	7.331
4,4'-DDE	7.457	7.457	7.457	7.477	7.457						7.387 - 7.527	7.461
Dieldrin	7.690	7.690	7.690	7.707	7.690						7.620 - 7.760	7.693
Endrin	8.050	8.050	8.050	8.067	8.050						7.980 - 8.120	8.053
4,4'-DDD	8.147	8.147	8.147	8.163	8.147						8.077 - 8.217	8.150
Endosulfan II	8.297	8.297	8.293	8.310	8.293						8.223 - 8.363	8.298
4,4'-DDT	8.517	8.517	8.517	8.533	8.517						8.447 - 8.587	8.520
Endrin aldehyde	8.697	8.697	8.697	8.710	8.693						8.627 - 8.767	8.699
Endosulfan sulfate	9.030	9.030	9.027	9.043	9.027						8.957 - 9.097	9.031
Methoxychlor	9.307	9.307	9.307	9.317	9.307						9.237 - 9.377	9.309
Endrin ketone	9.567	9.567	9.567	9.573	9.563						9.497 - 9.637	9.567
Tetrachloro-m-xylene	2.387	2.387	2.387	2.397	2.387						2.337 - 2.437	2.389
DCB Decachlorobiphenyl	10.487	10.487	10.487	10.493	10.483						10.387 - 10.587	10.487

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 08:18 Calibration End Date: 08/13/2012 09:16 Calibration ID: 16867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/6	xf137511.d
Level 2	IC 460-123770/7	xf137512.d
Level 3	IC 460-123770/5	xf137510.d
Level 4	IC 460-123770/8	xf137513.d
Level 5	IC 460-123770/9	xf137514.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	3584.8 3501.2	4002.1	3760.5	3605.0	Ave		3690.72960				5.4		20.0			
gamma-BHC (Lindane)	3203.0 3145.1	3646.3	3432.6	3259.5	Ave		3337.28160				6.1		20.0			
beta-BHC	1707.5 1484.2	1830.1	1673.9	1555.1	Ave		1650.16160				8.2		20.0			
delta-BHC	2726.1 3423.2	3535.8	3492.5	3539.3	Ave		3343.39240				10.4		20.0			
Heptachlor	3278.6 3379.0	3712.1	3534.5	3528.1	Ave		3486.46440				4.7		20.0			
Aldrin	2806.7 3376.5	3612.7	3557.8	3504.6	Ave		3371.66600				9.7		20.0			
Heptachlor epoxide	2849.8 2939.0	3343.6	3206.0	3073.5	Ave		3082.36520				6.5		20.0			
gamma-Chlordane	2898.8 2986.3	3334.5	3190.2	3056.9	Ave		3093.35760				5.6		20.0			
alpha-Chlordane	2779.3 2629.1	3013.5	2844.0	2707.2	Ave		2794.62760				5.2		20.0			
Endosulfan I	2434.4 2445.6	2742.4	2615.9	2524.4	Ave		2552.53600				5.0		20.0			
4,4'-DDE	2314.0 2523.2	2773.5	2679.0	2588.0	Ave		2575.53960				6.8		20.0			
Dieldrin	2383.2 2544.1	2831.0	2718.4	2623.9	Ave		2620.13320				6.5		20.0			
Endrin	2122.4 2214.0	2465.0	2370.2	2291.1	Ave		2292.52880				5.8		20.0			
4,4'-DDD	1873.0 2000.7	2207.6	2146.7	2056.5	Ave		2056.90280				6.3		20.0			
Endosulfan II	2194.5 2156.9	2438.2	2313.6	2223.5	Ave		2265.35240				5.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 08:18 Calibration End Date: 08/13/2012 09:16 Calibration ID: 16867

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	1936.0 2054.9	2225.7	2156.6	2095.5	Ave		2093.74200				5.2		20.0			
Endrin aldehyde	1852.2 1670.5	1910.9	1861.5	1716.3	Ave		1802.28400				5.7		20.0			
Endosulfan sulfate	1898.5 1896.4	2107.3	2028.1	1947.6	Ave		1975.57960				4.6		20.0			
Methoxychlor	981.30 888.65	1028.4	982.69	914.97	Ave		959.198000				5.9		20.0			
Endrin ketone	2055.6 1887.9	2090.3	2046.1	1907.6	Ave		1997.51440				4.6		20.0			
Tetrachloro-m-xylene	2884.8 2672.7	2958.8	2791.7	2710.4	Ave		2803.65933				4.2		20.0			
DCB Decachlorobiphenyl	2134.0 1907.6	2137.0	2029.9	1944.7	Ave		2030.64700				5.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 08:18 Calibration End Date: 08/13/2012 09:16 Calibration ID: 16867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/6	xf137511.d
Level 2	IC 460-123770/7	xf137512.d
Level 3	IC 460-123770/5	xf137510.d
Level 4	IC 460-123770/8	xf137513.d
Level 5	IC 460-123770/9	xf137514.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	35848	200106	376050	901262	1750590	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	32030	182317	343255	814866	1572527	10.0	50.0	100	250	500
beta-BHC	Ave	17075	91504	167394	388771	742102	10.0	50.0	100	250	500
delta-BHC	Ave	27261	176792	349249	884829	1711608	10.0	50.0	100	250	500
Heptachlor	Ave	32786	185603	353454	882020	1689521	10.0	50.0	100	250	500
Aldrin	Ave	28067	180635	355778	876160	1688255	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	28498	167181	320595	768368	1469492	10.0	50.0	100	250	500
gamma-Chlordane	Ave	28988	166727	319024	764226	1493152	10.0	50.0	100	250	500
alpha-Chlordane	Ave	27793	150674	284401	676807	1314560	10.0	50.0	100	250	500
Endosulfan I	Ave	24344	137118	261590	631112	1222786	10.0	50.0	100	250	500
4,4'-DDE	Ave	23140	138676	267899	646988	1261618	10.0	50.0	100	250	500
Dieldrin	Ave	23832	141551	271844	655969	1272065	10.0	50.0	100	250	500
Endrin	Ave	21224	123252	237016	572773	1106976	10.0	50.0	100	250	500
4,4'-DDD	Ave	18730	110380	214669	514121	1000370	10.0	50.0	100	250	500
Endosulfan II	Ave	21945	121910	231363	555884	1078448	10.0	50.0	100	250	500
4,4'-DDT	Ave	19360	111286	215663	523863	1027454	10.0	50.0	100	250	500
Endrin aldehyde	Ave	18522	95546	186151	429082	835231	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	18985	105364	202811	486912	948180	10.0	50.0	100	250	500
Methoxychlor	Ave	9813	51419	98269	228742	444326	10.0	50.0	100	250	500
Endrin ketone	Ave	20556	104517	204612	476891	943974	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	72119	147940	279171	406555	534532	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	53350	106848	202994	291705	381527	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 08:18 Calibration End Date: 08/13/2012 09:16 Calibration ID: 16866

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/6	xr137511.d
Level 2	IC 460-123770/7	xr137512.d
Level 3	IC 460-123770/5	xr137510.d
Level 4	IC 460-123770/8	xr137513.d
Level 5	IC 460-123770/9	xr137514.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.327	2.327	2.327	2.320	2.327						2.277 - 2.377	2.325
gamma-BHC (Lindane)	2.553	2.553	2.553	2.550	2.550						2.503 - 2.603	2.552
beta-BHC	2.617	2.613	2.613	2.610	2.613						2.563 - 2.663	2.613
delta-BHC	2.747	2.747	2.747	2.743	2.747						2.697 - 2.797	2.746
Heptachlor	2.920	2.920	2.917	2.917	2.917						2.867 - 2.967	2.918
Aldrin	3.197	3.197	3.197	3.193	3.197						3.147 - 3.247	3.196
Heptachlor epoxide	4.140	4.140	4.140	4.143	4.140						4.070 - 4.210	4.141
gamma-Chlordane	4.437	4.437	4.437	4.440	4.437						4.367 - 4.507	4.437
alpha-Chlordane	4.757	4.757	4.757	4.760	4.753						4.687 - 4.827	4.757
4,4'-DDE	4.963	4.967	4.967	4.973	4.967						4.897 - 5.037	4.967
Endosulfan I	5.083	5.083	5.083	5.087	5.083						5.013 - 5.153	5.084
Dieldrin	5.693	5.693	5.697	5.700	5.693						5.627 - 5.767	5.695
Endrin	6.280	6.280	6.283	6.287	6.280						6.213 - 6.353	6.282
4,4'-DDD	6.470	6.470	6.473	6.477	6.470						6.403 - 6.543	6.472
Endosulfan II	6.810	6.810	6.810	6.813	6.807						6.740 - 6.880	6.810
4,4'-DDT	7.090	7.093	7.093	7.097	7.090						7.023 - 7.163	7.093
Endrin aldehyde	7.520	7.520	7.520	7.523	7.520						7.450 - 7.590	7.521
Methoxychlor	7.753	7.753	7.753	7.757	7.753						7.683 - 7.823	7.754
Endosulfan sulfate	8.013	8.013	8.013	8.017	8.010						7.943 - 8.083	8.013
Endrin ketone	8.323	8.323	8.327	8.327	8.323						8.257 - 8.397	8.325
Tetrachloro-m-xylene	1.933	1.933	1.933	1.927	1.933						1.883 - 1.983	1.932
DCB Decachlorobiphenyl	9.427	9.427	9.427	9.430	9.427						9.327 - 9.527	9.427

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 08:18 Calibration End Date: 08/13/2012 09:16 Calibration ID: 16866

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/6	xr137511.d
Level 2	IC 460-123770/7	xr137512.d
Level 3	IC 460-123770/5	xr137510.d
Level 4	IC 460-123770/8	xr137513.d
Level 5	IC 460-123770/9	xr137514.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	9380.8 8419.7	10635	9230.4	8955.3	Ave		9324.29000				8.8		20.0			
gamma-BHC (Lindane)	8010.1 6258.9	8459.8	7190.2	6688.2	Ave		7321.44840				12.4		20.0			
beta-BHC	5014.8 4532.4	5700.0	4887.4	4809.4	Ave		4988.81400				8.7		20.0			
delta-BHC	7328.7 7270.1	8684.0	7640.4	7597.1	Ave		7704.07160				7.4		20.0			
Heptachlor	7325.5 6499.5	8450.6	7337.9	7034.8	Ave		7329.67320				9.7		20.0			
Aldrin	6576.0 6450.1	7771.3	6882.3	6912.8	Ave		6918.49400				7.5		20.0			
Heptachlor epoxide	6201.9 5864.7	7258.4	6522.7	6317.7	Ave		6433.08880				8.1		20.0			
gamma-Chlordane	6322.6 6621.5	7453.6	6731.5	6819.6	Ave		6789.74960				6.1		20.0			
alpha-Chlordane	6151.8 6219.2	7140.3	6326.3	6559.8	Ave		6479.47040				6.2		20.0			
4,4'-DDE	5347.8 5716.0	6585.9	6011.9	6007.8	Ave		5933.89080				7.7		20.0			
Endosulfan I	5758.8 5761.4	6690.0	6206.0	6316.1	Ave		6146.44120				6.4		20.0			
Dieldrin	5520.5 6044.2	6858.7	6365.5	6475.4	Ave		6252.85520				8.0		20.0			
Endrin	5164.0 5324.4	6278.5	5807.9	5803.9	Ave		5675.72520				7.8		20.0			
4,4'-DDD	4388.1 5121.8	5521.2	5152.6	5377.9	Ave		5112.32520				8.5		20.0			
Endosulfan II	5138.8 5022.3	5952.0	5455.0	5415.7	Ave		5396.75960				6.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 08:18 Calibration End Date: 08/13/2012 09:16 Calibration ID: 16866

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	4472.2 5109.9	5554.6	5240.1	5338.8	Ave		5143.12800				7.9		20.0			
Endrin aldehyde	3706.5 3613.9	4230.4	3998.4	3815.2	Ave		3872.88520				6.3		20.0			
Methoxychlor	2368.4 2176.3	2573.0	2340.9	2320.7	Ave		2355.84800				6.0		20.0			
Endosulfan sulfate	3847.5 3864.2	4374.1	4121.8	4087.3	Ave		4058.98800				5.3		20.0			
Endrin ketone	4059.2 4102.8	4722.8	4489.0	4340.6	Ave		4342.88200				6.3		20.0			
Tetrachloro-m-xylene	7642.2 7417.3	8295.2	7177.5	7403.2	Ave		7587.08033				5.6		20.0			
DCB Decachlorobiphenyl	4359.9 4235.5	4669.6	4220.9	4336.5	Ave		4364.46400				4.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 08:18 Calibration End Date: 08/13/2012 09:16 Calibration ID: 16866

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/6	xr137511.d
Level 2	IC 460-123770/7	xr137512.d
Level 3	IC 460-123770/5	xr137510.d
Level 4	IC 460-123770/8	xr137513.d
Level 5	IC 460-123770/9	xr137514.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	93808	531760	923039	2238835	4209860	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	80101	422990	719019	1672059	3129458	10.0	50.0	100	250	500
beta-BHC	Ave	50148	285002	488744	1202352	2266191	10.0	50.0	100	250	500
delta-BHC	Ave	73287	434201	764044	1899264	3635071	10.0	50.0	100	250	500
Heptachlor	Ave	73255	422532	733793	1758695	3249758	10.0	50.0	100	250	500
Aldrin	Ave	65760	388563	688228	1728212	3225041	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	62019	362921	652272	1579415	2932372	10.0	50.0	100	250	500
gamma-Chlordane	Ave	63226	372680	673147	1704900	3310739	10.0	50.0	100	250	500
alpha-Chlordane	Ave	61518	357015	632630	1639948	3109580	10.0	50.0	100	250	500
4,4'-DDE	Ave	53478	329297	601191	1501956	2857990	10.0	50.0	100	250	500
Endosulfan I	Ave	57588	334498	620596	1579030	2880683	10.0	50.0	100	250	500
Dieldrin	Ave	55205	342935	636550	1618852	3022084	10.0	50.0	100	250	500
Endrin	Ave	51640	313925	580786	1450978	2662177	10.0	50.0	100	250	500
4,4'-DDD	Ave	43881	276062	515259	1344468	2560912	10.0	50.0	100	250	500
Endosulfan II	Ave	51388	297600	545497	1353935	2511144	10.0	50.0	100	250	500
4,4'-DDT	Ave	44722	277731	524013	1334698	2554949	10.0	50.0	100	250	500
Endrin aldehyde	Ave	37065	211522	399843	953799	1806930	10.0	50.0	100	250	500
Methoxychlor	Ave	23684	128649	234089	580179	1088127	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	38475	218707	412182	1021825	1932090	10.0	50.0	100	250	500
Endrin ketone	Ave	40592	236140	448899	1085148	2051414	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	191056	414759	717751	1110475	1483461	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	108997	233481	422087	650475	847090	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:30 Calibration End Date: 08/13/2012 09:30 Calibration ID: 16868

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/10	xf137515.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.743										3.673 - 3.813	3.743
Chlordane (technical) Peak 2	4.090										4.020 - 4.160	4.090
Chlordane (technical) Peak 3	5.327										5.257 - 5.397	5.327
Chlordane (technical) Peak 4	6.930										6.860 - 7.000	6.930
Chlordane (technical) Peak 5	7.120										7.050 - 7.190	7.120
Chlordane (technical) Peak 6	7.220										7.150 - 7.290	7.220
Chlordane (technical) Peak 7	8.133										8.063 - 8.203	8.133
Chlordane (technical) Peak 8	8.353										8.283 - 8.423	8.353

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:30 Calibration End Date: 08/13/2012 09:30 Calibration ID: 16868

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/10	xf137515.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	138.76				Ave		138.761000						20.0			
Chlordane (technical) Peak	189.40				Ave		189.399000						20.0			
Chlordane (technical) Peak	141.60				Ave		141.598000						20.0			
Chlordane (technical) Peak	398.24				Ave		398.241000						20.0			
Chlordane (technical) Peak	312.54				Ave		312.541000						20.0			
Chlordane (technical) Peak	309.27				Ave		309.265000						20.0			
Chlordane (technical) Peak	56.834				Ave		56.8340000						20.0			
Chlordane (technical) Peak	98.294				Ave		98.2940000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:30 Calibration End Date: 08/13/2012 09:30 Calibration ID: 16868

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/10	xf137515.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	138761					1000				
Chlordane (technical) Peak 2	Ave	189399					1000				
Chlordane (technical) Peak 3	Ave	141598					1000				
Chlordane (technical) Peak 4	Ave	398241					1000				
Chlordane (technical) Peak 5	Ave	312541					1000				
Chlordane (technical) Peak 6	Ave	309265					1000				
Chlordane (technical) Peak 7	Ave	56834					1000				
Chlordane (technical) Peak 8	Ave	98294					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:30 Calibration End Date: 08/13/2012 09:30 Calibration ID: 16869

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/10	xr137515.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	2.853										2.783 - 2.923	2.853
Chlordane (technical) Peak 2	2.920										2.850 - 2.990	2.920
Chlordane (technical) Peak 3	3.347										3.277 - 3.417	3.347
Chlordane (technical) Peak 4	3.990										3.920 - 4.060	3.990
Chlordane (technical) Peak 5	4.437										4.367 - 4.507	4.437
Chlordane (technical) Peak 6	4.740										4.670 - 4.810	4.740
Chlordane (technical) Peak 7	6.370										6.300 - 6.440	6.370
Chlordane (technical) Peak 8	6.653										6.583 - 6.723	6.653

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:30 Calibration End Date: 08/13/2012 09:30 Calibration ID: 16869

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/10	xr137515.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	275.65				Ave		275.652000						20.0			
Chlordane (technical) Peak	475.93				Ave		475.927000						20.0			
Chlordane (technical) Peak	372.23				Ave		372.227000						20.0			
Chlordane (technical) Peak	164.09				Ave		164.094000						20.0			
Chlordane (technical) Peak	957.18				Ave		957.184000						20.0			
Chlordane (technical) Peak	1430.6				Ave		1430.60900						20.0			
Chlordane (technical) Peak	179.49				Ave		179.488000						20.0			
Chlordane (technical) Peak	271.95				Ave		271.948000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:30 Calibration End Date: 08/13/2012 09:30 Calibration ID: 16869

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/10	xr137515.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	275652					1000				
Chlordane (technical) Peak 2	Ave	475927					1000				
Chlordane (technical) Peak 3	Ave	372227					1000				
Chlordane (technical) Peak 4	Ave	164094					1000				
Chlordane (technical) Peak 5	Ave	957184					1000				
Chlordane (technical) Peak 6	Ave	1430609					1000				
Chlordane (technical) Peak 7	Ave	179488					1000				
Chlordane (technical) Peak 8	Ave	271948					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:44 Calibration End Date: 08/13/2012 09:44 Calibration ID: 16870

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/11	xf137516.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.970										7.900 - 8.040	7.970
Toxaphene Peak 2	8.387										8.317 - 8.457	8.387
Toxaphene Peak 3	8.697										8.627 - 8.767	8.697
Toxaphene Peak 4	8.803										8.733 - 8.873	8.803
Toxaphene Peak 5	9.300										9.230 - 9.370	9.300
Toxaphene Peak 6	9.363										9.293 - 9.433	9.363
Toxaphene Peak 7	9.640										9.570 - 9.710	9.640
Toxaphene Peak 8	9.770										9.700 - 9.840	9.770

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:44 Calibration End Date: 08/13/2012 09:44 Calibration ID: 16870

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/11	xf137516.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	107.39				Ave		107.387000						20.0			
Toxaphene Peak 2	106.17				Ave		106.172000						20.0			
Toxaphene Peak 3	101.58				Ave		101.583000						20.0			
Toxaphene Peak 4	91.476				Ave		91.4760000						20.0			
Toxaphene Peak 5	147.97				Ave		147.965000						20.0			
Toxaphene Peak 6	134.09				Ave		134.088000						20.0			
Toxaphene Peak 7	93.758				Ave		93.7580000						20.0			
Toxaphene Peak 8	111.06				Ave		111.055000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:44 Calibration End Date: 08/13/2012 09:44 Calibration ID: 16870

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/11	xf137516.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	107387					1000				
Toxaphene Peak 2	Ave	106172					1000				
Toxaphene Peak 3	Ave	101583					1000				
Toxaphene Peak 4	Ave	91476					1000				
Toxaphene Peak 5	Ave	147965					1000				
Toxaphene Peak 6	Ave	134088					1000				
Toxaphene Peak 7	Ave	93758					1000				
Toxaphene Peak 8	Ave	111055					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:44 Calibration End Date: 08/13/2012 09:44 Calibration ID: 16871

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/11	xr137516.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	6.940										6.870 - 7.010	6.940
Toxaphene Peak 2	7.410										7.340 - 7.480	7.410
Toxaphene Peak 3	7.487										7.417 - 7.557	7.487
Toxaphene Peak 4	7.643										7.573 - 7.713	7.643
Toxaphene Peak 5	7.897										7.827 - 7.967	7.897
Toxaphene Peak 6	7.993										7.923 - 8.063	7.993
Toxaphene Peak 7	8.300										8.230 - 8.370	8.300
Toxaphene Peak 8	8.473										8.403 - 8.543	8.473

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:44 Calibration End Date: 08/13/2012 09:44 Calibration ID: 16871

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/11	xr137516.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	241.09				Ave		241.088000						20.0			
Toxaphene Peak 2	315.53				Ave		315.530000						20.0			
Toxaphene Peak 3	396.49				Ave		396.493000						20.0			
Toxaphene Peak 4	374.87				Ave		374.872000						20.0			
Toxaphene Peak 5	276.15				Ave		276.146000						20.0			
Toxaphene Peak 6	504.89				Ave		504.888000						20.0			
Toxaphene Peak 7	276.26				Ave		276.261000						20.0			
Toxaphene Peak 8	179.05				Ave		179.045000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 123770

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2012 09:44 Calibration End Date: 08/13/2012 09:44 Calibration ID: 16871

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123770/11	xr137516.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	241088					1000				
Toxaphene Peak 2	Ave	315530					1000				
Toxaphene Peak 3	Ave	396493					1000				
Toxaphene Peak 4	Ave	374872					1000				
Toxaphene Peak 5	Ave	276146					1000				
Toxaphene Peak 6	Ave	504888					1000				
Toxaphene Peak 7	Ave	276261					1000				
Toxaphene Peak 8	Ave	179045					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 08:30 Calibration End Date: 08/02/2012 09:25 Calibration ID: 16631

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/6	WF704895.D
Level 2	IC 460-122272/7	WF704896.D
Level 3	IC 460-122272/5	WF704894.D
Level 4	IC 460-122272/8	WF704897.D
Level 5	IC 460-122272/9	WF704898.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.480	3.477	3.477	3.480	3.477						3.427 - 3.527	3.478
gamma-BHC (Lindane)	4.197	4.193	4.190	4.193	4.190						4.140 - 4.240	4.193
beta-BHC	4.347	4.343	4.343	4.343	4.340						4.293 - 4.393	4.343
delta-BHC	4.933	4.930	4.930	4.933	4.930						4.880 - 4.980	4.931
Heptachlor	5.083	5.080	5.077	5.080	5.077						5.027 - 5.127	5.079
Aldrin	5.763	5.763	5.763	5.763	5.760						5.713 - 5.813	5.763
Heptachlor epoxide	6.630	6.630	6.627	6.627	6.627						6.557 - 6.697	6.628
gamma-Chlordane	6.827	6.827	6.827	6.823	6.823						6.757 - 6.897	6.825
alpha-Chlordane	6.980	6.983	6.980	6.980	6.980						6.910 - 7.050	6.981
Endosulfan I	7.053	7.053	7.053	7.050	7.050						6.983 - 7.123	7.052
4,4'-DDE	7.140	7.137	7.137	7.137	7.137						7.067 - 7.207	7.137
Dieldrin	7.350	7.350	7.350	7.350	7.350						7.280 - 7.420	7.350
Endrin	7.697	7.697	7.697	7.697	7.697						7.627 - 7.767	7.697
4,4'-DDD	7.783	7.783	7.783	7.783	7.783						7.713 - 7.853	7.783
Endosulfan II	7.937	7.937	7.937	7.933	7.933						7.867 - 8.007	7.935
4,4'-DDT	8.150	8.150	8.147	8.150	8.147						8.077 - 8.217	8.149
Endrin aldehyde	8.303	8.303	8.303	8.303	8.300						8.233 - 8.373	8.303
Endosulfan sulfate	8.540	8.540	8.540	8.540	8.540						8.470 - 8.610	8.540
Methoxychlor	8.727	8.727	8.727	8.727	8.727						8.657 - 8.797	8.727
Endrin ketone	8.940	8.940	8.937	8.937	8.937						8.867 - 9.007	8.938
Tetrachloro-m-xylene	2.383	2.383	2.383	2.383	2.380						2.333 - 2.433	2.383
DCB Decachlorobiphenyl	9.940	9.940	9.940	9.937	9.937						9.840 - 10.040	9.939

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 08:30 Calibration End Date: 08/02/2012 09:25 Calibration ID: 16631

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/6	WF704895.D
Level 2	IC 460-122272/7	WF704896.D
Level 3	IC 460-122272/5	WF704894.D
Level 4	IC 460-122272/8	WF704897.D
Level 5	IC 460-122272/9	WF704898.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	5834.6 5281.1	6305.3	6016.8	5547.0	Ave		5796.95440				6.9		20.0			
gamma-BHC (Lindane)	5559.3 4809.2	5853.8	5517.8	5069.4	Ave		5361.87600				7.8		20.0			
beta-BHC	2845.6 2243.1	2830.4	2627.4	2381.0	Ave		2585.48320				10.4		20.0			
delta-BHC	5014.0 4655.9	5481.1	5239.7	4869.8	Ave		5052.08360				6.3		20.0			
Heptachlor	5411.1 4504.6	5584.2	5181.0	4794.1	Ave		5094.98720				8.7		20.0			
Aldrin	5091.6 4554.2	5535.3	5278.2	4829.2	Ave		5057.70600				7.6		20.0			
Heptachlor epoxide	4185.7 3281.0	4100.2	3824.6	3475.3	Ave		3773.35800				10.4		20.0			
gamma-Chlordane	4056.5 3382.5	4037.4	3812.7	3526.2	Ave		3763.07200				8.0		20.0			
alpha-Chlordane	3908.9 3140.0	3800.9	3602.0	3287.7	Ave		3547.90120				9.3		20.0			
Endosulfan I	3791.8 3115.2	3771.4	3549.7	3280.6	Ave		3501.73360				8.5		20.0			
4,4'-DDE	3892.3 3278.1	3910.9	3722.1	3412.3	Ave		3643.15080				7.8		20.0			
Dieldrin	3876.5 3363.5	3991.2	3828.6	3523.9	Ave		3716.72880				7.1		20.0			
Endrin	3415.7 2892.5	3461.7	3297.8	3044.2	Ave		3222.37480				7.6		20.0			
4,4'-DDD	2990.2 2683.9	3128.7	2993.1	2805.2	Ave		2920.21240				6.0		20.0			
Endosulfan II	3565.1 2843.5	3440.3	3253.1	2991.8	Ave		3218.76640				9.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 08:30 Calibration End Date: 08/02/2012 09:25 Calibration ID: 16631

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	3096.8 2793.6	3186.9	3028.9	2870.7	Ave		2995.38400				5.4		20.0			
Endrin aldehyde	2567.1 2072.9	2432.9	2372.7	2150.4	Ave		2319.21880				8.8		20.0			
Endosulfan sulfate	2730.2 2259.1	2647.4	2510.3	2329.3	Ave		2495.28000				8.1		20.0			
Methoxychlor	1386.9 1136.0	1321.1	1209.4	1156.4	Ave		1241.96200				8.7		20.0			
Endrin ketone	3532.0 2498.7	2836.5	2716.1	2532.2	Ave		2823.09680				14.9		20.0			
Tetrachloro-m-xylene	4531.2 3915.0	4403.6	4194.3	3957.8	Ave		4200.36900				6.4		20.0			
DCB Decachlorobiphenyl	3056.1 2598.0	2929.8	2800.0	2635.1	Ave		2803.79633				6.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 08:30 Calibration End Date: 08/02/2012 09:25 Calibration ID: 16631

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/6	WF704895.D
Level 2	IC 460-122272/7	WF704896.D
Level 3	IC 460-122272/5	WF704894.D
Level 4	IC 460-122272/8	WF704897.D
Level 5	IC 460-122272/9	WF704898.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	58346	315267	601675	1386746	2640549	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	55593	292688	551776	1267347	2404586	10.0	50.0	100	250	500
beta-BHC	Ave	28456	141518	262735	595255	1121543	10.0	50.0	100	250	500
delta-BHC	Ave	50140	274053	523973	1217438	2327938	10.0	50.0	100	250	500
Heptachlor	Ave	54111	279212	518097	1198513	2252287	10.0	50.0	100	250	500
Aldrin	Ave	50916	276765	527819	1207305	2277110	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	41857	205008	382464	868823	1640499	10.0	50.0	100	250	500
gamma-Chlordane	Ave	40565	201872	381274	881546	1691248	10.0	50.0	100	250	500
alpha-Chlordane	Ave	39089	190046	360198	821934	1569985	10.0	50.0	100	250	500
Endosulfan I	Ave	37918	188569	354965	820158	1557603	10.0	50.0	100	250	500
4,4'-DDE	Ave	38923	195544	372209	853084	1639074	10.0	50.0	100	250	500
Dieldrin	Ave	38765	199559	382861	880970	1681737	10.0	50.0	100	250	500
Endrin	Ave	34157	173084	329779	761049	1446254	10.0	50.0	100	250	500
4,4'-DDD	Ave	29902	156433	299312	701289	1341963	10.0	50.0	100	250	500
Endosulfan II	Ave	35651	172015	325314	747950	1421746	10.0	50.0	100	250	500
4,4'-DDT	Ave	30968	159346	302885	717682	1396811	10.0	50.0	100	250	500
Endrin aldehyde	Ave	25671	121647	237269	537605	1036472	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	27302	132372	251034	582321	1129568	10.0	50.0	100	250	500
Methoxychlor	Ave	13869	66057	120938	289109	567977	10.0	50.0	100	250	500
Endrin ketone	Ave	35320	141824	271607	633052	1249363	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	113281	220180	419429	593664	782991	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	76403	146488	280000	395263	519603	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 08:30 Calibration End Date: 08/02/2012 09:25 Calibration ID: 16632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/6	WR704895.D
Level 2	IC 460-122272/7	WR704896.D
Level 3	IC 460-122272/5	WR704894.D
Level 4	IC 460-122272/8	WR704897.D
Level 5	IC 460-122272/9	WR704898.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.453	2.450	2.450	2.450	2.450						2.400 - 2.500	2.451
gamma-BHC (Lindane)	2.930	2.927	2.927	2.927	2.923						2.877 - 2.977	2.927
beta-BHC	3.093	3.090	3.090	3.090	3.087						3.040 - 3.140	3.090
delta-BHC	3.403	3.400	3.400	3.403	3.397						3.350 - 3.450	3.401
Heptachlor	3.787	3.783	3.783	3.787	3.783						3.733 - 3.833	3.785
Aldrin	4.327	4.323	4.323	4.323	4.323						4.273 - 4.373	4.324
Heptachlor epoxide	5.437	5.433	5.437	5.433	5.433						5.367 - 5.507	5.435
gamma-Chlordane	5.680	5.680	5.680	5.677	5.680						5.610 - 5.750	5.679
alpha-Chlordane	5.943	5.943	5.940	5.940	5.940						5.870 - 6.010	5.941
4,4'-DDE	6.070	6.070	6.070	6.070	6.070						6.000 - 6.140	6.070
Endosulfan I	6.167	6.163	6.163	6.163	6.163						6.093 - 6.233	6.164
Dieldrin	6.470	6.467	6.467	6.467	6.467						6.397 - 6.537	6.467
Endrin	6.713	6.713	6.713	6.713	6.713						6.643 - 6.783	6.713
4,4'-DDD	6.777	6.777	6.777	6.777	6.777						6.707 - 6.847	6.777
Endosulfan II	6.940	6.940	6.940	6.937	6.940						6.870 - 7.010	6.939
4,4'-DDT	7.060	7.060	7.060	7.060	7.060						6.990 - 7.130	7.060
Endrin aldehyde	7.377	7.377	7.373	7.373	7.373						7.303 - 7.443	7.375
Methoxychlor	7.573	7.573	7.570	7.570	7.570						7.500 - 7.640	7.571
Endosulfan sulfate	7.850	7.847	7.847	7.847	7.847						7.777 - 7.917	7.847
Endrin ketone	8.160	8.160	8.157	8.157	8.157						8.087 - 8.227	8.158
Tetrachloro-m-xylene	1.900	1.900	1.900	1.900	1.897						1.850 - 1.950	1.899
DCB Decachlorobiphenyl	8.947	8.947	8.943	8.943	8.943						8.843 - 9.043	8.945

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 08:30 Calibration End Date: 08/02/2012 09:25 Calibration ID: 16632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/6	WR704895.D
Level 2	IC 460-122272/7	WR704896.D
Level 3	IC 460-122272/5	WR704894.D
Level 4	IC 460-122272/8	WR704897.D
Level 5	IC 460-122272/9	WR704898.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	5983.0 4852.5	5987.8	5616.0	5076.9	Ave		5503.24000				9.5		20.0			
gamma-BHC (Lindane)	5624.0 4577.2	5678.0	5350.5	4881.1	Ave		5222.16200				9.2		20.0			
beta-BHC	2950.9 2183.5	2750.1	2534.3	2319.9	Ave		2547.74880				12.2		20.0			
delta-BHC	5060.5 4419.4	5282.0	5034.3	4606.5	Ave		4880.54200				7.3		20.0			
Heptachlor	5005.2 3824.8	4937.6	4640.1	4129.3	Ave		4507.40000				11.4		20.0			
Aldrin	4795.3 4054.4	5025.7	4801.4	4330.7	Ave		4601.50920				8.6		20.0			
Heptachlor epoxide	4758.9 3657.7	4736.8	4462.2	3963.2	Ave		4315.76960				11.3		20.0			
gamma-Chlordane	4899.0 3950.9	4887.6	4637.6	4196.6	Ave		4514.34640				9.4		20.0			
alpha-Chlordane	4751.7 3684.9	4674.1	4387.3	3942.6	Ave		4288.12120				10.8		20.0			
4,4'-DDE	4181.0 3530.1	4401.3	4206.4	3779.4	Ave		4019.62600				8.8		20.0			
Endosulfan I	4226.0 3270.6	4229.6	3962.3	3506.4	Ave		3839.00080				11.3		20.0			
Dieldrin	4293.0 3385.4	4322.0	4063.1	3620.8	Ave		3936.85720				10.6		20.0			
Endrin	3729.3 2714.4	3563.3	3270.5	2919.2	Ave		3239.32960				13.1		20.0			
4,4'-DDD	3465.3 2852.5	3475.9	3332.2	3023.7	Ave		3229.91040				8.6		20.0			
Endosulfan II	3875.3 2851.7	3705.5	3441.1	3068.0	Ave		3388.30600				12.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 08:30 Calibration End Date: 08/02/2012 09:25 Calibration ID: 16632

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	3488.9 2891.1	3482.1	3294.5	3030.3	Ave		3237.36560				8.3		20.0			
Endrin aldehyde	2961.8 2304.8	2924.7	2793.8	2462.2	Ave		2689.45480				10.8		20.0			
Methoxychlor	1723.1 1289.7	1651.8	1523.3	1375.6	Ave		1512.71000				12.0		20.0			
Endosulfan sulfate	3402.2 2564.6	3287.8	3066.5	2739.8	Ave		3012.19160				11.8		20.0			
Endrin ketone	3684.4 2736.1	3456.0	3237.3	2903.6	Ave		3203.47040				12.1		20.0			
Tetrachloro-m-xylene	4524.6 3887.1	4350.6	4155.6	3942.1	Ave		4171.99100				6.5		20.0			
DCB Decachlorobiphenyl	3056.0 2602.6	3002.3	2896.8	2705.3	Ave		2852.61433				6.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 08:30 Calibration End Date: 08/02/2012 09:25 Calibration ID: 16632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/6	WR704895.D
Level 2	IC 460-122272/7	WR704896.D
Level 3	IC 460-122272/5	WR704894.D
Level 4	IC 460-122272/8	WR704897.D
Level 5	IC 460-122272/9	WR704898.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	59830	299392	561596	1269225	2426250	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	56240	283902	535048	1220264	2288617	10.0	50.0	100	250	500
beta-BHC	Ave	29509	137504	253430	579979	1091774	10.0	50.0	100	250	500
delta-BHC	Ave	50605	264099	503430	1151626	2209713	10.0	50.0	100	250	500
Heptachlor	Ave	50052	246879	464010	1032329	1912402	10.0	50.0	100	250	500
Aldrin	Ave	47953	251284	480142	1082676	2027221	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	47589	236840	446223	990800	1828859	10.0	50.0	100	250	500
gamma-Chlordane	Ave	48990	244380	463757	1049160	1975461	10.0	50.0	100	250	500
alpha-Chlordane	Ave	47517	233707	438727	985660	1842428	10.0	50.0	100	250	500
4,4'-DDE	Ave	41810	220065	420638	944849	1765027	10.0	50.0	100	250	500
Endosulfan I	Ave	42260	211481	396233	876610	1635307	10.0	50.0	100	250	500
Dieldrin	Ave	42930	216099	406310	905209	1692685	10.0	50.0	100	250	500
Endrin	Ave	37293	178166	327047	729794	1357191	10.0	50.0	100	250	500
4,4'-DDD	Ave	34653	173793	333224	755921	1426234	10.0	50.0	100	250	500
Endosulfan II	Ave	38753	185274	344105	766990	1425870	10.0	50.0	100	250	500
4,4'-DDT	Ave	34889	174103	329451	757574	1445531	10.0	50.0	100	250	500
Endrin aldehyde	Ave	29618	146235	279384	615541	1152385	10.0	50.0	100	250	500
Methoxychlor	Ave	17231	82589	152332	343908	644859	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	34022	164392	306653	684938	1282318	10.0	50.0	100	250	500
Endrin ketone	Ave	36844	172799	323733	725898	1368025	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	113115	217528	415559	591309	777429	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	76401	150116	289679	405802	520515	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:39 Calibration End Date: 08/02/2012 09:39 Calibration ID: 16634

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/10	WF704899.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.787										4.717 - 4.857	4.787
Chlordane (technical) Peak 2	5.080										5.010 - 5.150	5.080
Chlordane (technical) Peak 3	6.047										5.977 - 6.117	6.047
Chlordane (technical) Peak 4	6.823										6.753 - 6.893	6.823
Chlordane (technical) Peak 5	6.920										6.850 - 6.990	6.920
Chlordane (technical) Peak 6	6.980										6.910 - 7.050	6.980
Chlordane (technical) Peak 7	7.777										7.707 - 7.847	7.777
Chlordane (technical) Peak 8	7.993										7.923 - 8.063	7.993

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:39 Calibration End Date: 08/02/2012 09:39 Calibration ID: 16634

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/10	WF704899.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	211.23				Ave		211.233000						20.0			
Chlordane (technical) Peak	281.99				Ave		281.988000						20.0			
Chlordane (technical) Peak	192.39				Ave		192.389000						20.0			
Chlordane (technical) Peak	479.62				Ave		479.622000						20.0			
Chlordane (technical) Peak	391.41				Ave		391.412000						20.0			
Chlordane (technical) Peak	403.45				Ave		403.449000						20.0			
Chlordane (technical) Peak	81.001				Ave		81.0010000						20.0			
Chlordane (technical) Peak	136.55				Ave		136.553000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:39 Calibration End Date: 08/02/2012 09:39 Calibration ID: 16634

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/10	WF704899.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	211233					1000				
Chlordane (technical) Peak 2	Ave	281988					1000				
Chlordane (technical) Peak 3	Ave	192389					1000				
Chlordane (technical) Peak 4	Ave	479622					1000				
Chlordane (technical) Peak 5	Ave	391412					1000				
Chlordane (technical) Peak 6	Ave	403449					1000				
Chlordane (technical) Peak 7	Ave	81001					1000				
Chlordane (technical) Peak 8	Ave	136553					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:39 Calibration End Date: 08/02/2012 09:39 Calibration ID: 16633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/10	WR704899.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.640										3.570 - 3.710	3.640
Chlordane (technical) Peak 2	3.787										3.717 - 3.857	3.787
Chlordane (technical) Peak 3	4.570										4.500 - 4.640	4.570
Chlordane (technical) Peak 4	5.310										5.240 - 5.380	5.310
Chlordane (technical) Peak 5	5.677										5.607 - 5.747	5.677
Chlordane (technical) Peak 6	5.927										5.857 - 5.997	5.927
Chlordane (technical) Peak 7	6.747										6.677 - 6.817	6.747
Chlordane (technical) Peak 8	6.870										6.800 - 6.940	6.870

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:39 Calibration End Date: 08/02/2012 09:39 Calibration ID: 16633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/10	WR704899.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	181.95				Ave		181.952000						20.0			
Chlordane (technical) Peak	234.63				Ave		234.634000						20.0			
Chlordane (technical) Peak	204.59				Ave		204.586000						20.0			
Chlordane (technical) Peak	100.67				Ave		100.674000						20.0			
Chlordane (technical) Peak	578.66				Ave		578.661000						20.0			
Chlordane (technical) Peak	871.03				Ave		871.032000						20.0			
Chlordane (technical) Peak	104.31				Ave		104.311000						20.0			
Chlordane (technical) Peak	159.29				Ave		159.289000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:39 Calibration End Date: 08/02/2012 09:39 Calibration ID: 16633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/10	WR704899.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	181952					1000				
Chlordane (technical) Peak 2	Ave	234634					1000				
Chlordane (technical) Peak 3	Ave	204586					1000				
Chlordane (technical) Peak 4	Ave	100674					1000				
Chlordane (technical) Peak 5	Ave	578661					1000				
Chlordane (technical) Peak 6	Ave	871032					1000				
Chlordane (technical) Peak 7	Ave	104311					1000				
Chlordane (technical) Peak 8	Ave	159289					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:53 Calibration End Date: 08/02/2012 09:53 Calibration ID: 16636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/11	WF704900.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	8.027										7.957 - 8.097	8.027
Toxaphene Peak 2	8.307										8.237 - 8.377	8.307
Toxaphene Peak 3	8.387										8.317 - 8.457	8.387
Toxaphene Peak 4	8.533										8.463 - 8.603	8.533
Toxaphene Peak 5	8.723										8.653 - 8.793	8.723
Toxaphene Peak 6	8.767										8.697 - 8.837	8.767
Toxaphene Peak 7	9.013										8.943 - 9.083	9.013
Toxaphene Peak 8	9.147										9.077 - 9.217	9.147

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:53 Calibration End Date: 08/02/2012 09:53 Calibration ID: 16636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/11	WF704900.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	167.93				Ave		167.931000						20.0			
Toxaphene Peak 2	140.15				Ave		140.153000						20.0			
Toxaphene Peak 3	140.45				Ave		140.450000						20.0			
Toxaphene Peak 4	104.53				Ave		104.533000						20.0			
Toxaphene Peak 5	207.64				Ave		207.637000						20.0			
Toxaphene Peak 6	307.73				Ave		307.731000						20.0			
Toxaphene Peak 7	137.71				Ave		137.712000						20.0			
Toxaphene Peak 8	182.47				Ave		182.466000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:53 Calibration End Date: 08/02/2012 09:53 Calibration ID: 16636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/11	WF704900.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	167931					1000				
Toxaphene Peak 2	Ave	140153					1000				
Toxaphene Peak 3	Ave	140450					1000				
Toxaphene Peak 4	Ave	104533					1000				
Toxaphene Peak 5	Ave	207637					1000				
Toxaphene Peak 6	Ave	307731					1000				
Toxaphene Peak 7	Ave	137712					1000				
Toxaphene Peak 8	Ave	182466					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:53 Calibration End Date: 08/02/2012 09:53 Calibration ID: 16635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/11	WR704900.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.000										6.930 - 7.070	7.000
Toxaphene Peak 2	7.283										7.213 - 7.353	7.283
Toxaphene Peak 3	7.350										7.280 - 7.420	7.350
Toxaphene Peak 4	7.483										7.413 - 7.553	7.483
Toxaphene Peak 5	7.733										7.663 - 7.803	7.733
Toxaphene Peak 6	7.830										7.760 - 7.900	7.830
Toxaphene Peak 7	8.137										8.067 - 8.207	8.137
Toxaphene Peak 8	8.287										8.217 - 8.357	8.287

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:53 Calibration End Date: 08/02/2012 09:53 Calibration ID: 16635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/11	WR704900.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	142.14				Ave		142.135000						20.0			
Toxaphene Peak 2	223.46				Ave		223.458000						20.0			
Toxaphene Peak 3	188.61				Ave		188.613000						20.0			
Toxaphene Peak 4	163.54				Ave		163.542000						20.0			
Toxaphene Peak 5	190.62				Ave		190.620000						20.0			
Toxaphene Peak 6	323.01				Ave		323.009000						20.0			
Toxaphene Peak 7	175.12				Ave		175.117000						20.0			
Toxaphene Peak 8	112.92				Ave		112.924000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-42971-1 Analy Batch No.: 122272

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2012 09:53 Calibration End Date: 08/02/2012 09:53 Calibration ID: 16635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-122272/11	WR704900.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	142135					1000				
Toxaphene Peak 2	Ave	223458					1000				
Toxaphene Peak 3	Ave	188613					1000				
Toxaphene Peak 4	Ave	163542					1000				
Toxaphene Peak 5	Ave	190620					1000				
Toxaphene Peak 6	Ave	323009					1000				
Toxaphene Peak 7	Ave	175117					1000				
Toxaphene Peak 8	Ave	112924					1000				

Curve Type Legend:

Ave = Average

FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: PEM 460-123919/3 Calibration Date: 08/13/2012 13:52

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xf137534.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.05	600661	5.07	15	
Endrin aldehyde	8.69	11783			
Endrin ketone	9.57	20329			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.51	541311	7.14	15	
4,4'-DDD	8.14	13994			
4,4'-DDE	7.46	27619			

Data File: xf137534.d
Report Date: 14-Aug-2012 08:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/xf137534.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 13-AUG-2012 13:52
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/09Xf8081.m
Meth Date : 14-Aug-2012 08:34 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xf137516.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
8.143	8.143	0.000	13994	6.80343	0.034	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.457	7.453	0.004	27619	10.7236	0.054	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.513	8.517	-0.004	541311	258.538	1.3	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
8.047	8.047	0.000	600661	262.008	1.3	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.693	8.693	0.000	11783	6.53782	0.033	80.00- 120.00	100.00(a)

Data File: xf137534.d
Report Date: 14-Aug-2012 08:34

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
9.567	9.563	0.004	20329	10.1771	0.051	80.00- 120.00	100.00

QC Flag Legend

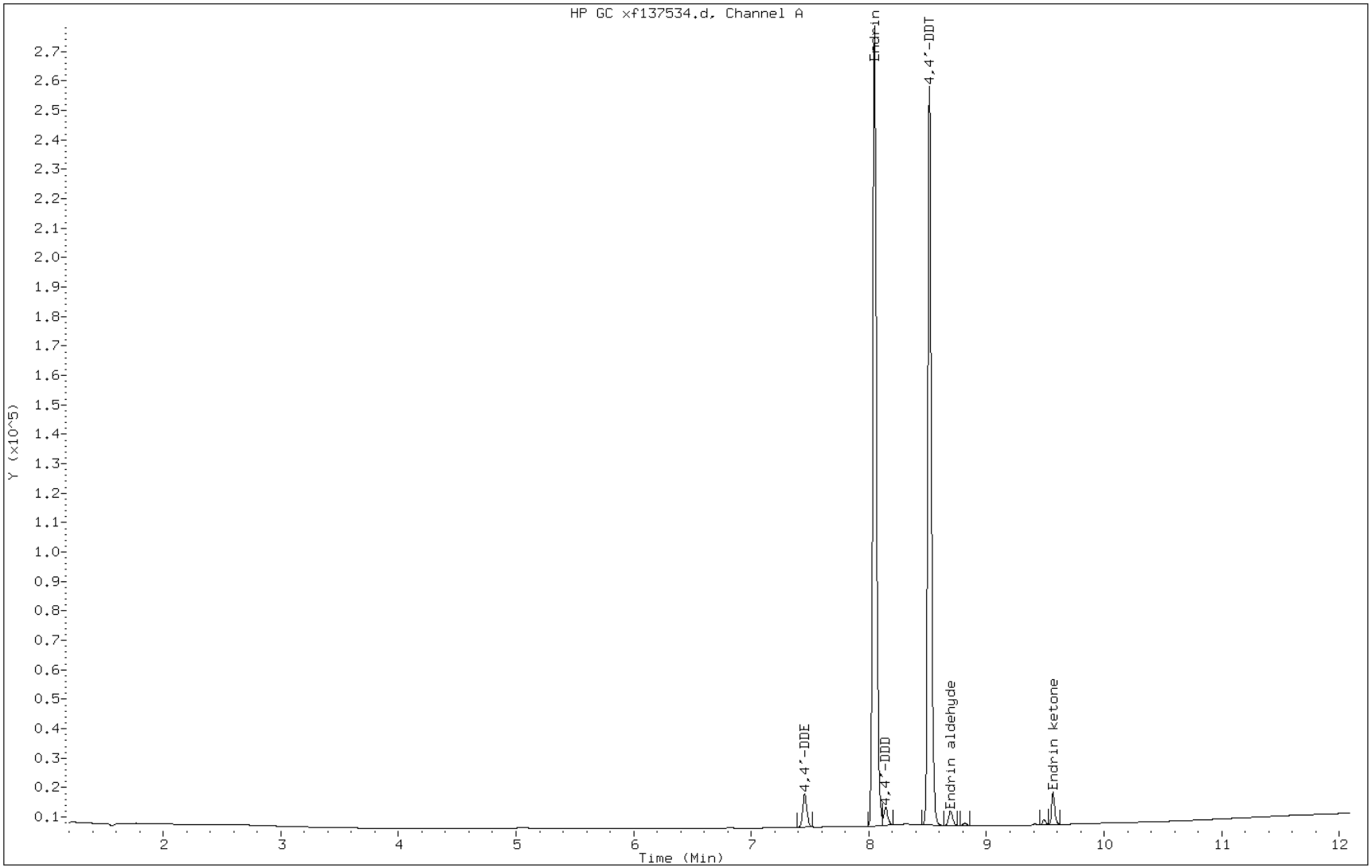
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf137534.d

Date: 13-AUG-2012 13:52

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: PEM 460-123919/3 Calibration Date: 08/13/2012 13:52

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xr137534.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.28	1603505	4.27	15	
Endrin aldehyde	7.52	26055			
Endrin ketone	8.32	45556			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.09	1440970	7.19	15	
4,4'-DDD	6.46	36707			
4,4'-DDE	4.96	74996			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/xr137534.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 13-AUG-2012 13:52
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/09Xr8081.m
Meth Date : 14-Aug-2012 07:00 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xr137516.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
6.460	6.470	-0.010	36707	7.18010	0.036	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
4.960	4.963	-0.003	74996	12.6386	0.063	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.087	7.090	-0.003	1440970	280.174	1.4	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.277	6.280	-0.003	1603505	282.520	1.4	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.517	7.520	-0.003	26055	6.72754	0.034	80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
8.320	8.323	-0.003	45556	10.4898	0.052	80.00- 120.00	100.00

QC Flag Legend

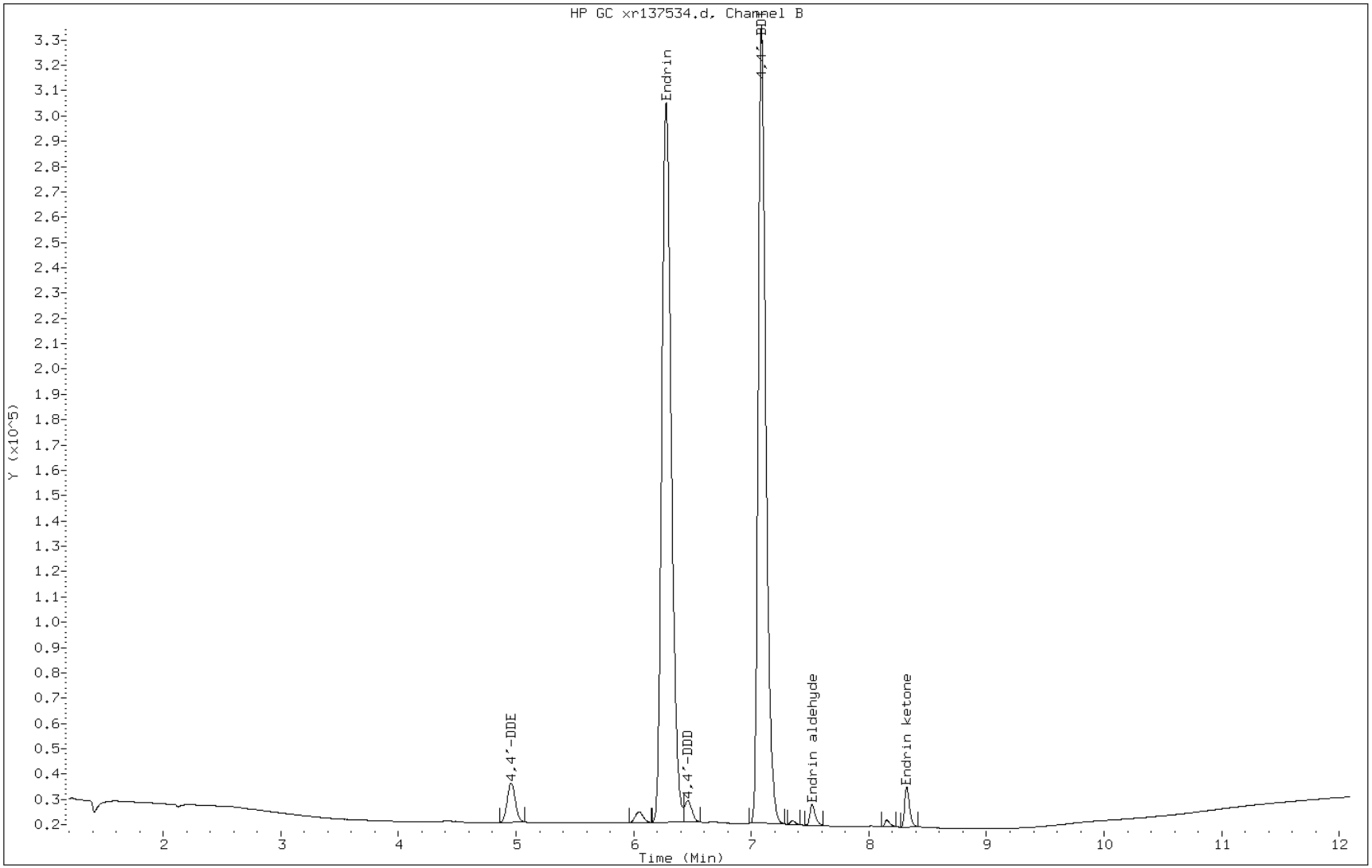
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xr137534.d

Date: 13-AUG-2012 13:52

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: PEM 460-123327/3 Calibration Date: 08/06/2012 12:30

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705147.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.73	865623	2.99	15	
Endrin aldehyde	8.33	10769			
Endrin ketone	8.95	15941			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.18	782581	6.74	15	
4,4'-DDD	7.82	13952			
4,4'-DDE	7.18	42579			

Data File: WF705147.D
Report Date: 09-Aug-2012 15:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705147.D
Lab Smp Id: SGDDT/Ei_00018
Inj Date : 06-AUG-2012 12:30
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00018
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WF704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.150	0.027	42579	11.6874	7.8	80.00- 120.00	100.00
20 Toxaphene					CAS #: 8001-35-2		
7.990	8.027	-0.037	1521	9.05967	6.0	80.00- 120.00	100.00(T)
8.330	8.307	0.023	10769	76.8410	51	66.77- 100.15	707.87
8.420	8.387	0.033	2150	15.3122	10	66.91- 100.36	141.36
0.000	8.533	-8.533	0			49.80- 74.70	0.00
0.000	8.723	-8.723	0			98.92- 148.37	0.00
0.000	8.767	-8.767	0			146.60- 219.90	0.00
8.953	9.013	-0.060	15941	115.759	77	65.60- 98.41	1047.81
0.000	9.147	-9.147	0			86.92- 130.39	0.00

Average of Peak Concentrations = 36

Data File: WF705147.D
Report Date: 09-Aug-2012 15:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
14 Endrin					CAS #: 72-20-8		
7.733	7.710	0.023	865623	268.629	180	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.820	7.797	0.023	13952	4.77801	3.2	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.177	8.160	0.017	782581	261.263	170	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.330	8.310	0.020	10769	4.64359	3.1	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.953	8.943	0.010	15941	5.64678	3.8	80.00- 120.00	100.00

QC Flag Legend

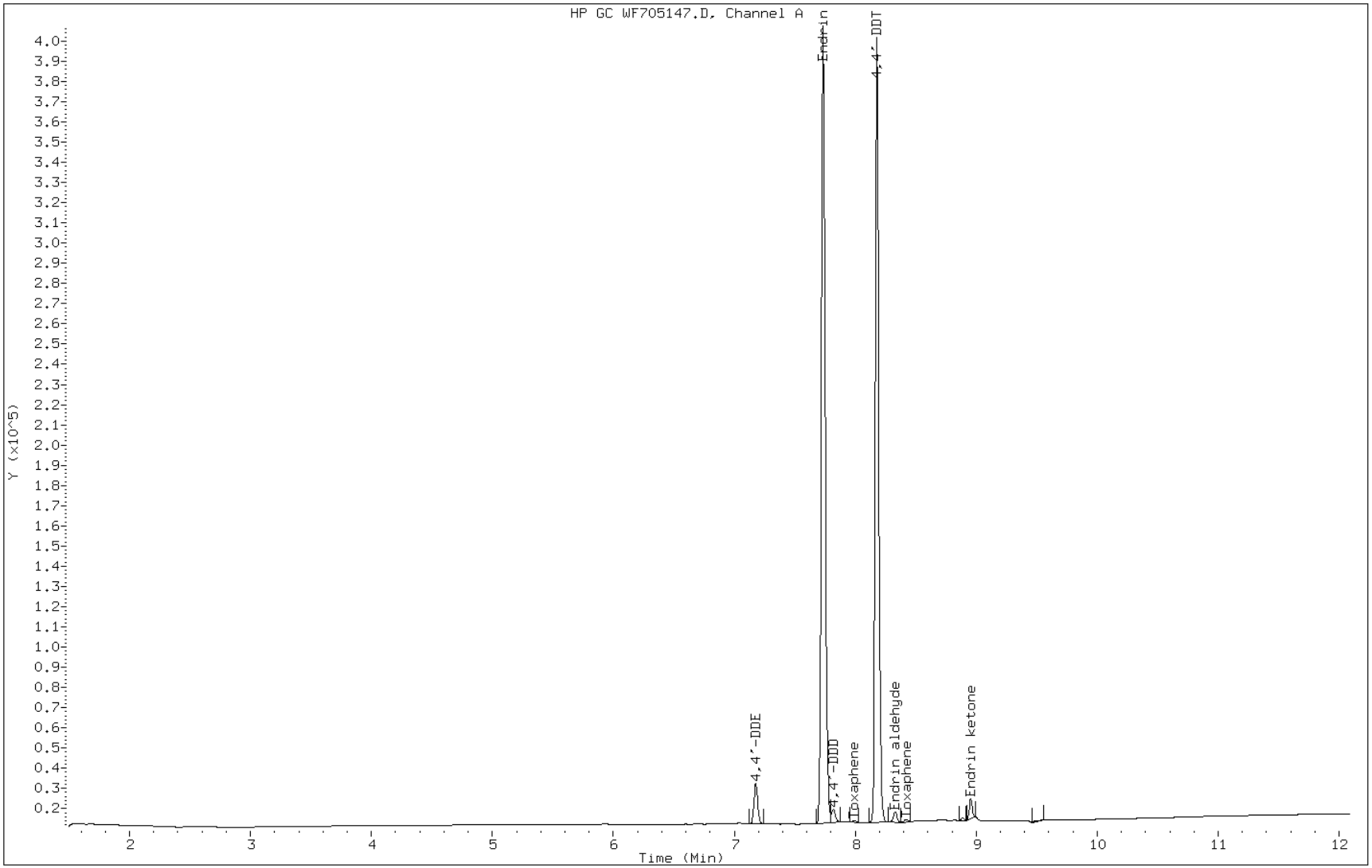
T - Target compound detected outside RT window.

Data File: WF705147.D

Date: 06-AUG-2012 12:30

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: PEM 460-123327/3 Calibration Date: 08/06/2012 12:30

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705147.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.75	878966	3.97	15	
Endrin aldehyde	7.41	12195			
Endrin ketone	8.18	24183			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.09	856841	5.06	15	
4,4'-DDD	0.00	0			
4,4'-DDE	6.13	45709			

Data File: WR705147.D
Report Date: 09-Aug-2012 15:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705147.D
Lab Smp Id: SGDDT/Ei_00018
Inj Date : 06-AUG-2012 12:30
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00018
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:55 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
8 4,4'-DDE					CAS #: 72-55-9		
6.130	6.090	0.040	45709	11.3717	7.6	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.087	7.073	0.014	856841	264.672	180	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.747	6.727	0.020	878966	271.342	180	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.407	7.387	0.020	12195	4.53452	3.0	80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
8.183	8.170	0.013	24183	7.54919	5.0	80.00- 120.00	100.00(a)

Data File: WR705147.D
Report Date: 09-Aug-2012 15:25

QC Flag Legend

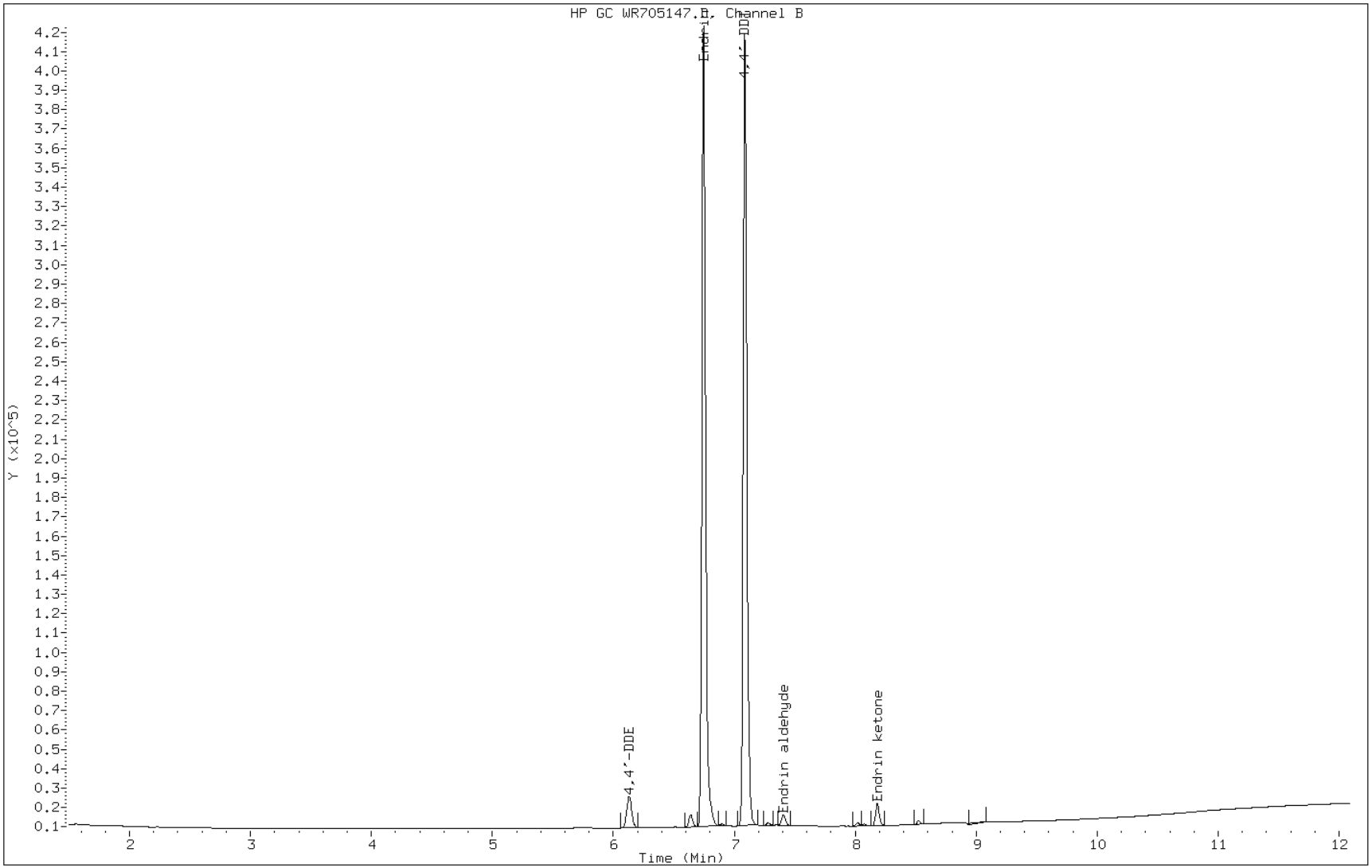
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: WR705147.D

Date: 06-AUG-2012 12:30

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: PEM 460-123769/3 Calibration Date: 08/13/2012 06:49

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705423.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.71	847107	2.86	15	
Endrin aldehyde	8.31	7805			
Endrin ketone	8.94	17102			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.16	773560	5.35	15	
4,4'-DDD	7.80	11539			
4,4'-DDE	7.15	32172			

Data File: WF705423.D
Report Date: 13-Aug-2012 12:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-13-12/13aug12a.b/WF705423.D
Lab Smp Id: SGDDT/Ei_00018
Inj Date : 13-AUG-2012 06:49
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00018
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-13-12/13aug12a.b/08Wf8081.m
Meth Date : 13-Aug-2012 12:48 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WF704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
7.797	7.797	0.000	11539	3.95142	2.6	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	32172	8.83082	5.9	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.157	8.157	0.000	773560	258.251	170	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.707	7.707	0.000	847107	262.883	180	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.310	8.310	0.000	7805	3.36536	2.2	80.00- 120.00	100.00(a)

Data File: WF705423.D
Report Date: 13-Aug-2012 12:48

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
8.940	8.940	0.000	17102	6.05789	4.0	80.00- 120.00	100.00(a)

QC Flag Legend

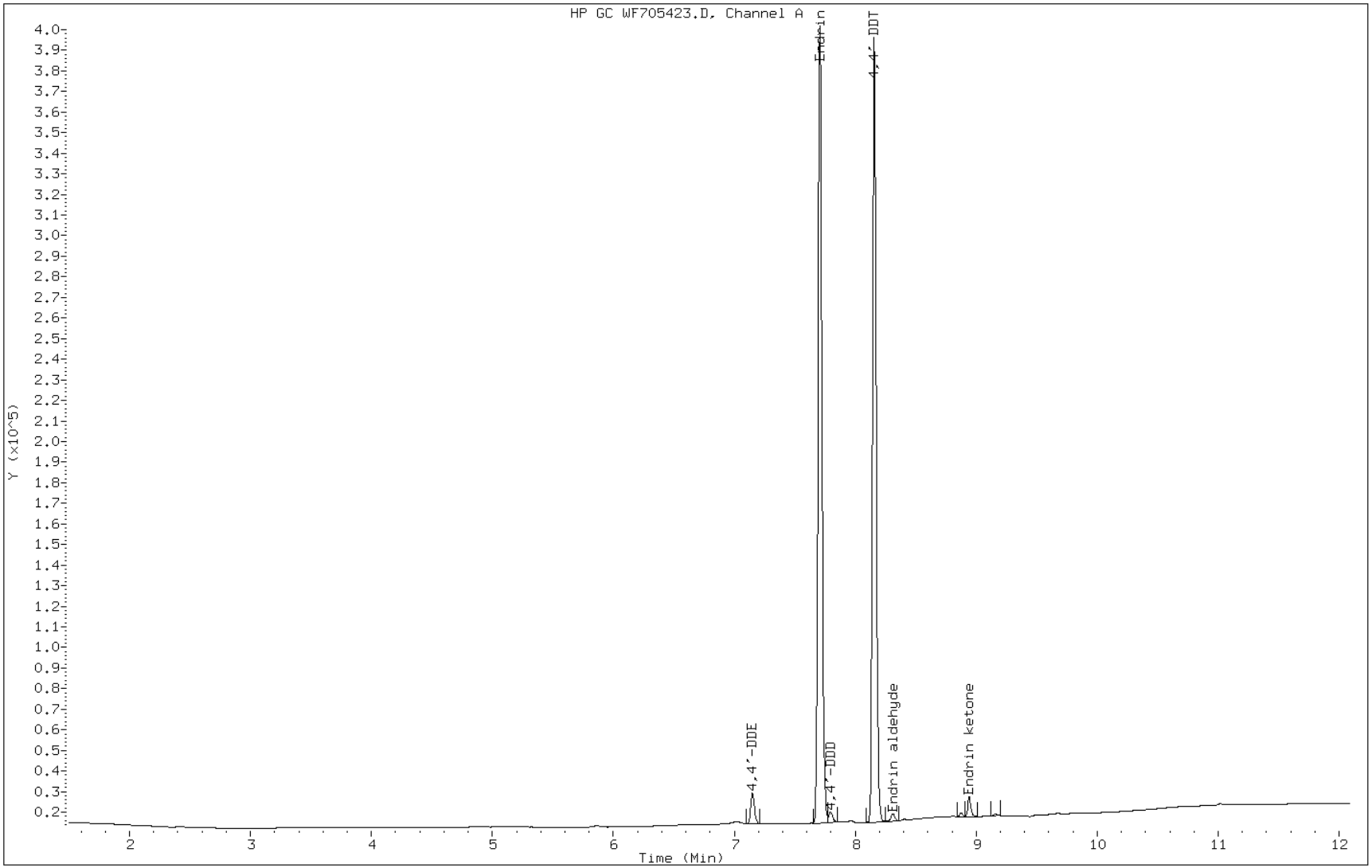
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF705423.D

Date: 13-AUG-2012 06:49

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: PEM 460-123769/3 Calibration Date: 08/13/2012 06:49

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705423.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.73	898399	3.30	15	
Endrin aldehyde	7.39	8192			
Endrin ketone	8.17	22450			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.07	870820	3.72	15	
4,4'-DDD	0.00	0			
4,4'-DDE	6.09	33644			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-13-12/13aug12a.b/WR705423.D
Lab Smp Id: SGDDT/Ei_00018
Inj Date : 13-AUG-2012 06:49
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00018
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-13-12/13aug12a.b/08Wr8081.m
Meth Date : 13-Aug-2012 12:26 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
8 4,4'-DDE					CAS #: 72-55-9		
6.093	6.090	0.003	33644	8.36993		80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
7.073	7.073	0.000	870820	268.990		80.00- 120.00	100.00(a)
14 Endrin					CAS #: 72-20-8		
6.727	6.727	0.000	898399	277.341		80.00- 120.00	100.00(a)
15 Endrin aldehyde					CAS #: 7421-93-4		
7.390	7.387	0.003	8192	3.04597		80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
8.170	8.167	0.003	22450	7.00802		80.00- 120.00	100.00(a)

QC Flag Legend

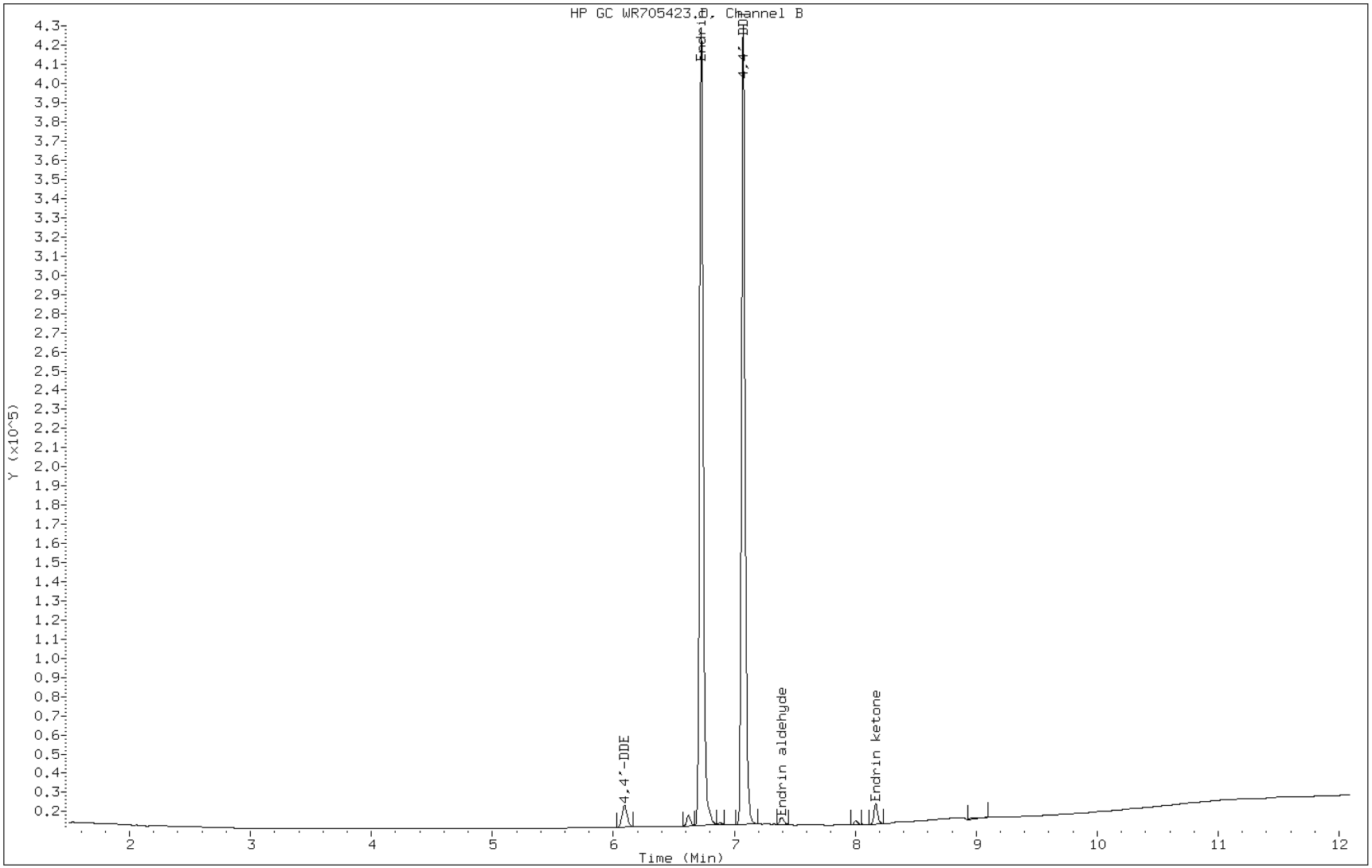
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR705423.D

Date: 13-AUG-2012 06:49

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00018 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVRT 460-123919/2 Calibration Date: 08/13/2012 13:39

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xf137533.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3691	3561		96.5	100	-3.5	15.0
gamma-BHC (Lindane)	Ave	3337	3283		98.4	100	-1.6	15.0
beta-BHC	Ave	1650	1631		98.9	100	-1.1	15.0
delta-BHC	Ave	3343	3404		102	100	1.8	15.0
Heptachlor	Ave	3486	3600		103	100	3.3	15.0
Aldrin	Ave	3372	3422		102	100	1.5	15.0
Heptachlor epoxide	Ave	3082	3109		101	100	0.9	15.0
gamma-Chlordane	Ave	3093	3111		101	100	0.6	15.0
alpha-Chlordane	Ave	2795	2773		99.2	100	-0.8	15.0
Endosulfan I	Ave	2553	2502		98.0	100	-2.0	15.0
4,4'-DDE	Ave	2576	2542		98.7	100	-1.3	15.0
Dieldrin	Ave	2620	2594		99.0	100	-1.0	15.0
Endrin	Ave	2293	2235		97.5	100	-2.5	15.0
4,4'-DDD	Ave	2057	1967		95.6	100	-4.4	15.0
Endosulfan II	Ave	2265	2217		97.9	100	-2.1	15.0
4,4'-DDT	Ave	2094	2016		96.3	100	-3.7	15.0
Endrin aldehyde	Ave	1802	1776		98.6	100	-1.4	15.0
Endosulfan sulfate	Ave	1976	1898		96.1	100	-3.9	15.0
Methoxychlor	Ave	959.2	872.2		90.9	100	-9.1	15.0
Endrin ketone	Ave	1998	1850		92.6	100	-7.4	15.0
Tetrachloro-m-xylene	Ave	2804	2651		94.5	100	-5.5	15.0
DCB Decachlorobiphenyl	Ave	2031	1937		95.4	100	-4.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVRT 460-123919/2 Calibration Date: 08/13/2012 13:39

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xf137533.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.91	2.86	2.96
gamma-BHC (Lindane)	3.30	3.25	3.35
beta-BHC	3.39	3.34	3.44
delta-BHC	3.92	3.87	3.97
Heptachlor	4.09	4.04	4.14
Aldrin	4.94	4.89	4.99
Heptachlor epoxide	6.47	6.40	6.54
gamma-Chlordane	6.93	6.86	7.00
alpha-Chlordane	7.22	7.15	7.29
Endosulfan I	7.32	7.25	7.39
4,4'-DDE	7.45	7.38	7.52
Dieldrin	7.69	7.62	7.76
Endrin	8.05	7.98	8.12
4,4'-DDD	8.14	8.07	8.21
Endosulfan II	8.29	8.22	8.36
4,4'-DDT	8.52	8.45	8.59
Endrin aldehyde	8.69	8.62	8.76
Endosulfan sulfate	9.03	8.96	9.10
Methoxychlor	9.30	9.23	9.37
Endrin ketone	9.56	9.49	9.63
Tetrachloro-m-xylene	2.39	2.34	2.44
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVRT 460-123919/2 Calibration Date: 08/13/2012 13:39

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xr137533.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	9324	10577		113	100	13.4	15.0
gamma-BHC (Lindane)	Ave	7321	8206		112	100	12.1	15.0
beta-BHC	Ave	4989	5557		111	100	11.4	15.0
delta-BHC	Ave	7704	8428		109	100	9.4	15.0
Heptachlor	Ave	7330	8374		114	100	14.2	15.0
Aldrin	Ave	6918	8026		116	100	16.0*	15.0
Heptachlor epoxide	Ave	6433	7269		113	100	13.0	15.0
gamma-Chlordane	Ave	6790	7659		113	100	12.8	15.0
alpha-Chlordane	Ave	6479	7379		114	100	13.9	15.0
4,4'-DDE	Ave	5934	6822		115	100	15.0	15.0
Endosulfan I	Ave	6146	6848		111	100	11.4	15.0
Dieldrin	Ave	6253	7038		113	100	12.6	15.0
Endrin	Ave	5676	6242		110	100	10.0	15.0
4,4'-DDD	Ave	5112	5501		108	100	7.6	15.0
Endosulfan II	Ave	5397	5890		109	100	9.1	15.0
4,4'-DDT	Ave	5143	5501		107	100	7.0	15.0
Endrin aldehyde	Ave	3873	4232		109	100	9.3	15.0
Methoxychlor	Ave	2356	2340		99.3	100	-0.7	15.0
Endosulfan sulfate	Ave	4059	4203		104	100	3.6	15.0
Endrin ketone	Ave	4343	4494		103	100	3.5	15.0
Tetrachloro-m-xylene	Ave	7587	8274		109	100	9.1	15.0
DCB Decachlorobiphenyl	Ave	4364	4476		103	100	2.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVRT 460-123919/2 Calibration Date: 08/13/2012 13:39

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xr137533.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.33	2.28	2.38
gamma-BHC (Lindane)	2.55	2.50	2.60
beta-BHC	2.61	2.56	2.66
delta-BHC	2.75	2.70	2.80
Heptachlor	2.92	2.87	2.97
Aldrin	3.20	3.15	3.25
Heptachlor epoxide	4.14	4.07	4.21
gamma-Chlordane	4.43	4.36	4.50
alpha-Chlordane	4.75	4.68	4.82
4,4'-DDE	4.96	4.89	5.03
Endosulfan I	5.08	5.01	5.15
Dieldrin	5.69	5.62	5.76
Endrin	6.28	6.21	6.35
4,4'-DDD	6.47	6.40	6.54
Endosulfan II	6.80	6.74	6.88
4,4'-DDT	7.09	7.02	7.16
Endrin aldehyde	7.52	7.45	7.59
Methoxychlor	7.75	7.68	7.82
Endosulfan sulfate	8.01	7.94	8.08
Endrin ketone	8.32	8.25	8.39
Tetrachloro-m-xylene	1.93	1.88	1.98
DCB Decachlorobiphenyl	9.42	9.33	9.53

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123919/24 Calibration Date: 08/13/2012 18:43

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xf137555.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3691	3718		101	100	0.7	15.0
gamma-BHC (Lindane)	Ave	3337	3434		103	100	2.9	15.0
beta-BHC	Ave	1650	1703		103	100	3.2	15.0
delta-BHC	Ave	3343	3623		108	100	8.4	15.0
Heptachlor	Ave	3486	3787		109	100	8.6	15.0
Aldrin	Ave	3372	3624		107	100	7.5	15.0
Heptachlor epoxide	Ave	3082	3284		107	100	6.5	15.0
gamma-Chlordane	Ave	3093	3273		106	100	5.8	15.0
alpha-Chlordane	Ave	2795	2908		104	100	4.1	15.0
Endosulfan I	Ave	2553	2643		104	100	3.5	15.0
4,4'-DDE	Ave	2576	2690		104	100	4.4	15.0
Dieldrin	Ave	2620	2730		104	100	4.2	15.0
Endrin	Ave	2293	2281		99.5	100	-0.5	15.0
4,4'-DDD	Ave	2057	2196		107	100	6.8	15.0
Endosulfan II	Ave	2265	2327		103	100	2.7	15.0
4,4'-DDT	Ave	2094	2138		102	100	2.1	15.0
Endrin aldehyde	Ave	1802	1903		106	100	5.6	15.0
Endosulfan sulfate	Ave	1976	1988		101	100	0.6	15.0
Methoxychlor	Ave	959.2	1009		105	100	5.1	15.0
Endrin ketone	Ave	1998	1984		99.3	100	-0.7	15.0
Tetrachloro-m-xylene	Ave	2804	2755		98.3	100	-1.7	15.0
DCB Decachlorobiphenyl	Ave	2031	2021		99.5	100	-0.5	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123919/24 Calibration Date: 08/13/2012 18:43

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xf137555.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.91	2.86	2.96
gamma-BHC (Lindane)	3.30	3.25	3.35
beta-BHC	3.39	3.34	3.44
delta-BHC	3.92	3.87	3.97
Heptachlor	4.09	4.04	4.14
Aldrin	4.94	4.89	4.99
Heptachlor epoxide	6.47	6.40	6.54
gamma-Chlordane	6.93	6.86	7.00
alpha-Chlordane	7.22	7.15	7.29
Endosulfan I	7.32	7.25	7.39
4,4'-DDE	7.45	7.38	7.52
Dieldrin	7.69	7.62	7.76
Endrin	8.05	7.98	8.12
4,4'-DDD	8.14	8.07	8.21
Endosulfan II	8.29	8.22	8.36
4,4'-DDT	8.52	8.45	8.59
Endrin aldehyde	8.69	8.62	8.76
Endosulfan sulfate	9.03	8.96	9.10
Methoxychlor	9.30	9.23	9.37
Endrin ketone	9.56	9.49	9.63
Tetrachloro-m-xylene	2.39	2.34	2.44
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123919/24 Calibration Date: 08/13/2012 18:43

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xr137555.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	9324	10758		115	100	15.4*	15.0
gamma-BHC (Lindane)	Ave	7321	8320		114	100	13.6	15.0
beta-BHC	Ave	4989	5702		114	100	14.3	15.0
delta-BHC	Ave	7704	8694		113	100	12.8	15.0
Heptachlor	Ave	7330	8538		116	100	16.5*	15.0
Aldrin	Ave	6918	8265		119	100	19.5*	15.0
Heptachlor epoxide	Ave	6433	7548		117	100	17.3*	15.0
gamma-Chlordane	Ave	6790	7989		118	100	17.7*	15.0
alpha-Chlordane	Ave	6479	7202		111	100	11.1	15.0
4,4'-DDE	Ave	5934	6599		111	100	11.2	15.0
Endosulfan I	Ave	6146	6747		110	100	9.8	15.0
Dieldrin	Ave	6253	7300		117	100	16.7*	15.0
Endrin	Ave	5676	6296		111	100	10.9	15.0
4,4'-DDD	Ave	5112	6043		118	100	18.2*	15.0
Endosulfan II	Ave	5397	6078		113	100	12.6	15.0
4,4'-DDT	Ave	5143	5644		110	100	9.7	15.0
Endrin aldehyde	Ave	3873	4457		115	100	15.1*	15.0
Methoxychlor	Ave	2356	2475		105	100	5.0	15.0
Endosulfan sulfate	Ave	4059	4275		105	100	5.3	15.0
Endrin ketone	Ave	4343	4828		111	100	11.2	15.0
Tetrachloro-m-xylene	Ave	7587	8407		111	100	10.8	15.0
DCB Decachlorobiphenyl	Ave	4364	4734		108	100	8.5	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123919/24 Calibration Date: 08/13/2012 18:43

Instrument ID: PESTGC1 Calib Start Date: 08/13/2012 08:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/13/2012 09:16

Lab File ID: xr137555.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.33	2.28	2.38
gamma-BHC (Lindane)	2.55	2.50	2.60
beta-BHC	2.61	2.56	2.66
delta-BHC	2.75	2.70	2.80
Heptachlor	2.92	2.87	2.97
Aldrin	3.20	3.15	3.25
Heptachlor epoxide	4.14	4.07	4.21
gamma-Chlordane	4.43	4.36	4.50
alpha-Chlordane	4.75	4.68	4.82
4,4'-DDE	4.96	4.89	5.03
Endosulfan I	5.08	5.01	5.15
Dieldrin	5.69	5.62	5.76
Endrin	6.28	6.21	6.35
4,4'-DDD	6.47	6.40	6.54
Endosulfan II	6.81	6.74	6.88
4,4'-DDT	7.09	7.02	7.16
Endrin aldehyde	7.52	7.45	7.59
Methoxychlor	7.75	7.68	7.82
Endosulfan sulfate	8.01	7.94	8.08
Endrin ketone	8.32	8.25	8.39
Tetrachloro-m-xylene	1.93	1.88	1.98
DCB Decachlorobiphenyl	9.43	9.33	9.53

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123327/2 Calibration Date: 08/06/2012 12:06

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705146.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5797	5946		103	100	2.6	15.0
gamma-BHC (Lindane)	Ave	5362	5434		101	100	1.3	15.0
beta-BHC	Ave	2585	2676		104	100	3.5	15.0
delta-BHC	Ave	5052	5012		99.2	100	-0.8	15.0
Heptachlor	Ave	5095	5383		106	100	5.7	15.0
Aldrin	Ave	5058	5181		102	100	2.4	15.0
Heptachlor epoxide	Ave	3773	3729		98.8	100	-1.2	15.0
gamma-Chlordane	Ave	3763	3734		99.2	100	-0.8	15.0
alpha-Chlordane	Ave	3548	3490		98.4	100	-1.6	15.0
Endosulfan I	Ave	3502	3451		98.5	100	-1.5	15.0
4,4'-DDE	Ave	3643	3615		99.2	100	-0.8	15.0
Dieldrin	Ave	3717	3650		98.2	100	-1.8	15.0
Endrin	Ave	3222	3222		100	100	-0.0	15.0
4,4'-DDD	Ave	2920	2953		101	100	1.1	15.0
Endosulfan II	Ave	3219	3135		97.4	100	-2.6	15.0
4,4'-DDT	Ave	2995	2991		99.8	100	-0.2	15.0
Endrin aldehyde	Ave	2319	2240		96.6	100	-3.4	15.0
Endosulfan sulfate	Ave	2495	2279		91.3	100	-8.7	15.0
Methoxychlor	Ave	1242	1381		111	100	11.2	15.0
Endrin ketone	Ave	2823	2407		85.3	100	-14.7	15.0
Tetrachloro-m-xylene	Ave	4200	4076		97.0	100	-3.0	15.0
DCB Decachlorobiphenyl	Ave	2804	2731		97.4	100	-2.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123327/2 Calibration Date: 08/06/2012 12:06

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705146.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.49	3.44	3.54
gamma-BHC (Lindane)	4.21	4.16	4.26
beta-BHC	4.36	4.31	4.41
delta-BHC	4.95	4.90	5.00
Heptachlor	5.10	5.05	5.15
Aldrin	5.79	5.74	5.84
Heptachlor epoxide	6.64	6.57	6.71
gamma-Chlordane	6.84	6.77	6.91
alpha-Chlordane	6.99	6.92	7.06
Endosulfan I	7.06	6.99	7.13
4,4'-DDE	7.15	7.08	7.22
Dieldrin	7.36	7.29	7.43
Endrin	7.71	7.64	7.78
4,4'-DDD	7.80	7.73	7.87
Endosulfan II	7.95	7.88	8.02
4,4'-DDT	8.16	8.09	8.23
Endrin aldehyde	8.31	8.24	8.38
Endosulfan sulfate	8.55	8.48	8.62
Methoxychlor	8.73	8.66	8.80
Endrin ketone	8.94	8.87	9.01
Tetrachloro-m-xylene	2.39	2.33	2.43
DCB Decachlorobiphenyl	9.94	9.84	10.04

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123327/2 Calibration Date: 08/06/2012 12:06

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705146.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5503	5299		96.3	100	-3.7	15.0
gamma-BHC (Lindane)	Ave	5222	5120		98.0	100	-2.0	15.0
beta-BHC	Ave	2548	2466		96.8	100	-3.2	15.0
delta-BHC	Ave	4881	4666		95.6	100	-4.4	15.0
Heptachlor	Ave	4507	4724		105	100	4.8	15.0
Aldrin	Ave	4602	4686		102	100	1.8	15.0
Heptachlor epoxide	Ave	4316	4371		101	100	1.3	15.0
gamma-Chlordane	Ave	4514	4572		101	100	1.3	15.0
alpha-Chlordane	Ave	4288	4307		100	100	0.4	15.0
4,4'-DDE	Ave	4020	4122		103	100	2.6	15.0
Endosulfan I	Ave	3839	3896		101	100	1.5	15.0
Dieldrin	Ave	3937	3969		101	100	0.8	15.0
Endrin	Ave	3239	3325		103	100	2.6	15.0
4,4'-DDD	Ave	3230	3312		103	100	2.5	15.0
Endosulfan II	Ave	3388	3348		98.8	100	-1.2	15.0
4,4'-DDT	Ave	3237	3384		105	100	4.5	15.0
Endrin aldehyde	Ave	2689	2731		102	100	1.6	15.0
Methoxychlor	Ave	1513	1664		110	100	10.0	15.0
Endosulfan sulfate	Ave	3012	2876		95.5	100	-4.5	15.0
Endrin ketone	Ave	3203	2941		91.8	100	-8.2	15.0
Tetrachloro-m-xylene	Ave	4172	3928		94.1	100	-5.9	15.0
DCB Decachlorobiphenyl	Ave	2853	2865		100	100	0.4	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123327/2 Calibration Date: 08/06/2012 12:06

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705146.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.46	2.40	2.50
gamma-BHC (Lindane)	2.94	2.88	2.98
beta-BHC	3.10	3.05	3.15
delta-BHC	3.41	3.36	3.46
Heptachlor	3.80	3.75	3.85
Aldrin	4.34	4.29	4.39
Heptachlor epoxide	5.46	5.39	5.53
gamma-Chlordane	5.70	5.63	5.77
alpha-Chlordane	5.97	5.89	6.03
4,4'-DDE	6.09	6.02	6.16
Endosulfan I	6.18	6.11	6.25
Dieldrin	6.48	6.41	6.55
Endrin	6.73	6.66	6.80
4,4'-DDD	6.79	6.72	6.86
Endosulfan II	6.95	6.88	7.02
4,4'-DDT	7.07	7.00	7.14
Endrin aldehyde	7.39	7.32	7.46
Methoxychlor	7.58	7.51	7.65
Endosulfan sulfate	7.86	7.79	7.93
Endrin ketone	8.17	8.10	8.24
Tetrachloro-m-xylene	1.90	1.85	1.95
DCB Decachlorobiphenyl	8.95	8.85	9.05

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123327/30 Calibration Date: 08/06/2012 18:34

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705173.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5797	6095		105	100	5.1	15.0
gamma-BHC (Lindane)	Ave	5362	5588		104	100	4.2	15.0
beta-BHC	Ave	2585	2699		104	100	4.4	15.0
delta-BHC	Ave	5052	5267		104	100	4.2	15.0
Heptachlor	Ave	5095	5330		105	100	4.6	15.0
Aldrin	Ave	5058	5344		106	100	5.7	15.0
Heptachlor epoxide	Ave	3773	3867		102	100	2.5	15.0
gamma-Chlordane	Ave	3763	3842		102	100	2.1	15.0
alpha-Chlordane	Ave	3548	3613		102	100	1.8	15.0
Endosulfan I	Ave	3502	3604		103	100	2.9	15.0
4,4'-DDE	Ave	3643	3736		103	100	2.6	15.0
Dieldrin	Ave	3717	3810		102	100	2.5	15.0
Endrin	Ave	3222	3308		103	100	2.7	15.0
4,4'-DDD	Ave	2920	3083		106	100	5.6	15.0
Endosulfan II	Ave	3219	3240		101	100	0.6	15.0
4,4'-DDT	Ave	2995	3049		102	100	1.8	15.0
Endrin aldehyde	Ave	2319	2355		102	100	1.5	15.0
Endosulfan sulfate	Ave	2495	2371		95.0	100	-5.0	15.0
Methoxychlor	Ave	1242	1381		111	100	11.2	15.0
Endrin ketone	Ave	2823	2624		92.9	100	-7.1	15.0
Tetrachloro-m-xylene	Ave	4200	4237		101	100	0.9	15.0
DCB Decachlorobiphenyl	Ave	2804	2798		99.8	100	-0.2	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123327/30 Calibration Date: 08/06/2012 18:34

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705173.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.49	3.44	3.54
gamma-BHC (Lindane)	4.21	4.16	4.26
beta-BHC	4.36	4.31	4.41
delta-BHC	4.95	4.90	5.00
Heptachlor	5.10	5.05	5.15
Aldrin	5.79	5.74	5.84
Heptachlor epoxide	6.64	6.57	6.71
gamma-Chlordane	6.84	6.77	6.91
alpha-Chlordane	6.99	6.92	7.06
Endosulfan I	7.06	6.99	7.13
4,4'-DDE	7.15	7.08	7.22
Dieldrin	7.36	7.29	7.43
Endrin	7.71	7.64	7.78
4,4'-DDD	7.80	7.73	7.87
Endosulfan II	7.95	7.88	8.02
4,4'-DDT	8.16	8.09	8.23
Endrin aldehyde	8.31	8.24	8.38
Endosulfan sulfate	8.55	8.48	8.62
Methoxychlor	8.73	8.66	8.80
Endrin ketone	8.94	8.87	9.01
Tetrachloro-m-xylene	2.38	2.33	2.43
DCB Decachlorobiphenyl	9.94	9.84	10.04

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123327/30 Calibration Date: 08/06/2012 18:34

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705173.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5503	5636		102	100	2.4	15.0
gamma-BHC (Lindane)	Ave	5222	5413		104	100	3.7	15.0
beta-BHC	Ave	2548	2584		101	100	1.4	15.0
delta-BHC	Ave	4881	5052		104	100	3.5	15.0
Heptachlor	Ave	4507	4531		101	100	0.5	15.0
Aldrin	Ave	4602	4937		107	100	7.3	15.0
Heptachlor epoxide	Ave	4316	4632		107	100	7.3	15.0
gamma-Chlordane	Ave	4514	4820		107	100	6.8	15.0
alpha-Chlordane	Ave	4288	4537		106	100	5.8	15.0
4,4'-DDE	Ave	4020	4377		109	100	8.9	15.0
Endosulfan I	Ave	3839	4094		107	100	6.7	15.0
Dieldrin	Ave	3937	4211		107	100	7.0	15.0
Endrin	Ave	3239	3465		107	100	7.0	15.0
4,4'-DDD	Ave	3230	3578		111	100	10.8	15.0
Endosulfan II	Ave	3388	3556		105	100	4.9	15.0
4,4'-DDT	Ave	3237	3434		106	100	6.1	15.0
Endrin aldehyde	Ave	2689	2923		109	100	8.7	15.0
Methoxychlor	Ave	1513	1610		106	100	6.4	15.0
Endosulfan sulfate	Ave	3012	3025		100	100	0.4	15.0
Endrin ketone	Ave	3203	3286		103	100	2.6	15.0
Tetrachloro-m-xylene	Ave	4172	4190		100	100	0.4	15.0
DCB Decachlorobiphenyl	Ave	2853	2961		104	100	3.8	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123327/30 Calibration Date: 08/06/2012 18:34

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705173.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.45	2.40	2.50
gamma-BHC (Lindane)	2.93	2.88	2.98
beta-BHC	3.10	3.05	3.15
delta-BHC	3.41	3.36	3.46
Heptachlor	3.80	3.75	3.85
Aldrin	4.34	4.29	4.39
Heptachlor epoxide	5.46	5.39	5.53
gamma-Chlordane	5.70	5.63	5.77
alpha-Chlordane	5.96	5.89	6.03
4,4'-DDE	6.09	6.02	6.16
Endosulfan I	6.18	6.11	6.25
Dieldrin	6.48	6.41	6.55
Endrin	6.73	6.66	6.80
4,4'-DDD	6.79	6.72	6.86
Endosulfan II	6.95	6.88	7.02
4,4'-DDT	7.07	7.00	7.14
Endrin aldehyde	7.39	7.32	7.46
Methoxychlor	7.58	7.51	7.65
Endosulfan sulfate	7.86	7.79	7.93
Endrin ketone	8.17	8.10	8.24
Tetrachloro-m-xylene	1.90	1.85	1.95
DCB Decachlorobiphenyl	8.95	8.85	9.05

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVRT 460-123769/4 Calibration Date: 08/13/2012 07:03

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705424.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5797	5619		96.9	100	-3.1	15.0
gamma-BHC (Lindane)	Ave	5362	5096		95.0	100	-5.0	15.0
beta-BHC	Ave	2585	2455		94.9	100	-5.1	15.0
delta-BHC	Ave	5052	4794		94.9	100	-5.1	15.0
Heptachlor	Ave	5095	5059		99.3	100	-0.7	15.0
Aldrin	Ave	5058	4882		96.5	100	-3.5	15.0
Heptachlor epoxide	Ave	3773	3586		95.0	100	-5.0	15.0
gamma-Chlordane	Ave	3763	3556		94.5	100	-5.5	15.0
alpha-Chlordane	Ave	3548	3341		94.2	100	-5.8	15.0
Endosulfan I	Ave	3502	3293		94.0	100	-6.0	15.0
4,4'-DDE	Ave	3643	3465		95.1	100	-4.9	15.0
Dieldrin	Ave	3717	3532		95.0	100	-5.0	15.0
Endrin	Ave	3222	3166		98.2	100	-1.8	15.0
4,4'-DDD	Ave	2920	2889		98.9	100	-1.1	15.0
Endosulfan II	Ave	3219	3041		94.5	100	-5.5	15.0
4,4'-DDT	Ave	2995	2892		96.5	100	-3.5	15.0
Endrin aldehyde	Ave	2319	2205		95.1	100	-4.9	15.0
Endosulfan sulfate	Ave	2495	2288		91.7	100	-8.3	15.0
Methoxychlor	Ave	1242	1318		106	100	6.1	15.0
Endrin ketone	Ave	2823	2520		89.2	100	-10.8	15.0
Tetrachloro-m-xylene	Ave	4200	3844		91.5	100	-8.5	15.0
DCB Decachlorobiphenyl	Ave	2804	2583		92.1	100	-7.9	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVRT 460-123769/4 Calibration Date: 08/13/2012 07:03

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705424.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.49	3.44	3.54
gamma-BHC (Lindane)	4.21	4.16	4.26
beta-BHC	4.36	4.31	4.41
delta-BHC	4.95	4.90	5.00
Heptachlor	5.10	5.05	5.15
Aldrin	5.79	5.74	5.84
Heptachlor epoxide	6.64	6.57	6.71
gamma-Chlordane	6.84	6.77	6.91
alpha-Chlordane	6.99	6.92	7.06
Endosulfan I	7.06	6.99	7.13
4,4'-DDE	7.15	7.08	7.22
Dieldrin	7.36	7.29	7.43
Endrin	7.71	7.64	7.78
4,4'-DDD	7.79	7.73	7.87
Endosulfan II	7.95	7.88	8.02
4,4'-DDT	8.16	8.09	8.23
Endrin aldehyde	8.31	8.24	8.38
Endosulfan sulfate	8.55	8.48	8.62
Methoxychlor	8.73	8.66	8.80
Endrin ketone	8.94	8.87	9.01
Tetrachloro-m-xylene	2.38	2.33	2.43
DCB Decachlorobiphenyl	9.94	9.84	10.04

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVRT 460-123769/4 Calibration Date: 08/13/2012 07:03

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705424.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5503	5339		97.0	100	-3.0	15.0
gamma-BHC (Lindane)	Ave	5222	5076		97.2	100	-2.8	15.0
beta-BHC	Ave	2548	2401		94.2	100	-5.8	15.0
delta-BHC	Ave	4881	4678		95.8	100	-4.2	15.0
Heptachlor	Ave	4507	4801		107	100	6.5	15.0
Aldrin	Ave	4602	4553		98.9	100	-1.1	15.0
Heptachlor epoxide	Ave	4316	4272		99.0	100	-1.0	15.0
gamma-Chlordane	Ave	4514	4376		96.9	100	-3.1	15.0
alpha-Chlordane	Ave	4288	4104		95.7	100	-4.3	15.0
4,4'-DDE	Ave	4020	3992		99.3	100	-0.7	15.0
Endosulfan I	Ave	3839	3783		98.5	100	-1.5	15.0
Dieldrin	Ave	3937	3857		98.0	100	-2.0	15.0
Endrin	Ave	3239	3291		102	100	1.6	15.0
4,4'-DDD	Ave	3230	3276		101	100	1.4	15.0
Endosulfan II	Ave	3388	3291		97.1	100	-2.9	15.0
4,4'-DDT	Ave	3237	3351		104	100	3.5	15.0
Endrin aldehyde	Ave	2689	2697		100	100	0.3	15.0
Methoxychlor	Ave	1513	1710		113	100	13.0	15.0
Endosulfan sulfate	Ave	3012	2898		96.2	100	-3.8	15.0
Endrin ketone	Ave	3203	3127		97.6	100	-2.4	15.0
Tetrachloro-m-xylene	Ave	4172	3896		93.4	100	-6.6	15.0
DCB Decachlorobiphenyl	Ave	2853	2708		94.9	100	-5.1	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCVRT 460-123769/4 Calibration Date: 08/13/2012 07:03

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705424.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.45	2.40	2.50
gamma-BHC (Lindane)	2.93	2.88	2.98
beta-BHC	3.10	3.04	3.14
delta-BHC	3.41	3.36	3.46
Heptachlor	3.80	3.74	3.84
Aldrin	4.34	4.29	4.39
Heptachlor epoxide	5.46	5.39	5.53
gamma-Chlordane	5.70	5.63	5.77
alpha-Chlordane	5.96	5.89	6.03
4,4'-DDE	6.09	6.02	6.16
Endosulfan I	6.18	6.11	6.25
Dieldrin	6.48	6.41	6.55
Endrin	6.73	6.66	6.80
4,4'-DDD	6.79	6.72	6.86
Endosulfan II	6.95	6.88	7.02
4,4'-DDT	7.07	7.00	7.14
Endrin aldehyde	7.39	7.32	7.46
Methoxychlor	7.58	7.51	7.65
Endosulfan sulfate	7.86	7.79	7.93
Endrin ketone	8.17	8.10	8.24
Tetrachloro-m-xylene	1.90	1.85	1.95
DCB Decachlorobiphenyl	8.95	8.85	9.05

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123769/26 Calibration Date: 08/13/2012 12:19

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705446.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5797	5996		103	100	3.4	15.0
gamma-BHC (Lindane)	Ave	5362	5516		103	100	2.9	15.0
beta-BHC	Ave	2585	2683		104	100	3.8	15.0
delta-BHC	Ave	5052	5179		103	100	2.5	15.0
Heptachlor	Ave	5095	5270		103	100	3.4	15.0
Aldrin	Ave	5058	5226		103	100	3.3	15.0
Heptachlor epoxide	Ave	3773	3799		101	100	0.7	15.0
gamma-Chlordane	Ave	3763	3831		102	100	1.8	15.0
alpha-Chlordane	Ave	3548	3591		101	100	1.2	15.0
Endosulfan I	Ave	3502	3567		102	100	1.9	15.0
4,4'-DDE	Ave	3643	3707		102	100	1.8	15.0
Dieldrin	Ave	3717	3751		101	100	0.9	15.0
Endrin	Ave	3222	3270		101	100	1.5	15.0
4,4'-DDD	Ave	2920	3088		106	100	5.7	15.0
Endosulfan II	Ave	3219	3229		100	100	0.3	15.0
4,4'-DDT	Ave	2995	3026		101	100	1.0	15.0
Endrin aldehyde	Ave	2319	2343		101	100	1.0	15.0
Endosulfan sulfate	Ave	2495	2365		94.8	100	-5.2	15.0
Methoxychlor	Ave	1242	1362		110	100	9.7	15.0
Endrin ketone	Ave	2823	2627		93.1	100	-6.9	15.0
Tetrachloro-m-xylene	Ave	4200	4146		98.7	100	-1.3	15.0
DCB Decachlorobiphenyl	Ave	2804	2730		97.4	100	-2.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123769/26 Calibration Date: 08/13/2012 12:19

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WF705446.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.49	3.44	3.54
gamma-BHC (Lindane)	4.21	4.16	4.26
beta-BHC	4.36	4.31	4.41
delta-BHC	4.95	4.90	5.00
Heptachlor	5.10	5.05	5.15
Aldrin	5.79	5.74	5.84
Heptachlor epoxide	6.64	6.57	6.71
gamma-Chlordane	6.84	6.77	6.91
alpha-Chlordane	6.99	6.92	7.06
Endosulfan I	7.06	6.99	7.13
4,4'-DDE	7.15	7.08	7.22
Dieldrin	7.36	7.29	7.43
Endrin	7.71	7.64	7.78
4,4'-DDD	7.80	7.73	7.87
Endosulfan II	7.95	7.88	8.02
4,4'-DDT	8.16	8.09	8.23
Endrin aldehyde	8.31	8.24	8.38
Endosulfan sulfate	8.55	8.48	8.62
Methoxychlor	8.73	8.66	8.80
Endrin ketone	8.94	8.87	9.01
Tetrachloro-m-xylene	2.38	2.33	2.43
DCB Decachlorobiphenyl	9.94	9.84	10.04

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123769/26 Calibration Date: 08/13/2012 12:19

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705446.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5503	5575		101	100	1.3	15.0
gamma-BHC (Lindane)	Ave	5222	5305		102	100	1.6	15.0
beta-BHC	Ave	2548	2514		98.7	100	-1.3	15.0
delta-BHC	Ave	4881	4925		101	100	0.9	15.0
Heptachlor	Ave	4507	4911		109	100	9.0	15.0
Aldrin	Ave	4602	4835		105	100	5.1	15.0
Heptachlor epoxide	Ave	4316	4505		104	100	4.4	15.0
gamma-Chlordane	Ave	4514	4686		104	100	3.8	15.0
alpha-Chlordane	Ave	4288	4420		103	100	3.1	15.0
4,4'-DDE	Ave	4020	4265		106	100	6.1	15.0
Endosulfan I	Ave	3839	4032		105	100	5.0	15.0
Dieldrin	Ave	3937	4107		104	100	4.3	15.0
Endrin	Ave	3239	3414		105	100	5.4	15.0
4,4'-DDD	Ave	3230	3400		105	100	5.3	15.0
Endosulfan II	Ave	3388	3421		101	100	1.0	15.0
4,4'-DDT	Ave	3237	3469		107	100	7.2	15.0
Endrin aldehyde	Ave	2689	2837		105	100	5.5	15.0
Methoxychlor	Ave	1513	1720		114	100	13.7	15.0
Endosulfan sulfate	Ave	3012	2992		99.3	100	-0.7	15.0
Endrin ketone	Ave	3203	3205		100	100	0.0	15.0
Tetrachloro-m-xylene	Ave	4172	4097		98.2	100	-1.8	15.0
DCB Decachlorobiphenyl	Ave	2853	2786		97.7	100	-2.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: CCV 460-123769/26 Calibration Date: 08/13/2012 12:19

Instrument ID: PESTGC4 Calib Start Date: 08/02/2012 08:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2012 09:25

Lab File ID: WR705446.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.45	2.40	2.50
gamma-BHC (Lindane)	2.93	2.88	2.98
beta-BHC	3.09	3.04	3.14
delta-BHC	3.41	3.36	3.46
Heptachlor	3.79	3.74	3.84
Aldrin	4.34	4.29	4.39
Heptachlor epoxide	5.46	5.39	5.53
gamma-Chlordane	5.70	5.63	5.77
alpha-Chlordane	5.96	5.89	6.03
4,4'-DDE	6.09	6.02	6.16
Endosulfan I	6.18	6.11	6.25
Dieldrin	6.48	6.41	6.55
Endrin	6.73	6.66	6.80
4,4'-DDD	6.79	6.72	6.86
Endosulfan II	6.95	6.88	7.02
4,4'-DDT	7.07	7.00	7.14
Endrin aldehyde	7.39	7.32	7.46
Methoxychlor	7.58	7.51	7.65
Endosulfan sulfate	7.86	7.79	7.93
Endrin ketone	8.17	8.10	8.24
Tetrachloro-m-xylene	1.90	1.85	1.95
DCB Decachlorobiphenyl	8.95	8.85	9.05

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122228/1-A
Matrix: Solid
Lab File ID: WF705171.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3541
Date Extracted: 08/02/2012 07:13
Sample wt/vol: 15.00(g)
Date Analyzed: 08/06/2012 18:06
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123327
Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	128		40-150
2051-24-3	DCB Decachlorobiphenyl	126		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705171.D
Lab Smp Id: MB 460-122228/1-A
Inj Date : 06-AUG-2012 18:06
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-122228/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 06:51 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WF704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

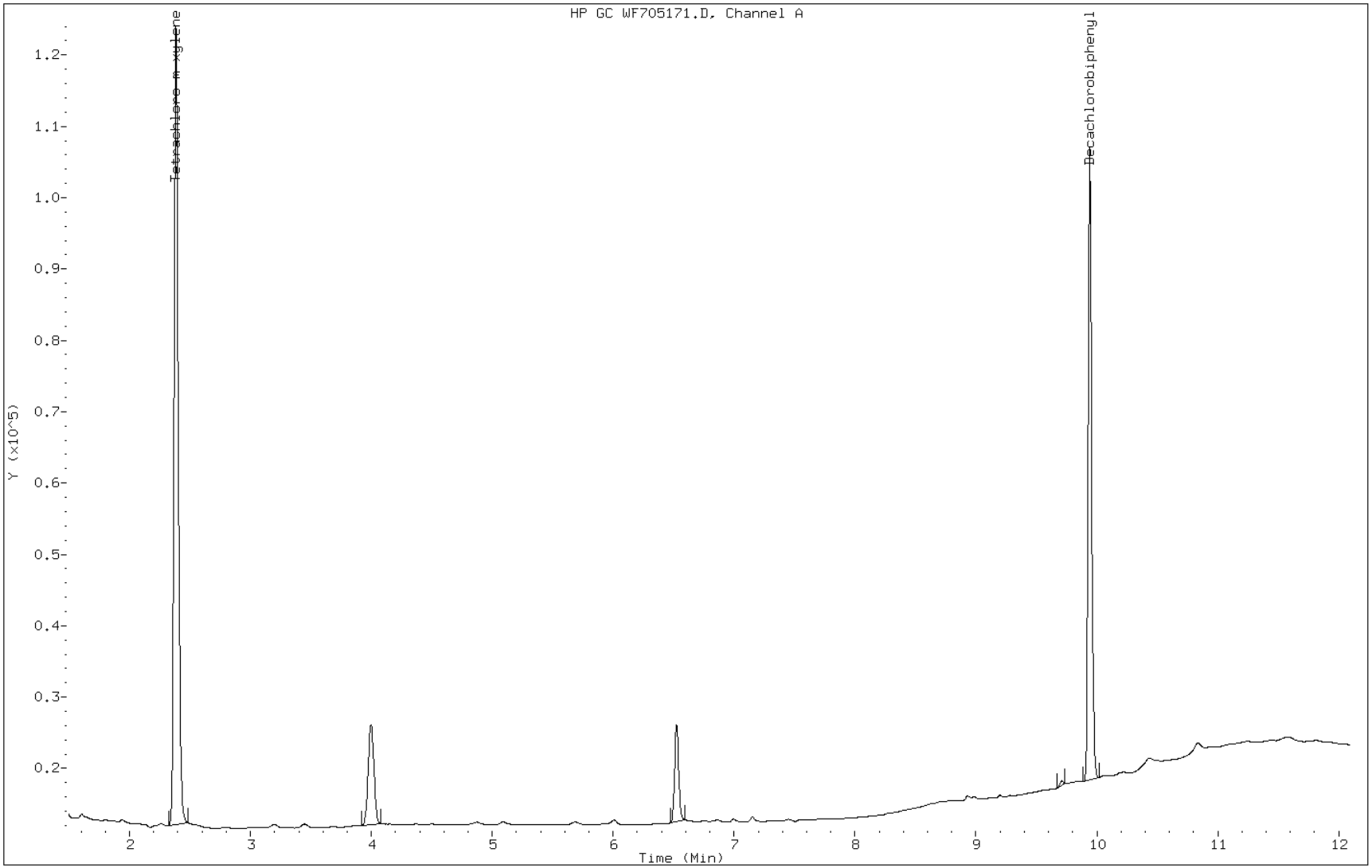
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.387	-0.004	268691	63.9684	43	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.940	9.943	-0.003	177153	63.1833	42	80.00- 120.00	100.00

Data File: WF705171.D

Date: 06-AUG-2012 18:06

Client ID: Instrument: PESTGC4.i

Sample Info: MB 460-122228/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122228/1-A
Matrix: Solid
Lab File ID: WR705171.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3541
Date Extracted: 08/02/2012 07:13
Sample wt/vol: 15.00(g)
Date Analyzed: 08/06/2012 18:06
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123327
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.5	U	6.7	1.5
319-84-6	alpha-BHC	1.2	U	6.7	1.2
319-85-7	beta-BHC	0.91	U	6.7	0.91
319-86-8	delta-BHC	1.0	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	0.78	U	6.7	0.78
57-74-9	Chlordane	15	U	67	15
72-54-8	4,4'-DDD	0.80	U	6.7	0.80
72-55-9	4,4'-DDE	1.3	U	6.7	1.3
50-29-3	4,4'-DDT	0.84	U	6.7	0.84
60-57-1	Dieldrin	1.3	U	6.7	1.3
959-98-8	Endosulfan I	1.4	U	6.7	1.4
33213-65-9	Endosulfan II	1.0	U	6.7	1.0
1031-07-8	Endosulfan sulfate	0.86	U	6.7	0.86
72-20-8	Endrin	0.94	U	6.7	0.94
7421-93-4	Endrin aldehyde	1.7	U	6.7	1.7
53494-70-5	Endrin ketone	0.99	U	6.7	0.99
76-44-8	Heptachlor	0.96	U	6.7	0.96
1024-57-3	Heptachlor epoxide	1.4	U	6.7	1.4
72-43-5	Methoxychlor	0.75	U	6.7	0.75
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	126		40-150
2051-24-3	DCB Decachlorobiphenyl	135		53-150

Data File: WR705171.D
Report Date: 09-Aug-2012 16:10

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705171.D
Lab Smp Id: MB 460-122228/1-A
Inj Date : 06-AUG-2012 18:06
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-122228/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 06-Aug-2012 12:25 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

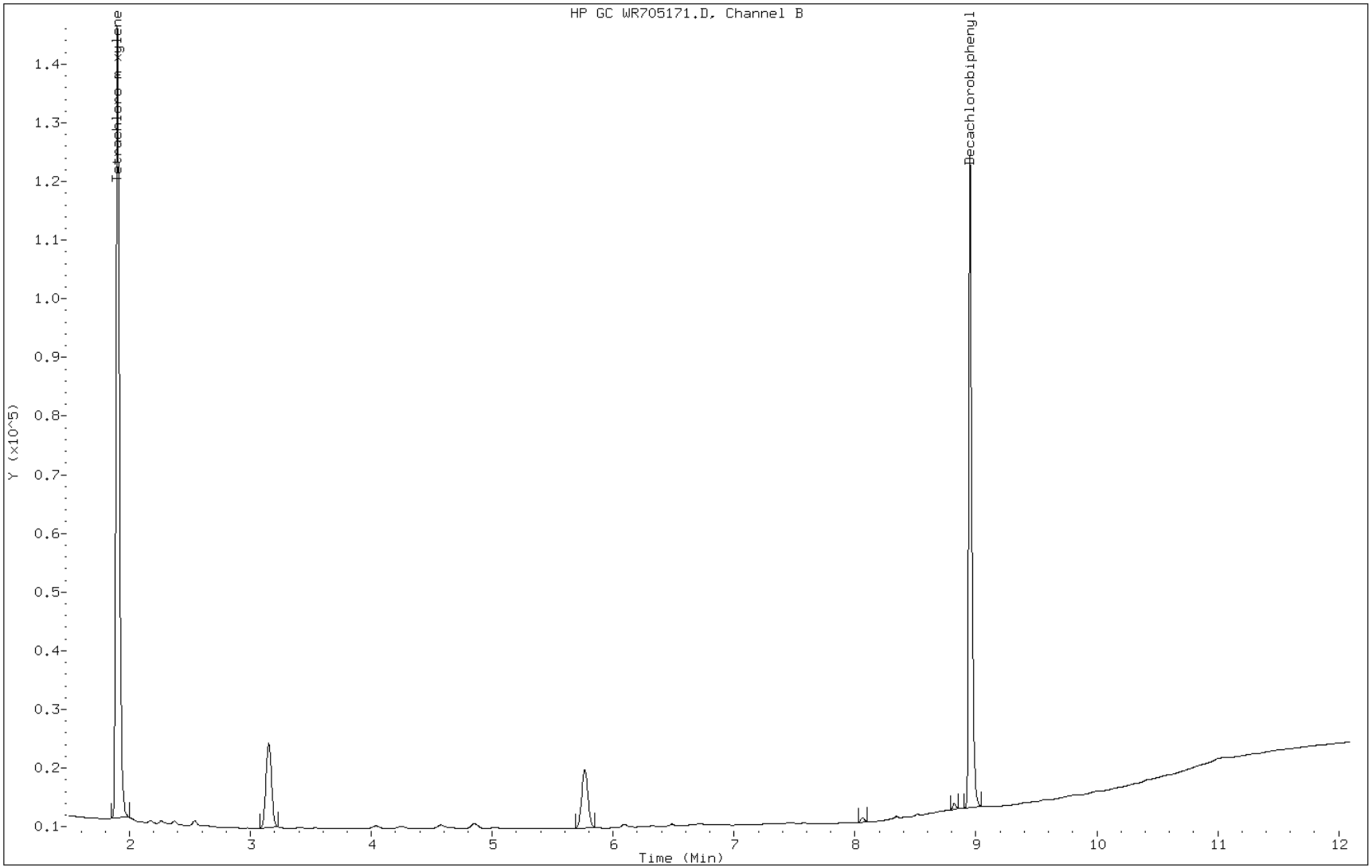
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	261937	62.7847	42	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	192816	67.5927	45	80.00- 120.00	100.00

Data File: WR705171.D

Date: 06-AUG-2012 18:06

Client ID: Instrument: PESTGC4.i

Sample Info: MB 460-122228/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122268/1-A
Matrix: Water
Lab File ID: xf137552.d
Analysis Method: 8081A
Date Collected:
Extraction Method: 3510C
Date Extracted: 08/02/2012 10:03
Sample wt/vol: 1000(mL)
Date Analyzed: 08/13/2012 18:02
Con. Extract Vol.: 5(mL)
Dilution Factor: 1
Injection Volume:
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123919
Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	115		49-132
2051-24-3	DCB Decachlorobiphenyl	103		37-144

Data File: xf137552.d
Report Date: 14-Aug-2012 10:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/xf137552.d
Lab Smp Id: MB 460-122268/1-A
Inj Date : 13-AUG-2012 18:02
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-122268/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/09Xf8081.m
Meth Date : 14-Aug-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xf137516.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

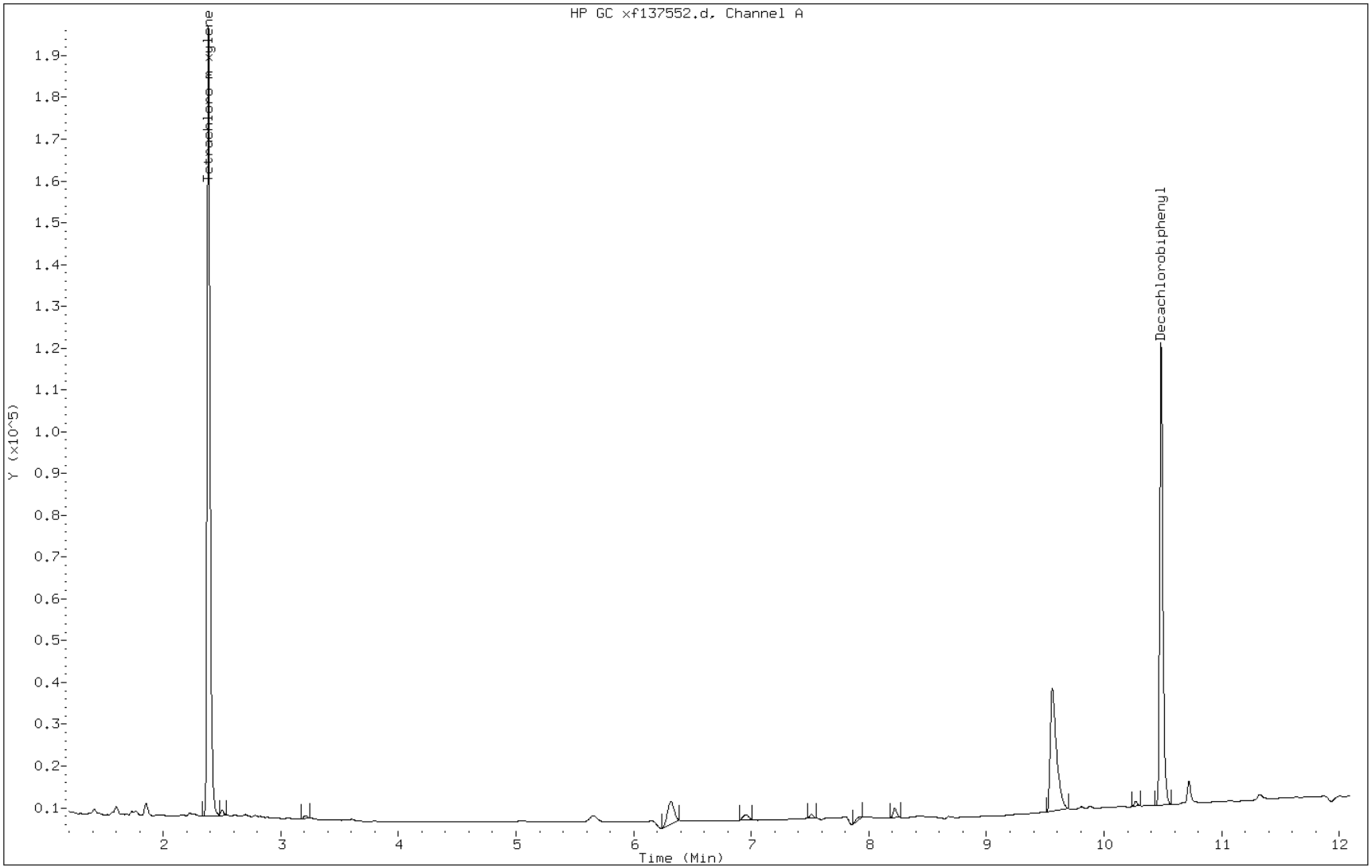
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.387	-0.004	322680	115.092	0.58	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.483	10.483	0.000	208442	102.648	0.51	80.00- 120.00	100.00

Data File: xf137552.d

Date: 13-AUG-2012 18:02

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-122268/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-122268/1-A
Matrix: Water
Lab File ID: xr137552.d
Analysis Method: 8081A
Date Collected:
Extraction Method: 3510C
Date Extracted: 08/02/2012 10:03
Sample wt/vol: 1000(mL)
Date Analyzed: 08/13/2012 18:02
Con. Extract Vol.: 5(mL)
Dilution Factor: 1
Injection Volume:
GC Column: CLP-1 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123919
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.010	U	0.050	0.010
319-84-6	alpha-BHC	0.010	U	0.050	0.010
319-85-7	beta-BHC	0.011	U	0.050	0.011
319-86-8	delta-BHC	0.0090	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.012	U	0.050	0.012
57-74-9	Chlordane	0.33	U	0.50	0.33
72-54-8	4,4'-DDD	0.011	U	0.050	0.011
72-55-9	4,4'-DDE	0.0090	U	0.050	0.0090
50-29-3	4,4'-DDT	0.010	U	0.050	0.010
60-57-1	Dieldrin	0.0050	U	0.050	0.0050
959-98-8	Endosulfan I	0.0090	U	0.050	0.0090
33213-65-9	Endosulfan II	0.010	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.016	U	0.050	0.016
72-20-8	Endrin	0.010	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.0090	U	0.050	0.0090
53494-70-5	Endrin ketone	0.011	U	0.050	0.011
76-44-8	Heptachlor	0.010	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.010	U	0.050	0.010
72-43-5	Methoxychlor	0.013	U	0.050	0.013
8001-35-2	Toxaphene	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	123		49-132
2051-24-3	DCB Decachlorobiphenyl	114		37-144

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/xr137552.d
Lab Smp Id: MB 460-122268/1-A
Inj Date : 13-AUG-2012 18:02
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-122268/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/09Xr8081.m
Meth Date : 14-Aug-2012 07:00 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xr137516.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

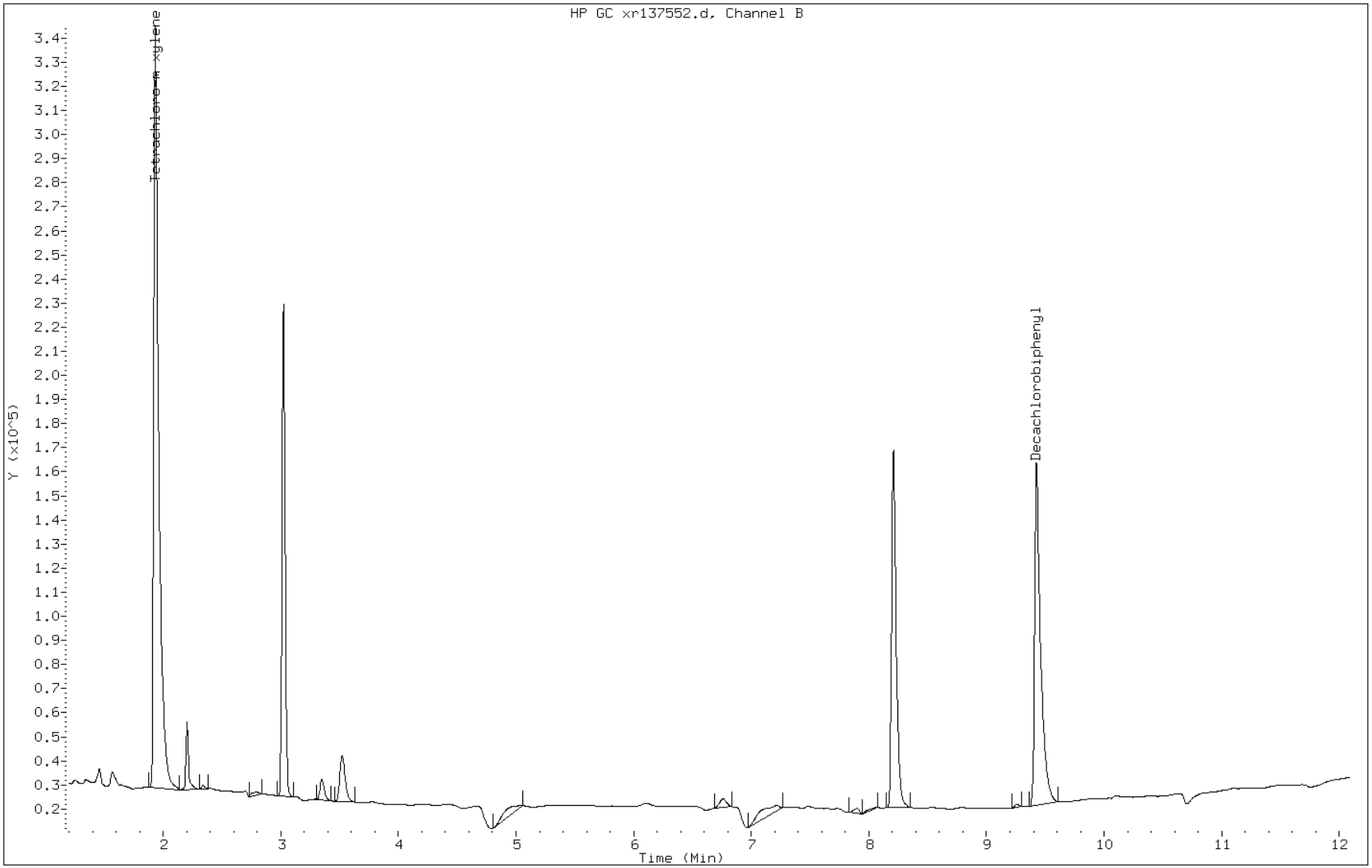
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.933	1.933	0.000	932807	122.947	0.61	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.423	9.427	-0.004	499185	114.375	0.57	80.00- 120.00	100.00

Data File: xr137552.d

Date: 13-AUG-2012 18:02

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-122268/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-122228/2-A

Matrix: Solid | Lab File ID: WF705149.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.00(g) | Date Analyzed: 08/06/2012 12:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	143		6.7	1.5
319-84-6	alpha-BHC	142		6.7	1.2
319-85-7	*beta-BHC*	*140*		*6.7*	*0.91*
319-86-8	delta-BHC	134		6.7	1.0
58-89-9	gamma-BHC (Lindane)	139		6.7	0.78
57-74-9	*Chlordane*	*15*	*U*	*67*	*15*
72-54-8	*4,4'-DDD*	*145*		*6.7*	*0.80*
72-55-9	*4,4'-DDE*	*142*		*6.7*	*1.3*
50-29-3	*4,4'-DDT*	*139*		*6.7*	*0.84*
60-57-1	Dieldrin	130		6.7	1.3
959-98-8	*Endosulfan I*	*138*		*6.7*	*1.4*
33213-65-9	Endosulfan II	132		6.7	1.0
1031-07-8	Endosulfan sulfate	125		6.7	0.86
72-20-8	*Endrin*	*145*		*6.7*	*0.94*
7421-93-4	*Endrin aldehyde*	*124*		*6.7*	*1.7*
53494-70-5	Endrin ketone	157		6.7	0.99
76-44-8	*Heptachlor*	*147*		*6.7*	*0.96*
1024-57-3	*Heptachlor epoxide*	*136*		*6.7*	*1.4*
72-43-5	Methoxychlor	155		6.7	0.75
8001-35-2	*Toxaphene*	*14*	*U*	*67*	*14*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	121		40-150
2051-24-3	DCB Decachlorobiphenyl	116		53-150

Data File: WF705149.D
Report Date: 09-Aug-2012 15:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/WF705149.D
Lab Smp Id: LCS 460-122228/2-A
Inj Date : 06-AUG-2012 12:58
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-122228/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Aug12/08-06-12/06aug12b.b/08Wf8081.m
Meth Date : 07-Aug-2012 08:52 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.383	0.000	253101	60.2568	40	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
3.487	3.487	0.000	1230519	212.270	140	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.207	4.207	0.000	1115152	207.978	140	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
4.360	4.360	0.000	542935	209.994	140	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.953	4.950	0.003	1012334	200.380	130	80.00- 120.00	100.00

Data File: WF705149.D
Report Date: 09-Aug-2012 15:30

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
5.100	5.100	0.000	1119654	219.756	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.787	5.787	0.000	1087668	215.052	140	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.640	6.640	0.000	770039	204.073	140	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.840	6.837	0.003	785140	208.643	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.993	6.993	0.000	737454	207.856	140	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.067	7.063	0.004	723353	206.570	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.150	7.150	0.000	775821	212.953	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.363	7.363	0.000	722757	194.461	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.710	7.710	0.000	701435	217.676	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.797	7.797	0.000	635552	217.639	140	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.947	7.947	0.000	638577	198.392	130	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.160	8.160	0.000	623360	208.107	140	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.310	8.310	0.000	431355	185.992	120	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.547	8.547	0.000	466570	186.981	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.733	8.733	0.000	288741	232.488	150	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.943	8.943	0.000	664779	235.479	160	80.00- 120.00	100.00

Data File: WF705149.D
Report Date: 09-Aug-2012 15:30

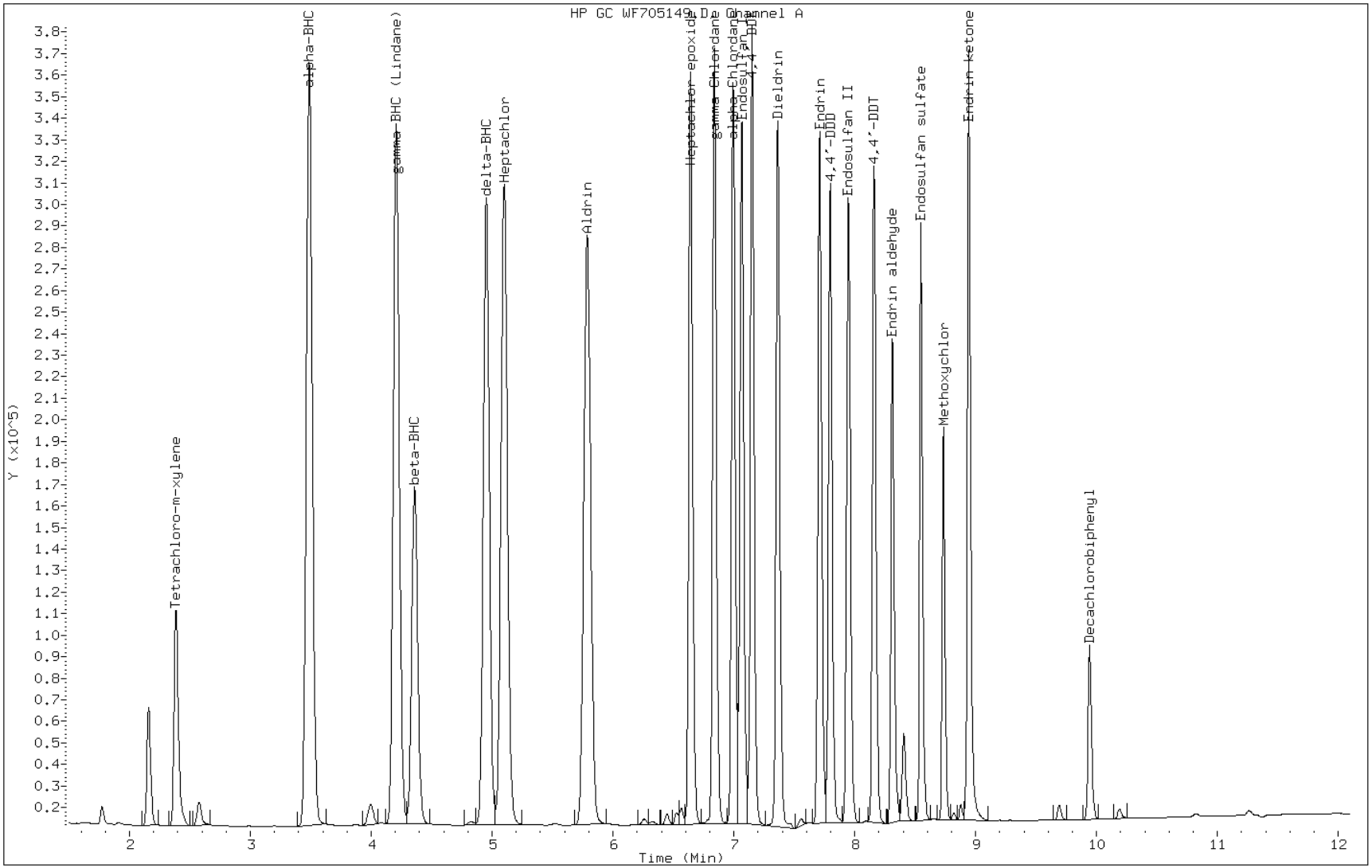
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.943	9.940	0.003	162317	57.8919	38	80.00- 120.00	100.00

Data File: WF705149.D

Date: 06-AUG-2012 12:58

Client ID: Instrument: PESTGC4.i

Sample Info: LCS 460-122228/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122228/2-A
Matrix: Solid
Lab File ID: WR705149.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3541
Date Extracted: 08/02/2012 07:13
Sample wt/vol: 15.00(g)
Date Analyzed: 08/06/2012 12:58
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123327
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*142*		*6.7*	*1.5*
319-84-6	*alpha-BHC*	*135*		*6.7*	*1.2*
319-85-7	beta-BHC	145		6.7	0.91
319-86-8	*delta-BHC*	*129*		*6.7*	*1.0*
58-89-9	*gamma-BHC (Lindane)*	*138*		*6.7*	*0.78*
57-74-9	Chlordane	15	U	67	15
72-54-8	4,4'-DDD	146		6.7	0.80
72-55-9	4,4'-DDE	147		6.7	1.3
50-29-3	4,4'-DDT	147		6.7	0.84
60-57-1	*Dieldrin*	*128*		*6.7*	*1.3*
959-98-8	Endosulfan I	143		6.7	1.4
33213-65-9	*Endosulfan II*	*127*		*6.7*	*1.0*
1031-07-8	*Endosulfan sulfate*	*55.6*		*6.7*	*0.86*
72-20-8	Endrin	150		6.7	0.94
7421-93-4	Endrin aldehyde	132		6.7	1.7
53494-70-5	*Endrin ketone*	*131*		*6.7*	*0.99*
76-44-8	Heptachlor	147		6.7	0.96
1024-57-3	Heptachlor epoxide	140		6.7	1.4
72-43-5	*Methoxychlor*	*150*		*6.7*	*0.75*
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	121		40-150
2051-24-3	DCB Decachlorobiphenyl	128		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/WR705149.D
Lab Smp Id: LCS 460-122228/2-A
Inj Date : 06-AUG-2012 12:58
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-122228/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Aug12/08-06-12/06aug12b.b/08Wr8081.m
Meth Date : 07-Aug-2012 08:55 ferdie Quant Type: ESTD
Cal Date : 02-AUG-2012 09:53 Cal File: WR704900.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.900	1.900	0.000	253086	60.6631	40	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.453	2.453	0.000	1115524	202.703	140	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.933	2.930	0.003	1080508	206.908	140	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.097	3.097	0.000	552722	216.945	140	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.410	3.410	0.000	945838	193.798	130	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.797	3.797	0.000	995172	220.786	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.340	4.337	0.003	983022	213.630	140	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.460	5.460	0.000	906427	210.027	140	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.703	5.703	0.000	971673	215.241	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.970	5.963	0.007	804919	187.709	120	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.090	6.090	0.000	883780	219.866	150	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.183	6.183	0.000	823112	214.408	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.483	6.483	0.000	755483	191.900	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.727	6.727	0.000	726811	224.371	150	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.790	6.790	0.000	705652	218.474	140	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.953	6.953	0.000	645610	190.541	130	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.073	7.073	0.000	713001	220.241	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.390	7.387	0.003	531215	197.518	130	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.583	7.583	0.000	341356	225.659	150	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.860	7.860	0.000	251148	83.3772	56	80.00- 120.00	100.00(R)
16 Endrin ketone					CAS #: 53494-70-5		
8.170	8.170	0.000	629577	196.530	130	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.950	8.950	0.000	182579	64.0041	43	80.00- 120.00	100.00

QC Flag Legend

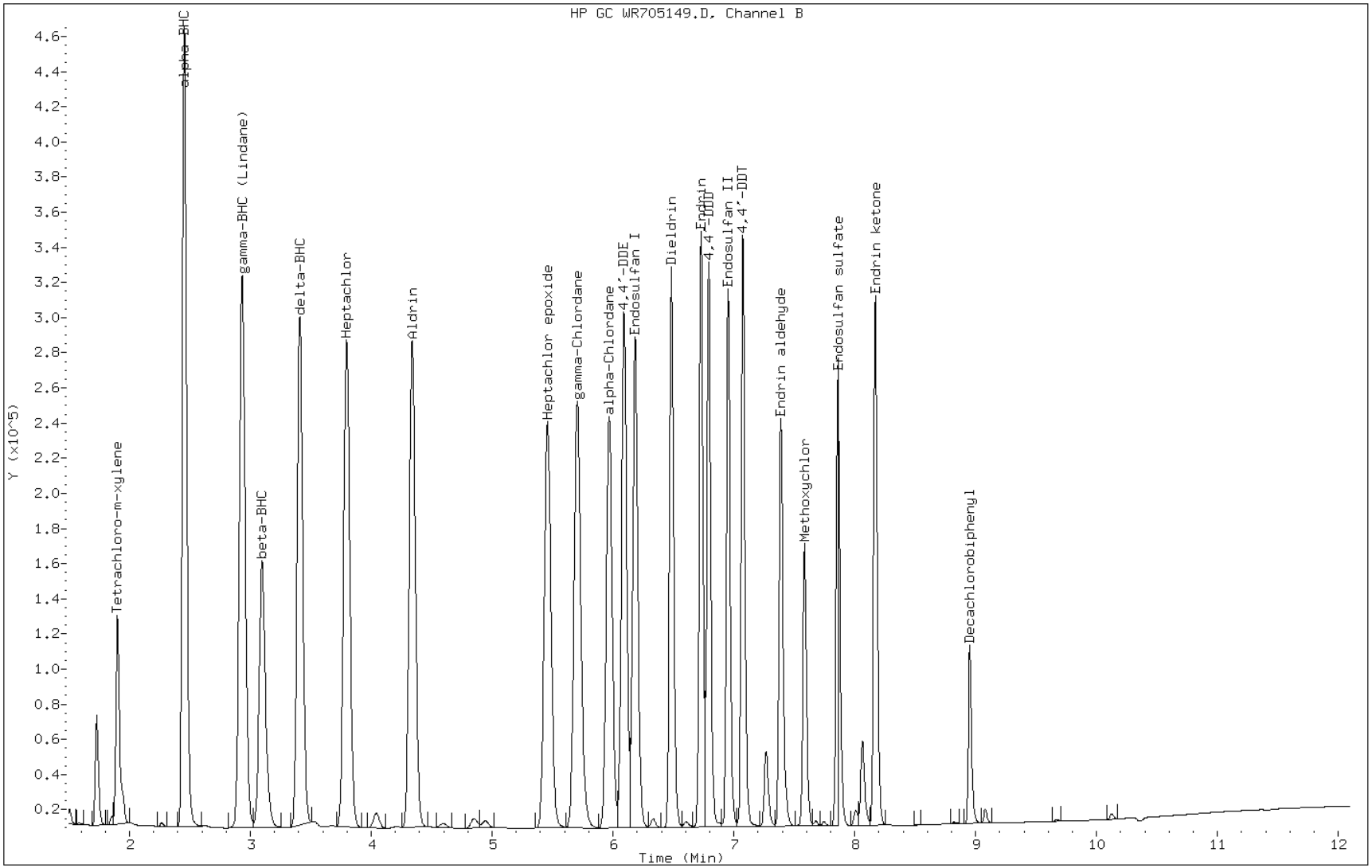
R - Spike/Surrogate failed recovery limits.

Data File: WR705149.D

Date: 06-AUG-2012 12:58

Client ID: Instrument: PESTGC4.i

Sample Info: LCS 460-122228/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-122268/2-A
Matrix: Water
Lab File ID: xf137541.d
Analysis Method: 8081A
Date Collected:
Extraction Method: 3510C
Date Extracted: 08/02/2012 10:03
Sample wt/vol: 1000(mL)
Date Analyzed: 08/13/2012 15:29
Con. Extract Vol.: 5(mL)
Dilution Factor: 1
Injection Volume:
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 123919
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.14		0.050	0.010
319-84-6	*alpha-BHC*	*2.28*		*0.050*	*0.010*
319-85-7	*beta-BHC*	*2.17*		*0.050*	*0.011*
319-86-8	delta-BHC	2.35		0.050	0.0090
58-89-9	gamma-BHC (Lindane)	2.25		0.050	0.012
57-74-9	*Chlordane*	*0.33*	*U*	*0.50*	*0.33*
72-54-8	*4,4'-DDD*	*2.29*		*0.050*	*0.011*
72-55-9	4,4'-DDE	2.18		0.050	0.0090
50-29-3	*4,4'-DDT*	*2.18*		*0.050*	*0.010*
60-57-1	*Dieldrin*	*2.05*		*0.050*	*0.0050*
959-98-8	*Endosulfan I*	*2.26*		*0.050*	*0.0090*
33213-65-9	*Endosulfan II*	*2.18*		*0.050*	*0.010*
1031-07-8	Endosulfan sulfate	2.19		0.050	0.016
72-20-8	*Endrin*	*2.24*		*0.050*	*0.010*
7421-93-4	*Endrin aldehyde*	*2.05*		*0.050*	*0.0090*
53494-70-5	Endrin ketone	3.54		0.050	0.011
76-44-8	Heptachlor	2.22		0.050	0.010
1024-57-3	Heptachlor epoxide	2.26		0.050	0.010
72-43-5	Methoxychlor	2.29		0.050	0.013
8001-35-2	*Toxaphene*	*0.20*	*U*	*0.50*	*0.20*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	113		49-132
2051-24-3	DCB Decachlorobiphenyl	84		37-144

Data File: xf137541.d
Report Date: 14-Aug-2012 10:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/xf137541.d
Lab Smp Id: LCS 460-122268/2-A
Inj Date : 13-AUG-2012 15:29
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-122268/2
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/09Xf8081.m
Meth Date : 14-Aug-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xf137516.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.387	-0.004	316600	112.924	0.56	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.910	2.913	-0.003	1683318	456.094	2.3	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.293	3.297	-0.004	1504306	450.758	2.2	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.390	3.393	-0.003	716738	434.344	2.2	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.913	3.917	-0.004	1574608	470.961	2.4	80.00- 120.00	100.00

Data File: xf137541.d
Report Date: 14-Aug-2012 10:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.083	4.087	-0.004	1549900	444.548	2.2	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.937	4.940	-0.003	1439771	427.021	2.1	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.470	6.473	-0.003	1391472	451.430	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.927	6.927	0.000	1358959	439.315	2.2	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.217	7.220	-0.003	1198910	429.005	2.1	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.453	7.453	0.000	1123165	436.089	2.2	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.323	7.323	0.000	1152031	451.328	2.2	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.687	7.690	-0.003	1074648	410.150	2.0	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
8.047	8.047	0.000	1028909	448.810	2.2	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
8.143	8.143	0.000	940535	457.258	2.3	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.290	8.293	-0.003	987301	435.827	2.2	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.513	8.517	-0.004	913210	436.162	2.2	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.690	8.693	-0.003	739628	410.384	2.0	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.303	9.303	0.000	439819	458.528	2.3	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
9.023	9.027	-0.004	866645	438.679	2.2	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.563	9.563	0.000	1415015	708.388	3.5	80.00- 120.00	100.00(AR)

Data File: xf137541.d
Report Date: 14-Aug-2012 10:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.483	10.483	0.000	171379	84.3963	0.42	80.00- 120.00	100.00

QC Flag Legend

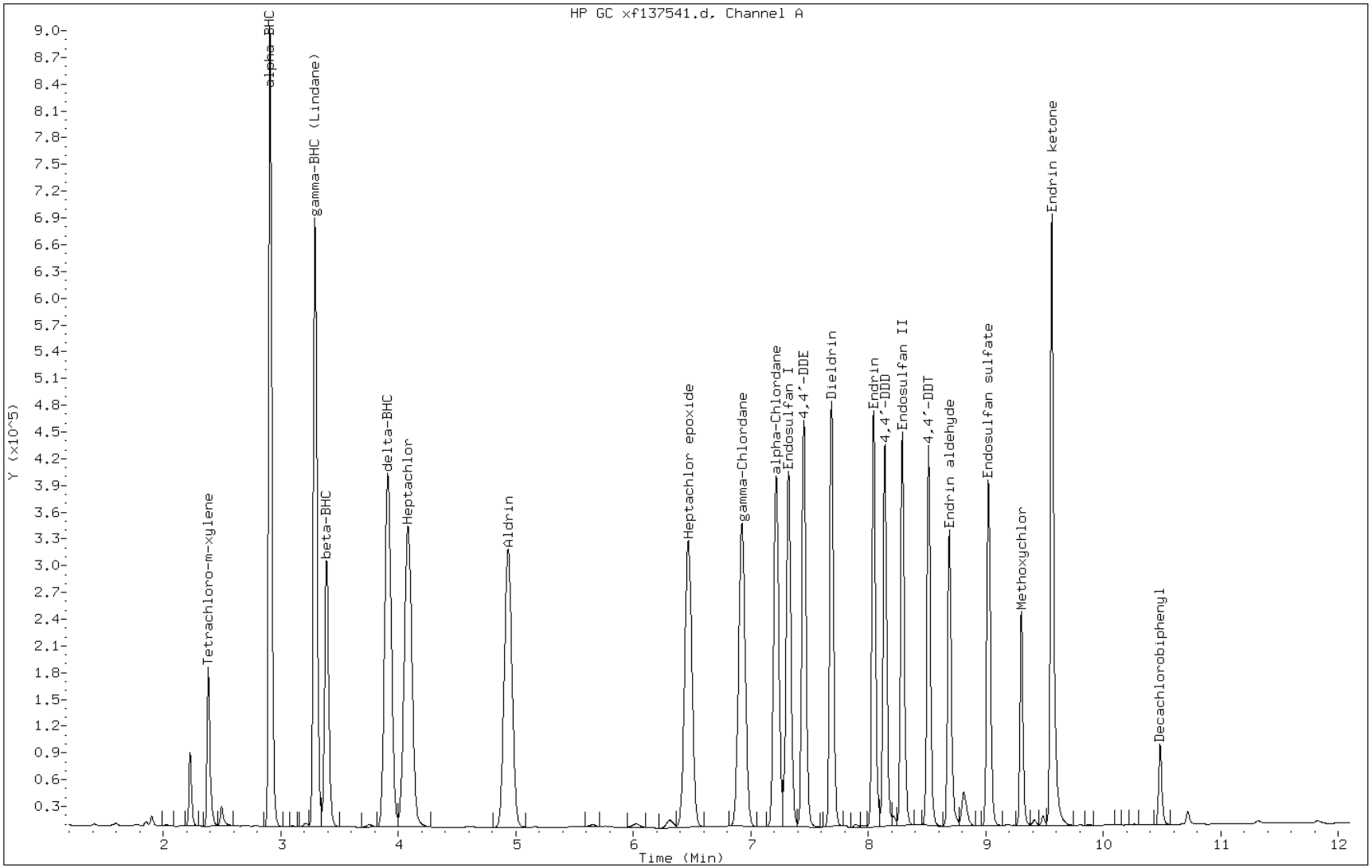
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: xf137541.d

Date: 13-AUG-2012 15:29

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-122268/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-122268/2-A

Matrix: Water | Lab File ID: xr137541.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 08/02/2012 10:03

Sample wt/vol: 1000(mL) | Date Analyzed: 08/13/2012 15:29

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123919 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*2.00*		*0.050*	*0.010*
319-84-6	alpha-BHC	2.29		0.050	0.010
319-85-7	beta-BHC	2.27		0.050	0.011
319-86-8	*delta-BHC*	*2.12*		*0.050*	*0.0090*
58-89-9	*gamma-BHC (Lindane)*	*2.13*		*0.050*	*0.012*
57-74-9	Chlordane	0.33	U	0.50	0.33
72-54-8	4,4'-DDD	2.46		0.050	0.011
72-55-9	*4,4'-DDE*	*2.10*		*0.050*	*0.0090*
50-29-3	4,4'-DDT	2.21		0.050	0.010
60-57-1	Dieldrin	2.17		0.050	0.0050
959-98-8	Endosulfan I	2.40		0.050	0.0090
33213-65-9	Endosulfan II	2.33		0.050	0.010
1031-07-8	*Endosulfan sulfate*	*2.17*		*0.050*	*0.016*
72-20-8	Endrin	2.31		0.050	0.010
7421-93-4	Endrin aldehyde	2.17		0.050	0.0090
53494-70-5	*Endrin ketone*	*2.44*		*0.050*	*0.011*
76-44-8	*Heptachlor*	*1.98*		*0.050*	*0.010*
1024-57-3	*Heptachlor epoxide*	*2.24*		*0.050*	*0.010*
72-43-5	*Methoxychlor*	*2.02*		*0.050*	*0.013*
8001-35-2	Toxaphene	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	138	X	49-132
2051-24-3	DCB Decachlorobiphenyl	109		37-144

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/xr137541.d
Lab Smp Id: LCS 460-122268/2-A
Inj Date : 13-AUG-2012 15:29
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-122268/2
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/09Xr8081.m
Meth Date : 14-Aug-2012 07:00 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xr137516.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene						CAS #: 877-09-8	
1.933	1.933	0.000	1049837	138.372	0.69	80.00- 120.00	100.00(R)
2 alpha-BHC						CAS #: 319-84-6	
2.327	2.327	0.000	4266496	457.568	2.3	80.00- 120.00	100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9	
2.550	2.553	-0.003	3112473	425.117	2.1	80.00- 120.00	100.00
3 beta-BHC						CAS #: 319-85-7	
2.613	2.613	0.000	2263964	453.808	2.3	80.00- 120.00	100.00
4 delta-BHC						CAS #: 319-86-8	
2.747	2.747	0.000	3268767	424.291	2.1	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
2.917	2.920	-0.003	2896777	395.212	2.0	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.193	3.197	-0.004	2768673	400.184	2.0	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.133	4.137	-0.004	2881542	447.925	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.430	4.433	-0.003	3119513	459.444	2.3	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.743	4.753	-0.010	1963573	303.045	1.5	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.963	4.963	0.000	2492418	420.031	2.1	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
5.080	5.083	-0.003	2948988	479.788	2.4	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.690	5.693	-0.003	2712310	433.771	2.2	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.277	6.280	-0.003	2623653	462.259	2.3	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.467	6.470	-0.003	2516279	492.199	2.5	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.803	6.807	-0.004	2513528	465.748	2.3	80.00- 120.00	100.00(R)
9 4,4'-DDT					CAS #: 50-29-3		
7.087	7.090	-0.003	2274017	442.147	2.2	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.517	7.520	-0.003	1680804	433.993	2.2	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.750	7.753	-0.003	951634	403.945	2.0	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.007	8.010	-0.003	1764485	434.711	2.2	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.320	8.323	-0.003	2116385	487.323	2.4	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.423	9.427	-0.004	476261	109.122	0.54	80.00- 120.00	100.00

QC Flag Legend

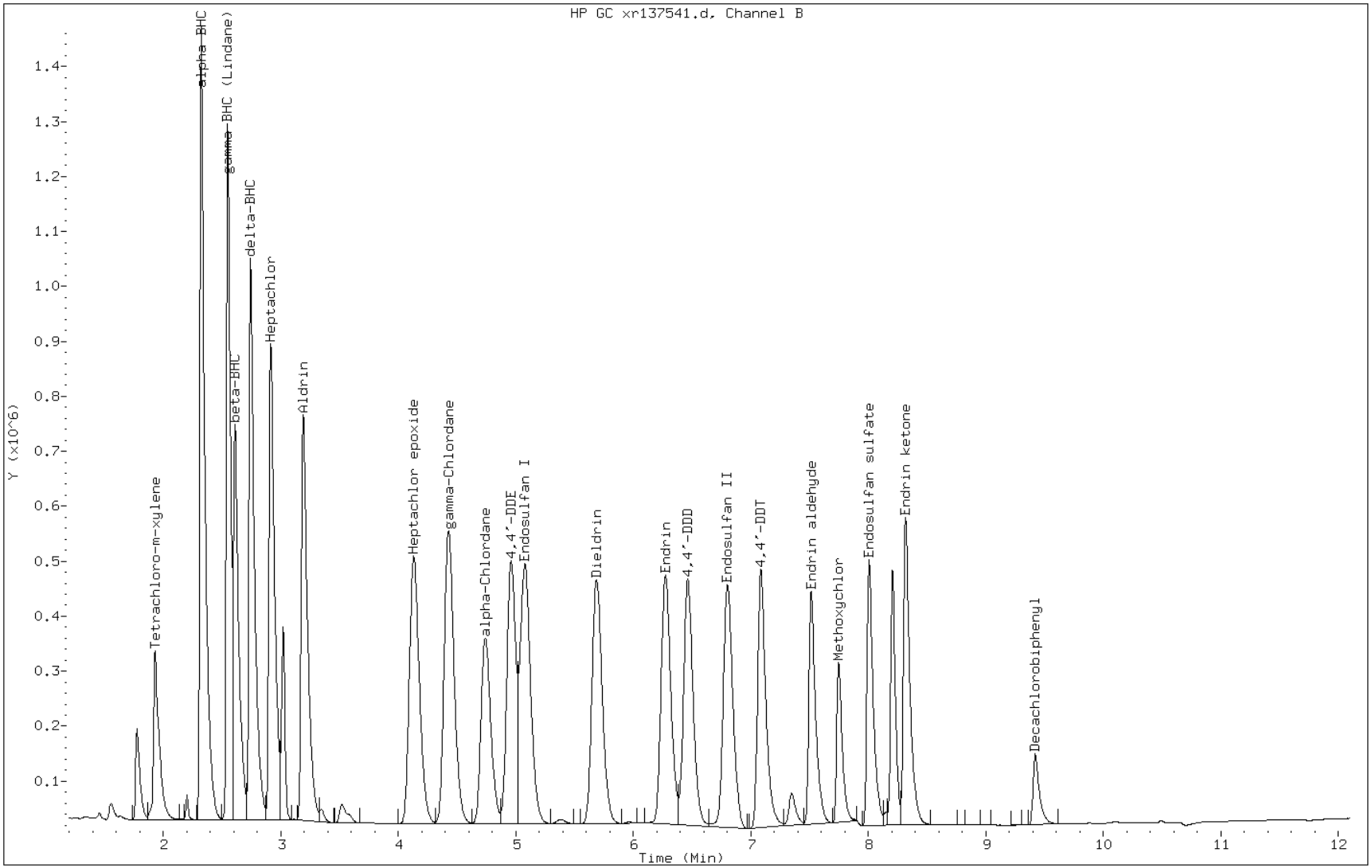
R - Spike/Surrogate failed recovery limits.

Data File: xr137541.d

Date: 13-AUG-2012 15:29

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-122268/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-122268/3-A

Matrix: Water | Lab File ID: xf137542.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 08/02/2012 10:03

Sample wt/vol: 1000(mL) | Date Analyzed: 08/13/2012 15:43

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123919 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.10		0.050	0.010
319-84-6	alpha-BHC	2.15		0.050	0.010
319-85-7	beta-BHC	2.13		0.050	0.011
319-86-8	delta-BHC	2.31		0.050	0.0090
58-89-9	gamma-BHC (Lindane)	2.18		0.050	0.012
57-74-9	Chlordane	0.33	U	0.50	0.33
72-54-8	4,4'-DDD	2.24		0.050	0.011
72-55-9	4,4'-DDE	2.14		0.050	0.0090
50-29-3	4,4'-DDT	2.13		0.050	0.010
60-57-1	Dieldrin	2.02		0.050	0.0050
959-98-8	Endosulfan I	2.21		0.050	0.0090
33213-65-9	Endosulfan II	2.11		0.050	0.010
1031-07-8	Endosulfan sulfate	2.15		0.050	0.016
72-20-8	Endrin	2.23		0.050	0.010
7421-93-4	Endrin aldehyde	2.02		0.050	0.0090
53494-70-5	Endrin ketone	2.30		0.050	0.011
76-44-8	Heptachlor	2.17		0.050	0.010
1024-57-3	Heptachlor epoxide	2.21		0.050	0.010
72-43-5	Methoxychlor	2.22		0.050	0.013
8001-35-2	Toxaphene	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		49-132
2051-24-3	DCB Decachlorobiphenyl	83		37-144

Data File: xf137542.d
Report Date: 14-Aug-2012 10:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/xf137542.d
Lab Smp Id: LCSD 460-122268/3-A
Inj Date : 13-AUG-2012 15:43
Operator : Inst ID: PESTGC1.i
Smp Info : LCSD 460-122268/3
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Aug12/08-13-12aical/13aug12c.b/09Xf8081.m
Meth Date : 14-Aug-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xf137516.d
Als bottle: 1 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.383	2.387	-0.004	295460	105.384	0.53	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.910	2.913	-0.003	1589460	430.663	2.2	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.293	3.297	-0.004	1455073	436.005	2.2	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.390	3.393	-0.003	704027	426.641	2.1	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.913	3.917	-0.004	1544042	461.819	2.3	80.00- 120.00	100.00

Data File: xf137542.d
Report Date: 14-Aug-2012 10:05

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.083	4.087	-0.004	1510974	433.383	2.2	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.937	4.940	-0.003	1415080	419.698	2.1	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.470	6.473	-0.003	1362712	442.099	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.927	6.927	0.000	1342220	433.904	2.2	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.217	7.220	-0.003	1179956	422.223	2.1	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.453	7.453	0.000	1100293	427.209	2.1	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.323	7.323	0.000	1127196	441.598	2.2	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.687	7.690	-0.003	1057780	403.712	2.0	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
8.047	8.047	0.000	1021710	445.669	2.2	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
8.143	8.143	0.000	922353	448.418	2.2	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.290	8.293	-0.003	957271	422.570	2.1	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.513	8.517	-0.004	893219	426.614	2.1	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.690	8.693	-0.003	729793	404.927	2.0	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.303	9.303	0.000	425746	443.856	2.2	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
9.023	9.027	-0.004	847678	429.078	2.1	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.563	9.563	0.000	918815	459.979	2.3	80.00- 120.00	100.00

Data File: xf137542.d
Report Date: 14-Aug-2012 10:05

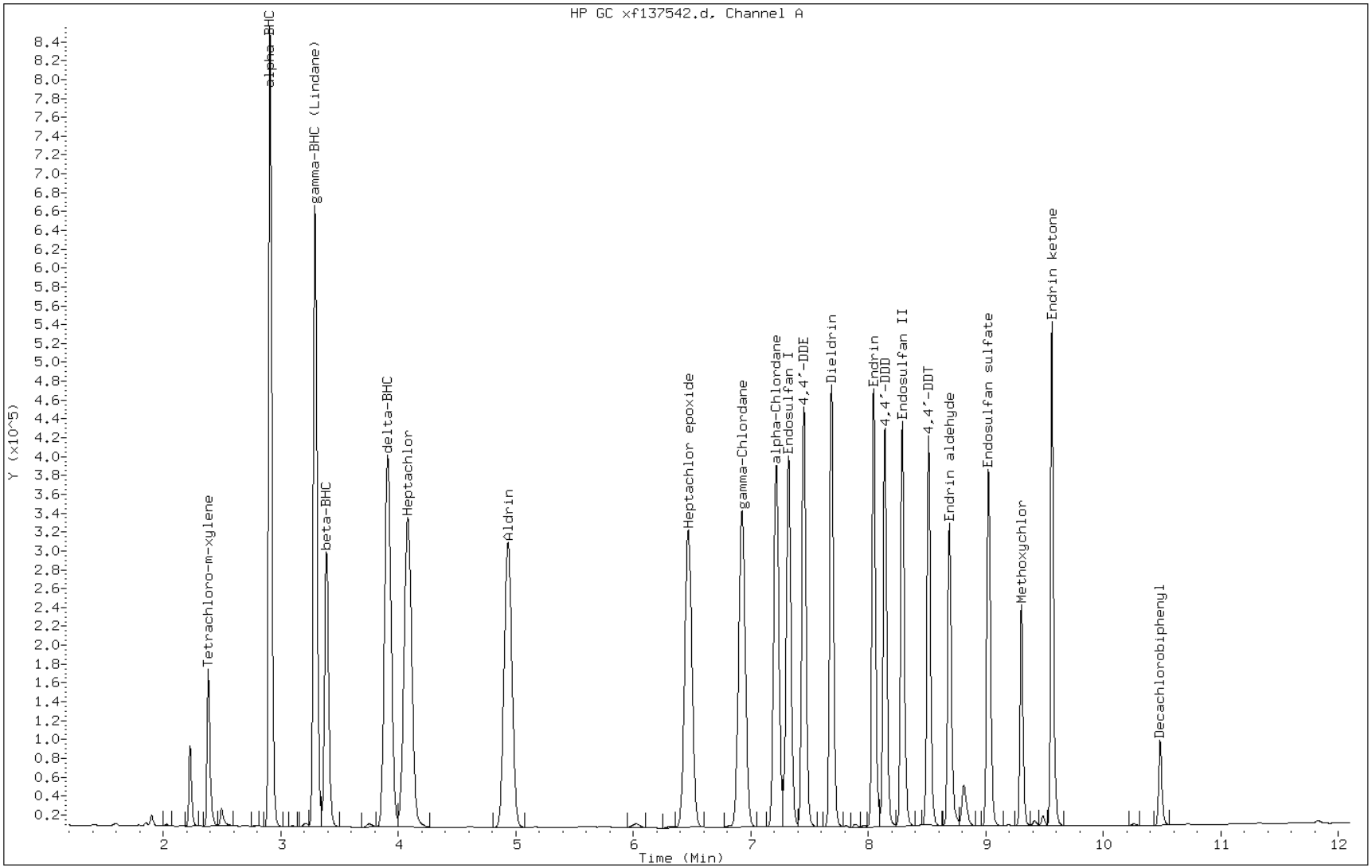
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.483	10.483	0.000	169390	83.4168	0.42	80.00- 120.00	100.00

Data File: xf137542.d

Date: 13-AUG-2012 15:43

Client ID: Instrument: PESTGC1.i

Sample Info: LCSD 460-122268/3 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-122268/3-A

Matrix: Water | Lab File ID: xr137542.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 08/02/2012 10:03

Sample wt/vol: 1000(mL) | Date Analyzed: 08/13/2012 15:43

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123919 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*2.08*		*0.050*	*0.010*
319-84-6	alpha-BHC	2.22		0.050	0.010
319-85-7	beta-BHC	2.25		0.050	0.011
319-86-8	*delta-BHC*	*2.09*		*0.050*	*0.0090*
58-89-9	*gamma-BHC (Lindane)*	*2.12*		*0.050*	*0.012*
57-74-9	Chlordane	0.33	U	0.50	0.33
72-54-8	4,4'-DDD	2.45		0.050	0.011
72-55-9	4,4'-DDE	2.21		0.050	0.0090
50-29-3	4,4'-DDT	2.29		0.050	0.010
60-57-1	Dieldrin	2.15		0.050	0.0050
959-98-8	Endosulfan I	2.32		0.050	0.0090
33213-65-9	Endosulfan II	2.21		0.050	0.010
1031-07-8	Endosulfan sulfate	2.21		0.050	0.016
72-20-8	Endrin	2.30		0.050	0.010
7421-93-4	Endrin aldehyde	2.21		0.050	0.0090
53494-70-5	Endrin ketone	2.33		0.050	0.011
76-44-8	*Heptachlor*	*2.02*		*0.050*	*0.010*
1024-57-3	Heptachlor epoxide	2.22		0.050	0.010
72-43-5	Methoxychlor	2.32		0.050	0.013
8001-35-2	Toxaphene	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	128		49-132
2051-24-3	DCB Decachlorobiphenyl	94		37-144

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/xr137542.d
Lab Smp Id: LCSD 460-122268/3-A
Inj Date : 13-AUG-2012 15:43
Operator : Inst ID: PESTGC1.i
Smp Info : LCSD 460-122268/3
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Aug12/08-13-12aical/13aug12c.b/09Xr8081.m
Meth Date : 14-Aug-2012 07:00 ferdie Quant Type: ESTD
Cal Date : 13-AUG-2012 09:44 Cal File: xr137516.d
Als bottle: 1 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.933	1.933	0.000	972068	128.121	0.64	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.327	2.327	0.000	4143583	444.386	2.2	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.550	2.553	-0.003	3099269	423.314	2.1	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.613	2.613	0.000	2246155	450.238	2.2	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.743	2.747	-0.004	3212780	417.024	2.1	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
2.917	2.920	-0.003	2961131	403.992	2.0	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.193	3.197	-0.004	2884822	416.973	2.1	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.133	4.137	-0.004	2860097	444.592	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.430	4.433	-0.003	3148844	463.764	2.3	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.743	4.753	-0.010	2390817	368.983	1.8	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.960	4.963	-0.003	2617048	441.034	2.2	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
5.077	5.083	-0.006	2850743	463.804	2.3	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.690	5.693	-0.003	2694230	430.880	2.2	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.277	6.280	-0.003	2613346	460.443	2.3	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.467	6.470	-0.003	2502594	489.522	2.4	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.803	6.807	-0.004	2389185	442.707	2.2	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.087	7.090	-0.003	2354728	457.840	2.3	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.517	7.520	-0.003	1710212	441.586	2.2	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.750	7.753	-0.003	1094842	464.734	2.3	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.010	8.010	0.000	1794875	442.198	2.2	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.320	8.323	-0.003	2020742	465.300	2.3	80.00- 120.00	100.00

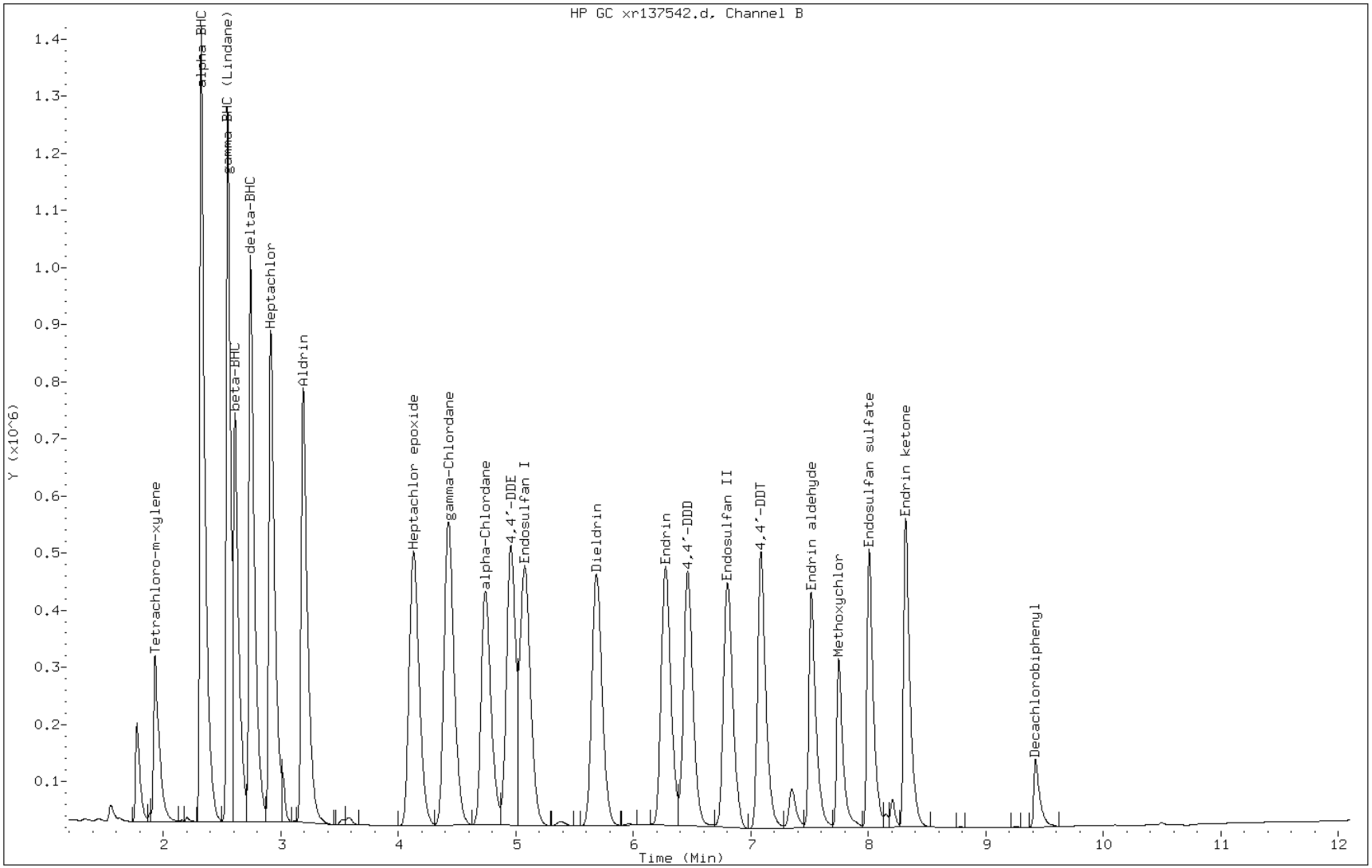
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.423	9.427	-0.004	411410	94.2636	0.47	80.00- 120.00	100.00

Data File: xr137542.d

Date: 13-AUG-2012 15:43

Client ID: Instrument: PESTGC1.i

Sample Info: LCSD 460-122268/3 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MS | Lab Sample ID: 460-42971-3 MS

Matrix: Solid | Lab File ID: WF705150.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:25

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.04(g) | Date Analyzed: 08/06/2012 13:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*161*		*9.3*	*2.0*
319-84-6	alpha-BHC	163		9.3	1.7
319-85-7	beta-BHC	160		9.3	1.3
319-86-8	delta-BHC	153		9.3	1.4
58-89-9	gamma-BHC (Lindane)	159		9.3	1.1
57-74-9	*Chlordane*	*20*	*U*	*93*	*20*
72-54-8	4,4'-DDD	167		9.3	1.1
72-55-9	*4,4'-DDE*	*164*		*9.3*	*1.8*
50-29-3	*4,4'-DDT*	*166*		*9.3*	*1.2*
60-57-1	*Dieldrin*	*145*		*9.3*	*1.8*
959-98-8	*Endosulfan I*	*159*		*9.3*	*2.0*
33213-65-9	Endosulfan II	153		9.3	1.4
1031-07-8	*Endosulfan sulfate*	*146*		*9.3*	*1.2*
72-20-8	*Endrin*	*166*		*9.3*	*1.3*
7421-93-4	*Endrin aldehyde*	*153*		*9.3*	*2.3*
53494-70-5	Endrin ketone	163		9.3	1.4
76-44-8	*Heptachlor*	*168*		*9.3*	*1.3*
1024-57-3	*Heptachlor epoxide*	*157*		*9.3*	*1.9*
72-43-5	Methoxychlor	181		9.3	1.0
8001-35-2	*Toxaphene*	*19*	*U*	*93*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		40-150
2051-24-3	DCB Decachlorobiphenyl	97		53-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MS | Lab Sample ID: 460-42971-3 MS

Matrix: Solid | Lab File ID: WR705150.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:25

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.04(g) | Date Analyzed: 08/06/2012 13:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	162		9.3	2.0
319-84-6	*alpha-BHC*	*156*		*9.3*	*1.7*
319-85-7	*beta-BHC*	*155*		*9.3*	*1.3*
319-86-8	*delta-BHC*	*151*		*9.3*	*1.4*
58-89-9	*gamma-BHC (Lindane)*	*159*		*9.3*	*1.1*
57-74-9	Chlordane	20	U	93	20
72-54-8	*4,4'-DDD*	*166*		*9.3*	*1.1*
72-55-9	4,4'-DDE	169		9.3	1.8
50-29-3	4,4'-DDT	174		9.3	1.2
60-57-1	Dieldrin	147		9.3	1.8
959-98-8	Endosulfan I	162		9.3	2.0
33213-65-9	*Endosulfan II*	*148*		*9.3*	*1.4*
1031-07-8	Endosulfan sulfate	146		9.3	1.2
72-20-8	Endrin	168		9.3	1.3
7421-93-4	Endrin aldehyde	159		9.3	2.3
53494-70-5	*Endrin ketone*	*153*		*9.3*	*1.4*
76-44-8	Heptachlor	168		9.3	1.3
1024-57-3	Heptachlor epoxide	162		9.3	1.9
72-43-5	*Methoxychlor*	*173*		*9.3*	*1.0*
8001-35-2	Toxaphene	19	U	93	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		40-150
2051-24-3	DCB Decachlorobiphenyl	106		53-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MSD | Lab Sample ID: 460-42971-3 MSD

Matrix: Solid | Lab File ID: WF705151.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:25

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.05(g) | Date Analyzed: 08/06/2012 13:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*176*		*9.3*	*2.0*
319-84-6	alpha-BHC	177		9.3	1.7
319-85-7	beta-BHC	174		9.3	1.3
319-86-8	delta-BHC	167		9.3	1.4
58-89-9	*gamma-BHC (Lindane)*	*173*		*9.3*	*1.1*
57-74-9	*Chlordane*	*20*	*U*	*93*	*20*
72-54-8	4,4'-DDD	183		9.3	1.1
72-55-9	*4,4'-DDE*	*179*		*9.3*	*1.8*
50-29-3	*4,4'-DDT*	*182*		*9.3*	*1.2*
60-57-1	*Dieldrin*	*159*		*9.3*	*1.8*
959-98-8	*Endosulfan I*	*174*		*9.3*	*2.0*
33213-65-9	Endosulfan II	167		9.3	1.4
1031-07-8	Endosulfan sulfate	160		9.3	1.2
72-20-8	*Endrin*	*181*		*9.3*	*1.3*
7421-93-4	*Endrin aldehyde*	*167*		*9.3*	*2.3*
53494-70-5	Endrin ketone	180		9.3	1.4
76-44-8	*Heptachlor*	*182*		*9.3*	*1.3*
1024-57-3	*Heptachlor epoxide*	*172*		*9.3*	*1.9*
72-43-5	Methoxychlor	199		9.3	1.0
8001-35-2	*Toxaphene*	*19*	*U*	*93*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-42971-1

SDG No.:

Client Sample ID: 20120731SB-397V0-2N MSD | Lab Sample ID: 460-42971-3 MSD

Matrix: Solid | Lab File ID: WR705151.D

Analysis Method: 8081A | Date Collected: 07/31/2012 09:25

Extraction Method: 3541 | Date Extracted: 08/02/2012 07:13

Sample wt/vol: 15.05(g) | Date Analyzed: 08/06/2012 13:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 28.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 123327 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	177		9.3	2.0
319-84-6	*alpha-BHC*	*171*		*9.3*	*1.7*
319-85-7	*beta-BHC*	*169*		*9.3*	*1.3*
319-86-8	*delta-BHC*	*165*		*9.3*	*1.4*
58-89-9	gamma-BHC (Lindane)	174		9.3	1.1
57-74-9	Chlordane	20	U	93	20
72-54-8	*4,4'-DDD*	*179*		*9.3*	*1.1*
72-55-9	4,4'-DDE	184		9.3	1.8
50-29-3	4,4'-DDT	190		9.3	1.2
60-57-1	Dieldrin	160		9.3	1.8
959-98-8	Endosulfan I	178		9.3	2.0
33213-65-9	*Endosulfan II*	*160*		*9.3*	*1.4*
1031-07-8	*Endosulfan sulfate*	*160*		*9.3*	*1.2*
72-20-8	Endrin	185		9.3	1.3
7421-93-4	Endrin aldehyde	173		9.3	2.3
53494-70-5	*Endrin ketone*	*167*		*9.3*	*1.4*
76-44-8	Heptachlor	183		9.3	1.3
1024-57-3	Heptachlor epoxide	177		9.3	1.9
72-43-5	*Methoxychlor*	*188*		*9.3*	*1.0*
8001-35-2	Toxaphene	19	U	93	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		40-150
2051-24-3	DCB Decachlorobiphenyl	107		53-150

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 08/13/2012 07:22

Analysis Batch Number: 123770 End Date: 08/13/2012 09:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-123770/1		08/13/2012 07:22	1		CLP-2 0.53(mm)
RINSE 460-123770/1		08/13/2012 07:22	1		CLP-1 0.53(mm)
RESC 460-123770/2		08/13/2012 07:37	1		CLP-2 0.53(mm)
RESC 460-123770/2		08/13/2012 07:37	1		CLP-1 0.53(mm)
PIBLK 460-123770/3		08/13/2012 07:50	1		CLP-2 0.53(mm)
PIBLK 460-123770/3		08/13/2012 07:50	1		CLP-1 0.53(mm)
PEM 460-123770/4		08/13/2012 08:04	1		CLP-2 0.53(mm)
PEM 460-123770/4		08/13/2012 08:04	1		CLP-1 0.53(mm)
IC 460-123770/5		08/13/2012 08:18	1	xf137510.d	CLP-2 0.53(mm)
IC 460-123770/5		08/13/2012 08:18	1	xr137510.d	CLP-1 0.53(mm)
IC 460-123770/6		08/13/2012 08:32	1	xf137511.d	CLP-2 0.53(mm)
IC 460-123770/6		08/13/2012 08:32	1	xr137511.d	CLP-1 0.53(mm)
IC 460-123770/7		08/13/2012 08:46	1	xf137512.d	CLP-2 0.53(mm)
IC 460-123770/7		08/13/2012 08:46	1	xr137512.d	CLP-1 0.53(mm)
IC 460-123770/8		08/13/2012 09:03	1	xf137513.d	CLP-2 0.53(mm)
IC 460-123770/8		08/13/2012 09:03	1	xr137513.d	CLP-1 0.53(mm)
IC 460-123770/9		08/13/2012 09:16	1	xf137514.d	CLP-2 0.53(mm)
IC 460-123770/9		08/13/2012 09:16	1	xr137514.d	CLP-1 0.53(mm)
IC 460-123770/10		08/13/2012 09:30	1	xf137515.d	CLP-2 0.53(mm)
IC 460-123770/10		08/13/2012 09:30	1	xr137515.d	CLP-1 0.53(mm)
IC 460-123770/11		08/13/2012 09:44	1	xf137516.d	CLP-2 0.53(mm)
IC 460-123770/11		08/13/2012 09:44	1	xr137516.d	CLP-1 0.53(mm)
ICV 460-123770/12		08/13/2012 09:58	1		CLP-2 0.53(mm)
ICV 460-123770/12		08/13/2012 09:58	1		CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 08/13/2012 13:25

Analysis Batch Number: 123919 End Date: 08/13/2012 18:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-123919/1		08/13/2012 13:25	1		CLP-2 0.53(mm)
PIBLK 460-123919/1		08/13/2012 13:25	1		CLP-1 0.53(mm)
CCVRT 460-123919/2		08/13/2012 13:39	1	xf137533.d	CLP-2 0.53(mm)
CCVRT 460-123919/2		08/13/2012 13:39	1	xr137533.d	CLP-1 0.53(mm)
PEM 460-123919/3		08/13/2012 13:52	1	xf137534.d	CLP-2 0.53(mm)
PEM 460-123919/3		08/13/2012 13:52	1	xr137534.d	CLP-1 0.53(mm)
RESC 460-123919/4		08/13/2012 14:06	1		CLP-2 0.53(mm)
RESC 460-123919/4		08/13/2012 14:06	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 14:20	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 14:20	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 14:34	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 14:34	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 14:48	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 14:48	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 15:01	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 15:01	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 15:15	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 15:15	1		CLP-1 0.53(mm)
LCS 460-122268/2-A		08/13/2012 15:29	1	xf137541.d	CLP-2 0.53(mm)
LCS 460-122268/2-A		08/13/2012 15:29	1	xr137541.d	CLP-1 0.53(mm)
LCSD 460-122268/3-A		08/13/2012 15:43	1	xf137542.d	CLP-2 0.53(mm)
LCSD 460-122268/3-A		08/13/2012 15:43	1	xr137542.d	CLP-1 0.53(mm)
460-42971-15	20120731EB	08/13/2012 15:58	1	xf137543.d	CLP-2 0.53(mm)
460-42971-15	20120731EB	08/13/2012 15:58	1	xr137543.d	CLP-1 0.53(mm)
ZZZZZ		08/13/2012 16:11	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 16:11	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 16:25	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 16:25	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 16:39	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 16:39	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 16:53	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 16:53	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 17:07	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 17:07	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 17:20	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 17:20	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 17:34	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 17:34	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 17:48	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 17:48	1		CLP-1 0.53(mm)
MB 460-122268/1-A		08/13/2012 18:02	1	xf137552.d	CLP-2 0.53(mm)
MB 460-122268/1-A		08/13/2012 18:02	1	xr137552.d	CLP-1 0.53(mm)
ZZZZZ		08/13/2012 18:16	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 18:16	1		CLP-1 0.53(mm)
PIBLK 460-123919/23		08/13/2012 18:29	1		CLP-2 0.53(mm)

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PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 08/13/2012 13:25

Analysis Batch Number: 123919 End Date: 08/13/2012 18:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-123919/23		08/13/2012 18:29	1		CLP-1 0.53(mm)
CCV 460-123919/24		08/13/2012 18:43	1	xf137555.d	CLP-2 0.53(mm)
CCV 460-123919/24		08/13/2012 18:43	1	xr137555.d	CLP-1 0.53(mm)

8081A

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 08/02/2012 07:34

Analysis Batch Number: 122272 End Date: 08/02/2012 10:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-122272/1		08/02/2012 07:34	1		CLP-2 0.53(mm)
RINSE 460-122272/1		08/02/2012 07:34	1		CLP-1 0.53(mm)
RESC 460-122272/2		08/02/2012 07:48	1		CLP-2 0.53(mm)
RESC 460-122272/2		08/02/2012 07:48	1		CLP-1 0.53(mm)
PIBLK 460-122272/3		08/02/2012 08:02	1		CLP-2 0.53(mm)
PIBLK 460-122272/3		08/02/2012 08:02	1		CLP-1 0.53(mm)
PEM 460-122272/4		08/02/2012 08:16	1		CLP-2 0.53(mm)
PEM 460-122272/4		08/02/2012 08:16	1		CLP-1 0.53(mm)
IC 460-122272/5		08/02/2012 08:30	1	WF704894.D	CLP-2 0.53(mm)
IC 460-122272/5		08/02/2012 08:30	1	WR704894.D	CLP-1 0.53(mm)
IC 460-122272/6		08/02/2012 08:43	1	WF704895.D	CLP-2 0.53(mm)
IC 460-122272/6		08/02/2012 08:43	1	WR704895.D	CLP-1 0.53(mm)
IC 460-122272/7		08/02/2012 08:57	1	WF704896.D	CLP-2 0.53(mm)
IC 460-122272/7		08/02/2012 08:57	1	WR704896.D	CLP-1 0.53(mm)
IC 460-122272/8		08/02/2012 09:11	1	WF704897.D	CLP-2 0.53(mm)
IC 460-122272/8		08/02/2012 09:11	1	WR704897.D	CLP-1 0.53(mm)
IC 460-122272/9		08/02/2012 09:25	1	WF704898.D	CLP-2 0.53(mm)
IC 460-122272/9		08/02/2012 09:25	1	WR704898.D	CLP-1 0.53(mm)
IC 460-122272/10		08/02/2012 09:39	1	WF704899.D	CLP-2 0.53(mm)
IC 460-122272/10		08/02/2012 09:39	1	WR704899.D	CLP-1 0.53(mm)
IC 460-122272/11		08/02/2012 09:53	1	WF704900.D	CLP-2 0.53(mm)
IC 460-122272/11		08/02/2012 09:53	1	WR704900.D	CLP-1 0.53(mm)
ICV 460-122272/12		08/02/2012 10:07	1		CLP-2 0.53(mm)
ICV 460-122272/12		08/02/2012 10:07	1		CLP-1 0.53(mm)

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PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 08/06/2012 11:52

Analysis Batch Number: 123327 End Date: 08/06/2012 18:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/06/2012 11:52	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 11:52	1		CLP-1 0.53(mm)
CCV 460-123327/2		08/06/2012 12:06	1	WF705146.D	CLP-2 0.53(mm)
CCV 460-123327/2		08/06/2012 12:06	1	WR705146.D	CLP-1 0.53(mm)
PEM 460-123327/3		08/06/2012 12:30	1	WF705147.D	CLP-2 0.53(mm)
PEM 460-123327/3		08/06/2012 12:30	1	WR705147.D	CLP-1 0.53(mm)
ZZZZZ		08/06/2012 12:44	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 12:44	1		CLP-1 0.53(mm)
LCS 460-122228/2-A		08/06/2012 12:58	1	WF705149.D	CLP-2 0.53(mm)
LCS 460-122228/2-A		08/06/2012 12:58	1	WR705149.D	CLP-1 0.53(mm)
460-42971-3 MS	20120731SB-397V0-2N MS	08/06/2012 13:12	1	WF705150.D	CLP-2 0.53(mm)
460-42971-3 MS	20120731SB-397V0-2N MS	08/06/2012 13:12	1	WR705150.D	CLP-1 0.53(mm)
460-42971-3 MSD	20120731SB-397V0-2N MSD	08/06/2012 13:26	1	WF705151.D	CLP-2 0.53(mm)
460-42971-3 MSD	20120731SB-397V0-2N MSD	08/06/2012 13:26	1	WR705151.D	CLP-1 0.53(mm)
ZZZZZ		08/06/2012 13:40	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 13:40	1		CLP-1 0.53(mm)
ZZZZZ		08/06/2012 13:54	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 13:54	1		CLP-1 0.53(mm)
ZZZZZ		08/06/2012 14:08	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 14:08	1		CLP-1 0.53(mm)
ZZZZZ		08/06/2012 14:21	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 14:21	1		CLP-1 0.53(mm)
460-42971-1	20120731SB-396V0-2N	08/06/2012 14:35	1	WF705156.D	CLP-2 0.53(mm)
460-42971-1	20120731SB-396V0-2N	08/06/2012 14:35	1	WR705156.D	CLP-1 0.53(mm)
460-42971-2	20120731SB-396V6-7N	08/06/2012 14:49	1	WF705157.D	CLP-2 0.53(mm)
460-42971-2	20120731SB-396V6-7N	08/06/2012 14:49	1	WR705157.D	CLP-1 0.53(mm)
460-42971-3	20120731SB-397V0-2N	08/06/2012 15:03	1	WF705158.D	CLP-2 0.53(mm)
460-42971-3	20120731SB-397V0-2N	08/06/2012 15:03	1	WR705158.D	CLP-1 0.53(mm)
ZZZZZ		08/06/2012 15:19	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 15:19	1		CLP-1 0.53(mm)
ZZZZZ		08/06/2012 15:33	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 15:33	1		CLP-1 0.53(mm)
460-42971-6	20120731SB-397V5-6N	08/06/2012 15:47	1	WF705161.D	CLP-2 0.53(mm)
460-42971-6	20120731SB-397V5-6N	08/06/2012 15:47	1	WR705161.D	CLP-1 0.53(mm)
460-42971-7	20120731SB-394V0-2N	08/06/2012 16:01	1	WF705162.D	CLP-2 0.53(mm)
460-42971-7	20120731SB-394V0-2N	08/06/2012 16:01	1	WR705162.D	CLP-1 0.53(mm)
460-42971-8	20120731SB-394V7-8N	08/06/2012 16:15	1	WF705163.D	CLP-2 0.53(mm)
460-42971-8	20120731SB-394V7-8N	08/06/2012 16:15	1	WR705163.D	CLP-1 0.53(mm)
460-42971-9	20120731SB-393V0-2N	08/06/2012 16:29	1	WF705164.D	CLP-2 0.53(mm)
460-42971-9	20120731SB-393V0-2N	08/06/2012 16:29	1	WR705164.D	CLP-1 0.53(mm)
460-42971-10	20120731SB-393V7-8N	08/06/2012 16:43	1	WF705165.D	CLP-2 0.53(mm)
460-42971-10	20120731SB-393V7-8N	08/06/2012 16:43	1	WR705165.D	CLP-1 0.53(mm)
460-42971-11	20120731SB-392V0-2N	08/06/2012 16:57	1	WF705166.D	CLP-2 0.53(mm)

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PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 08/06/2012 11:52

Analysis Batch Number: 123327 End Date: 08/06/2012 18:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-42971-11	20120731SB-392V0-2N	08/06/2012 16:57	1	WR705166.D	CLP-1 0.53(mm)
460-42971-12	20120731SB-392V7-8N	08/06/2012 17:10	1	WF705167.D	CLP-2 0.53(mm)
460-42971-12	20120731SB-392V7-8N	08/06/2012 17:10	1	WR705167.D	CLP-1 0.53(mm)
460-42971-13	20120731SB-387V0-2N	08/06/2012 17:25	1	WF705168.D	CLP-2 0.53(mm)
460-42971-13	20120731SB-387V0-2N	08/06/2012 17:25	1	WR705168.D	CLP-1 0.53(mm)
460-42971-14	20120731SB-387V3-4N	08/06/2012 17:38	1	WF705169.D	CLP-2 0.53(mm)
460-42971-14	20120731SB-387V3-4N	08/06/2012 17:38	1	WR705169.D	CLP-1 0.53(mm)
ZZZZZ		08/06/2012 17:52	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 17:52	1		CLP-1 0.53(mm)
MB 460-122228/1-A		08/06/2012 18:06	1	WF705171.D	CLP-2 0.53(mm)
MB 460-122228/1-A		08/06/2012 18:06	1	WR705171.D	CLP-1 0.53(mm)
ZZZZZ		08/06/2012 18:20	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 18:20	1		CLP-1 0.53(mm)
CCV 460-123327/30		08/06/2012 18:34	1	WF705173.D	CLP-2 0.53(mm)
CCV 460-123327/30		08/06/2012 18:34	1	WR705173.D	CLP-1 0.53(mm)
ZZZZZ		08/06/2012 18:48	1		CLP-2 0.53(mm)
ZZZZZ		08/06/2012 18:48	1		CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 08/13/2012 06:21

Analysis Batch Number: 123769 End Date: 08/13/2012 12:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RESC 460-123769/1		08/13/2012 06:21	1		CLP-2 0.53(mm)
RESC 460-123769/1		08/13/2012 06:21	1		CLP-1 0.53(mm)
PIBLK 460-123769/2		08/13/2012 06:35	1		CLP-2 0.53(mm)
PIBLK 460-123769/2		08/13/2012 06:35	1		CLP-1 0.53(mm)
PEM 460-123769/3		08/13/2012 06:49	1	WF705423.D	CLP-2 0.53(mm)
PEM 460-123769/3		08/13/2012 06:49	1	WR705423.D	CLP-1 0.53(mm)
CCVRT 460-123769/4		08/13/2012 07:03	1	WF705424.D	CLP-2 0.53(mm)
CCVRT 460-123769/4		08/13/2012 07:03	1	WR705424.D	CLP-1 0.53(mm)
ZZZZZ		08/13/2012 07:22	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 07:22	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 07:36	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 07:36	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 07:50	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 07:50	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 08:04	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 08:04	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 08:18	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 08:18	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 08:31	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 08:31	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 08:45	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 08:45	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 08:59	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 08:59	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 09:13	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 09:13	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 09:27	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 09:27	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 09:41	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 09:41	1		CLP-1 0.53(mm)
460-42971-16	20120731FD	08/13/2012 09:55	10	WF705436.D	CLP-2 0.53(mm)
460-42971-16	20120731FD	08/13/2012 09:55	10	WR705436.D	CLP-1 0.53(mm)
ZZZZZ		08/13/2012 10:09	25		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 10:09	25		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 10:23	2		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 10:23	2		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 10:37	25		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 10:37	25		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 10:51	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 10:51	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 11:05	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 11:05	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 11:19	250		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 11:19	250		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 11:37	1		CLP-2 0.53(mm)

8081A

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 08/13/2012 06:21

Analysis Batch Number: 123769 End Date: 08/13/2012 12:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/13/2012 11:37	1		CLP-1 0.53(mm)
ZZZZZ		08/13/2012 11:51	1		CLP-2 0.53(mm)
ZZZZZ		08/13/2012 11:51	1		CLP-1 0.53(mm)
PIBLK 460-123769/25		08/13/2012 12:05	1		CLP-2 0.53(mm)
PIBLK 460-123769/25		08/13/2012 12:05	1		CLP-1 0.53(mm)
CCV 460-123769/26		08/13/2012 12:19	1	WF705446.D	CLP-2 0.53(mm)
CCV 460-123769/26		08/13/2012 12:19	1	WR705446.D	CLP-1 0.53(mm)

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PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122228 Batch Start Date: 08/02/12 07:13 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PESTSP 00011	OPPSTPCBSU 00021	
MB 460-122228/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-122228/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-42971-E-3 MS	20120731SB-397V0-2N	3541, 8081A	T	15.04 g	10 mL	75	100 uL	50 uL	
460-42971-E-3 MSD	20120731SB-397V0-2N	3541, 8081A	T	15.05 g	10 mL	76	100 uL	50 uL	
460-42971-E-1	20120731SB-396V0-2N	3541, 8081A	T	15.03 g	10 mL	81		50 uL	
460-42971-E-2	20120731SB-396V6-7N	3541, 8081A	T	15.00 g	10 mL	82		50 uL	
460-42971-E-3	20120731SB-397V0-2N	3541, 8081A	T	15.04 g	10 mL	83		50 uL	
460-42971-E-6	20120731SB-397V5-6N	3541, 8081A	T	15.00 g	10 mL	116		50 uL	
460-42971-E-7	20120731SB-394V0-2N	3541, 8081A	T	15.00 g	10 mL	117		50 uL	
460-42971-E-8	20120731SB-394V7-8N	3541, 8081A	T	15.00 g	10 mL	118		50 uL	
460-42971-E-9	20120731SB-393V0-2N	3541, 8081A	T	15.01 g	10 mL	119		50 uL	
460-42971-E-10	20120731SB-393V7-8N	3541, 8081A	T	15.03 g	10 mL	120		50 uL	
460-42971-E-11	20120731SB-392V0-2N	3541, 8081A	T	15.02 g	10 mL	103		50 uL	
460-42971-E-12	20120731SB-392V7-8N	3541, 8081A	T	15.00 g	10 mL	104		50 uL	
460-42971-E-13	20120731SB-387V0-2N	3541, 8081A	T	15.00 g	10 mL	105		50 uL	
460-42971-E-14	20120731SB-387V3-4N	3541, 8081A	T	15.04 g	10 mL	106		50 uL	
460-42971-E-16	20120731FD	3541, 8081A	T	15.03 g	10 mL	107		50 uL	

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122228 Batch Start Date: 08/02/12 07:13 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Florisil Lot #	s213-39
Vendor lot number	l11e24
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	7:13am

Basis	Basis Description
T	Total/NA

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122268 Batch Start Date: 08/02/12 10:03 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date: 08/02/12 18:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PESTSP 00011	OPPSTPCBSU 00021	
MB 460-122268/1		3510C, 8081A		7	1000 mL	5 mL		50 uL	
LCS 460-122268/2		3510C, 8081A		7	1000 mL	5 mL	100 uL	50 uL	
LCSD 460-122268/3		3510C, 8081A		7	1000 mL	5 mL	100 uL	50 uL	
460-42971-F-15	20120731EB	3510C, 8081A	T	7	990 mL	5 mL		50 uL	

Batch Notes	
Person's name who did the concentration	gt
Exchange Solvent Lot #	6383
Exchange Solvent Name	hexane
Final Concentrator Volume	5 mL
Na2SO4 Lot Number	135309
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	5957
Prep Solvent Name	mecl2
Prep Solvent Volume Used	180ml mL
Person's name who did the prep	gt
Person's name who witnessed reagent drop	wuh

Basis	Basis Description
T	Total/NA

METALS

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METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG No.:

Project: Rohm and Haas Philly Plant

Client Sample ID	Lab Sample ID
20120731SB-396V0-2N	460-42971-1
20120731SB-396V6-7N	460-42971-2
20120731SB-397V0-2N	460-42971-3
20120731SB-397V5-6N	460-42971-6
20120731SB-394V0-2N	460-42971-7
20120731SB-394V7-8N	460-42971-8
20120731SB-393V0-2N	460-42971-9
20120731SB-393V7-8N	460-42971-10
20120731SB-392V0-2N	460-42971-11
20120731SB-392V7-8N	460-42971-12
20120731SB-387V0-2N	460-42971-13
20120731SB-387V3-4N	460-42971-14
20120731EB	460-42971-15
20120731FD	460-42971-16

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-396V0-2N
Lab Sample ID: 460-42971-1
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 09:10
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 87.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8640	45.1	20.5	mg/Kg			4	6010B
7440-36-0	Antimony	2.9	2.3	1.4	mg/Kg			4	6010B
7440-38-2	Arsenic	12.0	1.1	1.1	mg/Kg			4	6010B
7440-39-3	Barium	106	45.1	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.42	0.45	0.16	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.31	1.1	0.17	mg/Kg	J		4	6010B
7440-70-2	Calcium	12600	1130	79.8	mg/Kg			4	6010B
7440-47-3	Chromium	23.2	2.3	0.97	mg/Kg			4	6010B
7440-48-4	Cobalt	5.9	11.3	0.96	mg/Kg	J		4	6010B
7440-50-8	Copper	44.7	5.6	2.2	mg/Kg			4	6010B
7439-89-6	Iron	18500	33.8	13.6	mg/Kg			4	6010B
7439-92-1	Lead	266	1.1	0.97	mg/Kg			4	6010B
7439-95-4	Magnesium	1500	1130	81.1	mg/Kg			4	6010B
7439-96-5	Manganese	217	3.4	0.99	mg/Kg			4	6010B
7440-02-0	Nickel	12.9	9.0	0.99	mg/Kg			4	6010B
7440-09-7	Potassium	700	1130	121	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.5	2.3	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.23	2.3	0.23	mg/Kg	U		4	6010B
7440-23-5	Sodium	773	1130	178	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.3	2.3	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	16.8	11.3	0.87	mg/Kg			4	6010B
7440-66-6	Zinc	134	6.8	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.89	0.035	0.023	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-396V6-7N
Lab Sample ID: 460-42971-2
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 09:05
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 68.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14000	54.8	24.9	mg/Kg			4	6010B
7440-36-0	Antimony	1.7	2.7	1.7	mg/Kg	U		4	6010B
7440-38-2	Arsenic	7.0	1.4	1.3	mg/Kg			4	6010B
7440-39-3	Barium	135	54.8	1.6	mg/Kg			4	6010B
7440-41-7	Beryllium	0.80	0.55	0.20	mg/Kg			4	6010B
7440-43-9	Cadmium	1.9	1.4	0.20	mg/Kg			4	6010B
7440-70-2	Calcium	3430	1370	97.0	mg/Kg			4	6010B
7440-47-3	Chromium	36.8	2.7	1.2	mg/Kg			4	6010B
7440-48-4	Cobalt	9.5	13.7	1.2	mg/Kg	J		4	6010B
7440-50-8	Copper	34.1	6.9	2.7	mg/Kg			4	6010B
7439-89-6	Iron	23300	41.1	16.6	mg/Kg			4	6010B
7439-92-1	Lead	154	1.4	1.2	mg/Kg			4	6010B
7439-95-4	Magnesium	4650	1370	98.7	mg/Kg			4	6010B
7439-96-5	Manganese	452	4.1	1.2	mg/Kg			4	6010B
7440-02-0	Nickel	21.4	11.0	1.2	mg/Kg			4	6010B
7440-09-7	Potassium	1540	1370	147	mg/Kg			4	6010B
7782-49-2	Selenium	2.0	2.7	1.8	mg/Kg	J		4	6010B
7440-22-4	Silver	0.27	2.7	0.27	mg/Kg	U		4	6010B
7440-23-5	Sodium	546	1370	217	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.5	2.7	1.5	mg/Kg	U		4	6010B
7440-62-2	Vanadium	33.4	13.7	1.1	mg/Kg			4	6010B
7440-66-6	Zinc	349	8.2	1.5	mg/Kg			4	6010B
7439-97-6	Mercury	0.65	0.047	0.031	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-397V0-2N
Lab Sample ID: 460-42971-3
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 09:25
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 72.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8570	55.6	25.3	mg/Kg			4	6010B
7440-36-0	Antimony	11.8	2.8	1.7	mg/Kg			4	6010B
7440-38-2	Arsenic	48.6	1.4	1.3	mg/Kg			4	6010B
7440-39-3	Barium	330	55.6	1.6	mg/Kg			4	6010B
7440-41-7	Beryllium	0.53	0.56	0.20	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.78	1.4	0.21	mg/Kg	J		4	6010B
7440-70-2	Calcium	3040	1390	98.4	mg/Kg			4	6010B
7440-47-3	Chromium	38.3	2.8	1.2	mg/Kg			4	6010B
7440-48-4	Cobalt	3.3	13.9	1.2	mg/Kg	J		4	6010B
7440-50-8	Copper	323	6.9	2.7	mg/Kg			4	6010B
7439-89-6	Iron	17800	41.7	16.8	mg/Kg			4	6010B
7439-92-1	Lead	5110	13.9	11.9	mg/Kg			40	6010B
7439-95-4	Magnesium	535	1390	100	mg/Kg	J		4	6010B
7439-96-5	Manganese	42.3	4.2	1.2	mg/Kg			4	6010B
7440-02-0	Nickel	11.3	11.1	1.2	mg/Kg			4	6010B
7440-09-7	Potassium	885	1390	149	mg/Kg	J		4	6010B
7782-49-2	Selenium	3.1	2.8	1.8	mg/Kg			4	6010B
7440-22-4	Silver	1.9	2.8	0.28	mg/Kg	J		4	6010B
7440-23-5	Sodium	349	1390	220	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.6	2.8	1.6	mg/Kg	U		4	6010B
7440-62-2	Vanadium	31.2	13.9	1.1	mg/Kg			4	6010B
7440-66-6	Zinc	256	8.3	1.5	mg/Kg			4	6010B
7439-97-6	Mercury	0.53	0.046	0.031	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-397V5-6N
Lab Sample ID: 460-42971-6
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 09:35
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 72.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	11400	50.5	23.0	mg/Kg			4	6010B
7440-36-0	Antimony	156	2.5	1.6	mg/Kg			4	6010B
7440-38-2	Arsenic	1110	1.3	1.2	mg/Kg			4	6010B
7440-39-3	Barium	509	50.5	1.4	mg/Kg			4	6010B
7440-41-7	Beryllium	0.82	0.50	0.18	mg/Kg			4	6010B
7440-43-9	Cadmium	0.72	1.3	0.19	mg/Kg	J		4	6010B
7440-70-2	Calcium	8970	1260	89.4	mg/Kg			4	6010B
7440-47-3	Chromium	21.2	2.5	1.1	mg/Kg			4	6010B
7440-48-4	Cobalt	18.2	12.6	1.1	mg/Kg			4	6010B
7440-50-8	Copper	367	6.3	2.4	mg/Kg			4	6010B
7439-89-6	Iron	85000	94.7	38.2	mg/Kg			10	6010B
7439-92-1	Lead	2610	1.3	1.1	mg/Kg			4	6010B
7439-95-4	Magnesium	1600	1260	90.9	mg/Kg			4	6010B
7439-96-5	Manganese	94.7	3.8	1.1	mg/Kg			4	6010B
7440-02-0	Nickel	18.4	10.1	1.1	mg/Kg			4	6010B
7440-09-7	Potassium	753	1260	135	mg/Kg	J		4	6010B
7782-49-2	Selenium	13.4	2.5	1.7	mg/Kg			4	6010B
7440-22-4	Silver	6.6	2.5	0.25	mg/Kg			4	6010B
7440-23-5	Sodium	453	1260	199	mg/Kg	J		4	6010B
7440-28-0	Thallium	28.8	2.5	1.4	mg/Kg			4	6010B
7440-62-2	Vanadium	17.3	12.6	0.97	mg/Kg			4	6010B
7440-66-6	Zinc	375	7.6	1.4	mg/Kg			4	6010B
7439-97-6	Mercury	19.4	0.41	0.28	mg/Kg			10	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-394V0-2N
Lab Sample ID: 460-42971-7
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 10:05
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 87.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6150	43.6	19.9	mg/Kg			4	6010B
7440-36-0	Antimony	2.5	2.2	1.4	mg/Kg			4	6010B
7440-38-2	Arsenic	46.3	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	125	43.6	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.49	0.44	0.16	mg/Kg			4	6010B
7440-43-9	Cadmium	0.43	1.1	0.16	mg/Kg	J		4	6010B
7440-70-2	Calcium	8730	1090	77.2	mg/Kg			4	6010B
7440-47-3	Chromium	13.4	2.2	0.94	mg/Kg			4	6010B
7440-48-4	Cobalt	27.2	10.9	0.93	mg/Kg			4	6010B
7440-50-8	Copper	52.1	5.5	2.1	mg/Kg			4	6010B
7439-89-6	Iron	21000	32.7	13.2	mg/Kg			4	6010B
7439-92-1	Lead	439	1.1	0.94	mg/Kg			4	6010B
7439-95-4	Magnesium	1810	1090	78.6	mg/Kg			4	6010B
7439-96-5	Manganese	184	3.3	0.96	mg/Kg			4	6010B
7440-02-0	Nickel	14.5	8.7	0.96	mg/Kg			4	6010B
7440-09-7	Potassium	635	1090	117	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	307	1090	172	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	16.6	10.9	0.84	mg/Kg			4	6010B
7440-66-6	Zinc	150	6.5	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	26.4	1.1	0.72	mg/Kg			30	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-394V7-8N
Lab Sample ID: 460-42971-8
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 10:10
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 72.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	16500	50.0	22.8	mg/Kg			4	6010B
7440-36-0	Antimony	1.6	2.5	1.6	mg/Kg	U		4	6010B
7440-38-2	Arsenic	18.6	1.3	1.2	mg/Kg			4	6010B
7440-39-3	Barium	177	50.0	1.4	mg/Kg			4	6010B
7440-41-7	Beryllium	1.6	0.50	0.18	mg/Kg			4	6010B
7440-43-9	Cadmium	12.1	1.3	0.19	mg/Kg			4	6010B
7440-70-2	Calcium	13600	1250	88.5	mg/Kg			4	6010B
7440-47-3	Chromium	24.1	2.5	1.1	mg/Kg			4	6010B
7440-48-4	Cobalt	22.2	12.5	1.1	mg/Kg			4	6010B
7440-50-8	Copper	79.4	6.3	2.4	mg/Kg			4	6010B
7439-89-6	Iron	31000	37.5	15.1	mg/Kg			4	6010B
7439-92-1	Lead	337	1.3	1.1	mg/Kg			4	6010B
7439-95-4	Magnesium	2620	1250	90.0	mg/Kg			4	6010B
7439-96-5	Manganese	1090	3.8	1.1	mg/Kg			4	6010B
7440-02-0	Nickel	65.6	10.0	1.1	mg/Kg			4	6010B
7440-09-7	Potassium	1890	1250	134	mg/Kg			4	6010B
7782-49-2	Selenium	3.1	2.5	1.7	mg/Kg			4	6010B
7440-22-4	Silver	0.79	2.5	0.25	mg/Kg	J		4	6010B
7440-23-5	Sodium	8290	1250	198	mg/Kg			4	6010B
7440-28-0	Thallium	35.3	62.5	35.3	mg/Kg	U		100	6010B
7440-62-2	Vanadium	22.6	12.5	0.96	mg/Kg			4	6010B
7440-66-6	Zinc	3390	188	33.8	mg/Kg			100	6010B
7439-97-6	Mercury	2.8	0.089	0.060	mg/Kg			2	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-393V0-2N
Lab Sample ID: 460-42971-9
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 10:35
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 92.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9540	41.2	18.7	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	5.6	1.0	0.97	mg/Kg			4	6010B
7440-39-3	Barium	75.9	41.2	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.50	0.41	0.15	mg/Kg			4	6010B
7440-43-9	Cadmium	0.15	1.0	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	10800	1030	72.9	mg/Kg			4	6010B
7440-47-3	Chromium	19.9	2.1	0.89	mg/Kg			4	6010B
7440-48-4	Cobalt	8.5	10.3	0.88	mg/Kg	J		4	6010B
7440-50-8	Copper	18.9	5.1	2.0	mg/Kg			4	6010B
7439-89-6	Iron	22000	30.9	12.5	mg/Kg			4	6010B
7439-92-1	Lead	61.8	1.0	0.89	mg/Kg			4	6010B
7439-95-4	Magnesium	4010	1030	74.2	mg/Kg			4	6010B
7439-96-5	Manganese	480	3.1	0.91	mg/Kg			4	6010B
7440-02-0	Nickel	15.8	8.2	0.91	mg/Kg			4	6010B
7440-09-7	Potassium	3140	1030	110	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.21	2.1	0.21	mg/Kg	U		4	6010B
7440-23-5	Sodium	378	1030	163	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	21.2	10.3	0.79	mg/Kg			4	6010B
7440-66-6	Zinc	76.7	6.2	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.047	0.033	0.022	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-393V7-8N
Lab Sample ID: 460-42971-10
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 10:40
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 84.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7310	42.5	19.3	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	23.4	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	91.9	42.5	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.51	0.42	0.15	mg/Kg			4	6010B
7440-43-9	Cadmium	0.79	1.1	0.16	mg/Kg	J		4	6010B
7440-70-2	Calcium	5530	1060	75.2	mg/Kg			4	6010B
7440-47-3	Chromium	37.8	2.1	0.91	mg/Kg			4	6010B
7440-48-4	Cobalt	6.5	10.6	0.90	mg/Kg	J		4	6010B
7440-50-8	Copper	92.0	5.3	2.1	mg/Kg			4	6010B
7439-89-6	Iron	19800	31.9	12.8	mg/Kg			4	6010B
7439-92-1	Lead	386	1.1	0.91	mg/Kg			4	6010B
7439-95-4	Magnesium	1630	1060	76.5	mg/Kg			4	6010B
7439-96-5	Manganese	366	3.2	0.93	mg/Kg			4	6010B
7440-02-0	Nickel	15.2	8.5	0.93	mg/Kg			4	6010B
7440-09-7	Potassium	743	1060	114	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.21	2.1	0.21	mg/Kg	U		4	6010B
7440-23-5	Sodium	466	1060	168	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	18.0	10.6	0.82	mg/Kg			4	6010B
7440-66-6	Zinc	288	6.4	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	1.3	0.039	0.026	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-392V0-2N
Lab Sample ID: 460-42971-11
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 11:00
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 84.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6900	45.2	20.6	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.3	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	15.3	1.1	1.1	mg/Kg			4	6010B
7440-39-3	Barium	63.8	45.2	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.50	0.45	0.16	mg/Kg			4	6010B
7440-43-9	Cadmium	0.46	1.1	0.17	mg/Kg	J		4	6010B
7440-70-2	Calcium	2710	1130	80.1	mg/Kg			4	6010B
7440-47-3	Chromium	33.2	2.3	0.97	mg/Kg			4	6010B
7440-48-4	Cobalt	5.7	11.3	0.96	mg/Kg	J		4	6010B
7440-50-8	Copper	84.4	5.7	2.2	mg/Kg			4	6010B
7439-89-6	Iron	17300	33.9	13.7	mg/Kg			4	6010B
7439-92-1	Lead	110	1.1	0.97	mg/Kg			4	6010B
7439-95-4	Magnesium	2220	1130	81.4	mg/Kg			4	6010B
7439-96-5	Manganese	293	3.4	1.0	mg/Kg			4	6010B
7440-02-0	Nickel	13.2	9.0	1.0	mg/Kg			4	6010B
7440-09-7	Potassium	789	1130	121	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.5	2.3	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.23	2.3	0.23	mg/Kg	U		4	6010B
7440-23-5	Sodium	512	1130	179	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.3	2.3	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	15.7	11.3	0.87	mg/Kg			4	6010B
7440-66-6	Zinc	102	6.8	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.18	0.035	0.023	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-392V7-8N
Lab Sample ID: 460-42971-12
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 11:05
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 69.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13900	55.6	25.3	mg/Kg			4	6010B
7440-36-0	Antimony	1.7	2.8	1.7	mg/Kg	U		4	6010B
7440-38-2	Arsenic	8.0	1.4	1.3	mg/Kg			4	6010B
7440-39-3	Barium	108	55.6	1.6	mg/Kg			4	6010B
7440-41-7	Beryllium	0.64	0.56	0.20	mg/Kg			4	6010B
7440-43-9	Cadmium	0.21	1.4	0.21	mg/Kg	U		4	6010B
7440-70-2	Calcium	2810	1390	98.5	mg/Kg			4	6010B
7440-47-3	Chromium	37.2	2.8	1.2	mg/Kg			4	6010B
7440-48-4	Cobalt	8.8	13.9	1.2	mg/Kg	J		4	6010B
7440-50-8	Copper	145	7.0	2.7	mg/Kg			4	6010B
7439-89-6	Iron	25700	41.7	16.8	mg/Kg			4	6010B
7439-92-1	Lead	20.1	1.4	1.2	mg/Kg			4	6010B
7439-95-4	Magnesium	5010	1390	100	mg/Kg			4	6010B
7439-96-5	Manganese	409	4.2	1.2	mg/Kg			4	6010B
7440-02-0	Nickel	18.0	11.1	1.2	mg/Kg			4	6010B
7440-09-7	Potassium	1580	1390	149	mg/Kg			4	6010B
7782-49-2	Selenium	1.8	2.8	1.8	mg/Kg	U		4	6010B
7440-22-4	Silver	0.28	2.8	0.28	mg/Kg	U		4	6010B
7440-23-5	Sodium	321	1390	220	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.6	2.8	1.6	mg/Kg	U		4	6010B
7440-62-2	Vanadium	30.7	13.9	1.1	mg/Kg			4	6010B
7440-66-6	Zinc	127	8.3	1.5	mg/Kg			4	6010B
7439-97-6	Mercury	0.073	0.046	0.031	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-387V0-2N
Lab Sample ID: 460-42971-13
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 12:30
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 88.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10900	41.3	18.8	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	41.1	1.0	0.97	mg/Kg			4	6010B
7440-39-3	Barium	310	41.3	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	1.0	0.41	0.15	mg/Kg			4	6010B
7440-43-9	Cadmium	0.84	1.0	0.15	mg/Kg	J		4	6010B
7440-70-2	Calcium	13900	1030	73.1	mg/Kg			4	6010B
7440-47-3	Chromium	10.3	2.1	0.89	mg/Kg			4	6010B
7440-48-4	Cobalt	5.9	10.3	0.88	mg/Kg	J		4	6010B
7440-50-8	Copper	93.8	5.2	2.0	mg/Kg			4	6010B
7439-89-6	Iron	51400	310	125	mg/Kg			40	6010B
7439-92-1	Lead	190	1.0	0.89	mg/Kg			4	6010B
7439-95-4	Magnesium	780	1030	74.4	mg/Kg	J		4	6010B
7439-96-5	Manganese	117	3.1	0.91	mg/Kg			4	6010B
7440-02-0	Nickel	17.9	8.3	0.91	mg/Kg			4	6010B
7440-09-7	Potassium	483	1030	111	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.96	2.1	0.21	mg/Kg	J		4	6010B
7440-23-5	Sodium	935	1030	163	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	16.3	10.3	0.79	mg/Kg			4	6010B
7440-66-6	Zinc	341	6.2	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.28	0.034	0.023	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731SB-387V3-4N
Lab Sample ID: 460-42971-14
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 12:35
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 85.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13600	43.7	19.9	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	6.3	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	254	43.7	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	1.4	0.44	0.16	mg/Kg			4	6010B
7440-43-9	Cadmium	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	22700	1090	77.4	mg/Kg			4	6010B
7440-47-3	Chromium	9.6	2.2	0.94	mg/Kg			4	6010B
7440-48-4	Cobalt	4.1	10.9	0.93	mg/Kg	J		4	6010B
7440-50-8	Copper	14.3	5.5	2.1	mg/Kg			4	6010B
7439-89-6	Iron	47500	328	132	mg/Kg			40	6010B
7439-92-1	Lead	6.5	1.1	0.94	mg/Kg			4	6010B
7439-95-4	Magnesium	897	1090	78.7	mg/Kg	J		4	6010B
7439-96-5	Manganese	169	3.3	0.96	mg/Kg			4	6010B
7440-02-0	Nickel	11.6	8.7	0.96	mg/Kg			4	6010B
7440-09-7	Potassium	774	1090	117	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	1180	1090	173	mg/Kg			4	6010B
7440-28-0	Thallium	1.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	18.0	10.9	0.84	mg/Kg			4	6010B
7440-66-6	Zinc	13.3	6.6	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.024	0.037	0.024	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731EB
Lab Sample ID: 460-42971-15
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Water
Date Sampled: 07/31/2012 14:00
Reporting Basis: WET
Date Received: 07/31/2012 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	72.1	200	72.1	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-39-3	Barium	5.9	200	5.9	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-70-2	Calcium	305	5000	305	ug/L	U		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-48-4	Cobalt	4.3	50.0	4.3	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-89-6	Iron	73.6	150	73.6	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	321	5000	321	ug/L	U		1	6010B
7439-96-5	Manganese	4.3	15.0	4.3	ug/L	U		1	6010B
7440-02-0	Nickel	5.0	40.0	5.0	ug/L	U		1	6010B
7440-09-7	Potassium	525	5000	525	ug/L	U		1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-23-5	Sodium	821	5000	821	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.8	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120731FD
Lab Sample ID: 460-42971-16
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/31/2012 00:00
Reporting Basis: DRY
Date Received: 07/31/2012 19:30
% Solids: 74.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2450	244	111	mg/Kg			20	6010B
7440-36-0	Antimony	396	12.2	7.6	mg/Kg			20	6010B
7440-38-2	Arsenic	1530	6.1	5.7	mg/Kg			20	6010B
7440-39-3	Barium	361	244	6.9	mg/Kg			20	6010B
7440-41-7	Beryllium	0.88	2.4	0.88	mg/Kg	U		20	6010B
7440-43-9	Cadmium	0.90	6.1	0.90	mg/Kg	U		20	6010B
7440-70-2	Calcium	3660	6090	431	mg/Kg	J		20	6010B
7440-47-3	Chromium	15.2	12.2	5.2	mg/Kg			20	6010B
7440-48-4	Cobalt	33.0	60.9	5.2	mg/Kg	J		20	6010B
7440-50-8	Copper	622	30.5	11.8	mg/Kg			20	6010B
7439-89-6	Iron	147000	183	73.7	mg/Kg			20	6010B
7439-92-1	Lead	11600	6.1	5.2	mg/Kg			20	6010B
7439-95-4	Magnesium	531	6090	439	mg/Kg	J		20	6010B
7439-96-5	Manganese	121	18.3	5.4	mg/Kg			20	6010B
7440-02-0	Nickel	30.2	48.7	5.4	mg/Kg	J		20	6010B
7440-09-7	Potassium	652	6090	652	mg/Kg	U		20	6010B
7782-49-2	Selenium	19.0	12.2	8.0	mg/Kg			20	6010B
7440-22-4	Silver	26.1	12.2	1.2	mg/Kg			20	6010B
7440-23-5	Sodium	963	6090	963	mg/Kg	U		20	6010B
7440-28-0	Thallium	83.9	12.2	6.9	mg/Kg			20	6010B
7440-62-2	Vanadium	13.5	60.9	4.7	mg/Kg	J		20	6010B
7440-66-6	Zinc	489	36.6	6.6	mg/Kg			20	6010B
7439-97-6	Mercury	10.4	0.44	0.29	mg/Kg			10	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00055 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00055

Analyte	ICV 460-122452/7 08/02/2012 16:20				CCV 460-122452/31 08/02/2012 17:48				CCV 460-122452/43 08/02/2012 18:31			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	128500		125000	103	127300		125000	102	127400		125000	102
Antimony	1021		1000	102	1024		1000	102	1012		1000	101
Arsenic	2542		2500	102	2557		2500	102	2539		2500	102
Barium	10370		10000	104	10410		10000	104	10350		10000	104
Beryllium	1043		1000	104	1014		1000	101	1016		1000	102
Cadmium	1290		1250	103	1296		1250	104	1291		1250	103
Calcium	132300		125000	106	128300		125000	103	129100		125000	103
Chromium	5180		5000	104	5223		5000	104	5199		5000	104
Cobalt	2594		2500	104	2592		2500	104	2574		2500	103
Copper	12980		12500	104	12510		12500	100	12590		12500	101
Iron	103800		100000	104	104200		100000	104	103900		100000	104
Lead	7767		7500	104	7785		7500	104	7761		7500	103
Magnesium	129100		125000	103	130500		125000	104	129500		125000	104
Manganese	5239		5000	105	5173		5000	103	5164		5000	103
Nickel	2594		2500	104	2602		2500	104	2584		2500	103
Potassium	51460		50000	103	50060		50000	100	50380		50000	101
Selenium	2546		2500	102	2559		2500	102	2530		2500	101
Silver	1280		1250	102	1278		1250	102	1271		1250	102
Sodium	129900		125000	104	129300		125000	103	129600		125000	104
Thallium	2605		2500	104	2614		2500	105	2601		2500	104
Vanadium	2572		2500	103	2580		2500	103	2577		2500	103
Zinc	2584		2500	103	2588		2500	104	2580		2500	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00055 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00055

Analyte	CCV 460-122452/55 08/02/2012 19:14				CCV 460-122452/67 08/02/2012 19:56				CCV 460-122452/79 08/02/2012 20:40			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	127700		125000	102	128300		125000	103	126800		125000	101
Antimony	1028		1000	103	1019		1000	102	999.8		1000	100
Arsenic	2571		2500	103	2553		2500	102	2519		2500	101
Barium	10440		10000	104	10360		10000	104	10210		10000	102
Beryllium	1015		1000	102	1028		1000	103	1012		1000	101
Cadmium	1303		1250	104	1294		1250	104	1278		1250	102
Calcium	128600		125000	103	130600		125000	104	129200		125000	103
Chromium	5242		5000	105	5214		5000	104	5153		5000	103
Cobalt	2606		2500	104	2583		2500	103	2536		2500	101
Copper	12540		12500	100	12760		12500	102	12610		12500	101
Iron	104400		100000	104	104400		100000	104	103400		100000	103
Lead	7815		7500	104	7784		7500	104	7700		7500	103
Magnesium	131200		125000	105	129900		125000	104	128300		125000	103
Manganese	5203		5000	104	5203		5000	104	5129		5000	103
Nickel	2612		2500	104	2590		2500	104	2550		2500	102
Potassium	50290		50000	101	51010		50000	102	50380		50000	101
Selenium	2565		2500	103	2543		2500	102	2505		2500	100
Silver	1280		1250	102	1275		1250	102	1264		1250	101
Sodium	130100		125000	104	131000		125000	105	128000		125000	102
Thallium	2617		2500	105	2602		2500	104	2577		2500	103
Vanadium	2582		2500	103	2587		2500	103	2571		2500	103
Zinc	2602		2500	104	2590		2500	104	2558		2500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00055 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00055

Analyte	CCV 460-122452/91 08/02/2012 21:23				CCV 460-122452/99 08/02/2012 21:52							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	126600		125000	101	126700		125000	101				
Antimony	1006		1000	101	1010		1000	101				
Arsenic	2537		2500	101	2531		2500	101				
Barium	10230		10000	102	10240		10000	102				
Beryllium	1008		1000	101	1006		1000	101				
Cadmium	1283		1250	103	1286		1250	103				
Calcium	128400		125000	103	128300		125000	103				
Chromium	5166		5000	103	5171		5000	103				
Cobalt	2549		2500	102	2550		2500	102				
Copper	12560		12500	100	12500		12500	100				
Iron	103600		100000	104	103700		100000	104				
Lead	7721		7500	103	7740		7500	103				
Magnesium	129300		125000	103	129400		125000	104				
Manganese	5140		5000	103	5136		5000	103				
Nickel	2560		2500	102	2565		2500	103				
Potassium	50140		50000	100	50180		50000	100				
Selenium	2527		2500	101	2536		2500	101				
Silver	1266		1250	101	1268		1250	101				
Sodium	128000		125000	102	128300		125000	103				
Thallium	2586		2500	103	2588		2500	104				
Vanadium	2567		2500	103	2569		2500	103				
Zinc	2569		2500	103	2572		2500	103				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00055 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00055

Analyte	ICV 460-122544/7 08/03/2012 11:55				CCV 460-122544/19 08/03/2012 12:38				CCV 460-122544/31 08/03/2012 13:23			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124700		125000	100	125200		125000	100	124700		125000	100
Antimony	983.2		1000	98	985.4		1000	99	988.9		1000	99
Arsenic	2459		2500	98	2470		2500	99	2486		2500	99
Barium	10040		10000	100	10100		10000	101	10140		10000	101
Beryllium	1005		1000	101	991.5		1000	99	983.9		1000	98
Cadmium	1249		1250	100	1255		1250	100	1260		1250	101
Calcium	128600		125000	103	128000		125000	102	126900		125000	102
Chromium	5028		5000	101	5065		5000	101	5070		5000	101
Cobalt	2502		2500	100	2504		2500	100	2513		2500	101
Copper	12510		12500	100	12390		12500	99	12280		12500	98
Iron	100800		100000	101	101200		100000	101	101100		100000	101
Lead	7537		7500	100	7564		7500	101	7586		7500	101
Magnesium	124700		125000	100	124900		125000	100	125400		125000	100
Manganese	5080		5000	102	5047		5000	101	5042		5000	101
Nickel	2506		2500	100	2512		2500	100	2522		2500	101
Potassium	49900		50000	100	49810		50000	100	49460		50000	99
Selenium	2468		2500	99	2469		2500	99	2480		2500	99
Silver	1235		1250	99	1240		1250	99	1243		1250	99
Sodium	125400		125000	100	124500		125000	100	126000		125000	101
Thallium	2527		2500	101	2546		2500	102	2554		2500	102
Vanadium	2507		2500	100	2530		2500	101	2525		2500	101
Zinc	2505		2500	100	2507		2500	100	2511		2500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00055 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00055

Analyte	CCV 460-122544/43 08/03/2012 14:05											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	125800		125000	101								
Antimony	995.1		1000	100								
Arsenic	2499		2500	100								
Barium	10220		10000	102								
Beryllium	966.2		1000	97								
Cadmium	1271		1250	102								
Calcium	126500		125000	101								
Chromium	5138		5000	103								
Cobalt	2511		2500	100								
Copper	12150		12500	97								
Iron	102400		100000	102								
Lead	7646		7500	102								
Magnesium	126400		125000	101								
Manganese	5008		5000	100								
Nickel	2531		2500	101								
Potassium	49160		50000	98								
Selenium	2487		2500	99								
Silver	1247		1250	100								
Sodium	125400		125000	100								
Thallium	2581		2500	103								
Vanadium	2568		2500	103								
Zinc	2519		2500	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00055 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00055

Analyte	ICV 460-122616/7 08/04/2012 00:20				CCV 460-122616/55 08/04/2012 03:15				CCV 460-122616/67 08/04/2012 03:58			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124300		125000	99	123400		125000	99	122700		125000	98
Antimony	981.2		1000	98	966.7		1000	97	971.3		1000	97
Arsenic	2454		2500	98	2424		2500	97	2439		2500	98
Barium	10000		10000	100	9888		10000	99	9920		10000	99
Beryllium	1003		1000	100	991.7		1000	99	989.7		1000	99
Cadmium	1247		1250	100	1232		1250	99	1237		1250	99
Calcium	126400		125000	101	125800		125000	101	123700		125000	99
Chromium	5009		5000	100	4966		5000	99	4999		5000	100
Cobalt	2495		2500	100	2471		2500	99	2470		2500	99
Copper	12360		12500	99	12310		12500	98	11990		12500	96
Iron	100400		100000	100	99310		100000	99	99700		100000	100
Lead	7502		7500	100	7421		7500	99	7443		7500	99
Magnesium	124800		125000	100	123500		125000	99	124700		125000	100
Manganese	5051		5000	101	5032		5000	101	4989		5000	100
Nickel	2498		2500	100	2469		2500	99	2475		2500	99
Potassium	49480		50000	99	49190		50000	98	48510		50000	97
Selenium	2466		2500	99	2414		2500	97	2433		2500	97
Silver	1232		1250	99	1214		1250	97	1217		1250	97
Sodium	124200		125000	99	123500		125000	99	122500		125000	98
Thallium	2507		2500	100	2480		2500	99	2506		2500	100
Vanadium	2492		2500	100	2464		2500	99	2471		2500	99
Zinc	2499		2500	100	2482		2500	99	2484		2500	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00056 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00056

Analyte	ICV 460-123407/7 08/09/2012 17:58				CCV 460-123407/31 08/09/2012 19:25				CCV 460-123407/43 08/09/2012 20:08			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	125600		125000	100	126700		125000	101	127600		125000	102
Antimony	999.0		1000	100	993.0		1000	99	1001		1000	100
Arsenic	2497		2500	100	2484		2500	99	2485		2500	99
Barium	10060		10000	101	10060		10000	101	10060		10000	101
Beryllium	1005		1000	101	1016		1000	102	1031		1000	103
Cadmium	1261		1250	101	1260		1250	101	1259		1250	101
Calcium	127900		125000	102	129900		125000	104	130900		125000	105
Chromium	5122		5000	102	5084		5000	102	5071		5000	101
Cobalt	2521		2500	101	2528		2500	101	2535		2500	101
Copper	12630		12500	101	12730		12500	102	12870		12500	103
Iron	102700		100000	103	101800		100000	102	101500		100000	102
Lead	7677		7500	102	7661		7500	102	7656		7500	102
Magnesium	127600		125000	102	126400		125000	101	125700		125000	101
Manganese	5180		5000	104	5167		5000	103	5180		5000	104
Nickel	2532		2500	101	2538		2500	102	2542		2500	102
Potassium	50470		50000	101	50450		50000	101	50900		50000	102
Selenium	2475		2500	99	2466		2500	99	2481		2500	99
Silver	1260		1250	101	1252		1250	100	1256		1250	100
Sodium	125500		125000	100	128200		125000	103	129300		125000	103
Thallium	2533		2500	101	2530		2500	101	2534		2500	101
Vanadium	2526		2500	101	2503		2500	100	2492		2500	100
Zinc	2523		2500	101	2525		2500	101	2523		2500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00056 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00056

Analyte	CCV 460-123407/55 08/09/2012 20:50											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	127400		125000	102								
Antimony	993.9		1000	99								
Arsenic	2476		2500	99								
Barium	10020		10000	100								
Beryllium	1033		1000	103								
Cadmium	1253		1250	100								
Calcium	131100		125000	105								
Chromium	5061		5000	101								
Cobalt	2527		2500	101								
Copper	12920		12500	103								
Iron	101400		100000	101								
Lead	7629		7500	102								
Magnesium	125400		125000	100								
Manganese	5187		5000	104								
Nickel	2531		2500	101								
Potassium	50800		50000	102								
Selenium	2457		2500	98								
Silver	1253		1250	100								
Sodium	129400		125000	104								
Thallium	2521		2500	101								
Vanadium	2487		2500	99								
Zinc	2515		2500	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00056 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00056

Analyte	ICV 460-123507/7 08/10/2012 10:50				CCV 460-123507/19 08/10/2012 11:34				CCV 460-123507/31 08/10/2012 12:18			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	7704		7500	103	7710		7500	103	7727		7500	103
Aluminum	126800		125000	101	125700		125000	101	125800		125000	101
Antimony	999.2		1000	100	1011		1000	101	1013		1000	101
Arsenic	2515		2500	101	2525		2500	101	2539		2500	102
Barium	10070		10000	101	10120		10000	101	10140		10000	101
Beryllium	1013		1000	101	999.2		1000	100	991.0		1000	99
Cadmium	1266		1250	101	1272		1250	102	1275		1250	102
Calcium	128600		125000	103	126400		125000	101	125900		125000	101
Chromium	5117		5000	102	5122		5000	102	5140		5000	103
Cobalt	2527		2500	101	2547		2500	102	2545		2500	102
Copper	12740		12500	102	12510		12500	100	12420		12500	99
Iron	102700		100000	103	102400		100000	102	102800		100000	103
Magnesium	127800		125000	102	128400		125000	103	128400		125000	103
Manganese	5173		5000	103	5160		5000	103	5142		5000	103
Nickel	2542		2500	102	2561		2500	102	2561		2500	102
Potassium	50800		50000	102	50180		50000	100	50010		50000	100
Selenium	2500		2500	100	2518		2500	101	2524		2500	101
Silver	1264		1250	101	1260		1250	101	1265		1250	101
Sodium	126200		125000	101	124900		125000	100	124700		125000	100
Thallium	2550		2500	102	2555		2500	102	2562		2500	102
Vanadium	2533		2500	101	2510		2500	100	2525		2500	101
Zinc	2535		2500	101	2545		2500	102	2546		2500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00056 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00056

Analyte	CCV 460-123507/43 08/10/2012 13:01											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	7663		7500	102								
Aluminum	125000		125000	100								
Antimony	1008		1000	101								
Arsenic	2510		2500	100								
Barium	10070		10000	101								
Beryllium	987.7		1000	99								
Cadmium	1265		1250	101								
Calcium	125100		125000	100								
Chromium	5103		5000	102								
Cobalt	2537		2500	101								
Copper	12350		12500	99								
Iron	101700		100000	102								
Magnesium	127900		125000	102								
Manganese	5115		5000	102								
Nickel	2550		2500	102								
Potassium	49480		50000	99								
Selenium	2505		2500	100								
Silver	1255		1250	100								
Sodium	124600		125000	100								
Thallium	2537		2500	101								
Vanadium	2490		2500	100								
Zinc	2530		2500	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_CCV_DUO_00057 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00057

Analyte	ICV 460-124774/7 08/20/2012 11:05				CCV 460-124774/19 08/20/2012 11:49				CCV 460-124774/31 08/20/2012 12:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	125200		125000	100	125700		125000	101	124400		125000	100
Antimony	986.7		1000	99	982.9		1000	98	994.7		1000	99
Arsenic	2467		2500	99	2456		2500	98	2458		2500	98
Barium	9952		10000	100	9923		10000	99	9925		10000	99
Beryllium	996.7		1000	100	994.9		1000	99	980.4		1000	98
Cadmium	1247		1250	100	1243		1250	99	1244		1250	100
Calcium	127300		125000	102	127600		125000	102	125500		125000	100
Chromium	5027		5000	101	5027		5000	101	4983		5000	100
Cobalt	2494		2500	100	2493		2500	100	2491		2500	100
Copper	12540		12500	100	12530		12500	100	12340		12500	99
Iron	101000		100000	101	100900		100000	101	100100		100000	100
Lead	7577		7500	101	7562		7500	101	7556		7500	101
Magnesium	125500		125000	100	125100		125000	100	124100		125000	99
Manganese	5073		5000	101	5095		5000	102	5021		5000	100
Nickel	2508		2500	100	2503		2500	100	2507		2500	100
Potassium	49680		50000	99	49970		50000	100	49200		50000	98
Selenium	2453		2500	98	2449		2500	98	2459		2500	98
Silver	1239		1250	99	1238		1250	99	1226		1250	98
Sodium	124600		125000	100	125600		125000	100	123400		125000	99
Thallium	2514		2500	101	2491		2500	100	2505		2500	100
Vanadium	2482		2500	99	2480		2500	99	2452		2500	98
Zinc	2499		2500	100	2495		2500	100	2493		2500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_DCAL-IN_00865 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00865

Analyte	ICV 460-122307/31-A 08/02/2012 13:49				CCV 460-122307/33-A 08/02/2012 14:12				CCV 460-122307/33-A 08/02/2012 14:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.03		5.00	101	5.17		5.00	103	5.21		5.00	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_DCAL-IN_00865 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00865

Analyte	CCV 460-122307/33-A 08/02/2012 14:51											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.18		5.00	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_DQCS-INT_00579 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00579

Analyte	ICV 460-122359/7-A 08/02/2012 19:43				CCV 460-122359/8-A 08/02/2012 21:52				CCV 460-122359/8-A 08/02/2012 22:16			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	825.0		833	99	803.3		833	96	810.0		833	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_DQCS-INT_00579 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00579

Analyte	CCV 460-122359/8-A 08/02/2012 22:40				CCV 460-122359/8-A 08/02/2012 22:58							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	806.7		833	97	813.3		833	98				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_DQCS-INT_00589 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00589

Analyte	ICV 460-123339/7-A 08/09/2012 19:04				CCV 460-123339/8-A 08/09/2012 19:28				CCV 460-123339/8-A 08/09/2012 19:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	841.7		833	101	858.3		833	103	840.0		833	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

ICV Source: ME_DQCS-INT_00589 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00589

Analyte	CCV 460-123339/8-A 08/09/2012 20:20											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	841.7		833	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-122452/8 08/02/2012 16:24		CCB 460-122452/32 08/02/2012 17:51		CCB 460-122452/44 08/02/2012 18:34		CCB 460-122452/56 08/02/2012 19:17	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	9.12	J	6.33	J	6.26	J	6.45	J

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-122452/68 08/02/2012 20:00		CCB 460-122452/80 08/02/2012 20:43		CCB 460-122452/92 08/02/2012 21:26		CCB 460-122452/100 08/02/2012 21:55	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	6.15	J	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-122544/8 08/03/2012 11:58		CCB 460-122544/20 08/03/2012 12:41		CCB 460-122544/32 08/03/2012 13:26		CCB 460-122544/44 08/03/2012 14:09	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-122616/8 08/04/2012 00:24		CCB 460-122616/56 08/04/2012 03:18		CCB 460-122616/68 08/04/2012 04:01			
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U		
Antimony	10.0	7.4	U	7.4	U	7.4	U		
Arsenic	5.0	3.7	U	3.7	U	3.7	U		
Barium	200	5.9	U	5.9	U	5.9	U		
Beryllium	2.0	0.78	U	0.78	U	0.78	U		
Cadmium	5.0	0.82	U	0.82	U	0.82	U		
Calcium	5000	305	U	305	U	305	U		
Chromium	10.0	4.5	U	4.5	U	4.5	U		
Cobalt	50.0	4.3	U	4.3	U	4.3	U		
Copper	25.0	7.8	U	7.8	U	7.8	U		
Iron	150	73.6	U	73.6	U	73.6	U		
Lead	5.0	4.0	U	4.0	U	4.0	U		
Magnesium	5000	321	U	321	U	321	U		
Manganese	15.0	4.3	U	4.3	U	4.3	U		
Nickel	40.0	5.0	U	5.0	U	5.0	U		
Potassium	5000	525	U	525	U	525	U		
Selenium	10.0	5.8	U	5.8	U	5.8	U		
Silver	10.0	1.3	U	1.3	U	1.3	U		
Sodium	5000	821	U	821	U	821	U		
Thallium	10.0	5.2	U	5.2	U	5.2	U		
Vanadium	50.0	4.0	U	4.0	U	4.0	U		
Zinc	30.0	5.8	U	5.8	U	5.8	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-123407/8 08/09/2012 18:01		CCB 460-123407/32 08/09/2012 19:28		CCB 460-123407/44 08/09/2012 20:11		CCB 460-123407/56 08/09/2012 20:54	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-123507/8 08/10/2012 10:54		CCB 460-123507/20 08/10/2012 11:38		CCB 460-123507/32 08/10/2012 12:21		CCB 460-123507/44 08/10/2012 13:04	
		Found	C	Found	C	Found	C	Found	C
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-124774/8 08/20/2012 11:09		CCB 460-124774/20 08/20/2012 11:52		CCB 460-124774/32 08/20/2012 12:36			
		Found	C	Found	C	Found	C	Found	C
Silver	10.0	1.3	U	1.3	U	1.3	U		
Aluminum	200	72.1	U	72.1	U	72.1	U		
Antimony	10.0	7.4	U	7.4	U	7.4	U		
Arsenic	5.0	3.7	U	3.7	U	3.7	U		
Barium	200	5.9	U	5.9	U	5.9	U		
Beryllium	2.0	0.78	U	0.78	U	0.78	U		
Cadmium	5.0	0.82	U	0.82	U	0.82	U		
Calcium	5000	305	U	305	U	305	U		
Chromium	10.0	4.5	U	4.5	U	4.5	U		
Cobalt	50.0	4.3	U	4.3	U	4.3	U		
Copper	25.0	7.8	U	7.8	U	7.8	U		
Iron	150	73.6	U	73.6	U	73.6	U		
Lead	5.0	4.0	U	4.0	U	4.0	U		
Magnesium	5000	321	U	321	U	321	U		
Manganese	15.0	4.3	U	4.3	U	4.3	U		
Nickel	40.0	5.0	U	5.0	U	5.0	U		
Potassium	5000	525	U	525	U	525	U		
Selenium	10.0	5.8	U	5.8	U	5.8	U		
Sodium	5000	821	U	821	U	821	U		
Thallium	10.0	5.2	U	5.2	U	5.2	U		
Vanadium	50.0	4.0	U	4.0	U	4.0	U		
Zinc	30.0	5.8	U	5.8	U	5.8	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-122366/8 08/02/2012 13:51		CCB 460-122366/20 08/02/2012 14:14		CCB 460-122366/31 08/02/2012 14:35		CCB 460-122366/41 08/02/2012 14:53	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-122410/8 08/02/2012 19:45		CCB 460-122410/70 08/02/2012 21:54		CCB 460-122410/82 08/02/2012 22:18		CCB 460-122410/94 08/02/2012 22:42	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-122410/102 08/02/2012 23:00							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-123377/8 08/09/2012 19:06		CCB 460-123377/20 08/09/2012 19:31		CCB 460-123377/32 08/09/2012 19:56		CCB 460-123377/44 08/09/2012 20:22	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-122238/1-A ^2

Instrument Code: ICP4 Batch No.: 122452

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	9.1	U		6010B
7440-36-0	Antimony	0.62	U		6010B
7440-38-2	Arsenic	0.47	U		6010B
7440-39-3	Barium	0.57	U		6010B
7440-41-7	Beryllium	0.072	U		6010B
7440-43-9	Cadmium	0.074	U		6010B
7440-70-2	Calcium	35.4	U		6010B
7440-47-3	Chromium	0.43	U		6010B
7440-48-4	Cobalt	0.43	U		6010B
7440-50-8	Copper	0.97	U		6010B
7439-89-6	Iron	6.1	U		6010B
7439-92-1	Lead	0.43	U		6010B
7439-95-4	Magnesium	36.0	U		6010B
7439-96-5	Manganese	0.44	U		6010B
7440-02-0	Nickel	0.44	U		6010B
7440-09-7	Potassium	53.5	U		6010B
7782-49-2	Selenium	0.66	U		6010B
7440-22-4	Silver	0.10	U		6010B
7440-23-5	Sodium	79.0	U		6010B
7440-28-0	Thallium	0.57	U		6010B
7440-62-2	Vanadium	0.38	U		6010B
7440-66-6	Zinc	0.54	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-122427/1-A

Instrument Code: ICP4 Batch No.: 122544

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	72.1	U		6010B
7440-36-0	Antimony	7.4	U		6010B
7440-38-2	Arsenic	3.7	U		6010B
7440-39-3	Barium	5.9	U		6010B
7440-41-7	Beryllium	0.78	U		6010B
7440-43-9	Cadmium	0.82	U		6010B
7440-70-2	Calcium	305	U		6010B
7440-47-3	Chromium	4.5	U		6010B
7440-48-4	Cobalt	4.3	U		6010B
7440-50-8	Copper	7.8	U		6010B
7439-89-6	Iron	73.6	U		6010B
7439-92-1	Lead	4.0	U		6010B
7439-95-4	Magnesium	321	U		6010B
7439-96-5	Manganese	4.3	U		6010B
7440-02-0	Nickel	5.0	U		6010B
7440-09-7	Potassium	525	U		6010B
7782-49-2	Selenium	5.8	U		6010B
7440-22-4	Silver	1.3	U		6010B
7440-23-5	Sodium	821	U		6010B
7440-28-0	Thallium	5.2	U		6010B
7440-62-2	Vanadium	4.0	U		6010B
7440-66-6	Zinc	5.8	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-123228/1-A ^2

Instrument Code: ICP4 Batch No.: 123407

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	9.1	U		6010B
7440-36-0	Antimony	0.62	U		6010B
7440-38-2	Arsenic	0.47	U		6010B
7440-39-3	Barium	0.57	U		6010B
7440-41-7	Beryllium	0.072	U		6010B
7440-43-9	Cadmium	0.074	U		6010B
7440-70-2	Calcium	35.4	U		6010B
7440-47-3	Chromium	0.43	U		6010B
7440-48-4	Cobalt	0.43	U		6010B
7440-50-8	Copper	0.97	U		6010B
7439-89-6	Iron	6.1	U		6010B
7439-92-1	Lead	0.43	U		6010B
7439-95-4	Magnesium	36.0	U		6010B
7439-96-5	Manganese	0.44	U		6010B
7440-02-0	Nickel	0.44	U		6010B
7440-09-7	Potassium	53.5	U		6010B
7782-49-2	Selenium	0.66	U		6010B
7440-22-4	Silver	0.10	U		6010B
7440-23-5	Sodium	79.0	U		6010B
7440-28-0	Thallium	0.57	U		6010B
7440-62-2	Vanadium	0.38	U		6010B
7440-66-6	Zinc	0.54	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-122307/1-A

Instrument Code: LEEMAN3 Batch No.: 122366

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.16	U		7470A

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-122369/10-A

Instrument Code: LEEMAN5 Batch No.: 122410

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.022	U		7471A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-123339/10-A

Instrument Code: LEEMAN5 Batch No.: 123377

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.022	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSA 460-122452/9 Instrument ID: ICP4

Lab File ID: 122238.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**532400**	**106**
Antimony		**0.0004**	
Arsenic		**-7.97**	
Barium		**-1.01**	
Beryllium		**0.0483**	
Cadmium		**-0.493**	
Calcium	**500000**	**462800**	**93**
Chromium		**-0.197**	
Cobalt		**-0.396**	
Copper		**-2.30**	
Iron	**200000**	**210700**	**105**
Lead		**-2.50**	
Magnesium	**500000**	**544900**	**109**
Manganese		**-2.16**	
Nickel		**1.34**	
Potassium		**-142**	
Selenium		**3.47**	
Silver		**-1.58**	
Sodium		**-51.9**	
Thallium		**-3.56**	
Vanadium		**-1.23**	
Zinc		**-1.07**	
Boron		*-1.53*	
Molybdenum		*-2.16*	
Strontium		*3.18*	
Tin		*2.18*	
Titanium		*5.11*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSAB 460-122452/10 Instrument ID: ICP4

Lab File ID: 122238.asc ICS Source: ME_ICSAB_DUO_00040

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**500000**	**530600**	**106**
Antimony	**100**	**98.3**	**98**
Arsenic	**100**	**96.9**	**97**
Barium	**100**	**101**	**101**
Beryllium	**100**	**104**	**104**
Cadmium	**100**	**101**	**101**
Calcium	**500000**	**456800**	**91**
Chromium	**100**	**105**	**105**
Cobalt	**100**	**100**	**100**
Copper	**100**	**108**	**108**
Iron	**200000**	**210400**	**105**
Lead	**100**	**96.8**	**97**
Magnesium	**500000**	**548900**	**110**
Manganese	**100**	**105**	**105**
Nickel	**100**	**101**	**101**
Potassium	**10000**	**10760**	**108**
Selenium	**100**	**104**	**104**
Silver	**100**	**109**	**109**
Sodium	**10000**	**11160**	**112**
Thallium	**100**	**91.9**	**92**
Vanadium	**100**	**103**	**103**
Zinc	**100**	**104**	**104**
Boron	*100*	*101*	*101*
Molybdenum	*100*	*97.5*	*97*
Strontium	*100*	*109*	*109*
Tin	*100*	*102*	*102*
Titanium	*100*	*108*	*108*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSA 460-122544/9 Instrument ID: ICP4

Lab File ID: 122427.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**523800**	**105**
Antimony		**2.54**	
Arsenic		**-5.39**	
Barium		**-0.442**	
Beryllium		**-0.0843**	
Cadmium		**0.366**	
Calcium	**500000**	**450000**	**90**
Chromium		**0.368**	
Cobalt		**-0.844**	
Copper		**-3.06**	
Iron	**200000**	**208100**	**104**
Lead		**-5.76**	
Magnesium	**500000**	**537200**	**107**
Manganese		**-1.72**	
Nickel		**0.925**	
Potassium		**-108**	
Selenium		**-0.471**	
Silver		**-1.73**	
Sodium		**27.2**	
Thallium		**-5.62**	
Vanadium		**-2.57**	
Zinc		**-0.142**	
Boron		*-0.739*	
Molybdenum		*-2.68*	
Strontium		*3.39*	
Tin		*0.548*	
Titanium		*7.46*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSAB 460-122544/10 Instrument ID: ICP4

Lab File ID: 122427.asc ICS Source: ME_ICSAB_DUO_00040

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**500000**	**521600**	**104**
Antimony	**100**	**100.0**	**100**
Arsenic	**100**	**94.0**	**94**
Barium	**100**	**99.8**	**100**
Beryllium	**100**	**100**	**100**
Cadmium	**100**	**99.6**	**100**
Calcium	**500000**	**445200**	**89**
Chromium	**100**	**103**	**103**
Cobalt	**100**	**97.2**	**97**
Copper	**100**	**99.9**	**100**
Iron	**200000**	**207000**	**103**
Lead	**100**	**96.5**	**96**
Magnesium	**500000**	**535900**	**107**
Manganese	**100**	**103**	**103**
Nickel	**100**	**98.7**	**99**
Potassium	**10000**	**10490**	**105**
Selenium	**100**	**105**	**105**
Silver	**100**	**108**	**108**
Sodium	**10000**	**10880**	**109**
Thallium	**100**	**89.1**	**89**
Vanadium	**100**	**100.0**	**100**
Zinc	**100**	**99.0**	**99**
Boron	*100*	*97.5*	*98*
Molybdenum	*100*	*95.3*	*95*
Strontium	*100*	*106*	*106*
Tin	*100*	*97.0*	*97*
Titanium	*100*	*109*	*109*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSA 460-122616/9 Instrument ID: ICP4

Lab File ID: 122424.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**528300**	**106**
Antimony		**-3.60**	
Arsenic		**-4.18**	
Barium		**3.97**	
Beryllium		**-0.314**	
Cadmium		**1.91**	
Calcium	**500000**	**467900**	**94**
Chromium		**-0.259**	
Cobalt		**-0.175**	
Copper		**8.52**	
Iron	**200000**	**208100**	**104**
Lead		**-1.70**	
Magnesium	**500000**	**536900**	**107**
Manganese		**-1.46**	
Nickel		**0.306**	
Potassium		**-184**	
Selenium		**4.32**	
Silver		**-2.26**	
Sodium		**-37.2**	
Thallium		**-5.06**	
Vanadium		**-4.76**	
Zinc		**-0.0224**	
Boron		*-0.424*	
Molybdenum		*-3.31*	
Strontium		*2.20*	
Tin		*1.33*	
Titanium		*8.24*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSAB 460-122616/10 Instrument ID: ICP4

Lab File ID: 122424.asc ICS Source: ME_ICSAB_DUO_00040

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**500000**	**515700**	**103**
Antimony	**100**	**94.6**	**95**
Arsenic	**100**	**96.7**	**97**
Barium	**100**	**103**	**103**
Beryllium	**100**	**100**	**100**
Cadmium	**100**	**99.7**	**100**
Calcium	**500000**	**453100**	**91**
Chromium	**100**	**102**	**102**
Cobalt	**100**	**96.4**	**96**
Copper	**100**	**108**	**108**
Iron	**200000**	**204400**	**102**
Lead	**100**	**96.3**	**96**
Magnesium	**500000**	**527800**	**106**
Manganese	**100**	**103**	**103**
Nickel	**100**	**96.6**	**97**
Potassium	**10000**	**10360**	**104**
Selenium	**100**	**102**	**102**
Silver	**100**	**105**	**105**
Sodium	**10000**	**10600**	**106**
Thallium	**100**	**90.2**	**90**
Vanadium	**100**	**98.0**	**98**
Zinc	**100**	**96.6**	**97**
Boron	*100*	*94.0*	*94*
Molybdenum	*100*	*96.0*	*96*
Strontium	*100*	*104*	*104*
Tin	*100*	*98.2*	*98*
Titanium	*100*	*110*	*110*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSA 460-123407/9 Instrument ID: ICP4

Lab File ID: 08092012A.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**516100**	**103**
Antimony		**-2.29**	
Arsenic		**2.56**	
Barium		**-0.336**	
Beryllium		**-0.0592**	
Cadmium		**-1.11**	
Calcium	**500000**	**468300**	**94**
Chromium		**-0.340**	
Cobalt		**-1.10**	
Copper		**-5.59**	
Iron	**200000**	**202600**	**101**
Lead		**2.27**	
Magnesium	**500000**	**525800**	**105**
Manganese		**-1.80**	
Nickel		**0.758**	
Potassium		**-10.9**	
Selenium		**-0.680**	
Silver		**-1.46**	
Sodium		**-56.1**	
Thallium		**0.574**	
Vanadium		**-2.74**	
Zinc		**-3.52**	
Boron		*2.73*	
Molybdenum		*-2.42*	
Strontium		*1.03*	
Tin		*1.95*	
Titanium		*-8.29*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSAB 460-123407/10 Instrument ID: ICP4

Lab File ID: 08092012A.asc ICS Source: ME_ICSAB_DUO_00040

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**500000**	**515800**	**103**
Antimony	**100**	**97.3**	**97**
Arsenic	**100**	**98.2**	**98**
Barium	**100**	**98.0**	**98**
Beryllium	**100**	**102**	**102**
Cadmium	**100**	**96.6**	**97**
Calcium	**500000**	**471300**	**94**
Chromium	**100**	**100**	**100**
Cobalt	**100**	**96.3**	**96**
Copper	**100**	**101**	**101**
Iron	**200000**	**202000**	**101**
Lead	**100**	**97.5**	**97**
Magnesium	**500000**	**521000**	**104**
Manganese	**100**	**102**	**102**
Nickel	**100**	**96.7**	**97**
Potassium	**10000**	**10720**	**107**
Selenium	**100**	**92.5**	**92**
Silver	**100**	**104**	**104**
Sodium	**10000**	**10670**	**107**
Thallium	**100**	**95.6**	**96**
Vanadium	**100**	**97.7**	**98**
Zinc	**100**	**93.9**	**94**
Boron	*100*	*97.0*	*97*
Molybdenum	*100*	*95.4*	*95*
Strontium	*100*	*103*	*103*
Tin	*100*	*96.9*	*97*
Titanium	*100*	*94.7*	*95*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSA 460-123507/17 Instrument ID: ICP4

Lab File ID: 08102012.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**-0.295**	
Aluminum	*500000*	*513100*	*103*
Antimony		*-5.97*	
Arsenic		*1.59*	
Barium		*-1.61*	
Beryllium		*-0.138*	
Boron		*-0.968*	
Cadmium		*-1.41*	
Calcium	*500000*	*473800*	*95*
Chromium		*-0.590*	
Cobalt		*-0.254*	
Copper		*-9.88*	
Iron	*200000*	*203400*	*102*
Magnesium	*500000*	*532100*	*106*
Manganese		*-1.76*	
Molybdenum		*-3.44*	
Nickel		*0.931*	
Potassium		*-288*	
Selenium		*-3.53*	
Silver		*-2.35*	
Sodium		*-133*	
Strontium		*1.08*	
Thallium		*2.56*	
Tin		*0.943*	
Titanium		*-4.44*	
Vanadium		*-2.17*	
Zinc		*-2.50*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSAB 460-123507/18 Instrument ID: ICP4

Lab File ID: 08102012.asc ICS Source: ME_ICSAB_DUO_00040

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**100**	**96.9**	**97**
Aluminum	*500000*	*508300*	*102*
Antimony	*100*	*98.7*	*99*
Arsenic	*100*	*98.5*	*98*
Barium	*100*	*97.6*	*98*
Beryllium	*100*	*98.8*	*99*
Boron	*100*	*97.3*	*97*
Cadmium	*100*	*97.1*	*97*
Calcium	*500000*	*465400*	*93*
Chromium	*100*	*101*	*101*
Cobalt	*100*	*96.9*	*97*
Copper	*100*	*87.3*	*87*
Iron	*200000*	*203200*	*102*
Magnesium	*500000*	*530000*	*106*
Manganese	*100*	*101*	*101*
Molybdenum	*100*	*94.7*	*95*
Nickel	*100*	*97.6*	*98*
Potassium	*10000*	*10190*	*102*
Selenium	*100*	*89.5*	*89*
Silver	*100*	*105*	*105*
Sodium	*10000*	*10280*	*103*
Strontium	*100*	*101*	*101*
Thallium	*100*	*97.3*	*97*
Tin	*100*	*99.5*	*100*
Titanium	*100*	*94.1*	*94*
Vanadium	*100*	*98.3*	*98*
Zinc	*100*	*96.2*	*96*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSA 460-124774/9 Instrument ID: ICP4

Lab File ID: 08202012.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Silver		**-0.929**	
Aluminum	*500000*	*521100*	*104*
Antimony		*-2.64*	
Arsenic		*-1.70*	
Barium		*-2.01*	
Beryllium		*0.0831*	
Boron		*1.99*	
Cadmium		*-0.531*	
Calcium	*500000*	*465400*	*93*
Chromium		*-0.554*	
Cobalt		*-0.206*	
Copper		*-1.08*	
Iron	*200000*	*201900*	*101*
Lead		*-3.41*	
Magnesium	*500000*	*523500*	*105*
Manganese		*-1.46*	
Molybdenum		*-1.66*	
Nickel		*0.490*	
Potassium		*-227*	
Selenium		*4.79*	
Sodium		*-88.7*	
Strontium		*1.28*	
Thallium		*-0.897*	
Tin		*1.08*	
Titanium		*0.824*	
Vanadium		*-3.41*	
Zinc		*-1.39*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Lab Sample ID: ICSAB 460-124774/10 Instrument ID: ICP4

Lab File ID: 08202012.asc ICS Source: ME_ICSAB_DUO_00040

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Silver	**100**	**103**	**103**
Aluminum	*500000*	*513400*	*103*
Antimony	*100*	*91.3*	*91*
Arsenic	*100*	*92.9*	*93*
Barium	*100*	*95.9*	*96*
Beryllium	*100*	*99.4*	*99*
Boron	*100*	*96.9*	*97*
Cadmium	*100*	*96.1*	*96*
Calcium	*500000*	*455200*	*91*
Chromium	*100*	*99.3*	*99*
Cobalt	*100*	*94.9*	*95*
Copper	*100*	*99.4*	*99*
Iron	*200000*	*200200*	*100*
Lead	*100*	*91.2*	*91*
Magnesium	*500000*	*517900*	*104*
Manganese	*100*	*99.5*	*99*
Molybdenum	*100*	*93.9*	*94*
Nickel	*100*	*95.0*	*95*
Potassium	*10000*	*10370*	*104*
Selenium	*100*	*99.9*	*100*
Sodium	*10000*	*10440*	*104*
Strontium	*100*	*103*	*103*
Thallium	*100*	*95.3*	*95*
Tin	*100*	*96.0*	*96*
Titanium	*100*	*102*	*102*
Vanadium	*100*	*96.6*	*97*
Zinc	*100*	*92.7*	*93*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 20120731SB-397V0-2N MS
Lab ID: 460-42971-3 MS
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 72.0

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	12220		10600		267	593	75-125	4	6010B
Antimony	57.68		16.8		66.8	61	75-125	F	6010B
Arsenic	283.7		48.4		267	88	75-125		6010B
Barium	563.2		364		267	75	75-125		6010B
Beryllium	7.06		0.64		6.68	96	75-125		6010B
Cadmium	6.91		0.65	J	6.68	94	75-125		6010B
Calcium	6415		4190		2670	83	75-125		6010B
Chromium	65.75		39.8		26.7	97	75-125		6010B
Cobalt	68.13		4.3	J	66.8	96	75-125		6010B
Copper	366.8		470		33.4	-308	75-125	4	6010B
Iron	22280		20700		134	1157	75-125	4	6010B
Lead	4876		10100		66.8	-7840	75-125	4	6010B
Magnesium	3193		896	J	2670	86	75-125		6010B
Manganese	124.7		62.4		66.8	93	75-125		6010B
Nickel	79.22		14.9		66.8	96	75-125		6010B
Potassium	3425		1280	J	2670	80	75-125		6010B
Selenium	234.8		2.6		267	87	75-125		6010B
Silver	7.72		2.9		6.68	72	75-125	F	6010B
Sodium	2939		406	J	2670	95	75-125		6010B
Thallium	258.4		1.5	U	267	97	75-125		6010B
Vanadium	95.89		31.2		66.8	97	75-125		6010B
Zinc	364.2		301		66.8	95	75-125	4	6010B
Mercury	0.778		0.53		0.232	107	75-125		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 20120731SB-393V0-2N MS
Lab ID: 460-42971-9 MS
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 92.5

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	9447		9350		210	45	75-125	4	6010B
Antimony	25.16		1.3	U	52.5	48	75-125	F	6010B
Arsenic	194.6		5.9		210	90	75-125		6010B
Barium	263.7		74.8		210	90	75-125		6010B
Beryllium	5.49		0.46		5.25	96	75-125		6010B
Cadmium	5.31		0.29	J	5.25	96	75-125		6010B
Calcium	11140		10500		2100	30	75-125	4	6010B
Chromium	38.26		19.0		21.0	92	75-125		6010B
Cobalt	56.80		8.3	J	52.5	92	75-125		6010B
Copper	44.41		19.4		26.2	95	75-125		6010B
Iron	20460		21100		105	-582	75-125	4	6010B
Lead	125.0		60.0		52.5	124	75-125		6010B
Magnesium	5264		3770		2100	71	75-125	F	6010B
Manganese	379.0		467		52.5	-167	75-125	4	6010B
Nickel	65.11		15.3		52.5	95	75-125		6010B
Potassium	4557		3080		2100	70	75-125	F	6010B
Selenium	185.3		1.4	U	210	88	75-125		6010B
Silver	4.68		0.21	U	5.25	89	75-125		6010B
Sodium	2350		386	J	2100	93	75-125		6010B
Thallium	203.9		1.2	U	210	97	75-125		6010B
Vanadium	67.63		19.9		52.5	91	75-125		6010B
Zinc	122.5		73.4		52.5	94	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-42963-F-4-B MS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	1.07		0.16	U	1.00	107	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID:
Lab ID: 460-42964-E-40-F MS
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 91.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.174		0.024	U	0.183	95	75-125		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-42969-K-3-C MS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2197		190	J	2000	100	75-125		6010B
Antimony	495.4		7.4	U	500	99	75-125		6010B
Arsenic	2030		4.7	J	2000	101	75-125		6010B
Barium	2332		303		2000	101	75-125		6010B
Beryllium	50.73		0.78	U	50.0	101	75-125		6010B
Cadmium	52.22		0.82	U	50.0	104	75-125		6010B
Calcium	46460		25500		20000	105	75-125		6010B
Chromium	214.4		4.5	U	200	107	75-125		6010B
Cobalt	512.1		4.3	U	500	102	75-125		6010B
Copper	255.7		7.8	U	250	102	75-125		6010B
Iron	1365		304		1000	106	75-125		6010B
Lead	519.2		4.0	U	500	104	75-125		6010B
Magnesium	26640		6570		20000	100	75-125		6010B
Manganese	3630		3110		500	103	75-125	4	6010B
Nickel	519.8		5.0	U	500	104	75-125		6010B
Potassium	24220		4120	J	20000	100	75-125		6010B
Selenium	1994		5.8	U	2000	100	75-125		6010B
Silver	51.51		1.3	U	50.0	103	75-125		6010B
Thallium	2069		5.2	U	2000	103	75-125		6010B
Vanadium	522.8		4.0	U	500	105	75-125		6010B
Zinc	523.6		5.8	U	500	105	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 20120731SB-397V0-2N PDS
Lab ID: 460-42971-3 PDS
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	11040		10600		529	NC	75-125		6010B
Antimony	136.7		16.8		132	91	75-125		6010B
Arsenic	533.5		48.4		529	92	75-125		6010B
Barium	867.2		364		529	95	75-125		6010B
Beryllium	13.56		0.64		13.2	98	75-125		6010B
Cadmium	13.24		0.65	J	13.2	95	75-125		6010B
Calcium	9458		4190		5290	99	75-125		6010B
Chromium	90.37		39.8		52.9	96	75-125		6010B
Cobalt	131.9		4.3	J	132	96	75-125		6010B
Copper	528.5		470		66.2	89	75-125		6010B
Iron	20780		20700		265	NC	75-125		6010B
Lead	10830		10100		662	NC	75-125		6010B
Magnesium	5777		896	J	5290	92	75-125		6010B
Manganese	193.4		62.4		132	99	75-125		6010B
Nickel	143.5		14.9		132	97	75-125		6010B
Potassium	6304		1280	J	5290	95	75-125		6010B
Selenium	477.7		2.6		529	90	75-125		6010B
Silver	14.87		2.9		13.2	91	75-125		6010B
Sodium	5565		406	J	5290	97	75-125		6010B
Thallium	523.2		1.5	U	529	99	75-125		6010B
Vanadium	155.2		31.2		132	94	75-125		6010B
Zinc	422.4		301		132	92	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 20120731SB-393V0-2N PDS Lab ID: 460-42971-9 PDS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	9759		9350		412	NC	75-125		6010B
Antimony	89.52		1.3	U	103	87	75-125		6010B
Arsenic	392.8		5.9		412	94	75-125		6010B
Barium	475.0		74.8		412	97	75-125		6010B
Beryllium	10.49		0.46		10.3	97	75-125		6010B
Cadmium	10.20		0.29	J	10.3	99	75-125		6010B
Calcium	14670		10500		4120	93	75-125		6010B
Chromium	61.22		19.0		41.2	100	75-125		6010B
Cobalt	108.7		8.3	J	103	97	75-125		6010B
Copper	68.53		19.4		51.5	96	75-125		6010B
Iron	21690		21100		206	NC	75-125		6010B
Lead	163.2		60.0		103	98	75-125		6010B
Magnesium	7934		3770		4120	95	75-125		6010B
Manganese	571.0		467		103	88	75-125		6010B
Nickel	117.3		15.3		103	99	75-125		6010B
Potassium	6997		3080		4120	94	75-125		6010B
Selenium	379.4		1.4	U	412	92	75-125		6010B
Silver	7.91		0.21	U	10.3	77	75-125		6010B
Sodium	4445		386	J	4120	99	75-125		6010B
Thallium	416.9		1.2	U	412	101	75-125		6010B
Vanadium	122.2		19.9		103	98	75-125		6010B
Zinc	174.9		73.4		103	95	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-42969-K-3-A PDS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	1967		190	J	2000	89	75-125		6010B
Antimony	445.7		7.4	U	500	89	75-125		6010B
Arsenic	1820		4.7	J	2000	91	75-125		6010B
Barium	2113		303		2000	90	75-125		6010B
Beryllium	45.32		0.78	U	50.0	91	75-125		6010B
Cadmium	46.69		0.82	U	50.0	93	75-125		6010B
Calcium	43540		25500		20000	90	75-125		6010B
Chromium	192.1		4.5	U	200	96	75-125		6010B
Cobalt	458.5		4.3	U	500	92	75-125		6010B
Copper	230.3		7.8	U	250	92	75-125		6010B
Iron	1243		304		1000	94	75-125		6010B
Lead	467.9		4.0	U	500	94	75-125		6010B
Magnesium	24410		6570		20000	89	75-125		6010B
Manganese	3509		3110		500	79	75-125		6010B
Nickel	464.9		5.0	U	500	93	75-125		6010B
Potassium	21960		4120	J	20000	89	75-125		6010B
Selenium	1783		5.8	U	2000	89	75-125		6010B
Silver	49.16		1.3	U	50.0	98	75-125		6010B
Thallium	1869		5.2	U	2000	93	75-125		6010B
Vanadium	469.0		4.0	U	500	94	75-125		6010B
Zinc	470.5		5.8	U	500	94	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 20120731SB-397V0-2N DU
Lab ID: 460-42971-3 DU
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
% Solids for Sample: 72.0
% Solids for Duplicate: 72.0
Matrix: Solid
Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	51.9	10600		9764		9		6010B
Antimony	2.6	16.8		18.38		9		6010B
Arsenic	1.3	48.4		55.36		13		6010B
Barium	51.9	364		338.6		7		6010B
Beryllium	0.52	0.64		0.633		1		6010B
Cadmium	1.3	0.65	J	0.786	J	19		6010B
Calcium	1300	4190		4259		2		6010B
Chromium	2.6	39.8		41.16		3		6010B
Cobalt	13.0	4.3	J	4.58	J	7		6010B
Copper	6.5	470		375.8		22	F	6010B
Iron	39.0	20700		23840		14		6010B
Lead	6.5	10100		5472		60	F	6010B
Magnesium	1300	896	J	768.7	J	15		6010B
Manganese	3.9	62.4		69.02		10		6010B
Nickel	10.4	14.9		14.40		4		6010B
Potassium	1300	1280	J	1018	J	23		6010B
Selenium	2.6	2.6		3.71		36		6010B
Silver	2.6	2.9		1.97	J	38		6010B
Sodium	1300	406	J	383.3	J	6		6010B
Thallium	2.6	1.5	U	1.5	U	NC		6010B
Vanadium	13.0	31.2		34.59		10		6010B
Zinc	7.8	301		328.5		9		6010B
Mercury	0.046	0.53		1.37		88	F	7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 20120731SB-393V0-2N DU
Lab ID: 460-42971-9 DU
Lab Name: TestAmerica Edison
Job No.: 460-42971-1
SDG No.:
% Solids for Sample: 92.5
% Solids for Duplicate: 92.5
Matrix: Solid
Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	40.8	9350		9478		0.6		6010B
Antimony	2.0	1.3	U	1.3	U	NC		6010B
Arsenic	1.0	5.9		5.70		1		6010B
Barium	40.8	74.8		75.25		0.9		6010B
Beryllium	0.41	0.46		0.528		5		6010B
Cadmium	1.0	0.29	J	0.15	U	NC		6010B
Calcium	1020	10500		10770		0.5		6010B
Chromium	2.0	19.0		19.71		1		6010B
Cobalt	10.2	8.3	J	8.41	J	0.6		6010B
Copper	5.1	19.4		19.06		1		6010B
Iron	30.6	21100		21850		0.9		6010B
Lead	1.0	60.0		61.11		1		6010B
Magnesium	1020	3770		3975		0.9		6010B
Manganese	3.1	467		477.9		0.5		6010B
Nickel	8.2	15.3		15.65		0.7		6010B
Potassium	1020	3080		3126		0.3		6010B
Selenium	2.0	1.4	U	1.3	U	NC		6010B
Silver	2.0	0.21	U	0.20	U	NC		6010B
Sodium	1020	386	J	381.1	J	0.7		6010B
Thallium	2.0	1.2	U	1.2	U	NC		6010B
Vanadium	10.2	19.9		21.00		0.9		6010B
Zinc	6.1	73.4		76.09		0.8		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-42963-B-4-B DU

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.20	0.16	U	0.16	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID:

Lab ID: 460-42964-E-40-E DU

Lab Name: TestAmerica Edison

Job No.: 460-42971-1

SDG No.:

% Solids for Sample: 91.2

% Solids for Duplicate: 91.2

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.036	0.024	U	0.024	U	NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-42969-K-3-B DU

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	190	J	183.5	J	3		6010B
Antimony	10.0	7.4	U	7.4	U	NC		6010B
Arsenic	5.0	4.7	J	4.05	J	15		6010B
Barium	200	303		303.2		0.03		6010B
Beryllium	2.0	0.78	U	0.78	U	NC		6010B
Cadmium	5.0	0.82	U	0.82	U	NC		6010B
Calcium	5000	25500		25280		0.9		6010B
Chromium	10.0	4.5	U	4.5	U	NC		6010B
Cobalt	50.0	4.3	U	4.3	U	NC		6010B
Copper	25.0	7.8	U	7.8	U	NC		6010B
Iron	150	304		312.5		3		6010B
Lead	5.0	4.0	U	4.0	U	NC		6010B
Magnesium	5000	6570		6579		0.09		6010B
Manganese	15.0	3110		3101		0.4		6010B
Nickel	40.0	5.0	U	5.0	U	NC		6010B
Potassium	5000	4120	J	4117	J	0.1		6010B
Selenium	10.0	5.8	U	5.8	U	NC		6010B
Silver	10.0	1.3	U	1.3	U	NC		6010B
Thallium	10.0	5.2	U	5.2	U	NC		6010B
Vanadium	50.0	4.0	U	4.0	U	NC		6010B
Zinc	30.0	5.8	U	5.8	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-122238/2-A

Lab Name: TestAmerica Edison Job No.: 460-42971-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	8950	6531		73.0	43.3	156.8		6010B
Antimony	115	198.3		171.8	20.8	252.5		6010B
Arsenic	162	157.8		97.7	70.8	129.8		6010B
Barium	205	200.4		97.8	73.2	126.8		6010B
Beryllium	106	105.4		99.6	75.1	125.5		6010B
Cadmium	99.0	101.3		102.3	73.0	126.2		6010B
Calcium	6610	6942		105.1	74.4	125.8		6010B
Chromium	114	120.1		105.0	69.7	129.4		6010B
Cobalt	126	132.8		105.4	74.4	125.2		6010B
Copper	113	115.0		101.3	74.6	124.6		6010B
Iron	12500	12780		102.3	32.2	167.7		6010B
Lead	73.9	77.42		104.7	68.7	131.3		6010B
Magnesium	2670	2504		93.7	65.1	135.3		6010B
Manganese	325	350.0		107.7	75.4	125.1		6010B
Nickel	67.3	71.69		106.5	70.9	129.0		6010B
Potassium	3010	2644		87.9	62.9	136.7		6010B
Selenium	121	119.2		98.4	66.7	134.1		6010B
Silver	40.7	40.62		99.9	66.2	134.0		6010B
Sodium	337	313.8	J	93.3	42.9	156.9		6010B
Thallium	200	217.9		108.9	69.2	130.8		6010B
Vanadium	83.8	85.50		102.1	63.1	136.6		6010B
Zinc	265	270.4		101.9	71.4	128.6		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-122427/2-A

Lab Name: TestAmerica Edison Job No.: 460-42971-1

Sample Matrix: Water LCS Source: ME_LCS-int_00031

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2042		102	80	120		6010B
Antimony	500	498.3		100	80	120		6010B
Arsenic	2000	1989		99	80	120		6010B
Barium	2000	2077		104	80	120		6010B
Beryllium	50.0	50.71		101	80	120		6010B
Cadmium	50.0	52.54		105	80	120		6010B
Calcium	20000	21700		109	80	120		6010B
Chromium	200	212.3		106	80	120		6010B
Cobalt	500	523.9		105	80	120		6010B
Copper	250	255.9		102	80	120		6010B
Iron	1000	1067		107	80	120		6010B
Lead	500	541.0		108	80	120		6010B
Magnesium	20000	20610		103	80	120		6010B
Manganese	500	538.6		108	80	120		6010B
Nickel	500	533.3		107	80	120		6010B
Potassium	20000	20260		101	80	120		6010B
Selenium	2000	1968		98	80	120		6010B
Silver	50.0	49.30		99	80	120		6010B
Sodium	20000	20830		104	80	120		6010B
Thallium	2000	2255		113	80	120		6010B
Vanadium	500	515.6		103	80	120		6010B
Zinc	500	519.1		104	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-123228/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-42971-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	8950	5788		64.7	43.3	156.8		6010B
Antimony	115	205.4		178.0	20.8	252.5		6010B
Arsenic	162	154.4		95.6	70.8	129.8		6010B
Barium	205	199.2		97.3	73.2	126.8		6010B
Beryllium	106	111.4		105.3	75.1	125.5		6010B
Cadmium	99.0	107.6		108.6	73.0	126.2		6010B
Calcium	6610	7521		113.9	74.4	125.8		6010B
Chromium	114	120.0		104.9	69.7	129.4		6010B
Cobalt	126	141.7		112.5	74.4	125.2		6010B
Copper	113	122.0		107.5	74.6	124.6		6010B
Iron	12500	10670		85.4	32.2	167.7		6010B
Lead	73.9	77.10		104.3	68.7	131.3		6010B
Magnesium	2670	2285		85.5	65.1	135.3		6010B
Manganese	325	352.5		108.5	75.4	125.1		6010B
Nickel	67.3	76.29		113.3	70.9	129.0		6010B
Potassium	3010	2577		85.6	62.9	136.7		6010B
Selenium	121	119.0		98.2	66.7	134.1		6010B
Silver	40.7	40.02		98.4	66.2	134.0		6010B
Sodium	337	330.2	J	98.1	42.9	156.9		6010B
Thallium	200	217.3		108.7	69.2	130.8		6010B
Vanadium	83.8	82.65		98.7	63.1	136.6		6010B
Zinc	265	278.8		105.1	71.4	128.6		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-122307/2-A

Lab Name: TestAmerica Edison Job No.: 460-42971-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_00865

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.00		100	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-122369/11-A ^40

Lab Name: TestAmerica Edison Job No.: 460-42971-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	25.1	25.07		99.9	51.4	148.2		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-123339/11-A ^40

Lab Name: TestAmerica Edison Job No.: 460-42971-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	25.1	25.60		102.0	51.4	148.2		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-42971-3

SDG No:

Lab Name: TestAmerica Edison Job No: 460-42971-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	10600		11150		4.9		6010B
Antimony	16.8		16.78		NC		6010B
Arsenic	48.4		46.67		NC		6010B
Barium	364		379.2		4.3		6010B
Beryllium	0.64		0.95	U	NC		6010B
Cadmium	0.65	J	0.98	U	NC		6010B
Calcium	4190		4329	J	NC		6010B
Chromium	39.8		41.14		NC		6010B
Cobalt	4.3	J	5.6	U	NC		6010B
Copper	470		493.7		5.1		6010B
Iron	20700		21780		5.0		6010B
Lead	10100		10090		0.24		6010B
Magnesium	896	J	951.7	J	NC		6010B
Manganese	62.4		65.14		4.4		6010B
Nickel	14.9		15.75	J	NC		6010B
Potassium	1280	J	1268	J	NC		6010B
Selenium	2.6		8.7	U	NC		6010B
Silver	2.9		2.95	J	NC		6010B
Sodium	406	J	1050	U	NC		6010B
Thallium	1.5	U	7.5	U	NC		6010B
Vanadium	31.2		31.72	J	NC		6010B
Zinc	301		312.3		3.8		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-42971-9

SDG No:

Lab Name: TestAmerica Edison Job No: 460-42971-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	9540		9667		1.4		6010B
Antimony	1.3	U	6.4	U	NC		6010B
Arsenic	5.6		5.39		NC		6010B
Barium	75.9		76.68	J	1.0		6010B
Beryllium	0.50		0.74	U	NC		6010B
Cadmium	0.15	U	0.76	U	NC		6010B
Calcium	10800		11010		1.7		6010B
Chromium	19.9		20.23		NC		6010B
Cobalt	8.5	J	8.57	J	NC		6010B
Copper	18.9		22.09	J	NC		6010B
Iron	22000		22500		2.1		6010B
Lead	61.8		62.48		1.1		6010B
Magnesium	4010		4122	J	2.8		6010B
Manganese	480		488.5		1.7		6010B
Nickel	15.8		16.52	J	NC		6010B
Potassium	3140		3103	J	NC		6010B
Selenium	1.4	U	6.8	U	NC		6010B
Silver	0.21	U	1.0	U	NC		6010B
Sodium	378	J	814	U	NC		6010B
Thallium	1.2	U	5.8	U	NC		6010B
Vanadium	21.2		21.22	J	NC		6010B
Zinc	73.4		73.13		0.38		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-42969-K-3-A SD ^5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-42971-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	361	J	361	U	NC		6010B
Antimony	36.8	U	36.8	U	NC		6010B
Arsenic	18.6	J	18.6	U	NC		6010B
Barium	302		299.0	J	1.4		6010B
Beryllium	3.9	U	3.9	U	NC		6010B
Cadmium	4.1	U	4.1	U	NC		6010B
Calcium	24700		24620	J	3.5		6010B
Chromium	22.3	U	22.3	U	NC		6010B
Cobalt	21.4	U	21.4	U	NC		6010B
Copper	39.2	U	39.2	U	NC		6010B
Iron	368		368	U	NC		6010B
Lead	20.1	U	20.1	U	NC		6010B
Magnesium	6570		6400	J	NC		6010B
Manganese	3050		3002		3.6		6010B
Nickel	24.9	U	24.9	U	NC		6010B
Potassium	4010	J	3968	J	NC		6010B
Selenium	28.8	U	28.8	U	NC		6010B
Silver	6.7	U	6.7	U	NC		6010B
Thallium	26.2	U	26.2	U	NC		6010B
Vanadium	20.2	U	20.2	U	NC		6010B
Zinc	29.2	U	29.2	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-42971-3

SDG No:

Lab Name: TestAmerica Edison Job No: 460-42971-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.53		0.712		NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-42963-G-4-B SD ^5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-42971-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.16	U	0.80	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-42964-E-40-D SD

SDG No:

Lab Name: TestAmerica Edison Job No: 460-42971-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.024	U	0.12	U	NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Water Instrument ID: ICP4

Method: 6010B MDL Date: 11/14/2011 12:49

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Water Instrument ID: ICP4

Method: 6010B XMDL Date: 11/14/2011 12:49

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Solid Instrument ID: ICP4

Method: 6010B MDL Date: 02/08/2012 17:17

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		40	18.2
Antimony		2	1.24
Arsenic		1	0.94
Barium		40	1.14
Beryllium		0.4	0.144
Cadmium		1	0.148
Calcium		1000	70.8
Chromium		2	0.86
Cobalt		10	0.852
Copper		5	1.94
Iron		30	12.1
Lead		1	0.86
Magnesium		1000	72
Manganese		3	0.88
Nickel		8	0.88
Potassium		1000	107
Selenium		2	1.32
Silver		2	0.2
Sodium		1000	158
Thallium		2	1.13
Vanadium		10	0.768
Zinc		6	1.08

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Solid Instrument ID: ICP4

Method: 6010B XMDL Date: 11/14/2011 14:14

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN3

Method: 7470A MDL Date: 11/14/2011 12:40

Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.16

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN3

Method: 7470A XMDL Date: 11/14/2011 12:40

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN5

Method: 7471A MDL Date: 03/23/2011 11:28

Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.033	0.022

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN5

Method: 7471A XMDL Date: 11/14/2011 14:17

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-42971-1

SDG No.:

Instrument ID: ICP4 Date: 01/05/2012 09:24

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		1000000	6010B
Antimony		8000	6010B
Arsenic		20000	6010B
Barium		80000	6010B
Beryllium		8000	6010B
Cadmium		10000	6010B
Calcium		1000000	6010B
Chromium		40000	6010B
Cobalt		20000	6010B
Copper		100000	6010B
Iron		800000	6010B
Lead		60000	6010B
Magnesium		1000000	6010B
Manganese		40000	6010B
Nickel		20000	6010B
Potassium		400000	6010B
Selenium		20000	6010B
Silver		10000	6010B
Sodium		1000000	6010B
Thallium		20000	6010B
Vanadium		20000	6010B
Zinc		20000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-122238/1-A ^2	08/02/2012 08:06	122238	1.00		50
LCSSRM 460-122238/2-A	08/02/2012 08:06	122238	1.04		50
460-42971-9	08/02/2012 08:06	122238	1.05		50
460-42971-9 DU	08/02/2012 08:06	122238	1.06		50
460-42971-9 MS	08/02/2012 08:06	122238	1.03		50
460-42971-1	08/02/2012 08:06	122238	1.01		50
460-42971-2	08/02/2012 08:06	122238	1.06		50
460-42971-3	08/02/2012 08:06	122238	1.00		50
460-42971-6	08/02/2012 08:06	122238	1.09		50
460-42971-7	08/02/2012 08:06	122238	1.05		50
460-42971-8	08/02/2012 08:06	122238	1.10		50
460-42971-10	08/02/2012 08:06	122238	1.12		50
460-42971-11	08/02/2012 08:06	122238	1.05		50
460-42971-12	08/02/2012 08:06	122238	1.03		50
460-42971-13	08/02/2012 08:06	122238	1.10		50
460-42971-14	08/02/2012 08:06	122238	1.07		50
460-42971-16	08/02/2012 08:06	122238	1.10		50

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-122427/1-A	08/03/2012 07:52	122427		100	100
LCS 460-122427/2-A	08/03/2012 07:52	122427		100	100
460-42969-K-3-B DU	08/03/2012 07:52	122427		100	100
460-42969-K-3-C MS	08/03/2012 07:52	122427		100	100
460-42971-15	08/03/2012 07:52	122427		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-123228/1-A ^2	08/09/2012 08:13	123228	1.00		50
LCSSRM 460-123228/2-A ^4	08/09/2012 08:13	123228	1.04		50
460-42971-3 DU	08/09/2012 08:13	123228	1.07		50
460-42971-3 MS	08/09/2012 08:13	123228	1.04		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-122307/1-A	08/02/2012 11:00	122307		30	30
LCS 460-122307/2-A	08/02/2012 11:00	122307		30	30
460-42963-B-4-B DU	08/02/2012 11:00	122307		30	30
460-42963-F-4-B MS	08/02/2012 11:00	122307		30	30
460-42971-15	08/02/2012 11:00	122307		30	30

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-122369/10-A	08/02/2012 17:30	122369	0.60		100
LCSSRM 460-122369/11-A ^40	08/02/2012 17:30	122369	0.60		100
460-42964-E-40-E DU	08/02/2012 17:30	122369	0.60		100
460-42964-E-40-F MS	08/02/2012 17:30	122369	0.60		100
460-42971-16	08/02/2012 17:30	122369	0.60		100

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-123339/10-A	08/09/2012 16:28	123339	0.60		100
LCSSRM 460-123339/11-A ^40	08/09/2012 16:28	123339	0.60		100
460-42971-3	08/09/2012 16:28	123339	0.60		100
460-42971-3 DU	08/09/2012 16:28	123339	0.60		100
460-42971-3 MS	08/09/2012 16:28	123339	0.60		100
460-42971-1	08/09/2012 16:28	123339	0.64		100
460-42971-2	08/09/2012 16:28	123339	0.61		100
460-42971-6	08/09/2012 16:28	123339	0.66		100
460-42971-7	08/09/2012 16:28	123339	0.63		100
460-42971-8	08/09/2012 16:28	123339	0.61		100
460-42971-9	08/09/2012 16:28	123339	0.65		100
460-42971-10	08/09/2012 16:28	123339	0.60		100
460-42971-11	08/09/2012 16:28	123339	0.67		100
460-42971-12	08/09/2012 16:28	123339	0.61		100
460-42971-13	08/09/2012 16:28	123339	0.66		100
460-42971-14	08/09/2012 16:28	123339	0.63		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/02/2012 15:59 End Date: 08/02/2012 21:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:59																				
ZZZZZZ			16:03																				
ZZZZZZ			16:06																				
ZZZZZZ			16:10																				
ZZZZZZ			16:14																				
ZZZZZZ			16:17																				
ICV 460-122452/7	1		16:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-122452/8	1		16:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-122452/9	1		16:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-122452/10	1		16:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:35																				
ZZZZZZ			16:39																				
ZZZZZZ			16:43																				
ZZZZZZ			16:46																				
ZZZZZZ			16:50																				
ZZZZZZ			16:53																				
ZZZZZZ			16:57																				
ZZZZZZ			17:00																				
CCV 460-122452/19			17:04																				
CCB 460-122452/20			17:07																				
ZZZZZZ			17:11																				
ZZZZZZ			17:15																				
ZZZZZZ			17:18																				
ZZZZZZ			17:22																				
ZZZZZZ			17:26																				
ZZZZZZ			17:29																				
ZZZZZZ			17:33																				
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:44																				
CCV 460-122452/31	1		17:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122452/32	1		17:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:55																				
ZZZZZZ			17:58																				
ZZZZZZ			18:02																				
ZZZZZZ			18:06																				
ZZZZZZ			18:09																				
ZZZZZZ			18:13																				
ZZZZZZ			18:16																				
ZZZZZZ			18:20																				
ZZZZZZ			18:24																				
MB 460-122238/1-A ^2	2	T	18:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/02/2012 15:59 End Date: 08/02/2012 21:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-122452/43	1		18:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122452/44	1		18:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSSRM 460-122238/2-A	4	T	18:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-9 DU	4	T	18:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-9	4	T	18:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-9 SD	20	T	18:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:52																				
460-42971-9 PDS	4	T	18:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-1	4	T	18:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-2	4	T	19:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-3	4	T	19:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
ZZZZZZ			19:10																				
CCV 460-122452/55	1		19:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122452/56	1		19:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:21																				
460-42971-6	4	T	19:24	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
460-42971-7	4	T	19:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-8	4	T	19:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-42971-10	4	T	19:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-11	4	T	19:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-12	4	T	19:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-13	4	T	19:46	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
460-42971-14	4	T	19:49	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
ZZZZZZ			19:53																				
CCV 460-122452/67	1		19:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122452/68	1		20:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:03																				
ZZZZZZ			20:07																				
ZZZZZZ			20:11																				
ZZZZZZ			20:14																				
ZZZZZZ			20:18																				
ZZZZZZ			20:21																				
ZZZZZZ			20:25																				
ZZZZZZ			20:29																				
ZZZZZZ			20:32																				
ZZZZZZ			20:36																				
CCV 460-122452/79	1		20:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122452/80	1		20:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:47																				
ZZZZZZ			20:50																				
ZZZZZZ			20:54																				
ZZZZZZ			20:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/02/2012 15:59 End Date: 08/02/2012 21:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			21:01																				
ZZZZZZ			21:05																				
460-42971-3	40	T	21:09																	X			
ZZZZZZ			21:12																				
ZZZZZZ			21:16																				
460-42971-6	10	T	21:19											X									
CCV 460-122452/91	1		21:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122452/92	1		21:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:30																				
ZZZZZZ			21:34																				
460-42971-8	100	T	21:37																				X
460-42971-13	40	T	21:41											X									
460-42971-14	40	T	21:45											X									
460-42971-16	20	T	21:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-122452/99	1		21:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122452/100	1		21:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/02/2012 15:59 End Date: 08/02/2012 21:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:59																				
ZZZZZZ			16:03																				
ZZZZZZ			16:06																				
ZZZZZZ			16:10																				
ZZZZZZ			16:14																				
ZZZZZZ			16:17																				
ICV 460-122452/7	1		16:20	X	X																		
ICB 460-122452/8	1		16:24	X	X																		
ICSA 460-122452/9	1		16:28	X	X																		
ICSAB 460-122452/10	1		16:31	X	X																		
ZZZZZZ			16:35																				
ZZZZZZ			16:39																				
ZZZZZZ			16:43																				
ZZZZZZ			16:46																				
ZZZZZZ			16:50																				
ZZZZZZ			16:53																				
ZZZZZZ			16:57																				
ZZZZZZ			17:00																				
CCV 460-122452/19			17:04																				
CCB 460-122452/20			17:07																				
ZZZZZZ			17:11																				
ZZZZZZ			17:15																				
ZZZZZZ			17:18																				
ZZZZZZ			17:22																				
ZZZZZZ			17:26																				
ZZZZZZ			17:29																				
ZZZZZZ			17:33																				
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:44																				
CCV 460-122452/31	1		17:48	X	X																		
CCB 460-122452/32	1		17:51	X	X																		
ZZZZZZ			17:55																				
ZZZZZZ			17:58																				
ZZZZZZ			18:02																				
ZZZZZZ			18:06																				
ZZZZZZ			18:09																				
ZZZZZZ			18:13																				
ZZZZZZ			18:16																				
ZZZZZZ			18:20																				
ZZZZZZ			18:24																				
MB 460-122238/1-A ^2	2	T	18:27	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/02/2012 15:59 End Date: 08/02/2012 21:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-122452/43	1		18:31	X	X																		
CCB 460-122452/44	1		18:34	X	X																		
LCSSRM 460-122238/2-A	4	T	18:38	X	X																		
460-42971-9 DU	4	T	18:42	X	X																		
460-42971-9	4	T	18:45	X	X																		
460-42971-9 SD	20	T	18:49	X																			
ZZZZZZ			18:52																				
460-42971-9 PDS	4	T	18:56	X	X																		
460-42971-1	4	T	18:59	X	X																		
460-42971-2	4	T	19:03	X	X																		
460-42971-3	4	T	19:06	X	X																		
ZZZZZZ			19:10																				
CCV 460-122452/55	1		19:14	X	X																		
CCB 460-122452/56	1		19:17	X	X																		
ZZZZZZ			19:21																				
460-42971-6	4	T	19:24	X	X																		
460-42971-7	4	T	19:28	X	X																		
460-42971-8	4	T	19:31	X																			
460-42971-10	4	T	19:35	X	X																		
460-42971-11	4	T	19:38	X	X																		
460-42971-12	4	T	19:42	X	X																		
460-42971-13	4	T	19:46	X	X																		
460-42971-14	4	T	19:49	X	X																		
ZZZZZZ			19:53																				
CCV 460-122452/67	1		19:56	X	X																		
CCB 460-122452/68	1		20:00	X	X																		
ZZZZZZ			20:03																				
ZZZZZZ			20:07																				
ZZZZZZ			20:11																				
ZZZZZZ			20:14																				
ZZZZZZ			20:18																				
ZZZZZZ			20:21																				
ZZZZZZ			20:25																				
ZZZZZZ			20:29																				
ZZZZZZ			20:32																				
ZZZZZZ			20:36																				
CCV 460-122452/79	1		20:40	X	X																		
CCB 460-122452/80	1		20:43	X	X																		
ZZZZZZ			20:47																				
ZZZZZZ			20:50																				
ZZZZZZ			20:54																				
ZZZZZZ			20:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/02/2012 15:59 End Date: 08/02/2012 21:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			21:01																				
ZZZZZZ			21:05																				
460-42971-3	40	T	21:09																				
ZZZZZZ			21:12																				
ZZZZZZ			21:16																				
460-42971-6	10	T	21:19																				
CCV 460-122452/91	1		21:23	X	X																		
CCB 460-122452/92	1		21:26	X	X																		
ZZZZZZ			21:30																				
ZZZZZZ			21:34																				
460-42971-8	100	T	21:37		X																		
460-42971-13	40	T	21:41																				
460-42971-14	40	T	21:45																				
460-42971-16	20	T	21:48	X	X																		
CCV 460-122452/99	1		21:52	X	X																		
CCB 460-122452/100	1		21:55	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 11:33 End Date: 08/03/2012 15:57

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			11:33																				
ZZZZZZ			11:37																				
ZZZZZZ			11:41																				
ZZZZZZ			11:44																				
ZZZZZZ			11:48																				
ZZZZZZ			11:51																				
ICV 460-122544/7	1		11:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-122544/8	1		11:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-122544/9	1		12:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-122544/10	1		12:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:09																				
MB 460-122427/1-A	1	T	12:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-122427/2-A	1	T	12:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42969-K-3-B DU	1	T	12:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
ZZZZZZ			12:24																				
460-42969-K-3-A SD ^5	5	T	12:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
460-42969-K-3-C MS	1	T	12:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
460-42969-K-3-A PDS	1	T	12:35		X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
CCV 460-122544/19	1		12:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122544/20	1		12:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:45																				
ZZZZZZ			12:49																				
ZZZZZZ			12:53																				
ZZZZZZ			12:56																				
ZZZZZZ			13:00																				
ZZZZZZ			13:04																				
ZZZZZZ			13:08																				
ZZZZZZ			13:11																				
ZZZZZZ			13:15																				
ZZZZZZ			13:19																				
CCV 460-122544/31	1		13:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122544/32	1		13:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-15	1	T	13:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:34																				
ZZZZZZ			13:37																				
ZZZZZZ			13:41																				
ZZZZZZ			13:44																				
ZZZZZZ			13:48																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
ZZZZZZ			13:58																				
ZZZZZZ			14:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 11:33 End Date: 08/03/2012 15:57

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-122544/43	1		14:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122544/44	1		14:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:12																				
ZZZZZZ			14:16																				
ZZZZZZ			14:20																				
ZZZZZZ			14:23																				
ZZZZZZ			14:27																				
ZZZZZZ			14:31																				
ZZZZZZ			14:34																				
ZZZZZZ			14:38																				
ZZZZZZ			14:42																				
ZZZZZZ			14:45																				
CCV 460-122544/55			14:49																				
CCB 460-122544/56			14:53																				
ZZZZZZ			14:56																				
ZZZZZZ			15:00																				
ZZZZZZ			15:03																				
ZZZZZZ			15:07																				
ZZZZZZ			15:11																				
ZZZZZZ			15:14																				
ZZZZZZ			15:18																				
ZZZZZZ			15:21																				
ZZZZZZ			15:25																				
ZZZZZZ			15:29																				
ZZZZZZ			15:32																				
ZZZZZZ			15:36																				
ZZZZZZ			15:39																				
ZZZZZZ			15:43																				
ZZZZZZ			15:47																				
ZZZZZZ			15:50																				
ZZZZZZ			15:54																				
ZZZZZZ			15:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 11:33 End Date: 08/03/2012 15:57

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			11:33																				
ZZZZZZ			11:37																				
ZZZZZZ			11:41																				
ZZZZZZ			11:44																				
ZZZZZZ			11:48																				
ZZZZZZ			11:51																				
ICV 460-122544/7	1		11:55	X	X																		
ICB 460-122544/8	1		11:58	X	X																		
ICSA 460-122544/9	1		12:02	X	X																		
ICSAB 460-122544/10	1		12:05	X	X																		
ZZZZZZ			12:09																				
MB 460-122427/1-A	1	T	12:13	X	X																		
LCS 460-122427/2-A	1	T	12:17	X	X																		
460-42969-K-3-B DU	1	T	12:20	X	X																		
ZZZZZZ			12:24																				
460-42969-K-3-A SD ^5	5	T	12:27	X	X																		
460-42969-K-3-C MS	1	T	12:31	X	X																		
460-42969-K-3-A PDS	1	T	12:35	X	X																		
CCV 460-122544/19	1		12:38	X	X																		
CCB 460-122544/20	1		12:41	X	X																		
ZZZZZZ			12:45																				
ZZZZZZ			12:49																				
ZZZZZZ			12:53																				
ZZZZZZ			12:56																				
ZZZZZZ			13:00																				
ZZZZZZ			13:04																				
ZZZZZZ			13:08																				
ZZZZZZ			13:11																				
ZZZZZZ			13:15																				
ZZZZZZ			13:19																				
CCV 460-122544/31	1		13:23	X	X																		
CCB 460-122544/32	1		13:26	X	X																		
460-42971-15	1	T	13:30	X	X																		
ZZZZZZ			13:34																				
ZZZZZZ			13:37																				
ZZZZZZ			13:41																				
ZZZZZZ			13:44																				
ZZZZZZ			13:48																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
ZZZZZZ			13:58																				
ZZZZZZ			14:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 11:33 End Date: 08/03/2012 15:57

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-122544/43	1		14:05	X	X																		
CCB 460-122544/44	1		14:09	X	X																		
ZZZZZZ			14:12																				
ZZZZZZ			14:16																				
ZZZZZZ			14:20																				
ZZZZZZ			14:23																				
ZZZZZZ			14:27																				
ZZZZZZ			14:31																				
ZZZZZZ			14:34																				
ZZZZZZ			14:38																				
ZZZZZZ			14:42																				
ZZZZZZ			14:45																				
CCV 460-122544/55			14:49																				
CCB 460-122544/56			14:53																				
ZZZZZZ			14:56																				
ZZZZZZ			15:00																				
ZZZZZZ			15:03																				
ZZZZZZ			15:07																				
ZZZZZZ			15:11																				
ZZZZZZ			15:14																				
ZZZZZZ			15:18																				
ZZZZZZ			15:21																				
ZZZZZZ			15:25																				
ZZZZZZ			15:29																				
ZZZZZZ			15:32																				
ZZZZZZ			15:36																				
ZZZZZZ			15:39																				
ZZZZZZ			15:43																				
ZZZZZZ			15:47																				
ZZZZZZ			15:50																				
ZZZZZZ			15:54																				
ZZZZZZ			15:57																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			23:59																				
ZZZZZZ			00:02																				
ZZZZZZ			00:06																				
ZZZZZZ			00:10																				
ZZZZZZ			00:13																				
ZZZZZZ			00:17																				
ICV 460-122616/7	1		00:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-122616/8	1		00:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-122616/9	1		00:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-122616/10	1		00:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			00:35																				
ZZZZZZ			00:39																				
ZZZZZZ			00:42																				
ZZZZZZ			00:46																				
ZZZZZZ			00:50																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:00																				
CCV 460-122616/19			01:04																				
CCB 460-122616/20			01:07																				
ZZZZZZ			01:11																				
ZZZZZZ			01:15																				
ZZZZZZ			01:18																				
ZZZZZZ			01:22																				
ZZZZZZ			01:26																				
ZZZZZZ			01:29																				
ZZZZZZ			01:33																				
ZZZZZZ			01:37																				
ZZZZZZ			01:40																				
ZZZZZZ			01:44																				
CCV 460-122616/31			01:48																				
CCB 460-122616/32			01:51																				
ZZZZZZ			01:55																				
ZZZZZZ			01:58																				
ZZZZZZ			02:02																				
ZZZZZZ			02:06																				
ZZZZZZ			02:09																				
ZZZZZZ			02:13																				
ZZZZZZ			02:17																				
ZZZZZZ			02:21																				
ZZZZZZ			02:24																				
ZZZZZZ			02:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-122616/43			02:32																				
CCB 460-122616/44			02:35																				
ZZZZZZ			02:39																				
ZZZZZZ			02:42																				
ZZZZZZ			02:46																				
ZZZZZZ			02:49																				
ZZZZZZ			02:53																				
ZZZZZZ			02:56																				
ZZZZZZ			03:00																				
ZZZZZZ			03:04																				
ZZZZZZ			03:07																				
ZZZZZZ			03:11																				
CCV 460-122616/55	1		03:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122616/56	1		03:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			03:22																				
ZZZZZZ			03:25																				
ZZZZZZ			03:29																				
ZZZZZZ			03:32																				
ZZZZZZ			03:36																				
ZZZZZZ			03:40																				
ZZZZZZ			03:43																				
ZZZZZZ			03:47																				
460-42971-9 SD	20	T	03:51																				
460-42971-9 MS	4	T	03:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-122616/67	1		03:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-122616/68	1		04:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			04:05																				
ZZZZZZ			04:09																				
ZZZZZZ			04:12																				
ZZZZZZ			04:16																				
ZZZZZZ			04:20																				
ZZZZZZ			04:23																				
ZZZZZZ			04:27																				
ZZZZZZ			04:31																				
ZZZZZZ			04:34																				
ZZZZZZ			04:38																				
CCV 460-122616/79			04:42																				
CCB 460-122616/80			04:45																				
ZZZZZZ			04:49																				
ZZZZZZ			04:53																				
ZZZZZZ			04:56																				
ZZZZZZ			05:00																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			05:04																				
ZZZZZZ			05:07																				
ZZZZZZ			05:11																				
ZZZZZZ			05:15																				
ZZZZZZ			05:18																				
ZZZZZZ			05:22																				
CCV 460-122616/91			05:26																				
CCB 460-122616/92			05:29																				
ZZZZZZ			05:33																				
ZZZZZZ			05:37																				
ZZZZZZ			05:40																				
ZZZZZZ			05:44																				
ZZZZZZ			05:48																				
ZZZZZZ			05:51																				
ZZZZZZ			05:55																				
ZZZZZZ			05:59																				
ZZZZZZ			06:03																				
ZZZZZZ			06:06																				
CCV 460-122616/103			06:10																				
CCB 460-122616/104			06:13																				
ZZZZZZ			06:17																				
ZZZZZZ			06:21																				
ZZZZZZ			06:25																				
ZZZZZZ			06:28																				
ZZZZZZ			06:32																				
ZZZZZZ			06:36																				
ZZZZZZ			06:40																				
ZZZZZZ			06:43																				
ZZZZZZ			06:47																				
ZZZZZZ			06:51																				
CCV 460-122616/115			06:54																				
CCB 460-122616/116			06:58																				
ZZZZZZ			07:02																				
ZZZZZZ			07:06																				
ZZZZZZ			07:09																				
ZZZZZZ			07:13																				
ZZZZZZ			07:17																				
ZZZZZZ			07:21																				
ZZZZZZ			07:24																				
ZZZZZZ			07:28																				
ZZZZZZ			07:31																				
ZZZZZZ			07:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-122616/127			07:39																				
CCB 460-122616/128			07:42																				
ZZZZZZ			07:46																				
ZZZZZZ			07:50																				
ZZZZZZ			07:53																				
ZZZZZZ			07:56																				
ZZZZZZ			08:00																				
ZZZZZZ			08:04																				
ZZZZZZ			08:08																				
ZZZZZZ			08:11																				
ZZZZZZ			08:15																				
ZZZZZZ			08:19																				
CCV 460-122616/139			08:22																				
CCB 460-122616/140			08:26																				
ZZZZZZ			08:30																				
ZZZZZZ			08:33																				
ZZZZZZ			08:37																				
ZZZZZZ			08:41																				
ZZZZZZ			08:45																				
ZZZZZZ			08:49																				
ZZZZZZ			08:52																				
ZZZZZZ			08:56																				
ZZZZZZ			09:00																				
ZZZZZZ			09:04																				
CCV 460-122616/151			09:07																				
CCB 460-122616/152			09:11																				
ZZZZZZ			09:15																				
ZZZZZZ			09:19																				
ZZZZZZ			09:22																				
ZZZZZZ			09:26																				
ZZZZZZ			09:30																				
ZZZZZZ			09:34																				
ZZZZZZ			09:37																				
ZZZZZZ			09:41																				
ZZZZZZ			09:45																				
ZZZZZZ			09:48																				
CCV 460-122616/163			09:52																				
CCB 460-122616/164			09:56																				
ZZZZZZ			09:59																				
ZZZZZZ			10:03																				
ZZZZZZ			10:07																				
ZZZZZZ			10:11																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			10:14																				
ZZZZZZ			10:18																				
ZZZZZZ			10:22																				
ZZZZZZ			10:26																				
ZZZZZZ			10:29																				
ZZZZZZ			10:33																				
CCV 460-122616/175			10:37																				
CCB 460-122616/176			10:41																				
ZZZZZZ			10:44																				
ZZZZZZ			10:48																				
ZZZZZZ			10:52																				
ZZZZZZ			10:56																				
ZZZZZZ			10:59																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			23:59																				
ZZZZZZ			00:02																				
ZZZZZZ			00:06																				
ZZZZZZ			00:10																				
ZZZZZZ			00:13																				
ZZZZZZ			00:17																				
ICV 460-122616/7	1		00:20	X	X																		
ICB 460-122616/8	1		00:24	X	X																		
ICSA 460-122616/9	1		00:27	X	X																		
ICSAB 460-122616/10	1		00:31	X	X																		
ZZZZZZ			00:35																				
ZZZZZZ			00:39																				
ZZZZZZ			00:42																				
ZZZZZZ			00:46																				
ZZZZZZ			00:50																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:00																				
CCV 460-122616/19			01:04																				
CCB 460-122616/20			01:07																				
ZZZZZZ			01:11																				
ZZZZZZ			01:15																				
ZZZZZZ			01:18																				
ZZZZZZ			01:22																				
ZZZZZZ			01:26																				
ZZZZZZ			01:29																				
ZZZZZZ			01:33																				
ZZZZZZ			01:37																				
ZZZZZZ			01:40																				
ZZZZZZ			01:44																				
CCV 460-122616/31			01:48																				
CCB 460-122616/32			01:51																				
ZZZZZZ			01:55																				
ZZZZZZ			01:58																				
ZZZZZZ			02:02																				
ZZZZZZ			02:06																				
ZZZZZZ			02:09																				
ZZZZZZ			02:13																				
ZZZZZZ			02:17																				
ZZZZZZ			02:21																				
ZZZZZZ			02:24																				
ZZZZZZ			02:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-122616/43			02:32																				
CCB 460-122616/44			02:35																				
ZZZZZZ			02:39																				
ZZZZZZ			02:42																				
ZZZZZZ			02:46																				
ZZZZZZ			02:49																				
ZZZZZZ			02:53																				
ZZZZZZ			02:56																				
ZZZZZZ			03:00																				
ZZZZZZ			03:04																				
ZZZZZZ			03:07																				
ZZZZZZ			03:11																				
CCV 460-122616/55	1		03:15	X	X																		
CCB 460-122616/56	1		03:18	X	X																		
ZZZZZZ			03:22																				
ZZZZZZ			03:25																				
ZZZZZZ			03:29																				
ZZZZZZ			03:32																				
ZZZZZZ			03:36																				
ZZZZZZ			03:40																				
ZZZZZZ			03:43																				
ZZZZZZ			03:47																				
460-42971-9 SD	20	T	03:51		X																		
460-42971-9 MS	4	T	03:54	X	X																		
CCV 460-122616/67	1		03:58	X	X																		
CCB 460-122616/68	1		04:01	X	X																		
ZZZZZZ			04:05																				
ZZZZZZ			04:09																				
ZZZZZZ			04:12																				
ZZZZZZ			04:16																				
ZZZZZZ			04:20																				
ZZZZZZ			04:23																				
ZZZZZZ			04:27																				
ZZZZZZ			04:31																				
ZZZZZZ			04:34																				
ZZZZZZ			04:38																				
CCV 460-122616/79			04:42																				
CCB 460-122616/80			04:45																				
ZZZZZZ			04:49																				
ZZZZZZ			04:53																				
ZZZZZZ			04:56																				
ZZZZZZ			05:00																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			05:04																				
ZZZZZZ			05:07																				
ZZZZZZ			05:11																				
ZZZZZZ			05:15																				
ZZZZZZ			05:18																				
ZZZZZZ			05:22																				
CCV 460-122616/91			05:26																				
CCB 460-122616/92			05:29																				
ZZZZZZ			05:33																				
ZZZZZZ			05:37																				
ZZZZZZ			05:40																				
ZZZZZZ			05:44																				
ZZZZZZ			05:48																				
ZZZZZZ			05:51																				
ZZZZZZ			05:55																				
ZZZZZZ			05:59																				
ZZZZZZ			06:03																				
ZZZZZZ			06:06																				
CCV 460-122616/103			06:10																				
CCB 460-122616/104			06:13																				
ZZZZZZ			06:17																				
ZZZZZZ			06:21																				
ZZZZZZ			06:25																				
ZZZZZZ			06:28																				
ZZZZZZ			06:32																				
ZZZZZZ			06:36																				
ZZZZZZ			06:40																				
ZZZZZZ			06:43																				
ZZZZZZ			06:47																				
ZZZZZZ			06:51																				
CCV 460-122616/115			06:54																				
CCB 460-122616/116			06:58																				
ZZZZZZ			07:02																				
ZZZZZZ			07:06																				
ZZZZZZ			07:09																				
ZZZZZZ			07:13																				
ZZZZZZ			07:17																				
ZZZZZZ			07:21																				
ZZZZZZ			07:24																				
ZZZZZZ			07:28																				
ZZZZZZ			07:31																				
ZZZZZZ			07:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-122616/127			07:39																				
CCB 460-122616/128			07:42																				
ZZZZZZ			07:46																				
ZZZZZZ			07:50																				
ZZZZZZ			07:53																				
ZZZZZZ			07:56																				
ZZZZZZ			08:00																				
ZZZZZZ			08:04																				
ZZZZZZ			08:08																				
ZZZZZZ			08:11																				
ZZZZZZ			08:15																				
ZZZZZZ			08:19																				
CCV 460-122616/139			08:22																				
CCB 460-122616/140			08:26																				
ZZZZZZ			08:30																				
ZZZZZZ			08:33																				
ZZZZZZ			08:37																				
ZZZZZZ			08:41																				
ZZZZZZ			08:45																				
ZZZZZZ			08:49																				
ZZZZZZ			08:52																				
ZZZZZZ			08:56																				
ZZZZZZ			09:00																				
ZZZZZZ			09:04																				
CCV 460-122616/151			09:07																				
CCB 460-122616/152			09:11																				
ZZZZZZ			09:15																				
ZZZZZZ			09:19																				
ZZZZZZ			09:22																				
ZZZZZZ			09:26																				
ZZZZZZ			09:30																				
ZZZZZZ			09:34																				
ZZZZZZ			09:37																				
ZZZZZZ			09:41																				
ZZZZZZ			09:45																				
ZZZZZZ			09:48																				
CCV 460-122616/163			09:52																				
CCB 460-122616/164			09:56																				
ZZZZZZ			09:59																				
ZZZZZZ			10:03																				
ZZZZZZ			10:07																				
ZZZZZZ			10:11																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/03/2012 23:59 End Date: 08/04/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			10:14																				
ZZZZZZ			10:18																				
ZZZZZZ			10:22																				
ZZZZZZ			10:26																				
ZZZZZZ			10:29																				
ZZZZZZ			10:33																				
CCV 460-122616/175			10:37																				
CCB 460-122616/176			10:41																				
ZZZZZZ			10:44																				
ZZZZZZ			10:48																				
ZZZZZZ			10:52																				
ZZZZZZ			10:56																				
ZZZZZZ			10:59																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/09/2012 17:37 End Date: 08/10/2012 01:08

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:44																				
ZZZZZZ			17:48																				
ZZZZZZ			17:51																				
ZZZZZZ			17:55																				
ICV 460-123407/7	1		17:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-123407/8	1		18:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-123407/9	1		18:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-123407/10	1		18:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:13																				
ZZZZZZ			18:16																				
ZZZZZZ			18:20																				
ZZZZZZ			18:24																				
ZZZZZZ			18:27																				
ZZZZZZ			18:31																				
ZZZZZZ			18:34																				
ZZZZZZ			18:38																				
CCV 460-123407/19			18:42																				
CCB 460-123407/20			18:45																				
ZZZZZZ			18:49																				
ZZZZZZ			18:52																				
ZZZZZZ			18:56																				
ZZZZZZ			19:00																				
ZZZZZZ			19:03																				
ZZZZZZ			19:07																				
ZZZZZZ			19:10																				
ZZZZZZ			19:14																				
ZZZZZZ			19:18																				
ZZZZZZ			19:21																				
CCV 460-123407/31	1		19:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-123407/32	1		19:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:32																				
ZZZZZZ			19:35																				
ZZZZZZ			19:39																				
ZZZZZZ			19:43																				
ZZZZZZ			19:46																				
ZZZZZZ			19:50																				
ZZZZZZ			19:53																				
ZZZZZZ			19:57																				
ZZZZZZ			20:01																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/09/2012 17:37 End Date: 08/10/2012 01:08

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
LCSSRM 460-123228/2-A ^4	4	T	20:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-123407/43	1		20:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-123407/44	1		20:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-123228/1-A ^2	2	T	20:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-42971-3 DU	4	T	20:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
ZZZZZZ			20:22																				
460-42971-3 SD	20	T	20:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
460-42971-3 MS	4	T	20:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
460-42971-3 PDS	4	T	20:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
ZZZZZZ			20:36																				
ZZZZZZ			20:40																				
ZZZZZZ			20:43																				
ZZZZZZ			20:47																				
CCV 460-123407/55	1		20:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-123407/56	1		20:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:57																				
ZZZZZZ			21:01																				
ZZZZZZ			21:05																				
ZZZZZZ			21:08																				
ZZZZZZ			21:12																				
ZZZZZZ			21:15																				
ZZZZZZ			21:19																				
ZZZZZZ			21:23																				
ZZZZZZ			21:26																				
ZZZZZZ			21:30																				
CCV 460-123407/67			21:34																				
CCB 460-123407/68			21:37																				
ZZZZZZ			21:41																				
ZZZZZZ			21:44																				
ZZZZZZ			21:48																				
ZZZZZZ			21:52																				
ZZZZZZ			21:55																				
ZZZZZZ			21:59																				
ZZZZZZ			22:02																				
ZZZZZZ			22:06																				
ZZZZZZ			22:10																				
ZZZZZZ			22:13																				
CCV 460-123407/79			22:17																				
CCB 460-123407/80			22:20																				
ZZZZZZ			22:24																				
ZZZZZZ			22:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/09/2012 17:37 End Date: 08/10/2012 01:08

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			22:31																				
ZZZZZZ			22:35																				
ZZZZZZ			22:38																				
ZZZZZZ			22:42																				
ZZZZZZ			22:46																				
ZZZZZZ			22:50																				
ZZZZZZ			22:54																				
ZZZZZZ			22:57																				
CCV 460-123407/91			23:01																				
CCB 460-123407/92			23:04																				
ZZZZZZ			23:08																				
ZZZZZZ			23:12																				
ZZZZZZ			23:15																				
ZZZZZZ			23:19																				
ZZZZZZ			23:23																				
ZZZZZZ			23:27																				
ZZZZZZ			23:30																				
ZZZZZZ			23:34																				
ZZZZZZ			23:38																				
ZZZZZZ			23:41																				
CCV 460-123407/103			23:45																				
CCB 460-123407/104			23:48																				
ZZZZZZ			23:52																				
ZZZZZZ			23:56																				
ZZZZZZ			00:00																				
ZZZZZZ			00:03																				
ZZZZZZ			00:07																				
ZZZZZZ			00:11																				
ZZZZZZ			00:15																				
ZZZZZZ			00:19																				
ZZZZZZ			00:22																				
ZZZZZZ			00:26																				
CCV 460-123407/115			00:30																				
CCB 460-123407/116			00:34																				
ZZZZZZ			00:38																				
ZZZZZZ			00:41																				
ZZZZZZ			00:45																				
ZZZZZZ			00:49																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:00																				
CCV 460-123407/124			01:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/09/2012 17:37 End Date: 08/10/2012 01:08

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-123407/125			01:08																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/09/2012 17:37 End Date: 08/10/2012 01:08

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:44																				
ZZZZZZ			17:48																				
ZZZZZZ			17:51																				
ZZZZZZ			17:55																				
ICV 460-123407/7	1		17:58	X	X																		
ICB 460-123407/8	1		18:01	X	X																		
ICSA 460-123407/9	1		18:05	X	X																		
ICSAB 460-123407/10	1		18:09	X	X																		
ZZZZZZ			18:13																				
ZZZZZZ			18:16																				
ZZZZZZ			18:20																				
ZZZZZZ			18:24																				
ZZZZZZ			18:27																				
ZZZZZZ			18:31																				
ZZZZZZ			18:34																				
ZZZZZZ			18:38																				
CCV 460-123407/19			18:42																				
CCB 460-123407/20			18:45																				
ZZZZZZ			18:49																				
ZZZZZZ			18:52																				
ZZZZZZ			18:56																				
ZZZZZZ			19:00																				
ZZZZZZ			19:03																				
ZZZZZZ			19:07																				
ZZZZZZ			19:10																				
ZZZZZZ			19:14																				
ZZZZZZ			19:18																				
ZZZZZZ			19:21																				
CCV 460-123407/31	1		19:25	X	X																		
CCB 460-123407/32	1		19:28	X	X																		
ZZZZZZ			19:32																				
ZZZZZZ			19:35																				
ZZZZZZ			19:39																				
ZZZZZZ			19:43																				
ZZZZZZ			19:46																				
ZZZZZZ			19:50																				
ZZZZZZ			19:53																				
ZZZZZZ			19:57																				
ZZZZZZ			20:01																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/09/2012 17:37 End Date: 08/10/2012 01:08

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
LCSSRM 460-123228/2-A ^4	4	T	20:04	X	X																		
CCV 460-123407/43	1		20:08	X	X																		
CCB 460-123407/44	1		20:11	X	X																		
MB 460-123228/1-A ^2	2	T	20:15	X	X																		
460-42971-3 DU	4	T	20:18	X	X																		
ZZZZZZ			20:22																				
460-42971-3 SD	20	T	20:26	X	X																		
460-42971-3 MS	4	T	20:29	X	X																		
460-42971-3 PDS	4	T	20:33	X	X																		
ZZZZZZ			20:36																				
ZZZZZZ			20:40																				
ZZZZZZ			20:43																				
ZZZZZZ			20:47																				
CCV 460-123407/55	1		20:50	X	X																		
CCB 460-123407/56	1		20:54	X	X																		
ZZZZZZ			20:57																				
ZZZZZZ			21:01																				
ZZZZZZ			21:05																				
ZZZZZZ			21:08																				
ZZZZZZ			21:12																				
ZZZZZZ			21:15																				
ZZZZZZ			21:19																				
ZZZZZZ			21:23																				
ZZZZZZ			21:26																				
ZZZZZZ			21:30																				
CCV 460-123407/67			21:34																				
CCB 460-123407/68			21:37																				
ZZZZZZ			21:41																				
ZZZZZZ			21:44																				
ZZZZZZ			21:48																				
ZZZZZZ			21:52																				
ZZZZZZ			21:55																				
ZZZZZZ			21:59																				
ZZZZZZ			22:02																				
ZZZZZZ			22:06																				
ZZZZZZ			22:10																				
ZZZZZZ			22:13																				
CCV 460-123407/79			22:17																				
CCB 460-123407/80			22:20																				
ZZZZZZ			22:24																				
ZZZZZZ			22:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/09/2012 17:37 End Date: 08/10/2012 01:08

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			22:31																				
ZZZZZZ			22:35																				
ZZZZZZ			22:38																				
ZZZZZZ			22:42																				
ZZZZZZ			22:46																				
ZZZZZZ			22:50																				
ZZZZZZ			22:54																				
ZZZZZZ			22:57																				
CCV 460-123407/91			23:01																				
CCB 460-123407/92			23:04																				
ZZZZZZ			23:08																				
ZZZZZZ			23:12																				
ZZZZZZ			23:15																				
ZZZZZZ			23:19																				
ZZZZZZ			23:23																				
ZZZZZZ			23:27																				
ZZZZZZ			23:30																				
ZZZZZZ			23:34																				
ZZZZZZ			23:38																				
ZZZZZZ			23:41																				
CCV 460-123407/103			23:45																				
CCB 460-123407/104			23:48																				
ZZZZZZ			23:52																				
ZZZZZZ			23:56																				
ZZZZZZ			00:00																				
ZZZZZZ			00:03																				
ZZZZZZ			00:07																				
ZZZZZZ			00:11																				
ZZZZZZ			00:15																				
ZZZZZZ			00:19																				
ZZZZZZ			00:22																				
ZZZZZZ			00:26																				
CCV 460-123407/115			00:30																				
CCB 460-123407/116			00:34																				
ZZZZZZ			00:38																				
ZZZZZZ			00:41																				
ZZZZZZ			00:45																				
ZZZZZZ			00:49																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:00																				
CCV 460-123407/124			01:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/09/2012 17:37 End Date: 08/10/2012 01:08

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-123407/125			01:08																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/10/2012 10:29 End Date: 08/10/2012 17:15

Lab Sample ID	D/F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			10:29																				
ZZZZZZ			10:32																				
ZZZZZZ			10:36																				
ZZZZZZ			10:40																				
ZZZZZZ			10:43																				
ZZZZZZ			10:47																				
ICV 460-123507/7	1		10:50	X																			
ICB 460-123507/8	1		10:54	X																			
ICSA 460-123507/9			10:57																				
ICSAB 460-123507/10			11:01																				
ZZZZZZ			11:05																				
ZZZZZZ			11:09																				
ZZZZZZ			11:12																				
ZZZZZZ			11:16																				
ZZZZZZ			11:20																				
ZZZZZZ			11:23																				
ICSA 460-123507/17	1		11:27	X																			
ICSAB 460-123507/18	1		11:31	X																			
CCV 460-123507/19	1		11:34	X																			
CCB 460-123507/20	1		11:38	X																			
ZZZZZZ			11:42																				
ZZZZZZ			11:45																				
ZZZZZZ			11:49																				
ZZZZZZ			11:53																				
ZZZZZZ			11:56																				
ZZZZZZ			12:00																				
ZZZZZZ			12:03																				
460-42971-3 DU	20	T	12:07	X																			
ZZZZZZ			12:11																				
460-42971-3 SD	100	T	12:14	X																			
CCV 460-123507/31	1		12:18	X																			
CCB 460-123507/32	1		12:21	X																			
460-42971-3 MS	20	T	12:25	X																			
460-42971-3 PDS	20	T	12:29	X																			
ZZZZZZ			12:32																				
ZZZZZZ			12:36																				
ZZZZZZ			12:39																				
ZZZZZZ			12:43																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:54																				
ZZZZZZ			12:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/10/2012 10:29 End Date: 08/10/2012 17:15

Lab Sample ID	D/F	Type	Time	Analytes																			
				Pb																			
CCV 460-123507/43	1		13:01	X																			
CCB 460-123507/44	1		13:04	X																			
ZZZZZZ			13:08																				
ZZZZZZ			13:12																				
ZZZZZZ			13:15																				
ZZZZZZ			13:19																				
ZZZZZZ			13:22																				
ZZZZZZ			13:26																				
ZZZZZZ			13:30																				
ZZZZZZ			13:33																				
ZZZZZZ			13:37																				
ZZZZZZ			13:41																				
CCV 460-123507/55			13:44																				
CCB 460-123507/56			13:47																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:06																				
ZZZZZZ			14:10																				
ZZZZZZ			14:13																				
ZZZZZZ			14:17																				
ZZZZZZ			14:20																				
ZZZZZZ			14:24																				
CCV 460-123507/67			14:28																				
CCB 460-123507/68			14:31																				
ZZZZZZ			14:35																				
ZZZZZZ			14:39																				
ZZZZZZ			14:42																				
ZZZZZZ			14:46																				
ZZZZZZ			14:50																				
ZZZZZZ			14:54																				
ZZZZZZ			14:57																				
ZZZZZZ			15:01																				
ZZZZZZ			15:05																				
ZZZZZZ			15:08																				
CCV 460-123507/79			15:12																				
CCB 460-123507/80			15:15																				
ZZZZZZ			15:19																				
ZZZZZZ			15:23																				
ZZZZZZ			15:26																				
ZZZZZZ			15:30																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/10/2012 10:29 End Date: 08/10/2012 17:15

Lab Sample ID	D/F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			15:34																				
ZZZZZZ			15:37																				
ZZZZZZ			15:41																				
ZZZZZZ			15:45																				
ZZZZZZ			15:48																				
ZZZZZZ			15:52																				
CCV 460-123507/91			15:55																				
CCB 460-123507/92			15:59																				
ZZZZZZ			16:03																				
ZZZZZZ			16:06																				
ZZZZZZ			16:10																				
ZZZZZZ			16:13																				
ZZZZZZ			16:17																				
ZZZZZZ			16:20																				
ZZZZZZ			16:24																				
ZZZZZZ			16:28																				
ZZZZZZ			16:31																				
ZZZZZZ			16:35																				
CCV 460-123507/103			16:39																				
CCB 460-123507/104			16:42																				
ZZZZZZ			16:46																				
ZZZZZZ			16:49																				
ZZZZZZ			16:53																				
ZZZZZZ			16:57																				
ZZZZZZ			17:00																				
ZZZZZZ			17:04																				
ZZZZZZ			17:08																				
CCV 460-123507/112			17:11																				
CCB 460-123507/113			17:15																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/20/2012 10:43 End Date: 08/20/2012 15:35

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag																			
ZZZZZZ			10:43																				
ZZZZZZ			10:47																				
ZZZZZZ			10:51																				
ZZZZZZ			10:54																				
ZZZZZZ			10:58																				
ZZZZZZ			11:01																				
ICV 460-124774/7	1		11:05	X																			
ICB 460-124774/8	1		11:09	X																			
ICSA 460-124774/9	1		11:12	X																			
ICSAB 460-124774/10	1		11:16	X																			
ZZZZZZ			11:20																				
ZZZZZZ			11:24																				
ZZZZZZ			11:27																				
ZZZZZZ			11:31																				
ZZZZZZ			11:35																				
ZZZZZZ			11:38																				
ZZZZZZ			11:42																				
ZZZZZZ			11:45																				
CCV 460-124774/19	1		11:49	X																			
CCB 460-124774/20	1		11:52	X																			
ZZZZZZ			11:56																				
ZZZZZZ			12:00																				
ZZZZZZ			12:03																				
ZZZZZZ			12:07																				
ZZZZZZ			12:11																				
ZZZZZZ			12:14																				
460-42969-K-3-A PDS	1	T	12:18	X																			
ZZZZZZ			12:21																				
ZZZZZZ			12:25																				
ZZZZZZ			12:29																				
CCV 460-124774/31	1		12:32	X																			
CCB 460-124774/32	1		12:36	X																			
ZZZZZZ			12:39																				
ZZZZZZ			12:43																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:54																				
ZZZZZZ			12:57																				
ZZZZZZ			13:01																				
ZZZZZZ			13:05																				
ZZZZZZ			13:09																				
ZZZZZZ			13:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 08/20/2012 10:43 End Date: 08/20/2012 15:35

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag																			
CCV 460-124774/43			13:16																				
CCB 460-124774/44			13:19																				
ZZZZZZ			13:23																				
ZZZZZZ			13:27																				
ZZZZZZ			13:30																				
ZZZZZZ			13:34																				
ZZZZZZ			13:38																				
ZZZZZZ			13:42																				
ZZZZZZ			13:45																				
ZZZZZZ			13:49																				
ZZZZZZ			13:53																				
ZZZZZZ			13:56																				
CCV 460-124774/55			14:00																				
CCB 460-124774/56			14:04																				
ZZZZZZ			14:07																				
ZZZZZZ			14:11																				
ZZZZZZ			14:14																				
ZZZZZZ			14:18																				
ZZZZZZ			14:22																				
ZZZZZZ			14:26																				
ZZZZZZ			14:29																				
ZZZZZZ			14:32																				
ZZZZZZ			14:36																				
ZZZZZZ			14:40																				
CCV 460-124774/67			14:43																				
CCB 460-124774/68			14:47																				
ZZZZZZ			14:50																				
ZZZZZZ			14:54																				
ZZZZZZ			14:58																				
ZZZZZZ			15:01																				
ZZZZZZ			15:05																				
ZZZZZZ			15:09																				
ZZZZZZ			15:12																				
ZZZZZZ			15:21																				
ZZZZZZ			15:25																				
ZZZZZZ			15:28																				
CCV 460-124774/79			15:32																				
CCB 460-124774/80			15:35																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 08/02/2012 13:39 End Date: 08/02/2012 16:24

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 460-122307/25-A			13:39	X																			
IC 460-122307/26-A			13:40	X																			
IC 460-122307/27-A			13:42	X																			
IC 460-122307/28-A			13:44	X																			
IC 460-122307/29-A			13:46	X																			
IC 460-122307/30-A			13:48	X																			
ICV 460-122307/31-A	1		13:49	X																			
ICB 460-122366/8	1		13:51	X																			
ZZZZZZ			13:53																				
ZZZZZZ			13:55																				
MB 460-122307/1-A	1	T	13:57	X																			
LCS 460-122307/2-A	1	T	13:59	X																			
ZZZZZZ			14:01																				
460-42963-B-4-B DU	1	T	14:03	X																			
460-42963-F-4-B MS	1	T	14:05	X																			
ZZZZZZ			14:06																				
ZZZZZZ			14:08																				
ZZZZZZ			14:10																				
CCV 460-122307/33-A	1		14:12	X																			
CCB 460-122366/20	1		14:14	X																			
ZZZZZZ			14:16																				
ZZZZZZ			14:18																				
ZZZZZZ			14:20																				
ZZZZZZ			14:22																				
ZZZZZZ			14:24																				
460-42971-15	1	T	14:25	X																			
ZZZZZZ			14:27																				
ZZZZZZ			14:29																				
ZZZZZZ			14:31																				
CCV 460-122307/33-A	1		14:33	X																			
CCB 460-122366/31	1		14:35	X																			
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
ZZZZZZ			14:41																				
ZZZZZZ			14:42																				
ZZZZZZ			14:44																				
ZZZZZZ			14:46																				
ZZZZZZ			14:48																				
460-42963-G-4-B SD ^5	5	T	14:49	X																			
CCV 460-122307/33-A	1		14:51	X																			
CCB 460-122366/41	1		14:53	X																			
ZZZZZZ			14:55																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 08/02/2012 13:39 End Date: 08/02/2012 16:24

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			14:57																				
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:03																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:08																				
ZZZZZZ			15:10																				
ZZZZZZ			15:12																				
CCV 460-122307/33-A			15:13																				
CCB 460-122366/53			15:15																				
ZZZZZZ			15:17																				
ZZZZZZ			15:19																				
ZZZZZZ			15:21																				
ZZZZZZ			15:23																				
ZZZZZZ			15:25																				
ZZZZZZ			15:27																				
ZZZZZZ			15:29																				
ZZZZZZ			15:30																				
ZZZZZZ			15:33																				
CCV 460-122307/33-A			15:35																				
CCB 460-122366/64			15:37																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:45																				
ZZZZZZ			15:47																				
ZZZZZZ			15:49																				
ZZZZZZ			15:51																				
ZZZZZZ			15:53																				
ZZZZZZ			15:55																				
ZZZZZZ			15:56																				
ZZZZZZ			15:58																				
CCV 460-122307/33-A			16:00																				
CCB 460-122366/76			16:02																				
ZZZZZZ			16:04																				
ZZZZZZ			16:06																				
ZZZZZZ			16:08																				
ZZZZZZ			16:09																				
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:15																				
ZZZZZZ			16:17																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 08/02/2012 13:39 End Date: 08/02/2012 16:24

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			16:19																				
ZZZZZZ			16:21																				
CCV 460-122307/33-A			16:23																				
CCB 460-122366/88			16:24																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 08/02/2012 19:30 End Date: 08/02/2012 23:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 460-122359/1-A			19:30	X																			
IC 460-122359/2-A			19:33	X																			
IC 460-122359/3-A			19:35	X																			
IC 460-122359/4-A			19:37	X																			
IC 460-122359/5-A			19:39	X																			
IC 460-122359/6-A			19:41	X																			
ICV 460-122359/7-A	1		19:43	X																			
ICB 460-122410/8	1		19:45	X																			
ZZZZZZ			19:48																				
ZZZZZZ			19:50																				
ZZZZZZ			19:52																				
ZZZZZZ			19:54																				
ZZZZZZ			19:56																				
ZZZZZZ			19:58																				
ZZZZZZ			19:59																				
ZZZZZZ			20:02																				
ZZZZZZ			20:04																				
ZZZZZZ			20:06																				
CCV 460-122359/8-A			20:08																				
CCB 460-122410/20			20:12																				
ZZZZZZ			20:13																				
ZZZZZZ			20:16																				
ZZZZZZ			20:18																				
ZZZZZZ			20:20																				
ZZZZZZ			20:22																				
ZZZZZZ			20:25																				
ZZZZZZ			20:27																				
ZZZZZZ			20:29																				
ZZZZZZ			20:31																				
ZZZZZZ			20:33																				
CCV 460-122359/8-A			20:35																				
CCB 460-122410/32			20:37																				
ZZZZZZ			20:39																				
ZZZZZZ			20:41																				
ZZZZZZ			20:43																				
ZZZZZZ			20:45																				
ZZZZZZ			20:47																				
CCV 460-122359/8-A			20:49																				
CCB 460-122410/39			20:51																				
ZZZZZZ			20:53																				
ZZZZZZ			20:55																				
ZZZZZZ			20:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 08/02/2012 19:30 End Date: 08/02/2012 23:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			20:59																				
ZZZZZZ			21:01																				
ZZZZZZ			21:03																				
ZZZZZZ			21:05																				
ZZZZZZ			21:08																				
ZZZZZZ			21:09																				
ZZZZZZ			21:11																				
CCV 460-122359/8-A			21:13																				
CCB 460-122410/51			21:15																				
ZZZZZZ			21:17																				
ZZZZZZ			21:19																				
ZZZZZZ			21:21																				
ZZZZZZ			21:23																				
ZZZZZZ			21:25																				
ZZZZZZ			21:27																				
ZZZZZZ			21:29																				
ZZZZZZ			21:31																				
ZZZZZZ			21:33																				
ZZZZZZ			21:36																				
CCV 460-122359/8-A			21:38																				
CCB 460-122410/63			21:40																				
ZZZZZZ			21:42																				
ZZZZZZ			21:44																				
ZZZZZZ			21:46																				
ZZZZZZ			21:48																				
ZZZZZZ			21:50																				
CCV 460-122359/8-A	1		21:52	X																			
CCB 460-122410/70	1		21:54	X																			
MB 460-122369/10-A	1	T	21:55	X																			
LCSSRM 460-122369/11-A ^40	40	T	21:58	X																			
ZZZZZZ			21:59																				
460-42964-E-40-E DU	1	T	22:01	X																			
460-42964-E-40-F MS	1	T	22:03	X																			
ZZZZZZ			22:05																				
ZZZZZZ			22:08																				
ZZZZZZ			22:09																				
ZZZZZZ			22:12																				
ZZZZZZ			22:14																				
CCV 460-122359/8-A	1		22:16	X																			
CCB 460-122410/82	1		22:18	X																			
ZZZZZZ			22:20																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 08/02/2012 19:30 End Date: 08/02/2012 23:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			22:22																				
ZZZZZZ			22:24																				
ZZZZZZ			22:26																				
ZZZZZZ			22:28																				
ZZZZZZ			22:30																				
ZZZZZZ			22:32																				
ZZZZZZ			22:34																				
ZZZZZZ			22:36																				
ZZZZZZ			22:38																				
CCV 460-122359/8-A	1		22:40	X																			
CCB 460-122410/94	1		22:42	X																			
ZZZZZZ			22:43																				
ZZZZZZ			22:46																				
ZZZZZZ			22:48																				
460-42971-16	10	T	22:52	X																			
ZZZZZZ			22:54																				
460-42964-E-40-D SD	5	T	22:56	X																			
CCV 460-122359/8-A	1		22:58	X																			
CCB 460-122410/102	1		23:00	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 08/09/2012 18:52 End Date: 08/09/2012 22:28

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 460-123339/1-A			18:52	X																			
IC 460-123339/2-A			18:53	X																			
IC 460-123339/3-A			18:55	X																			
IC 460-123339/4-A			18:58	X																			
IC 460-123339/5-A			19:01	X																			
IC 460-123339/6-A			19:02	X																			
ICV 460-123339/7-A	1		19:04	X																			
ICB 460-123377/8	1		19:06	X																			
MB 460-123339/10-A	1	T	19:08	X																			
LCSSRM 460-123339/11-A ^40	40	T	19:10	X																			
460-42971-3	1	T	19:12	X																			
460-42971-3 DU	1	T	19:13	X																			
460-42971-3 MS	1	T	19:15	X																			
ZZZZZZ			19:17																				
ZZZZZZ			19:19																				
ZZZZZZ			19:21																				
ZZZZZZ			19:23																				
460-42971-1	1	T	19:26	X																			
CCV 460-123339/8-A	1		19:28	X																			
CCB 460-123377/20	1		19:31	X																			
460-42971-2	1	T	19:33	X																			
ZZZZZZ			19:35																				
ZZZZZZ			19:37																				
ZZZZZZ			19:40																				
ZZZZZZ			19:42																				
460-42971-10	1	T	19:44	X																			
460-42971-11	1	T	19:46	X																			
460-42971-12	1	T	19:48	X																			
460-42971-13	1	T	19:49	X																			
460-42971-14	1	T	19:51	X																			
CCV 460-123339/8-A	1		19:53	X																			
CCB 460-123377/32	1		19:56	X																			
ZZZZZZ			19:58																				
ZZZZZZ			20:00																				
ZZZZZZ			20:03																				
ZZZZZZ			20:05																				
ZZZZZZ			20:07																				
460-42971-6	10	T	20:09	X																			
460-42971-7	30	T	20:11	X																			
460-42971-8	2	T	20:13	X																			
460-42971-9	1	T	20:15	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 08/09/2012 18:52 End Date: 08/09/2012 22:28

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
460-42971-3 SD	5	T	20:17	X																			
CCV 460-123339/8-A	1		20:20	X																			
CCB 460-123377/44	1		20:22	X																			
ZZZZZZ			20:23																				
ZZZZZZ			20:26																				
ZZZZZZ			20:28																				
ZZZZZZ			20:29																				
ZZZZZZ			20:31																				
ZZZZZZ			20:34																				
ZZZZZZ			20:37																				
ZZZZZZ			20:38																				
ZZZZZZ			20:41																				
ZZZZZZ			20:43																				
CCV 460-123339/8-A			20:45																				
CCB 460-123377/56			20:47																				
ZZZZZZ			20:50																				
ZZZZZZ			20:51																				
ZZZZZZ			20:54																				
ZZZZZZ			20:56																				
ZZZZZZ			20:58																				
ZZZZZZ			21:00																				
ZZZZZZ			21:02																				
ZZZZZZ			21:04																				
ZZZZZZ			21:06																				
ZZZZZZ			21:08																				
CCV 460-123339/8-A			21:09																				
CCB 460-123377/68			21:11																				
ZZZZZZ			21:14																				
ZZZZZZ			21:16																				
ZZZZZZ			21:18																				
ZZZZZZ			21:20																				
ZZZZZZ			21:22																				
CCV 460-123339/8-A			21:24																				
CCB 460-123377/75			21:26																				
ZZZZZZ			21:28																				
ZZZZZZ			21:31																				
ZZZZZZ			21:33																				
ZZZZZZ			21:35																				
ZZZZZZ			21:37																				
ZZZZZZ			21:39																				
ZZZZZZ			21:42																				
ZZZZZZ			21:44																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 08/09/2012 18:52 End Date: 08/09/2012 22:28

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			21:46																				
ZZZZZZ			21:48																				
CCV 460-123339/8-A			21:50																				
CCB 460-123377/87			21:52																				
ZZZZZZ			21:54																				
ZZZZZZ			21:56																				
ZZZZZZ			21:59																				
ZZZZZZ			22:02																				
ZZZZZZ			22:04																				
ZZZZZZ			22:06																				
ZZZZZZ			22:08																				
ZZZZZZ			22:10																				
ZZZZZZ			22:11																				
ZZZZZZ			22:13																				
CCV 460-123339/8-A			22:15																				
CCB 460-123377/99			22:17																				
ZZZZZZ			22:19																				
ZZZZZZ			22:21																				
ZZZZZZ			22:24																				
CCV 460-123339/8-A			22:25																				
CCB 460-123377/104			22:28																				

Prep Types
T = Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122238 Batch Start Date: 08/02/12 08:06 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 08/02/12 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00031	ME_LCSS_77 00001	
MB 460-122238/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-122238/2		3050B, 6010B		CALC NOT SET TO RUN	1.04 g	50 mL		1 g	
460-42971-E-9	20120731SB-393V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-42971-E-9 DU	20120731SB-393V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL			
460-42971-E-9 MS	20120731SB-393V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL	2 mL		
460-42971-E-1	20120731SB-396V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.01 g	50 mL			
460-42971-E-2	20120731SB-396V6-7N	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL			
460-42971-E-3	20120731SB-397V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.00 g	50 mL			
460-42971-E-6	20120731SB-397V5-6N	3050B, 6010B	T	CALC NOT SET TO RUN	1.09 g	50 mL			
460-42971-E-7	20120731SB-394V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-42971-E-8	20120731SB-394V7-8N	3050B, 6010B	T	CALC NOT SET TO RUN	1.10 g	50 mL			
460-42971-E-10	20120731SB-393V7-8N	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-42971-E-11	20120731SB-392V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-42971-E-12	20120731SB-392V7-8N	3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL			
460-42971-E-13	20120731SB-387V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.10 g	50 mL			
460-42971-E-14	20120731SB-387V3-4N	3050B, 6010B	T	CALC NOT SET TO RUN	1.07 g	50 mL			
460-42971-E-16	20120731FD	3050B, 6010B	T	CALC NOT SET TO RUN	1.10 g	50 mL			

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122238 Batch Start Date: 08/02/12 08:06 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 08/02/12 13:00

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K45J00
Lot # of hydrochloric acid	L02A02
Logbook ID for diluted Nitric	MPR197
Lot # of Nitric Acid	L12065
Hood ID or number	8
Hot Block ID number	1
Pipette ID	25
Temperature	95 Degrees C
ID number of the thermometer	ICP-2
Digestion Tube/Cup Lot #	143136263

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122427 Batch Start Date: 08/03/12 07:52 Batch Analyst: Yang, Qin

Batch Method: 3010A Batch End Date: 08/03/12 12:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00031			
MB 460-122427/1		3010A, 6010B		100 mL	100 mL				
LCS 460-122427/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-42969-K-3 DU		3010A, 6010B	T	100 mL	100 mL				
460-42969-K-3 MS		3010A, 6010B	T	100 mL	100 mL	2 mL			
460-42971-C-15	20120731EB	3010A, 6010B	T	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 206
First End time	12:30
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	L03021
Hot Block ID number	5
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	3
First Start time	7:30
ID number of the thermometer	3
Digestion Tube/Cup Lot #	1111173

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 123228 Batch Start Date: 08/09/12 08:13 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 08/09/12 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00031	ME_LCSS_77 00001	
MB 460-123228/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-123228/2		3050B, 6010B		CALC NOT SET TO RUN	1.04 g	50 mL		1 g	
460-42971-E-3	20120731SB-397V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-42971-E-3 DU	20120731SB-397V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.07 g	50 mL			
460-42971-E-3 MS	20120731SB-397V0-2N	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	2 mL		

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K45J00
Lot # of hydrochloric acid	L02A02
Logbook ID for diluted Nitric	MPR197
Lot # of Nitric Acid	L03021
Hood ID or number	8
Hot Block ID number	1
Pipette ID	25
Temperature	95 Degrees C
ID number of the thermometer	ICP-2
Digestion Tube/Cup Lot #	143136263

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122307 Batch Start Date: 08/02/12 11:00 Batch Analyst: Sheikh, Razia B

Batch Method: 7470A Batch End Date: 08/02/12 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00865			
MB 460-122307/1		7470A, 7470A		30 mL	30 mL				
LCS 460-122307/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-42963-B-4 DU		7470A, 7470A	T	30 mL	30 mL				
460-42963-F-4 MS		7470A, 7470A	T	30 mL	30 mL	0.3 mL			
460-42971-C-15	20120731EB	7470A, 7470A	T	30 mL	30 mL				
ICV 460-122307/31		7470A, 7470A		100 mL	100 mL	5 mL			
CCV 460-122307/33		7470A, 7470A		100 mL	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01473
Sulfuric Acid Lot Number	k53043
Lot # of hydrochloric acid	hgr01474
Lot # of Nitric Acid	103021
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01469
Potassium Permanganate Lot Number	hgr01470
NaCL Lot #	hgr01473
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	3
Stannous Chloride Lot Number	hgr01475
Digestion Tube/Cup Lot #	143136-263

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122359 Batch Start Date: 08/02/12 16:11 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 08/02/12 17:56

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DQCS-INT 00579			
ICV 460-122359/7		7471A, 7471A		0.60 g	100 mL	5 mL			
CCV 460-122359/8		7471A, 7471A		0.60 g	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01468
Balance ID	#35
Batch Comment	Autoclave 15 LBS
Sulfuric Acid Lot Number	K53043
Lot # of hydrochloric acid	HgR01471
Lot # of Nitric Acid	L03021
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01467
NaCL Lot #	HgR01468
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01472
ID number of the thermometer	Prep-1

Basis	Basis Description

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122369 Batch Start Date: 08/02/12 17:30 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 08/02/12 19:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00866	ME_LCSS_77 00001		
MB 460-122369/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-122369/11		7471A, 7471A		0.60 g	100 mL		0.6 g		
460-42964-E-40 DU		7471A, 7471A	T	0.60 g	100 mL				
460-42964-E-40 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-42971-A-16	20120731FD	7471A, 7471A	T	0.60 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01468
Balance ID	#35
Batch Comment	Autoclave PRessure 15 LBS
Sulfuric Acid Lot Number	K53043
Lot # of hydrochloric acid	HgR01471
Lot # of Nitric Acid	L03021
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01467
NaCL Lot #	HgR01468
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01472
ID number of the thermometer	Prep-1

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 123339 Batch Start Date: 08/09/12 16:28 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 08/09/12 18:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00877	ME_DQCS-INT 00589	ME_LCSS_77 00001	
ICV 460-123339/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-123339/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-123339/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-123339/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-42971-E-3	20120731SB-397V0 -2N	7471A, 7471A	T	0.60 g	100 mL				
460-42971-A-3 DU	20120731SB-397V0 -2N	7471A, 7471A	T	0.60 g	100 mL				
460-42971-D-3 MS	20120731SB-397V0 -2N	7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-42971-E-1	20120731SB-396V0 -2N	7471A, 7471A	T	0.64 g	100 mL				
460-42971-E-2	20120731SB-396V6 -7N	7471A, 7471A	T	0.61 g	100 mL				
460-42971-E-6	20120731SB-397V5 -6N	7471A, 7471A	T	0.66 g	100 mL				
460-42971-E-7	20120731SB-394V0 -2N	7471A, 7471A	T	0.63 g	100 mL				
460-42971-E-8	20120731SB-394V7 -8N	7471A, 7471A	T	0.61 g	100 mL				
460-42971-E-9	20120731SB-393V0 -2N	7471A, 7471A	T	0.65 g	100 mL				
460-42971-E-10	20120731SB-393V7 -8N	7471A, 7471A	T	0.60 g	100 mL				
460-42971-E-11	20120731SB-392V0 -2N	7471A, 7471A	T	0.67 g	100 mL				
460-42971-E-12	20120731SB-392V7 -8N	7471A, 7471A	T	0.61 g	100 mL				
460-42971-E-13	20120731SB-387V0 -2N	7471A, 7471A	T	0.66 g	100 mL				
460-42971-E-14	20120731SB-387V3 -4N	7471A, 7471A	T	0.63 g	100 mL				

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 123339 Batch Start Date: 08/09/12 16:28 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 08/09/12 18:10

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01479
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Sulfuric Acid Lot Number	K53043
Lot # of hydrochloric acid	HgR01480
Lot # of Nitric Acid	L03021
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01478
NaCL Lot #	HgR01479
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcuis
Pipette ID	#25
Stannous Chloride Lot Number	HgR01481
ID number of the thermometer	Prep-1

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG No.:

Project: Rohm and Haas Philly Plant

Client Sample ID	Lab Sample ID
20120731SB-396V0-2N	460-42971-1
20120731SB-396V6-7N	460-42971-2
20120731SB-397V0-2N	460-42971-3
20120731SB-397V5-6N	460-42971-6
20120731SB-394V0-2N	460-42971-7
20120731SB-394V7-8N	460-42971-8
20120731SB-393V0-2N	460-42971-9
20120731SB-393V7-8N	460-42971-10
20120731SB-392V0-2N	460-42971-11
20120731SB-392V7-8N	460-42971-12
20120731SB-387V0-2N	460-42971-13
20120731SB-387V3-4N	460-42971-14
20120731FD	460-42971-16

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-42971-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/02/2012 09:17 End Date: 08/02/2012 09:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
ZZZZZZ			09:17																				
460-42971-8	1	T	09:17	X	X																		
460-42971-2	1	T	09:17	X	X																		
460-42971-1	1	T	09:17	X	X																		
ZZZZZZ			09:17																				
460-42971-3	1	T	09:17	X	X																		
ZZZZZZ			09:17																				
460-42910-E-3 DU	1	T	09:17	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/02/2012 10:30 End Date: 08/02/2012 10:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
460-42971-13	1	T	10:30	X	X																		
ZZZZZZ			10:30																				
460-42971-6	1	T	10:30	X	X																		
460-42971-11	1	T	10:30	X	X																		
460-42971-9	1	T	10:30	X	X																		
460-42971-12	1	T	10:30	X	X																		
460-42971-10	1	T	10:30	X	X																		
460-42971-14	1	T	10:30	X	X																		
460-42971-7	1	T	10:30	X	X																		
460-42971-16	1	T	10:30	X	X																		
ZZZZZZ			10:30																				
460-42968-A-22 DU	1	T	10:30	X	X																		
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122255 Batch Start Date: 08/02/12 09:17 Batch Analyst: Chang, Ryan

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-42971-A-8	20120731SB-394V7-8N	Moisture	T	15	0.99 g	6.12 g	4.72 g		
460-42971-A-2	20120731SB-396V6-7N	Moisture	T	16	0.98 g	6.05 g	4.47 g		
460-42971-A-1	20120731SB-396V0-2N	Moisture	T	17	1.00 g	6.37 g	5.72 g		
460-42971-A-3	20120731SB-397V0-2N	Moisture	T	19	1.03 g	6.49 g	4.96 g		
460-42910-E-3 DU		Moisture	T	21	1.03 g	6.86 g	5.84 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	08/02/12
Oven Temp when samples are put in oven	Oven-1 103 Degrees C
Time samples were place in the oven	10:30
Date samples were removed from oven	08/03/12
Oven Temp when samples removed from oven	Oven-1 105 Degrees C
Time Samples were removed from oven	09:15
Oven ID	1
ID number of the thermometer	C4350
Uncorrected In Temperature	None Celsius
Uncorrected Out Temperature	None Celsius

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-42971-1

SDG No.:

Batch Number: 122271 Batch Start Date: 08/02/12 10:30 Batch Analyst: Chang, Ryan

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-42971-A-13	20120731SB-387V0-2N	Moisture	T	29	1.04 g	6.05 g	5.45 g		
460-42971-A-6	20120731SB-397V5-6N	Moisture	T	31	0.95 g	6.26 g	4.81 g		
460-42971-A-11	20120731SB-392V0-2N	Moisture	T	32	0.95 g	6.14 g	5.32 g		
460-42971-A-9	20120731SB-393V0-2N	Moisture	T	33	0.96 g	6.54 g	6.12 g		
460-42971-A-12	20120731SB-392V7-8N	Moisture	T	34	1.06 g	6.03 g	4.53 g		
460-42971-A-10	20120731SB-393V7-8N	Moisture	T	35	1.05 g	7.77 g	6.70 g		
460-42971-A-14	20120731SB-387V3-4N	Moisture	T	36	1.05 g	6.37 g	5.60 g		
460-42971-A-7	20120731SB-394V0-2N	Moisture	T	37	1.07 g	6.97 g	6.22 g		
460-42971-A-16	20120731FD	Moisture	T	38	0.96 g	6.51 g	5.10 g		
460-42968-A-22 DU		Moisture	T	40	1.02 g	6.54 g	5.88 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	08/02/12
Oven Temp when samples are put in oven	Oven-1 103 Degrees C
Time samples were place in the oven	11:10
Date samples were removed from oven	08/03/12
Oven Temp when samples removed from oven	Oven-1 105 Degrees C
Time Samples were removed from oven	09:15
Oven ID	1
ID number of the thermometer	C4350
Uncorrected In Temperature	None Celsius
Uncorrected Out Temperature	None Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

08/21/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Emily Strake
Company: URS Corporation
Address: 335 Commerce Dr
City: Fort Washington State: PA
Phone: 215 367 2500 Fax: 215 367 1600

Samplers Name (Printed): Gordon Clark / Nate Carlson
P. O. #: Quote: 46009741
Analysis Turnaround Time: Standard [X]
Rush Chrages Authorized For: 2 Week [ ] 1 Week [ ] Other [ ] _____

Site/Project Identification: R+H Phila
State (Location of site): NJ: [ ] NY: [ ] Other: PA
Regulatory Program: PA Act 2

LAB USE ONLY
Project No:
Job No: 42971

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	TCL VOCs	TCL SVOCs	TCL Pest	TAL Metals	Sample Numbers
20120731SB-396V0-2N	7/31/12	900	S	5	X	X	X	X	1
20120731SB-396V6-7N	7/31/12	905	S	5	X	X	X	X	2
20120731SB-397V0-2N	7/31/12	925	S	5	X	X	X	X	3
20120731SB-397V0-2MS	7/31/12	930	S	5	X	X	X	X	4
20120731SB-397V0-2SD	7/31/12	930	S	5	X	X	X	X	5
20120731SB-397V5-6N	7/31/12	935	S	5	X	X	X	X	6
20120731SB-394V0-2N	7/31/12	1005	S	5	X	X	X	X	7
20120731SB-394V7-8N	7/31/12	1010	S	5	X	X	X	X	8
20120731SB-393V0-2N	7/31/12	1035	S	5	X	X	X	X	9
20120731SB-393V7-8N	7/31/12	1040	S	5	X	X	X	X	10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other _____, 7 = Other _____				Soil:	1	1	1	1	
				Water:					

2.6
#50

Special Instructions: Samples need to meet PA Act 2 Standards

Water Metals Filtered (Yes/No)? ____

SHORT HOLD

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	URS	7/31/12 15:50	1) [signature]	TA
2) [signature]			2)	
3) [signature]	TA	7-31 1620	3) [signature]	TA
4) [signature]	TA	7/31 1920	4) [signature]	TA 7/31/2012 19:20

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

08/21/2012

Name (for report and invoice): Emily Strake	Samplers Name (Printed): G. Clark / N. Carlson	Site/Project Identification: R+H Phila
Company: URS Corporation	P. O. #: Quote: 96009741	State (Location of site): NJ: ☐ NY: ☐ Other: PA
		Regulatory Program: PA Act 2
Address: 335 Commerce Dr	Analysis Turnaround Time: Standard ☒	LAB USE ONLY Project No:
City: Fort Washington State: PA	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 42971
Phone: 215 367 2500 Fax: 215 367 1000		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOCs	TCL SVOCs	TCL Pest	TAL Metals								Sample Numbers
20120731SB-392VO-2N	7/31/12	1100	S	5	X	X	X	X								11
20120731SB-392V7-8N	7/31/12	1105	S	5	X	X	X	X								12
20120731SB-387VO-2N	7/31/12	1230	S	5	X	X	X	X								13
20120731SB-387VO-	7/31/12	1235	S	5	X	X	X	X								14
20120731EB	7/31/12	1400	SW	7	X	X	X	X								15
20120731FD	7/31/12	—	S	5	X	X	X	X								16
20120731TB	7/31/12	—	W	2	X											17

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:	1	1	1	1								
Water:	1,2	1	1	4								

SHORT HOLD

Special Instructions: Samples need to meet PA Act 2 Standards

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	URS	7/31/12 15:50	1) [signature]	TA
2) [signature]	TA	7/31 16:30	2)	
3) [signature]		7/31 16:35	3) John Ponty	TEST AMERICA
4) [signature]	TA	7/31 1920	4) [signature]	TA 7/31/2012

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

Q.6 #50

TestAmerica Edison
Sample pH Receipt Log

Job No. 42971

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
15				<2									

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative: _____ Expiration Date: _____

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: E.R Date: 8/1/2012

EDS-WI-038, Rev 2, 05/09/12

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 460-42971-1

Login Number: 42971

List Source: TestAmerica Edison

List Number: 1

Creator: Isaac, Shalini

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6 IR#50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.