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ANALYTICAL REPORT

Job Number: 460-52450-1

Job Description: Former McCandless Fuels

For:
Antea USA, Inc.
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Attention: Ms. Carla Nascimento

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Table of Contents

Table of Contents

Table of Contents

Table of Contents

CASE NARRATIVE

Client: Antea USA, Inc.

Project: Former McCandless Fuels

Report Number: 460-52450-1

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 03/15/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt were 2.1º C, 2.1º C and 4.1º 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.

CHLORIDE
Sample 460-52450-45 was analyzed for chloride in accordance with SM 4500 CL B. The samples were analyzed on 03/19/2013.

No difficulties were encountered during the chloride analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples 460-52450-1 through 460-52450-44 were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/17/2013 and 03/18/2013 and analyzed on 03/18/2013 and 03/19/2013.

Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 460-52450-29, 460-52450-29 MS, 460-52450-29 MSD, 460-52450-31, 460-52450-40, 460-52450-35, 460-52450-42.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151527 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

Samples 460-52450-2(2X), 460-52450-3(2X), 460-52450-6(5X), 460-52450-11(10X), 460-52450-15(5X), 460-52450-16(5X), 460-52450-18(20X), 460-52450-19(5X), 460-52450-20(50X), 460-52450-21(100X), 460-52450-22(50X), 460-52450-28(50X), 460-52450-29(10X), 460-52450-31(50X), 460-52450-35(20X), 460-52450-40(20X) and 460-52450-42(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)
Sample 460-52450-45 was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/20/2013 and analyzed on 03/21/2013.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-52450-1 through 460-52450-44 and 460-52450-46 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/16/2013 and analyzed on 03/19/2013, 03/20/2013, 03/21/2013, 03/22/2013, 03/23/2013 and 03/25/2013.

The laboratory control sample (LCS) for batch 152022 exceeded control limits for the following analyte: 1,2-Dibromo-3-chloropropane. This analyte was biased high in the LCS and was not detected in the associated sample(s); therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for batch 152371 exceeded control limits for the following analyte: 2-Hexanone. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The matrix spike / matrix spike duplicate (MS/MSD) %RPD for batch 151692 was outside control limits for Freon TF. The MS recoveries were outside control limits for Methylene chloride and Bromoform. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151869 were outside control limits for Methyl acetate, Cyclohexane, and Methylcyclohexane. The MSD recoveries were also outside control limits for Bromoform and Ethylbenzene. Cyclohexane, Methylcyclohexane, and Ethylbenzene were present at high concentrations in the parent sample relative to the spike amounts. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 152224 were outside control limits for 1,1,2-Trichloroethane, Methylene chloride, and Tetrachloroethene. Tetrachloroethene was present at a high concentration in the parent sample relative to the spike amount. The MS recoveries of Chloroethane and 1,1-Dichloroethene, and the MSD recovery of Bromomethane were also outside control limits. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151859 were outside control limits for Total xylenes, Benzene, Isopropylbenzene, and Ethylbenzene. The MSD recoveries were also outside control limits for Methylcyclohexane. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 152022 were outside control limits for Bromoform. The MSD recoveries were also outside control limits for Methylene chloride. The associated laboratory control sample (LCS) recoveries met acceptance criteria for these analytes.

Surrogate recoveries for the following sample were outside control limits: 460-52450-40. Re-analysis was performed with concurring results (Batch 152224 - b53651). The original analysis has been reported.

The laboratory control sample / laboratory control sample duplicate (LCS/LCSD) %RPD for 2-Butanone for batch 152393 exceeded control limits. The LCS recoveries were outside control limits for Cyclohexane. These analytes were not detected in the associated samples. The data has been flagged and reported.

The peaks observed at 10.4 and 11.6 minutes are column bleed, and therefore not reported as TICs for the following samples: 460-52450-8, 460-52450-12, 460-52450-13, 460-52450-14, 460-52450-15, 460-52450-46.

Internal standard (ISDT) response for the following sample was outside control limits: 460-52450-20. The sample was re-analyzed with concurring results (Batch 152400 - d30839). The original set of data has been reported.

Surrogate recovery for the following sample was outside control limits: 460-52450-42. Evidence of matrix interference is present; therefore, re-analysis was not performed.

The matrix spike (MS) recovery for batch 152550 was outside control limits for 1,1,2,2-Tetrachloroethane; MS recovery and MS/MSD %RPD were outside control limits for Chloroethane. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Trichloroethene exceeds the calibration range in the following sample, the result is flagged "E" for estimated value: 460-52450-33. The medium level sample was also analyzed (see file b53782), the result is lower. Both sets of data are reported.

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.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-52450-45 was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/20/2013.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151859 were outside control limits for Total xylenes, Benzene, Isopropylbenzene, and Ethylbenzene. The MSD recoveries were also outside control limits for Methylcyclohexane. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-52450-1 through 460-52450-44 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/18/2013 and analyzed on 03/19/2013, 03/20/2013 and 03/21/2013.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151640 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike duplicate (MSD) recoveries for batch 151635 were outside control limits for 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, and 1,4-Dichlorobenzene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 151635 was outside control limits for 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene and Hexachloroethane.

The matrix spike (MS) recovey of Benzo(a)pyrene for batch 151546 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

Samples 460-52450-21(5X), 460-52450-31(10X) and 460-52450-40(5X) 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 460-52450-45 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/18/2013 and analyzed on 03/23/2013.

Benzo[a]pyrene failed the recovery criteria high for the MS of sample 460-52468-3 in batch 460-151859.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples 460-52450-1 through 460-52450-44 were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 03/18/2013.

No difficulties were encountered during the %solids/moisture analyses.

All quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS
Samples 460-52450-1 through 460-52450-44 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 03/17/2013, 03/18/2013 and 03/21/2013 and analyzed on 03/18/2013, 03/19/2013 and 03/22/2013.

An incorrect volume of surrogate spiking solution was inadvertently added the following samples: 460-52450-27 MS, 460-52450-27 MSD, 460-52450-41 MS, 460-52450-41 MSD. Percent recoveries are based on the amount spiked. The surrogate recovery of the quality control (QC) sample associated with matrix spike (MS), matrix spike duplicate (MSD) and the laboratory control sample (LCS) were within the control limits. Therefore, re-extraction and/or re-analysis were not performed.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151904 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. 460-52450-27 MS, 460-52450-27 MSD, 460-52450-41 MS, 460-52450-41 MSD

The matrix spike duplicate (MSD) recovery for batch 152029 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. 460-52450-1 MSD

Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 460-52450-18, 460-52450-20,

460-52450-20 MS, 460-52450-20 MSD, 460-52450-21, 460-52450-22, 460-52450-28, 460-52450-31, 460-52450-35, 460-52450-40, 460-52450-42.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 152060 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Surrogate recovery for the following sample(s) was outside control limits: 460-52450-33. Re-extraction and/or re-analysis was performed with same results. Original results will be reported.

Surrogate recovery for the following sample(s) was outside control limits: 460-52459-23, 460-52459-23 MS, 460-52459-23 MSD. The sample(s) shows evidence of matrix interference; therefore, re-extraction and/or re-analysis was not performed. Chromatograms have been provided as supporting documentation.

The matrix spike / matrix spike duplicate (MS/MSD) precision for the following sample associated with batch 152134 was outside control limits. Non-homogeneity of the sample matrix is suspected. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

Refer to the QC report for details.

Samples 460-52450-9(5X), 460-52450-16(5X), 460-52450-18(10X), 460-52450-19(5X), 460-52450-20(10X), 460-52450-21(20X), 460-52450-22(10X), 460-52450-28(10X), 460-52450-29(5X), 460-52450-31(20X), 460-52450-35(10X), 460-52450-40(10X) and 460-52450-42(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the QAM 025 analyses.

All other quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Sample 460-52450-45 was analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 03/19/2013 and analyzed on 03/20/2013.

No difficulties were encountered during the QAM-025 analysis.

All quality control parameters were within the acceptance limits.

CHLORIDE

Samples 460-52450-1 through 460-52450-44 were analyzed for Chloride in accordance with D3987-85/SM 4500 Cl- E. The samples were leached on 03/18/2013 and 03/20/2013 and analyzed on 03/21/2013 and 03/22/2013.

No difficulties were encountered during the Chloride analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-52450-1	PMP-21-NE-VD	Solid	03/14/2013 0920	03/15/2013 1505
460-52450-2	PMP-21-NE-WT	Solid	03/14/2013 0925	03/15/2013 1505
460-52450-3	PMP-21-NE-SI	Solid	03/14/2013 0930	03/15/2013 1505
460-52450-4	PMP-23-NE-VS	Solid	03/14/2013 1015	03/15/2013 1505
460-52450-5	PMP-14-NE VS	Solid	03/14/2013 0945	03/15/2013 1505
460-52450-6	PMP-8-NE-VS	Solid	03/14/2013 1030	03/15/2013 1505
460-52450-7	PMP-8-NE-VD	Solid	03/14/2013 1035	03/15/2013 1505
460-52450-8	PMP-8-NE-WT	Solid	03/14/2013 1040	03/15/2013 1505
460-52450-9	PMP-4-NE-VS	Solid	03/14/2013 1050	03/15/2013 1505
460-52450-10	PMP-4-NE-VD	Solid	03/14/2013 1055	03/15/2013 1505
460-52450-11	PMP-22-NE-VS	Solid	03/14/2013 1125	03/15/2013 1505
460-52450-12	PMP-22-NE-VD	Solid	03/14/2013 1130	03/15/2013 1505
460-52450-13	PMP-22-NE-WT	Solid	03/14/2013 1135	03/15/2013 1505
460-52450-14	PMP-6-NE-VD	Solid	03/14/2013 1150	03/15/2013 1505
460-52450-15	PMP-6-NE-WT	Solid	03/14/2013 1155	03/15/2013 1505
460-52450-16	PMP-6-NE-SI	Solid	03/14/2013 1200	03/15/2013 1505
460-52450-17	PMP-5-NE-VD	Solid	03/14/2013 1220	03/15/2013 1505
460-52450-18	PMP-5-NE-WT	Solid	03/14/2013 1225	03/15/2013 1505
460-52450-19	PMP-5-NE-SI	Solid	03/14/2013 1230	03/15/2013 1505
460-52450-20	PMP-7-NE-VD	Solid	03/14/2013 1345	03/15/2013 1505
460-52450-21	PMP-7-NE-WT	Solid	03/14/2013 1350	03/15/2013 1505
460-52450-22	PMP-7-NE-SI	Solid	03/14/2013 1355	03/15/2013 1505
460-52450-23	PMP-10-NE-VD	Solid	03/14/2013 1425	03/15/2013 1505
460-52450-24	PMP-10-NE-WT	Solid	03/14/2013 1430	03/15/2013 1505
460-52450-25	PMP-10-NE-SI	Solid	03/14/2013 1435	03/15/2013 1505
460-52450-26	PMP-10-NE-SD	Solid	03/14/2013 1440	03/15/2013 1505
460-52450-27	PMP-9-NE-VD	Solid	03/14/2013 1450	03/15/2013 1505
460-52450-28	PMP-9-NE-WT	Solid	03/14/2013 1455	03/15/2013 1505
460-52450-29	PMP-9-NE-SI	Solid	03/14/2013 1500	03/15/2013 1505
460-52450-30	PMP-13-NE-VD	Solid	03/14/2013 1535	03/15/2013 1505
460-52450-31	PMP-13-NE-WT	Solid	03/14/2013 1540	03/15/2013 1505
460-52450-32	PMP-13-NE-SI	Solid	03/14/2013 1545	03/15/2013 1505
460-52450-33	PMP-13-NE-SD	Solid	03/14/2013 1550	03/15/2013 1505
460-52450-34	PMP-16-NE-VD	Solid	03/14/2013 1615	03/15/2013 1505
460-52450-35	PMP-16-NE-WT	Solid	03/14/2013 1620	03/15/2013 1505
460-52450-36	PMP-16-NE-SI	Solid	03/14/2013 1625	03/15/2013 1505
460-52450-37	PMP-15-NE-VD	Solid	03/14/2013 1650	03/15/2013 1505
460-52450-38	PMP-15-NE-WT	Solid	03/14/2013 1655	03/15/2013 1505
460-52450-39	PMP-15-NE-SI	Solid	03/14/2013 1700	03/15/2013 1505
460-52450-40	PMP-15-NE-SD	Solid	03/14/2013 1705	03/15/2013 1505
460-52450-41	PMP-28-NE-VD	Solid	03/14/2013 1735	03/15/2013 1505
460-52450-42	PMP-28-NE-WT	Solid	03/14/2013 1740	03/15/2013 1505
460-52450-43	PMP-28-NE-SI	Solid	03/14/2013 1745	03/15/2013 1505
460-52450-44	PMP-28-NE-SD	Solid	03/14/2013 1750	03/15/2013 1505
460-52450-45FB	FB_031513	Water	03/15/2013 0730	03/15/2013 1505
460-52450-46TB	TRIP BLANK	Solid	03/15/2013 0000	03/15/2013 1505

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-1	**PMP-21-NE-VD**					
Methylene Chloride		0.69	J B	1.4	ug/Kg	8260B
1,2,4-Trichlorobenzene		18	J	35	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		28		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.4		1.0	%	Moisture
Percent Solids		95.6		1.0	%	Moisture
460-52450-2	**PMP-21-NE-WT**					
Methylene Chloride		0.85	J B	1.1	ug/Kg	8260B
Aroclor 1248		1900		150	ug/Kg	8082
Aroclor 1260		220		150	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7.6		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.2		1.0	%	Moisture
Percent Solids		88.8		1.0	%	Moisture
460-52450-3	**PMP-21-NE-SI**					
Methylene Chloride		0.88	J B	1.1	ug/Kg	8260B
Aroclor 1248		2900		150	ug/Kg	8082
Aroclor 1260		130	J	150	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		10		6.1	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.5		1.0	%	Moisture
Percent Solids		90.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-4	**PMP-23-NE-VS**					
1,2,3-Trichlorobenzene		0.60	J	0.98	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.63	J	0.98	ug/Kg	8260B
Acetone		9.3	J B	9.8	ug/Kg	8260B
Chloroform		4.1		0.98	ug/Kg	8260B
cis-1,2-Dichloroethene		0.16	J	0.98	ug/Kg	8260B
Methylene Chloride		5.4	B	0.98	ug/Kg	8260B
Tetrachloroethene		0.34	J	0.98	ug/Kg	8260B
Trichloroethene		0.92	J	0.98	ug/Kg	8260B
Benzo[a]pyrene		27	J	35	ug/Kg	8270C
Benzo[b]fluoranthene		33	J	35	ug/Kg	8270C
Benzo[g,h,i]perylene		35	J	350	ug/Kg	8270C
Dibenz(a,h)anthracene		15	J	35	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		21	J	35	ug/Kg	8270C
Pyrene		36	J	350	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		73		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.9		1.0	%	Moisture
Percent Solids		94.1		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		89.3	J	99.9	mg/Kg	SM 4500 Cl- E
460-52450-5	**PMP-14-NE VS**					
1,2,3-Trichlorobenzene		0.17	J	0.89	ug/Kg	8260B
1,4-Dichlorobenzene		0.11	J	0.89	ug/Kg	8260B
Chloroform		2.1		0.89	ug/Kg	8260B
Ethylbenzene		0.41	J	0.89	ug/Kg	8260B
Methylene Chloride		0.48	J B	0.89	ug/Kg	8260B
Xylenes, Total		3.7		2.7	ug/Kg	8260B
Aroclor 1248		91		71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		68		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.2		1.0	%	Moisture
Percent Solids		93.8		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		89.3	J	99.7	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-6	**PMP-8-NE-VS**					
1,2,3-Trichlorobenzene		0.21	J	0.97	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.20	J	0.97	ug/Kg	8260B
Acetone		15	B	9.7	ug/Kg	8260B
Ethylbenzene		7.4		0.97	ug/Kg	8260B
Isopropylbenzene		0.27	J	0.97	ug/Kg	8260B
Methylene Chloride		2.0	B	0.97	ug/Kg	8260B
Toluene		0.39	J	0.97	ug/Kg	8260B
Xylenes, Total		63		2.9	ug/Kg	8260B
Aroclor 1248		2800		350	ug/Kg	8082
Aroclor 1260		250	J	350	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		140		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture
460-52450-7	**PMP-8-NE-VD**					
Acetone		4.3	J B	9.4	ug/Kg	8260B
Chloroform		0.27	J	0.94	ug/Kg	8260B
Methylene Chloride		0.75	J B	0.94	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		16		5.6	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.0		1.0	%	Moisture
Percent Solids		97.0		1.0	%	Moisture
460-52450-8	**PMP-8-NE-WT**					
1,2,3-Trichlorobenzene		0.31	J	1.0	ug/Kg	8260B
Acetone		1.9	J B	10	ug/Kg	8260B
Chloroform		1.1		1.0	ug/Kg	8260B
Methylene Chloride		0.44	J B	1.0	ug/Kg	8260B
2-Methylnaphthalene		47	J	340	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		9.0		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.2		1.0	%	Moisture
Percent Solids		95.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-9	**PMP-4-NE-VS**					
1,2,3-Trichlorobenzene		0.45	J	0.93	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.79	J	0.93	ug/Kg	8260B
1,2-Dichlorobenzene		0.098	J	0.93	ug/Kg	8260B
1,4-Dichlorobenzene		0.11	J	0.93	ug/Kg	8260B
Acetone		3.4	J B	9.3	ug/Kg	8260B
Methylene Chloride		0.70	J B	0.93	ug/Kg	8260B
Trichloroethene		0.34	J	0.93	ug/Kg	8260B
Aroclor 1248		1200		72	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		460		30	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.7		1.0	%	Moisture
Percent Solids		92.3		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		102		99.7	mg/Kg	SM 4500 Cl- E
460-52450-10	**PMP-4-NE-VD**					
1,2,3-Trichlorobenzene		1.7		1.2	ug/Kg	8260B
1,2,4-Trichlorobenzene		6.1		1.2	ug/Kg	8260B
1,2-Dichlorobenzene		0.24	J	1.2	ug/Kg	8260B
1,4-Dichlorobenzene		0.34	J	1.2	ug/Kg	8260B
2-Butanone		5.0	J	12	ug/Kg	8260B
Acetone		21	B	12	ug/Kg	8260B
Chlorobenzene		0.27	J	1.2	ug/Kg	8260B
Chloroform		4.1		1.2	ug/Kg	8260B
Methylene Chloride		1.1	J B	1.2	ug/Kg	8260B
Tetrachloroethene		0.92	J	1.2	ug/Kg	8260B
Trichloroethene		1.2		1.2	ug/Kg	8260B
Aroclor 1248		280		71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		120		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.4		1.0	%	Moisture
Percent Solids		94.6		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		98.1	J	99.8	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-11	**PMP-22-NE-VS**					
1,2,3-Trichlorobenzene		0.28	J	1.1	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.25	J	1.1	ug/Kg	8260B
1,2-Dichlorobenzene		0.13	J	1.1	ug/Kg	8260B
Chloroform		2.0		1.1	ug/Kg	8260B
Methylene Chloride		1.0	J B	1.1	ug/Kg	8260B
Tetrachloroethene		0.73	J	1.1	ug/Kg	8260B
Trichloroethene		1.4		1.1	ug/Kg	8260B
Aroclor 1248		6300		710	ug/Kg	8082
Aroclor 1260		260	J	710	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		56		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.9		1.0	%	Moisture
Percent Solids		94.1		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		135		99.7	mg/Kg	SM 4500 Cl- E
460-52450-12	**PMP-22-NE-VD**					
Methylene Chloride		0.58	J B	0.99	ug/Kg	8260B
Toluene		0.15	J	0.99	ug/Kg	8260B
Aroclor 1248		79		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		20		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.3		1.0	%	Moisture
Percent Solids		95.7		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		79.5	J	99.8	mg/Kg	SM 4500 Cl- E
460-52450-13	**PMP-22-NE-WT**					
Chloroform		1.4		1.2	ug/Kg	8260B
Methylene Chloride		0.81	J B	1.2	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		17		6.1	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10		1.0	%	Moisture
Percent Solids		90.0		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		83.9	J	99.6	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-14	**PMP-6-NE-VD**					
1,2,3-Trichlorobenzene		1.2		0.96	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.9		0.96	ug/Kg	8260B
1,2-Dichlorobenzene		0.24	J	0.96	ug/Kg	8260B
1,4-Dichlorobenzene		0.35	J	0.96	ug/Kg	8260B
Chlorobenzene		0.24	J	0.96	ug/Kg	8260B
Chloroform		2.5		0.96	ug/Kg	8260B
Methylene Chloride		0.97	B	0.96	ug/Kg	8260B
Tetrachloroethene		0.15	J	0.96	ug/Kg	8260B
Trichloroethene		0.92	J	0.96	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		12		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.8		1.0	%	Moisture
Percent Solids		95.2		1.0	%	Moisture
460-52450-15	**PMP-6-NE-WT**					
1,2,3-Trichlorobenzene		3.5		0.95	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.6		0.95	ug/Kg	8260B
1,2-Dichlorobenzene		0.22	J	0.95	ug/Kg	8260B
1,4-Dichlorobenzene		0.37	J	0.95	ug/Kg	8260B
Acetone		4.2	J B	9.5	ug/Kg	8260B
Chlorobenzene		0.23	J	0.95	ug/Kg	8260B
Chloroform		10		0.95	ug/Kg	8260B
cis-1,2-Dichloroethene		0.51	J	0.95	ug/Kg	8260B
Methylene Chloride		0.82	J B	0.95	ug/Kg	8260B
Tetrachloroethene		0.72	J	0.95	ug/Kg	8260B
Trichloroethene		1.8		0.95	ug/Kg	8260B
Aroclor 1242		4000		370	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		220		6.1	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.4		1.0	%	Moisture
Percent Solids		89.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-16	**PMP-6-NE-SI**					
1,2,4-Trichlorobenzene		850		62	ug/Kg	8260B
Chlorobenzene		47	J	62	ug/Kg	8260B
Chloroform		23	J	62	ug/Kg	8260B
cis-1,2-Dichloroethene		89		62	ug/Kg	8260B
Ethylbenzene		370		62	ug/Kg	8260B
Isopropylbenzene		380		62	ug/Kg	8260B
Methylcyclohexane		1100		62	ug/Kg	8260B
Tetrachloroethene		25	J	62	ug/Kg	8260B
Toluene		18	J	62	ug/Kg	8260B
Trichloroethene		23	J	62	ug/Kg	8260B
Xylenes, Total		1200		190	ug/Kg	8260B
Fluorene		140	J	380	ug/Kg	8270C
Phenanthrene		1500		380	ug/Kg	8270C
Pyrene		81	J	380	ug/Kg	8270C
Aroclor 1242		5300		390	ug/Kg	8082
Aroclor 1260		200	J	390	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1000		32	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.6		1.0	%	Moisture
Percent Solids		86.4		1.0	%	Moisture
460-52450-17	**PMP-5-NE-VD**					
1,2,3-Trichlorobenzene		2.1		1.1	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.2		1.1	ug/Kg	8260B
1,2-Dichlorobenzene		0.30	J	1.1	ug/Kg	8260B
1,3-Dichlorobenzene		0.87	J	1.1	ug/Kg	8260B
1,4-Dichlorobenzene		3.1		1.1	ug/Kg	8260B
Methylene Chloride		1.0	J B	1.1	ug/Kg	8260B
Toluene		0.16	J	1.1	ug/Kg	8260B
2-Methylnaphthalene		65	J	340	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		9.0		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.5		1.0	%	Moisture
Percent Solids		96.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-18	**PMP-5-NE-WT**					
1,2,3-Trichlorobenzene		1600		53	ug/Kg	8260B
1,2,4-Trichlorobenzene		1500		53	ug/Kg	8260B
1,2-Dichlorobenzene		730		53	ug/Kg	8260B
1,3-Dichlorobenzene		480		53	ug/Kg	8260B
1,4-Dichlorobenzene		2300		53	ug/Kg	8260B
Chlorobenzene		35	J	53	ug/Kg	8260B
Chloroform		8.0	J	53	ug/Kg	8260B
Ethylbenzene		63		53	ug/Kg	8260B
Isopropylbenzene		73		53	ug/Kg	8260B
Methylcyclohexane		63		53	ug/Kg	8260B
Tetrachloroethene		8.2	J	53	ug/Kg	8260B
Toluene		31	J	53	ug/Kg	8260B
Xylenes, Total		910		160	ug/Kg	8260B
2-Methylnaphthalene		200	J	360	ug/Kg	8270C
Fluorene		330	J	360	ug/Kg	8270C
Phenanthrene		2200		360	ug/Kg	8270C
Pyrene		150	J	360	ug/Kg	8270C
Aroclor 1242		33000		1500	ug/Kg	8082
Aroclor 1260		8500		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1900		60	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		8.1		1.0	%	Moisture
Percent Solids		91.9		1.0	%	Moisture
460-52450-19	**PMP-5-NE-SI**					
1,2,3-Trichlorobenzene		680		52	ug/Kg	8260B
1,2,4-Trichlorobenzene		320		52	ug/Kg	8260B
1,2-Dichlorobenzene		360		52	ug/Kg	8260B
1,3-Dichlorobenzene		210		52	ug/Kg	8260B
1,4-Dichlorobenzene		1100		52	ug/Kg	8260B
Chlorobenzene		17	J	52	ug/Kg	8260B
Ethylbenzene		180		52	ug/Kg	8260B
Isopropylbenzene		63		52	ug/Kg	8260B
Methylcyclohexane		56		52	ug/Kg	8260B
Tetrachloroethene		20	J	52	ug/Kg	8260B
Toluene		15	J	52	ug/Kg	8260B
Xylenes, Total		750		160	ug/Kg	8260B
Phenanthrene		180	J	380	ug/Kg	8270C
Aroclor 1242		4600		390	ug/Kg	8082
Aroclor 1260		1100		390	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		920		32	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.1		1.0	%	Moisture
Percent Solids		85.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-20	**PMP-7-NE-VD**					
1,2,4-Trichlorobenzene		390		1.3	ug/Kg	8260B
1,2-Dichlorobenzene		4.1		1.3	ug/Kg	8260B
1,3-Dichlorobenzene		20		1.3	ug/Kg	8260B
1,4-Dichlorobenzene		38		1.3	ug/Kg	8260B
Acetone		23	B	13	ug/Kg	8260B
Chloroform		49		1.3	ug/Kg	8260B
cis-1,2-Dichloroethene		0.27	J	1.3	ug/Kg	8260B
Ethylbenzene		0.25	J	1.3	ug/Kg	8260B
Isopropylbenzene		0.23	J	1.3	ug/Kg	8260B
Methylcyclohexane		0.99	J	1.3	ug/Kg	8260B
Methylene Chloride		1.6	B	1.3	ug/Kg	8260B
Tetrachloroethene		3.3		1.3	ug/Kg	8260B
Trichloroethene		3.1		1.3	ug/Kg	8260B
Xylenes, Total		2.7	J	3.8	ug/Kg	8260B
1,2,4-Trichlorobenzene		58		35	ug/Kg	8270C
Pyrene		390		350	ug/Kg	8270C
Aroclor 1242		46000		3500	ug/Kg	8082
Aroclor 1260		4700		3500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2800		58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture
460-52450-21	**PMP-7-NE-WT**					
1,2,3-Trichlorobenzene		2000		45	ug/Kg	8260B
1,2,4-Trichlorobenzene		12000		45	ug/Kg	8260B
1,2-Dichlorobenzene		36	J	45	ug/Kg	8260B
1,3-Dichlorobenzene		310		45	ug/Kg	8260B
1,4-Dichlorobenzene		120		45	ug/Kg	8260B
Chloroform		58		45	ug/Kg	8260B
Methylcyclohexane		27	J	45	ug/Kg	8260B
Trichloroethene		15	J	45	ug/Kg	8260B
Xylenes, Total		57	J	130	ug/Kg	8260B
Phenanthrene		910	J	1800	ug/Kg	8270C
Pyrene		500	J	1800	ug/Kg	8270C
Aroclor 1242		160000		7200	ug/Kg	8082
Aroclor 1260		18000		7200	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4300		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.6		1.0	%	Moisture
Percent Solids		93.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-22	**PMP-7-NE-SI**					
1,1,2-Trichloroethane		22	J	97	ug/Kg	8260B
1,2,3-Trichlorobenzene		2300		97	ug/Kg	8260B
1,2,4-Trichlorobenzene		11000		97	ug/Kg	8260B
1,2-Dichlorobenzene		100		97	ug/Kg	8260B
1,3-Dichlorobenzene		14	J	97	ug/Kg	8260B
1,4-Dichlorobenzene		65	J	97	ug/Kg	8260B
Chloroform		77	J	97	ug/Kg	8260B
Ethylbenzene		160		97	ug/Kg	8260B
Isopropylbenzene		590		97	ug/Kg	8260B
Methylcyclohexane		1100		97	ug/Kg	8260B
Tetrachloroethene		19	J	97	ug/Kg	8260B
Toluene		38	J	97	ug/Kg	8260B
Xylenes, Total		1300		290	ug/Kg	8260B
2-Methylnaphthalene		52	J	390	ug/Kg	8270C
Fluorene		220	J	390	ug/Kg	8270C
Phenanthrene		1300		390	ug/Kg	8270C
Pyrene		280	J	390	ug/Kg	8270C
Aroclor 1242		79000		4000	ug/Kg	8082
Aroclor 1260		9100		4000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1500		66	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		16.4		1.0	%	Moisture
Percent Solids		83.6		1.0	%	Moisture
460-52450-23	**PMP-10-NE-VD**					
1,2-Dichlorobenzene		0.13	J	0.83	ug/Kg	8260B
1,4-Dichlorobenzene		0.78	J	0.83	ug/Kg	8260B
Acetone		9.5	B	8.3	ug/Kg	8260B
Chloroform		6.1		0.83	ug/Kg	8260B
Ethylbenzene		0.27	J	0.83	ug/Kg	8260B
Methylene Chloride		0.77	J B	0.83	ug/Kg	8260B
Tetrachloroethene		2.3		0.83	ug/Kg	8260B
Xylenes, Total		1.7	J	2.5	ug/Kg	8260B
Aroclor 1242		140		72	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		150		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.5		1.0	%	Moisture
Percent Solids		92.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-24	**PMP-10-NE-WT**					
1,2,3-Trichlorobenzene		340		49	ug/Kg	8260B
1,2,4-Trichlorobenzene		620		49	ug/Kg	8260B
Chloroform		12	J	49	ug/Kg	8260B
Ethylbenzene		6.4	J	49	ug/Kg	8260B
Tetrachloroethene		36	J	49	ug/Kg	8260B
Xylenes, Total		100	J	150	ug/Kg	8260B
Aroclor 1242		150		76	ug/Kg	8082
Percent Moisture		12.5		1.0	%	Moisture
Percent Solids		87.5		1.0	%	Moisture
460-52450-25	**PMP-10-NE-SI**					
Chloroform		1.3		1.1	ug/Kg	8260B
Methylene Chloride		0.85	J B	1.1	ug/Kg	8260B
Aroclor 1242		110		75	ug/Kg	8082
Percent Moisture		11.3		1.0	%	Moisture
Percent Solids		88.7		1.0	%	Moisture
460-52450-26	**PMP-10-NE-SD**					
Chloroform		2.2		1.1	ug/Kg	8260B
Methylene Chloride		0.74	J B	1.1	ug/Kg	8260B
Aroclor 1242		75	J	77	ug/Kg	8082
Percent Moisture		12.8		1.0	%	Moisture
Percent Solids		87.2		1.0	%	Moisture
460-52450-27	**PMP-9-NE-VD**					
Aroclor 1242		86		70	ug/Kg	8082
Percent Moisture		4.6		1.0	%	Moisture
Percent Solids		95.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-28	**PMP-9-NE-WT**					
1,2,3-Trichlorobenzene		330		47	ug/Kg	8260B
1,2,4-Trichlorobenzene		1100		47	ug/Kg	8260B
1,2-Dichlorobenzene		14	J	47	ug/Kg	8260B
1,4-Dichlorobenzene		14	J	47	ug/Kg	8260B
Tetrachloroethene		27	J	47	ug/Kg	8260B
Xylenes, Total		120	J	140	ug/Kg	8260B
Pyrene		83	J	360	ug/Kg	8270C
Aroclor 1242		62000		3700	ug/Kg	8082
Aroclor 1260		2300	J	3700	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2200		61	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.2		1.0	%	Moisture
Percent Solids		90.8		1.0	%	Moisture
460-52450-29	**PMP-9-NE-SI**					
1,2,3-Trichlorobenzene		92		48	ug/Kg	8260B
1,2,4-Trichlorobenzene		390		48	ug/Kg	8260B
Isopropylbenzene		7.7	J	48	ug/Kg	8260B
Methylcyclohexane		86		48	ug/Kg	8260B
Tetrachloroethene		12	J	48	ug/Kg	8260B
Phenanthrene		110	J	370	ug/Kg	8270C
Pyrene		31	J	370	ug/Kg	8270C
Aroclor 1242		13000		760	ug/Kg	8082
Aroclor 1260		760		760	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		480		31	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.6		1.0	%	Moisture
Percent Solids		88.4		1.0	%	Moisture
460-52450-30	**PMP-13-NE-VD**					
Methylene Chloride		0.86	J B	0.93	ug/Kg	8260B
Aroclor 1242		100		70	ug/Kg	8082
Percent Moisture		5.1		1.0	%	Moisture
Percent Solids		94.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-31	**PMP-13-NE-WT**					
1,2,3-Trichlorobenzene		580		55	ug/Kg	8260B
1,2,4-Trichlorobenzene		1800		55	ug/Kg	8260B
1,4-Dichlorobenzene		19	J	55	ug/Kg	8260B
Chloroform		9.8	J	55	ug/Kg	8260B
Methylcyclohexane		50	J	55	ug/Kg	8260B
Tetrachloroethene		19	J	55	ug/Kg	8260B
Xylenes, Total		52	J	170	ug/Kg	8260B
Aroclor 1242		86000		3800	ug/Kg	8082
Aroclor 1260		2700	J	3800	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4300		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.8		1.0	%	Moisture
Percent Solids		89.2		1.0	%	Moisture
460-52450-32	**PMP-13-NE-SI**					
Chloroform		10		1.0	ug/Kg	8260B
Ethylbenzene		0.25	J	1.0	ug/Kg	8260B
Methylcyclohexane		1.7		1.0	ug/Kg	8260B
Methylene Chloride		0.91	J B	1.0	ug/Kg	8260B
Toluene		0.32	J	1.0	ug/Kg	8260B
Xylenes, Total		2.2	J	3.1	ug/Kg	8260B
Aroclor 1242		270		79	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		6.5		6.5	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		15.1		1.0	%	Moisture
Percent Solids		84.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-33	**PMP-13-NE-SD**					
1,1-Dichloroethene		2.1		0.97	ug/Kg	8260B
1,2-Dichlorobenzene		1.8		0.97	ug/Kg	8260B
1,4-Dichlorobenzene		0.38	J	0.97	ug/Kg	8260B
2-Butanone		21		9.7	ug/Kg	8260B
Acetone		56	B	9.7	ug/Kg	8260B
Benzene		0.55	J	0.97	ug/Kg	8260B
Carbon disulfide		1.8		0.97	ug/Kg	8260B
Chlorobenzene		21		0.97	ug/Kg	8260B
Chlorobenzene		18	J D	67	ug/Kg	8260B
cis-1,2-Dichloroethene		50		0.97	ug/Kg	8260B
cis-1,2-Dichloroethene		29	J D	67	ug/Kg	8260B
Cyclohexane		0.25	J	0.97	ug/Kg	8260B
Ethylbenzene		31		0.97	ug/Kg	8260B
Ethylbenzene		25	J D	67	ug/Kg	8260B
Isopropylbenzene		0.90	J	0.97	ug/Kg	8260B
Methylene Chloride		0.81	J B	0.97	ug/Kg	8260B
Tetrachloroethene		17		0.97	ug/Kg	8260B
Tetrachloroethene		23	J D	67	ug/Kg	8260B
Toluene		1.2		0.97	ug/Kg	8260B
trans-1,2-Dichloroethene		27		0.97	ug/Kg	8260B
Trichloroethene		1200	E	0.97	ug/Kg	8260B
Trichloroethene		360	D	67	ug/Kg	8260B
Xylenes, Total		8.8		2.9	ug/Kg	8260B
Aroclor 1242		53	J	82	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		45		6.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		19.0		1.0	%	Moisture
Percent Solids		81.0		1.0	%	Moisture
460-52450-34	**PMP-16-NE-VD**					
1,3-Dichlorobenzene		0.52	J	1.2	ug/Kg	8260B
1,4-Dichlorobenzene		10		1.2	ug/Kg	8260B
Chloroform		0.47	J	1.2	ug/Kg	8260B
Ethylbenzene		0.24	J	1.2	ug/Kg	8260B
Methylene Chloride		1.2	B	1.2	ug/Kg	8260B
Tetrachloroethene		0.29	J	1.2	ug/Kg	8260B
Xylenes, Total		1.1	J	3.5	ug/Kg	8260B
Aroclor 1242		48	J	71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7.1		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.1		1.0	%	Moisture
Percent Solids		93.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-35	**PMP-16-NE-WT**					
1,2,4-Trichlorobenzene		93		39	ug/Kg	8260B
1,2-Dichlorobenzene		23	J	39	ug/Kg	8260B
1,3-Dichlorobenzene		22	J	39	ug/Kg	8260B
1,4-Dichlorobenzene		210		39	ug/Kg	8260B
Methylcyclohexane		350		39	ug/Kg	8260B
Xylenes, Total		120		120	ug/Kg	8260B
Phenanthrene		1300		370	ug/Kg	8270C
Pyrene		170	J	370	ug/Kg	8270C
Aroclor 1242		18000		1500	ug/Kg	8082
Aroclor 1260		2300		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2100		62	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.6		1.0	%	Moisture
Percent Solids		88.4		1.0	%	Moisture
460-52450-36	**PMP-16-NE-SI**					
1,2-Dichlorobenzene		3.6		1.0	ug/Kg	8260B
1,3-Dichlorobenzene		1.3		1.0	ug/Kg	8260B
1,4-Dichlorobenzene		15		1.0	ug/Kg	8260B
Carbon disulfide		7.6		1.0	ug/Kg	8260B
Ethylbenzene		140		1.0	ug/Kg	8260B
Isopropylbenzene		32		1.0	ug/Kg	8260B
Methylcyclohexane		83		1.0	ug/Kg	8260B
Toluene		1.4		1.0	ug/Kg	8260B
Xylenes, Total		63		3.1	ug/Kg	8260B
Phenanthrene		100	J	390	ug/Kg	8270C
Aroclor 1242		270		78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		34		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.3		1.0	%	Moisture
Percent Solids		85.7		1.0	%	Moisture
460-52450-37	**PMP-15-NE-VD**					
1,2,3-Trichlorobenzene		0.46	J	0.90	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.4		0.90	ug/Kg	8260B
Acetone		32	B	9.0	ug/Kg	8260B
Chloroethane		0.37	J	0.90	ug/Kg	8260B
Chloroform		0.67	J	0.90	ug/Kg	8260B
Chloromethane		1.2		0.90	ug/Kg	8260B
Methylene Chloride		0.80	J B	0.90	ug/Kg	8260B
Tetrachloroethene		0.38	J	0.90	ug/Kg	8260B
Trichloroethene		0.32	J	0.90	ug/Kg	8260B
Aroclor 1242		88		72	ug/Kg	8082
Percent Moisture		7.3		1.0	%	Moisture
Percent Solids		92.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-38	**PMP-15-NE-WT**					
1,2,3-Trichlorobenzene		2.5		0.95	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.1		0.95	ug/Kg	8260B
2-Butanone		1.0	J	9.5	ug/Kg	8260B
Acetone		4.8	J B	9.5	ug/Kg	8260B
cis-1,2-Dichloroethene		0.34	J	0.95	ug/Kg	8260B
Methylene Chloride		1.0	B	0.95	ug/Kg	8260B
Aroclor 1242		81		75	ug/Kg	8082
Percent Moisture		10.6		1.0	%	Moisture
Percent Solids		89.4		1.0	%	Moisture
460-52450-39	**PMP-15-NE-SI**					
Chloroform		0.73	J	0.87	ug/Kg	8260B
Methylene Chloride		0.82	J B	0.87	ug/Kg	8260B
Aroclor 1242		52	J	75	ug/Kg	8082
Percent Moisture		10.4		1.0	%	Moisture
Percent Solids		89.6		1.0	%	Moisture
460-52450-40	**PMP-15-NE-SD**					
1,2,3-Trichlorobenzene		370		49	ug/Kg	8260B
1,2,4-Trichlorobenzene		1700		49	ug/Kg	8260B
1,2-Dichlorobenzene		17	J	49	ug/Kg	8260B
1,4-Dichlorobenzene		16	J	49	ug/Kg	8260B
Ethylbenzene		7.2	J	49	ug/Kg	8260B
Isopropylbenzene		13	J	49	ug/Kg	8260B
Methylcyclohexane		97		49	ug/Kg	8260B
Tetrachloroethene		54		49	ug/Kg	8260B
Toluene		7.5	J	49	ug/Kg	8260B
Trichloroethene		22	J	49	ug/Kg	8260B
Xylenes, Total		150		150	ug/Kg	8260B
Pyrene		160	J	1800	ug/Kg	8270C
Aroclor 1242		30000		1500	ug/Kg	8082
Aroclor 1260		4700		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1900		61	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.9		1.0	%	Moisture
Percent Solids		90.1		1.0	%	Moisture
460-52450-41	**PMP-28-NE-VD**					
Methylene Chloride		1.9	B	1.0	ug/Kg	8260B
Percent Moisture		4.4		1.0	%	Moisture
Percent Solids		95.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-42	**PMP-28-NE-WT**					
1,2,3-Trichlorobenzene		44		0.86	ug/Kg	8260B
1,2,4-Trichlorobenzene		300		0.86	ug/Kg	8260B
1,2-Dichlorobenzene		1.9		0.86	ug/Kg	8260B
1,3-Dichlorobenzene		2.3		0.86	ug/Kg	8260B
1,4-Dichlorobenzene		12		0.86	ug/Kg	8260B
2-Butanone		300		8.6	ug/Kg	8260B
2-Hexanone		620		8.6	ug/Kg	8260B
4-Methyl-2-pentanone		51		8.6	ug/Kg	8260B
Acetone		730	B	8.6	ug/Kg	8260B
Benzene		0.68	J	0.86	ug/Kg	8260B
Chlorobenzene		1.7		0.86	ug/Kg	8260B
Chloroethane		0.43	J	0.86	ug/Kg	8260B
Chloroform		0.96		0.86	ug/Kg	8260B
Cyclohexane		1.4		0.86	ug/Kg	8260B
Ethylbenzene		0.90		0.86	ug/Kg	8260B
Methylcyclohexane		3.4		0.86	ug/Kg	8260B
Tetrachloroethene		19		0.86	ug/Kg	8260B
Toluene		2.7		0.86	ug/Kg	8260B
Trichloroethene		2.9		0.86	ug/Kg	8260B
Xylenes, Total		2.3	J	2.6	ug/Kg	8260B
Aroclor 1242		15000		740	ug/Kg	8082
Aroclor 1260		3000		740	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2200		60	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		8.9		1.0	%	Moisture
Percent Solids		91.1		1.0	%	Moisture
460-52450-43	**PMP-28-NE-SI**					
1,2,4-Trichlorobenzene		16		0.84	ug/Kg	8260B
1,4-Dichlorobenzene		0.22	J	0.84	ug/Kg	8260B
2-Butanone		13		8.4	ug/Kg	8260B
Acetone		63	B	8.4	ug/Kg	8260B
Carbon disulfide		1.8		0.84	ug/Kg	8260B
Ethylbenzene		0.15	J	0.84	ug/Kg	8260B
Isopropylbenzene		0.13	J	0.84	ug/Kg	8260B
Methylcyclohexane		0.24	J	0.84	ug/Kg	8260B
Methylene Chloride		0.66	J B	0.84	ug/Kg	8260B
Xylenes, Total		1.3	J	2.5	ug/Kg	8260B
Aroclor 1248		110		77	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		12		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.0		1.0	%	Moisture
Percent Solids		87.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-52450-44	**PMP-28-NE-SD**					
1,2,4-Trichlorobenzene		1.3		1.0	ug/Kg	8260B
2-Butanone		1.8	J	10	ug/Kg	8260B
Acetone		5.3	J B	10	ug/Kg	8260B
Methylene Chloride		0.86	J B	1.0	ug/Kg	8260B
Aroclor 1248		57	J	76	ug/Kg	8082
Percent Moisture		12.1		1.0	%	Moisture
Percent Solids		87.9		1.0	%	Moisture
460-52450-46TB	**TRIP BLANK**					
Methylene Chloride		1.0	B	1.0	ug/Kg	8260B
Acetone		5.3	J B	10	ug/Kg	8260B

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-52450-1

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
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Microwave Extraction	TAL EDI		SW846 3546
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Microwave Extraction	TAL EDI		SW846 3546
Percent Moisture	TAL EDI	EPA Moisture	
Chloride, Total	TAL EDI	SM SM 4500 Cl- E	
ASTM Leaching Procedure	TAL EDI		ASTM D3987-85
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
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Chloride	TAL EDI	SM SM 4500 Cl- B	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

METHOD / ANALYST SUMMARY

Client: Antea USA, Inc. Job Number: 460-52450-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Zhao, Chunxin	CZ
SW846 8082	Boykin, Carol B	CBB
SW846 8082	Kapoor, Sita	SK
SW846 8082	Patel, Jignesh	JP
NJDEP NJ-OQA-QAM-025	Kim, Ho	HK
NJDEP NJ-OQA-QAM-025	Nimer, Diaa	DN
EPA Moisture	Armbruster, Chris	CHA
SM SM 4500 Cl- B	Vu, Huan	HV
SM SM 4500 Cl- E	Cabanganan, Maria	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30794.d
Dilution:	1.0			Initial Weight/Volume:	3.8 g
Analysis Date:	03/22/2013 1439			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1802				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.18	U	0.18	1.4
1,1,2,2-Tetrachloroethane		0.12	U	0.12	1.4
1,1,2-Trichloroethane		0.19	U	0.19	1.4
1,1-Dichloroethane		0.15	U	0.15	1.4
1,1-Dichloroethene		0.26	U	0.26	1.4
1,2,3-Trichlorobenzene		0.22	U	0.22	1.4
1,2,4-Trichlorobenzene		0.26	U	0.26	1.4
1,2-Dibromo-3-Chloropropane		0.61	U	0.61	1.4
1,2-Dibromoethane		0.21	U	0.21	1.4
1,2-Dichlorobenzene		0.14	U	0.14	1.4
1,2-Dichloroethane		0.25	U	0.25	1.4
1,2-Dichloropropane		0.21	U	0.21	1.4
1,3-Dichlorobenzene		0.22	U	0.22	1.4
1,4-Dichlorobenzene		0.15	U	0.15	1.4
1,4-Dioxane		17	U	17	69
2-Butanone		0.87	U	0.87	14
2-Hexanone		0.18	U *	0.18	14
4-Methyl-2-pentanone		0.28	U	0.28	14
Acetone		2.3	U	2.3	14
Benzene		0.21	U	0.21	1.4
Bromochloromethane		0.15	U	0.15	1.4
Bromodichloromethane		0.44	U	0.44	1.4
Bromoform		0.23	U	0.23	1.4
Bromomethane		0.59	U	0.59	1.4
Carbon disulfide		0.21	U	0.21	1.4
Carbon tetrachloride		0.21	U	0.21	1.4
Chlorobenzene		0.25	U	0.25	1.4
Chloroethane		0.45	U	0.45	1.4
Chloroform		0.33	U	0.33	1.4
Chloromethane		0.22	U	0.22	1.4
cis-1,2-Dichloroethene		0.15	U	0.15	1.4
cis-1,3-Dichloropropene		0.19	U	0.19	1.4
Cyclohexane		0.18	U	0.18	1.4
Dibromochloromethane		0.14	U	0.14	1.4
Dichlorodifluoromethane		0.30	U	0.30	1.4
Ethylbenzene		0.23	U	0.23	1.4
Freon TF		0.15	U	0.15	1.4
Isopropylbenzene		0.15	U	0.15	1.4
Methyl acetate		0.44	U	0.44	1.4
Methylcyclohexane		0.14	U	0.14	1.4
Methylene Chloride		0.69	J B	0.21	1.4
MTBE		0.15	U	0.15	1.4
Styrene		0.39	U	0.39	1.4
Tetrachloroethene		0.17	U	0.17	1.4
Toluene		0.19	U	0.19	1.4
trans-1,2-Dichloroethene		0.18	U	0.18	1.4

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30794.d
Dilution:	1.0			Initial Weight/Volume:	3.8 g
Analysis Date:	03/22/2013 1439			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1802				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.14	U	0.14	1.4
Trichloroethene		0.17	U	0.17	1.4
Trichlorofluoromethane		0.22	U	0.22	1.4
Vinyl chloride		0.47	U	0.47	1.4
Xylenes, Total		0.92	U	0.92	4.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30794.d
Dilution:	1.0			Initial Weight/Volume:	3.8 g
Analysis Date:	03/22/2013 1439			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1802				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30795.d
Dilution:	1.0			Initial Weight/Volume:	5.11 g
Analysis Date:	03/22/2013 1502			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1804				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.099	U	0.099	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2-Dibromo-3-Chloropropane		0.48	U	0.48	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.20	U	0.20	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		14	U	14	55
2-Butanone		0.69	U	0.69	11
2-Hexanone		0.14	U *	0.14	11
4-Methyl-2-pentanone		0.22	U	0.22	11
Acetone		1.9	U	1.9	11
Benzene		0.17	U	0.17	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1
Bromoform		0.19	U	0.19	1.1
Bromomethane		0.47	U	0.47	1.1
Carbon disulfide		0.17	U	0.17	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Chlorobenzene		0.20	U	0.20	1.1
Chloroethane		0.36	U	0.36	1.1
Chloroform		0.26	U	0.26	1.1
Chloromethane		0.18	U	0.18	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Ethylbenzene		0.19	U	0.19	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		0.85	J B	0.17	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.31	U	0.31	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30795.d
Dilution:	1.0			Initial Weight/Volume:	5.11 g
Analysis Date:	03/22/2013 1502			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1804				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
Vinyl chloride		0.37	U	0.37	1.1
Xylenes, Total		0.74	U	0.74	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	91		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30795.d
Dilution:	1.0			Initial Weight/Volume:	5.11 g
Analysis Date:	03/22/2013 1502			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1804				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30796.d
Dilution:	1.0			Initial Weight/Volume:	4.9 g
Analysis Date:	03/22/2013 1525			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2-Dibromo-3-Chloropropane		0.50	U	0.50	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.20	U	0.20	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		14	U	14	56
2-Butanone		0.71	U	0.71	11
2-Hexanone		0.15	U *	0.15	11
4-Methyl-2-pentanone		0.23	U	0.23	11
Acetone		1.9	U	1.9	11
Benzene		0.17	U	0.17	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1
Bromoform		0.19	U	0.19	1.1
Bromomethane		0.48	U	0.48	1.1
Carbon disulfide		0.17	U	0.17	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Chlorobenzene		0.20	U	0.20	1.1
Chloroethane		0.37	U	0.37	1.1
Chloroform		0.27	U	0.27	1.1
Chloromethane		0.18	U	0.18	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
Cyclohexane		0.15	U	0.15	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Ethylbenzene		0.19	U	0.19	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		0.88	J B	0.17	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.32	U	0.32	1.1
Tetrachloroethene		0.14	U	0.14	1.1
Toluene		0.16	U	0.16	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30796.d
Dilution:	1.0			Initial Weight/Volume:	4.9 g
Analysis Date:	03/22/2013 1525			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.14	U	0.14	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
Vinyl chloride		0.38	U	0.38	1.1
Xylenes, Total		0.76	U	0.76	3.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	94		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30796.d
Dilution:	1.0			Initial Weight/Volume:	4.9 g
Analysis Date:	03/22/2013 1525			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30797.d
Dilution:	1.0			Initial Weight/Volume:	5.44 g
Analysis Date:	03/22/2013 1548			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1810				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	0.98
1,1,2,2-Tetrachloroethane		0.088	U	0.088	0.98
1,1,2-Trichloroethane		0.14	U	0.14	0.98
1,1-Dichloroethane		0.11	U	0.11	0.98
1,1-Dichloroethene		0.19	U	0.19	0.98
1,2,3-Trichlorobenzene		0.60	J	0.16	0.98
1,2,4-Trichlorobenzene		0.63	J	0.19	0.98
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.98
1,2-Dibromoethane		0.15	U	0.15	0.98
1,2-Dichlorobenzene		0.098	U	0.098	0.98
1,2-Dichloroethane		0.18	U	0.18	0.98
1,2-Dichloropropane		0.15	U	0.15	0.98
1,3-Dichlorobenzene		0.16	U	0.16	0.98
1,4-Dichlorobenzene		0.11	U	0.11	0.98
1,4-Dioxane		12	U	12	49
2-Butanone		0.62	U	0.62	9.8
2-Hexanone		0.13	U *	0.13	9.8
4-Methyl-2-pentanone		0.20	U	0.20	9.8
Acetone		9.3	J B	1.7	9.8
Benzene		0.15	U	0.15	0.98
Bromochloromethane		0.11	U	0.11	0.98
Bromodichloromethane		0.31	U	0.31	0.98
Bromoform		0.17	U	0.17	0.98
Bromomethane		0.42	U	0.42	0.98
Carbon disulfide		0.15	U	0.15	0.98
Carbon tetrachloride		0.15	U	0.15	0.98
Chlorobenzene		0.18	U	0.18	0.98
Chloroethane		0.32	U	0.32	0.98
Chloroform		4.1		0.23	0.98
Chloromethane		0.16	U	0.16	0.98
cis-1,2-Dichloroethene		0.16	J	0.11	0.98
cis-1,3-Dichloropropene		0.14	U	0.14	0.98
Cyclohexane		0.13	U	0.13	0.98
Dibromochloromethane		0.098	U	0.098	0.98
Dichlorodifluoromethane		0.21	U	0.21	0.98
Ethylbenzene		0.17	U	0.17	0.98
Freon TF		0.11	U	0.11	0.98
Isopropylbenzene		0.11	U	0.11	0.98
Methyl acetate		0.31	U	0.31	0.98
Methylcyclohexane		0.098	U	0.098	0.98
Methylene Chloride		5.4	B	0.15	0.98
MTBE		0.11	U	0.11	0.98
Styrene		0.27	U	0.27	0.98
Tetrachloroethene		0.34	J	0.12	0.98
Toluene		0.14	U	0.14	0.98
trans-1,2-Dichloroethene		0.13	U	0.13	0.98

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30797.d
Dilution:	1.0			Initial Weight/Volume:	5.44 g
Analysis Date:	03/22/2013 1548			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1810				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.098	U	0.098	0.98
Trichloroethene		0.92	J	0.12	0.98
Trichlorofluoromethane		0.16	U	0.16	0.98
Vinyl chloride		0.33	U	0.33	0.98
Xylenes, Total		0.65	U	0.65	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	105		70 - 130
Bromofluorobenzene	112		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30797.d
Dilution:	1.0			Initial Weight/Volume:	5.44 g
Analysis Date:	03/22/2013 1548			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1810				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30816.d
Dilution:	1.0			Initial Weight/Volume:	6.01 g
Analysis Date:	03/23/2013 0113			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.12	U	0.12	0.89
1,1,2,2-Tetrachloroethane		0.080	U	0.080	0.89
1,1,2-Trichloroethane		0.12	U	0.12	0.89
1,1-Dichloroethane		0.098	U	0.098	0.89
1,1-Dichloroethene		0.17	U	0.17	0.89
1,2,3-Trichlorobenzene		0.17	J	0.14	0.89
1,2,4-Trichlorobenzene		0.17	U	0.17	0.89
1,2-Dibromo-3-Chloropropane		0.39	U	0.39	0.89
1,2-Dibromoethane		0.13	U	0.13	0.89
1,2-Dichlorobenzene		0.089	U	0.089	0.89
1,2-Dichloroethane		0.16	U	0.16	0.89
1,2-Dichloropropane		0.13	U	0.13	0.89
1,3-Dichlorobenzene		0.14	U	0.14	0.89
1,4-Dichlorobenzene		0.11	J	0.098	0.89
1,4-Dioxane		11	U	11	44
2-Butanone		0.56	U *	0.56	8.9
2-Hexanone		0.12	U	0.12	8.9
4-Methyl-2-pentanone		0.18	U	0.18	8.9
Acetone		1.5	U	1.5	8.9
Benzene		0.13	U	0.13	0.89
Bromochloromethane		0.098	U	0.098	0.89
Bromodichloromethane		0.28	U	0.28	0.89
Bromoform		0.15	U	0.15	0.89
Bromomethane		0.38	U	0.38	0.89
Carbon disulfide		0.13	U	0.13	0.89
Carbon tetrachloride		0.13	U	0.13	0.89
Chlorobenzene		0.16	U	0.16	0.89
Chloroethane		0.29	U	0.29	0.89
Chloroform		2.1		0.21	0.89
Chloromethane		0.14	U	0.14	0.89
cis-1,2-Dichloroethene		0.098	U	0.098	0.89
cis-1,3-Dichloropropene		0.12	U	0.12	0.89
Cyclohexane		0.12	U *	0.12	0.89
Dibromochloromethane		0.089	U	0.089	0.89
Dichlorodifluoromethane		0.20	U	0.20	0.89
Ethylbenzene		0.41	J	0.15	0.89
Freon TF		0.098	U	0.098	0.89
Isopropylbenzene		0.098	U	0.098	0.89
Methyl acetate		0.28	U	0.28	0.89
Methylcyclohexane		0.089	U	0.089	0.89
Methylene Chloride		0.48	J B	0.13	0.89
MTBE		0.098	U	0.098	0.89
Styrene		0.25	U	0.25	0.89
Tetrachloroethene		0.11	U	0.11	0.89
Toluene		0.12	U	0.12	0.89
trans-1,2-Dichloroethene		0.12	U	0.12	0.89

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30816.d
Dilution:	1.0			Initial Weight/Volume:	6.01 g
Analysis Date:	03/23/2013 0113			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.089	U	0.089	0.89
Trichloroethene		0.11	U	0.11	0.89
Trichlorofluoromethane		0.14	U	0.14	0.89
Vinyl chloride		0.30	U	0.30	0.89
Xylenes, Total		3.7		0.59	2.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	87		70 - 130
Bromofluorobenzene	104		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30816.d
Dilution:	1.0			Initial Weight/Volume:	6.01 g
Analysis Date:	03/23/2013 0113			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30817.d
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	03/23/2013 0136			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1815				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	0.97
1,1,2,2-Tetrachloroethane		0.087	U	0.087	0.97
1,1,2-Trichloroethane		0.14	U	0.14	0.97
1,1-Dichloroethane		0.11	U	0.11	0.97
1,1-Dichloroethene		0.18	U	0.18	0.97
1,2,3-Trichlorobenzene		0.21	J	0.15	0.97
1,2,4-Trichlorobenzene		0.20	J	0.18	0.97
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.97
1,2-Dibromoethane		0.15	U	0.15	0.97
1,2-Dichlorobenzene		0.097	U	0.097	0.97
1,2-Dichloroethane		0.17	U	0.17	0.97
1,2-Dichloropropane		0.15	U	0.15	0.97
1,3-Dichlorobenzene		0.15	U	0.15	0.97
1,4-Dichlorobenzene		0.11	U	0.11	0.97
1,4-Dioxane		12	U	12	48
2-Butanone		0.61	U *	0.61	9.7
2-Hexanone		0.13	U	0.13	9.7
4-Methyl-2-pentanone		0.19	U	0.19	9.7
Acetone		15	B	1.6	9.7
Benzene		0.15	U	0.15	0.97
Bromochloromethane		0.11	U	0.11	0.97
Bromodichloromethane		0.31	U	0.31	0.97
Bromoform		0.16	U	0.16	0.97
Bromomethane		0.42	U	0.42	0.97
Carbon disulfide		0.15	U	0.15	0.97
Carbon tetrachloride		0.15	U	0.15	0.97
Chlorobenzene		0.17	U	0.17	0.97
Chloroethane		0.32	U	0.32	0.97
Chloroform		0.23	U	0.23	0.97
Chloromethane		0.15	U	0.15	0.97
cis-1,2-Dichloroethene		0.11	U	0.11	0.97
cis-1,3-Dichloropropene		0.14	U	0.14	0.97
Cyclohexane		0.13	U *	0.13	0.97
Dibromochloromethane		0.097	U	0.097	0.97
Dichlorodifluoromethane		0.21	U	0.21	0.97
Ethylbenzene		7.4		0.16	0.97
Freon TF		0.11	U	0.11	0.97
Isopropylbenzene		0.27	J	0.11	0.97
Methyl acetate		0.31	U	0.31	0.97
Methylcyclohexane		0.097	U	0.097	0.97
Methylene Chloride		2.0	B	0.15	0.97
MTBE		0.11	U	0.11	0.97
Styrene		0.27	U	0.27	0.97
Tetrachloroethene		0.12	U	0.12	0.97
Toluene		0.39	J	0.14	0.97
trans-1,2-Dichloroethene		0.13	U	0.13	0.97

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30817.d
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	03/23/2013 0136			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1815				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.097	U	0.097	0.97
Trichloroethene		0.12	U	0.12	0.97
Trichlorofluoromethane		0.15	U	0.15	0.97
Vinyl chloride		0.33	U	0.33	0.97
Xylenes, Total		63		0.65	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	118		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30817.d
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	03/23/2013 0136			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1815				

Tentatively Identified Compounds **Number TIC's Found:** **5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C9H18 Cycloalkane	6.93	6.5	J
	C9H18 Cycloalkane-1	7.09	9.4	J
	C9H18 Cycloalkane-2	7.34	9.2	J
	C9H20 Alkane	7.42	5.0	J
	C9H18 Cycloalkane-3	7.74	5.1	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30837.d
Dilution:	1.0			Initial Weight/Volume:	5.46 g
Analysis Date:	03/23/2013 0919			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1819				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.12	U	0.12	0.94
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.94
1,1,2-Trichloroethane		0.13	U	0.13	0.94
1,1-Dichloroethane		0.10	U	0.10	0.94
1,1-Dichloroethene		0.18	U	0.18	0.94
1,2,3-Trichlorobenzene		0.15	U	0.15	0.94
1,2,4-Trichlorobenzene		0.18	U	0.18	0.94
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.94
1,2-Dibromoethane		0.14	U	0.14	0.94
1,2-Dichlorobenzene		0.094	U	0.094	0.94
1,2-Dichloroethane		0.17	U	0.17	0.94
1,2-Dichloropropane		0.14	U	0.14	0.94
1,3-Dichlorobenzene		0.15	U	0.15	0.94
1,4-Dichlorobenzene		0.10	U	0.10	0.94
1,4-Dioxane		12	U	12	47
2-Butanone		0.59	U	0.59	9.4
2-Hexanone		0.12	U	0.12	9.4
4-Methyl-2-pentanone		0.19	U	0.19	9.4
Acetone		4.3	J B	1.6	9.4
Benzene		0.14	U	0.14	0.94
Bromochloromethane		0.10	U	0.10	0.94
Bromodichloromethane		0.30	U	0.30	0.94
Bromoform		0.16	U	0.16	0.94
Bromomethane		0.41	U	0.41	0.94
Carbon disulfide		0.14	U	0.14	0.94
Carbon tetrachloride		0.14	U	0.14	0.94
Chlorobenzene		0.17	U	0.17	0.94
Chloroethane		0.31	U	0.31	0.94
Chloroform		0.27	J	0.23	0.94
Chloromethane		0.15	U	0.15	0.94
cis-1,2-Dichloroethene		0.10	U	0.10	0.94
cis-1,3-Dichloropropene		0.13	U	0.13	0.94
Cyclohexane		0.12	U	0.12	0.94
Dibromochloromethane		0.094	U	0.094	0.94
Dichlorodifluoromethane		0.21	U	0.21	0.94
Ethylbenzene		0.16	U	0.16	0.94
Freon TF		0.10	U	0.10	0.94
Isopropylbenzene		0.10	U	0.10	0.94
Methyl acetate		0.30	U	0.30	0.94
Methylcyclohexane		0.094	U	0.094	0.94
Methylene Chloride		0.75	J B	0.14	0.94
MTBE		0.10	U	0.10	0.94
Styrene		0.26	U	0.26	0.94
Tetrachloroethene		0.11	U	0.11	0.94
Toluene		0.13	U	0.13	0.94
trans-1,2-Dichloroethene		0.12	U	0.12	0.94

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30837.d
Dilution:	1.0			Initial Weight/Volume:	5.46 g
Analysis Date:	03/23/2013 0919			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1819				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.094	U	0.094	0.94
Trichloroethene		0.11	U	0.11	0.94
Trichlorofluoromethane		0.15	U	0.15	0.94
Vinyl chloride		0.32	U	0.32	0.94
Xylenes, Total		0.63	U	0.63	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	106		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30837.d
Dilution:	1.0			Initial Weight/Volume:	5.46 g
Analysis Date:	03/23/2013 0919			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1819				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30819.d
Dilution:	1.0			Initial Weight/Volume:	5.07 g
Analysis Date:	03/23/2013 0222			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1821				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.31	J	0.16	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,2-Dichloroethane		0.19	U	0.19	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,4-Dioxane		13	U	13	51
2-Butanone		0.65	U *	0.65	10
2-Hexanone		0.13	U	0.13	10
4-Methyl-2-pentanone		0.21	U	0.21	10
Acetone		1.9	J B	1.7	10
Benzene		0.15	U	0.15	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0
Bromoform		0.18	U	0.18	1.0
Bromomethane		0.44	U	0.44	1.0
Carbon disulfide		0.15	U	0.15	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Chlorobenzene		0.19	U	0.19	1.0
Chloroethane		0.34	U	0.34	1.0
Chloroform		1.1		0.25	1.0
Chloromethane		0.16	U	0.16	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
Cyclohexane		0.13	U *	0.13	1.0
Dibromochloromethane		0.10	U	0.10	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Ethylbenzene		0.18	U	0.18	1.0
Freon TF		0.11	U	0.11	1.0
Isopropylbenzene		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Methylene Chloride		0.44	J B	0.15	1.0
MTBE		0.11	U	0.11	1.0
Styrene		0.29	U	0.29	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30819.d
Dilution:	1.0			Initial Weight/Volume:	5.07 g
Analysis Date:	03/23/2013 0222			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1821				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
Trichloroethene		0.12	U	0.12	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
Vinyl chloride		0.35	U	0.35	1.0
Xylenes, Total		0.69	U	0.69	3.1

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

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30819.d
Dilution:	1.0			Initial Weight/Volume:	5.07 g
Analysis Date:	03/23/2013 0222			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1821				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30802.d
Dilution:	1.0			Initial Weight/Volume:	5.85 g
Analysis Date:	03/22/2013 1742			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1823				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.12	U	0.12	0.93
1,1,2,2-Tetrachloroethane		0.083	U	0.083	0.93
1,1,2-Trichloroethane		0.13	U	0.13	0.93
1,1-Dichloroethane		0.10	U	0.10	0.93
1,1-Dichloroethene		0.18	U	0.18	0.93
1,2,3-Trichlorobenzene		0.45	J	0.15	0.93
1,2,4-Trichlorobenzene		0.79	J	0.18	0.93
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.93
1,2-Dibromoethane		0.14	U	0.14	0.93
1,2-Dichlorobenzene		0.098	J	0.093	0.93
1,2-Dichloroethane		0.17	U	0.17	0.93
1,2-Dichloropropane		0.14	U	0.14	0.93
1,3-Dichlorobenzene		0.15	U	0.15	0.93
1,4-Dichlorobenzene		0.11	J	0.10	0.93
1,4-Dioxane		12	U	12	46
2-Butanone		0.58	U	0.58	9.3
2-Hexanone		0.12	U *	0.12	9.3
4-Methyl-2-pentanone		0.19	U	0.19	9.3
Acetone		3.4	J B	1.6	9.3
Benzene		0.14	U	0.14	0.93
Bromochloromethane		0.10	U	0.10	0.93
Bromodichloromethane		0.30	U	0.30	0.93
Bromoform		0.16	U	0.16	0.93
Bromomethane		0.40	U	0.40	0.93
Carbon disulfide		0.14	U	0.14	0.93
Carbon tetrachloride		0.14	U	0.14	0.93
Chlorobenzene		0.17	U	0.17	0.93
Chloroethane		0.31	U	0.31	0.93
Chloroform		0.22	U	0.22	0.93
Chloromethane		0.15	U	0.15	0.93
cis-1,2-Dichloroethene		0.10	U	0.10	0.93
cis-1,3-Dichloropropene		0.13	U	0.13	0.93
Cyclohexane		0.12	U	0.12	0.93
Dibromochloromethane		0.093	U	0.093	0.93
Dichlorodifluoromethane		0.20	U	0.20	0.93
Ethylbenzene		0.16	U	0.16	0.93
Freon TF		0.10	U	0.10	0.93
Isopropylbenzene		0.10	U	0.10	0.93
Methyl acetate		0.30	U	0.30	0.93
Methylcyclohexane		0.093	U	0.093	0.93
Methylene Chloride		0.70	J B	0.14	0.93
MTBE		0.10	U	0.10	0.93
Styrene		0.26	U	0.26	0.93
Tetrachloroethene		0.11	U	0.11	0.93
Toluene		0.13	U	0.13	0.93
trans-1,2-Dichloroethene		0.12	U	0.12	0.93

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30802.d
Dilution:	1.0			Initial Weight/Volume:	5.85 g
Analysis Date:	03/22/2013 1742			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1823				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.093	U	0.093	0.93
Trichloroethene		0.34	J	0.11	0.93
Trichlorofluoromethane		0.15	U	0.15	0.93
Vinyl chloride		0.31	U	0.31	0.93
Xylenes, Total		0.62	U	0.62	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	100		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30802.d
Dilution:	1.0			Initial Weight/Volume:	5.85 g
Analysis Date:	03/22/2013 1742			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1823				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tetrachlorobenzene isomer	12.96	4.8	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30803.d
Dilution:	1.0			Initial Weight/Volume:	4.23 g
Analysis Date:	03/22/2013 1805			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1826				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.16	U	0.16	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2
1,1-Dichloroethane		0.14	U	0.14	1.2
1,1-Dichloroethene		0.24	U	0.24	1.2
1,2,3-Trichlorobenzene		1.7		0.20	1.2
1,2,4-Trichlorobenzene		6.1		0.24	1.2
1,2-Dibromo-3-Chloropropane		0.55	U	0.55	1.2
1,2-Dibromoethane		0.19	U	0.19	1.2
1,2-Dichlorobenzene		0.24	J	0.12	1.2
1,2-Dichloroethane		0.22	U	0.22	1.2
1,2-Dichloropropane		0.19	U	0.19	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.34	J	0.14	1.2
1,4-Dioxane		16	U	16	62
2-Butanone		5.0	J	0.79	12
2-Hexanone		0.16	U *	0.16	12
4-Methyl-2-pentanone		0.25	U	0.25	12
Acetone		21	B	2.1	12
Benzene		0.19	U	0.19	1.2
Bromochloromethane		0.14	U	0.14	1.2
Bromodichloromethane		0.40	U	0.40	1.2
Bromoform		0.21	U	0.21	1.2
Bromomethane		0.54	U	0.54	1.2
Carbon disulfide		0.19	U	0.19	1.2
Carbon tetrachloride		0.19	U	0.19	1.2
Chlorobenzene		0.27	J	0.22	1.2
Chloroethane		0.41	U	0.41	1.2
Chloroform		4.1		0.30	1.2
Chloromethane		0.20	U	0.20	1.2
cis-1,2-Dichloroethene		0.14	U	0.14	1.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
Cyclohexane		0.16	U	0.16	1.2
Dibromochloromethane		0.12	U	0.12	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Ethylbenzene		0.21	U	0.21	1.2
Freon TF		0.14	U	0.14	1.2
Isopropylbenzene		0.14	U	0.14	1.2
Methyl acetate		0.40	U	0.40	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Methylene Chloride		1.1	J B	0.19	1.2
MTBE		0.14	U	0.14	1.2
Styrene		0.35	U	0.35	1.2
Tetrachloroethene		0.92	J	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30803.d
Dilution:	1.0			Initial Weight/Volume:	4.23 g
Analysis Date:	03/22/2013 1805			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1826				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Trichloroethene		1.2		0.15	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
Vinyl chloride		0.42	U	0.42	1.2
Xylenes, Total		0.84	U	0.84	3.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	102		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30803.d
Dilution:	1.0			Initial Weight/Volume:	4.23 g
Analysis Date:	03/22/2013 1805			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1826				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30804.d
Dilution:	1.0			Initial Weight/Volume:	5.06 g
Analysis Date:	03/22/2013 1828			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1829				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.095	U	0.095	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		0.28	J	0.17	1.1
1,2,4-Trichlorobenzene		0.25	J	0.20	1.1
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.13	J	0.11	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		13	U	13	53
2-Butanone		0.66	U	0.66	11
2-Hexanone		0.14	U *	0.14	11
4-Methyl-2-pentanone		0.21	U	0.21	11
Acetone		1.8	U	1.8	11
Benzene		0.16	U	0.16	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1
Bromoform		0.18	U	0.18	1.1
Bromomethane		0.45	U	0.45	1.1
Carbon disulfide		0.16	U	0.16	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Chlorobenzene		0.19	U	0.19	1.1
Chloroethane		0.35	U	0.35	1.1
Chloroform		2.0		0.25	1.1
Chloromethane		0.17	U	0.17	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.23	U	0.23	1.1
Ethylbenzene		0.18	U	0.18	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.0	J B	0.16	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.29	U	0.29	1.1
Tetrachloroethene		0.73	J	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30804.d
Dilution:	1.0			Initial Weight/Volume:	5.06 g
Analysis Date:	03/22/2013 1828			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1829				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		1.4		0.13	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
Vinyl chloride		0.36	U	0.36	1.1
Xylenes, Total		0.70	U	0.70	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	107		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30804.d
Dilution:	1.0			Initial Weight/Volume:	5.06 g
Analysis Date:	03/22/2013 1828			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1829				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30820.d
Dilution:	1.0			Initial Weight/Volume:	5.27 g
Analysis Date:	03/23/2013 0245			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1832				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	0.99
1,1,2,2-Tetrachloroethane		0.089	U	0.089	0.99
1,1,2-Trichloroethane		0.14	U	0.14	0.99
1,1-Dichloroethane		0.11	U	0.11	0.99
1,1-Dichloroethene		0.19	U	0.19	0.99
1,2,3-Trichlorobenzene		0.16	U	0.16	0.99
1,2,4-Trichlorobenzene		0.19	U	0.19	0.99
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	0.99
1,2-Dibromoethane		0.15	U	0.15	0.99
1,2-Dichlorobenzene		0.099	U	0.099	0.99
1,2-Dichloroethane		0.18	U	0.18	0.99
1,2-Dichloropropane		0.15	U	0.15	0.99
1,3-Dichlorobenzene		0.16	U	0.16	0.99
1,4-Dichlorobenzene		0.11	U	0.11	0.99
1,4-Dioxane		13	U	13	50
2-Butanone		0.62	U *	0.62	9.9
2-Hexanone		0.13	U	0.13	9.9
4-Methyl-2-pentanone		0.20	U	0.20	9.9
Acetone		1.7	U	1.7	9.9
Benzene		0.15	U	0.15	0.99
Bromochloromethane		0.11	U	0.11	0.99
Bromodichloromethane		0.32	U	0.32	0.99
Bromoform		0.17	U	0.17	0.99
Bromomethane		0.43	U	0.43	0.99
Carbon disulfide		0.15	U	0.15	0.99
Carbon tetrachloride		0.15	U	0.15	0.99
Chlorobenzene		0.18	U	0.18	0.99
Chloroethane		0.33	U	0.33	0.99
Chloroform		0.24	U	0.24	0.99
Chloromethane		0.16	U	0.16	0.99
cis-1,2-Dichloroethene		0.11	U	0.11	0.99
cis-1,3-Dichloropropene		0.14	U	0.14	0.99
Cyclohexane		0.13	U *	0.13	0.99
Dibromochloromethane		0.099	U	0.099	0.99
Dichlorodifluoromethane		0.22	U	0.22	0.99
Ethylbenzene		0.17	U	0.17	0.99
Freon TF		0.11	U	0.11	0.99
Isopropylbenzene		0.11	U	0.11	0.99
Methyl acetate		0.32	U	0.32	0.99
Methylcyclohexane		0.099	U	0.099	0.99
Methylene Chloride		0.58	J B	0.15	0.99
MTBE		0.11	U	0.11	0.99
Styrene		0.28	U	0.28	0.99
Tetrachloroethene		0.12	U	0.12	0.99
Toluene		0.15	J	0.14	0.99
trans-1,2-Dichloroethene		0.13	U	0.13	0.99

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30820.d
Dilution:	1.0			Initial Weight/Volume:	5.27 g
Analysis Date:	03/23/2013 0245			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1832				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.099	U	0.099	0.99
Trichloroethene		0.12	U	0.12	0.99
Trichlorofluoromethane		0.16	U	0.16	0.99
Vinyl chloride		0.34	U	0.34	0.99
Xylenes, Total		0.66	U	0.66	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Toluene-d8 (Surr)	113		70 - 130
Bromofluorobenzene	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30820.d
Dilution:	1.0			Initial Weight/Volume:	5.27 g
Analysis Date:	03/23/2013 0245			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1832				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30821.d
Dilution:	1.0			Initial Weight/Volume:	4.78 g
Analysis Date:	03/23/2013 0308			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1834				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.2
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.2
1,1,2-Trichloroethane		0.16	U	0.16	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2-Dibromo-3-Chloropropane		0.51	U	0.51	1.2
1,2-Dibromoethane		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,2-Dichloroethane		0.21	U	0.21	1.2
1,2-Dichloropropane		0.17	U	0.17	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,4-Dioxane		15	U	15	58
2-Butanone		0.73	U *	0.73	12
2-Hexanone		0.15	U	0.15	12
4-Methyl-2-pentanone		0.23	U	0.23	12
Acetone		2.0	U	2.0	12
Benzene		0.17	U	0.17	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.37	U	0.37	1.2
Bromoform		0.20	U	0.20	1.2
Bromomethane		0.50	U	0.50	1.2
Carbon disulfide		0.17	U	0.17	1.2
Carbon tetrachloride		0.17	U	0.17	1.2
Chlorobenzene		0.21	U	0.21	1.2
Chloroethane		0.38	U	0.38	1.2
Chloroform		1.4		0.28	1.2
Chloromethane		0.19	U	0.19	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
cis-1,3-Dichloropropene		0.16	U	0.16	1.2
Cyclohexane		0.15	U *	0.15	1.2
Dibromochloromethane		0.12	U	0.12	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
Ethylbenzene		0.20	U	0.20	1.2
Freon TF		0.13	U	0.13	1.2
Isopropylbenzene		0.13	U	0.13	1.2
Methyl acetate		0.37	U	0.37	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Methylene Chloride		0.81	J B	0.17	1.2
MTBE		0.13	U	0.13	1.2
Styrene		0.33	U	0.33	1.2
Tetrachloroethene		0.14	U	0.14	1.2
Toluene		0.16	U	0.16	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30821.d
Dilution:	1.0			Initial Weight/Volume:	4.78 g
Analysis Date:	03/23/2013 0308			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1834				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Trichloroethene		0.14	U	0.14	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
Vinyl chloride		0.40	U	0.40	1.2
Xylenes, Total		0.78	U	0.78	3.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30821.d
Dilution:	1.0			Initial Weight/Volume:	4.78 g
Analysis Date:	03/23/2013 0308			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1834				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30822.d
Dilution:	1.0			Initial Weight/Volume:	5.45 g
Analysis Date:	03/23/2013 0331			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1837				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	0.96
1,1,2,2-Tetrachloroethane		0.087	U	0.087	0.96
1,1,2-Trichloroethane		0.13	U	0.13	0.96
1,1-Dichloroethane		0.11	U	0.11	0.96
1,1-Dichloroethene		0.18	U	0.18	0.96
1,2,3-Trichlorobenzene		1.2		0.15	0.96
1,2,4-Trichlorobenzene		3.9		0.18	0.96
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.96
1,2-Dibromoethane		0.14	U	0.14	0.96
1,2-Dichlorobenzene		0.24	J	0.096	0.96
1,2-Dichloroethane		0.17	U	0.17	0.96
1,2-Dichloropropane		0.14	U	0.14	0.96
1,3-Dichlorobenzene		0.15	U	0.15	0.96
1,4-Dichlorobenzene		0.35	J	0.11	0.96
1,4-Dioxane		12	U	12	48
2-Butanone		0.61	U *	0.61	9.6
2-Hexanone		0.13	U	0.13	9.6
4-Methyl-2-pentanone		0.19	U	0.19	9.6
Acetone		1.6	U	1.6	9.6
Benzene		0.14	U	0.14	0.96
Bromochloromethane		0.11	U	0.11	0.96
Bromodichloromethane		0.31	U	0.31	0.96
Bromoform		0.16	U	0.16	0.96
Bromomethane		0.41	U	0.41	0.96
Carbon disulfide		0.14	U	0.14	0.96
Carbon tetrachloride		0.14	U	0.14	0.96
Chlorobenzene		0.24	J	0.17	0.96
Chloroethane		0.32	U	0.32	0.96
Chloroform		2.5		0.23	0.96
Chloromethane		0.15	U	0.15	0.96
cis-1,2-Dichloroethene		0.11	U	0.11	0.96
cis-1,3-Dichloropropene		0.13	U	0.13	0.96
Cyclohexane		0.13	U *	0.13	0.96
Dibromochloromethane		0.096	U	0.096	0.96
Dichlorodifluoromethane		0.21	U	0.21	0.96
Ethylbenzene		0.16	U	0.16	0.96
Freon TF		0.11	U	0.11	0.96
Isopropylbenzene		0.11	U	0.11	0.96
Methyl acetate		0.31	U	0.31	0.96
Methylcyclohexane		0.096	U	0.096	0.96
Methylene Chloride		0.97	B	0.14	0.96
MTBE		0.11	U	0.11	0.96
Styrene		0.27	U	0.27	0.96
Tetrachloroethene		0.15	J	0.12	0.96
Toluene		0.13	U	0.13	0.96
trans-1,2-Dichloroethene		0.13	U	0.13	0.96

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30822.d
Dilution:	1.0			Initial Weight/Volume:	5.45 g
Analysis Date:	03/23/2013 0331			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1837				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.096	U	0.096	0.96
Trichloroethene		0.92	J	0.12	0.96
Trichlorofluoromethane		0.15	U	0.15	0.96
Vinyl chloride		0.33	U	0.33	0.96
Xylenes, Total		0.65	U	0.65	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30822.d
Dilution:	1.0			Initial Weight/Volume:	5.45 g
Analysis Date:	03/23/2013 0331			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1837				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30823.d
Dilution:	1.0			Initial Weight/Volume:	5.9 g
Analysis Date:	03/23/2013 0353			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.12	U	0.12	0.95
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,2,3-Trichlorobenzene		3.5		0.15	0.95
1,2,4-Trichlorobenzene		3.6		0.18	0.95
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,2-Dibromoethane		0.14	U	0.14	0.95
1,2-Dichlorobenzene		0.22	J	0.095	0.95
1,2-Dichloroethane		0.17	U	0.17	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
1,3-Dichlorobenzene		0.15	U	0.15	0.95
1,4-Dichlorobenzene		0.37	J	0.10	0.95
1,4-Dioxane		12	U	12	47
2-Butanone		0.60	U *	0.60	9.5
2-Hexanone		0.12	U	0.12	9.5
4-Methyl-2-pentanone		0.19	U	0.19	9.5
Acetone		4.2	J B	1.6	9.5
Benzene		0.14	U	0.14	0.95
Bromochloromethane		0.10	U	0.10	0.95
Bromodichloromethane		0.30	U	0.30	0.95
Bromoform		0.16	U	0.16	0.95
Bromomethane		0.41	U	0.41	0.95
Carbon disulfide		0.14	U	0.14	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Chlorobenzene		0.23	J	0.17	0.95
Chloroethane		0.31	U	0.31	0.95
Chloroform		10		0.23	0.95
Chloromethane		0.15	U	0.15	0.95
cis-1,2-Dichloroethene		0.51	J	0.10	0.95
cis-1,3-Dichloropropene		0.13	U	0.13	0.95
Cyclohexane		0.12	U *	0.12	0.95
Dibromochloromethane		0.095	U	0.095	0.95
Dichlorodifluoromethane		0.21	U	0.21	0.95
Ethylbenzene		0.16	U	0.16	0.95
Freon TF		0.10	U	0.10	0.95
Isopropylbenzene		0.10	U	0.10	0.95
Methyl acetate		0.30	U	0.30	0.95
Methylcyclohexane		0.095	U	0.095	0.95
Methylene Chloride		0.82	J B	0.14	0.95
MTBE		0.10	U	0.10	0.95
Styrene		0.26	U	0.26	0.95
Tetrachloroethene		0.72	J	0.11	0.95
Toluene		0.13	U	0.13	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30823.d
Dilution:	1.0			Initial Weight/Volume:	5.9 g
Analysis Date:	03/23/2013 0353			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.095	U	0.095	0.95
Trichloroethene		1.8		0.11	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
Vinyl chloride		0.32	U	0.32	0.95
Xylenes, Total		0.63	U	0.63	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30823.d
Dilution:	1.0			Initial Weight/Volume:	5.9 g
Analysis Date:	03/23/2013 0353			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1840				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydromethylnaphthalene isomer	10.89	13	J
	Unknown-3	11.01	17	J
	Unknown-4	11.27	24	J
	Unknown Cycloalkane	11.66	20	J
	Unknown-5	11.81	43	J
	Unknown Cycloalkane-1	12.36	51	J
	Unknown-6	12.42	290	J
	Unknown-7	12.96	66	J
	Unknown-8	13.17	150	J
	Unknown-9	13.33	200	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53536.d
Dilution:	50			Initial Weight/Volume:	4.68 g
Analysis Date:	03/20/2013 0300			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		3.8	U	3.8	62
1,1,2,2-Tetrachloroethane		9.7	U	9.7	62
1,1,2-Trichloroethane		12	U	12	62
1,1-Dichloroethane		8.1	U	8.1	62
1,1-Dichloroethene		5.5	U	5.5	62
1,2,3-Trichlorobenzene		32	U	32	62
1,2,4-Trichlorobenzene		850		21	62
1,2-Dibromo-3-Chloropropane		25	U	25	62
1,2-Dibromoethane		17	U	17	62
1,2-Dichlorobenzene		13	U	13	62
1,2-Dichloroethane		12	U	12	62
1,2-Dichloropropane		5.3	U	5.3	62
1,3-Dichlorobenzene		8.4	U	8.4	62
1,4-Dichlorobenzene		14	U	14	62
1,4-Dioxane		2200	U	2200	3100
2-Butanone		140	U	140	310
2-Hexanone		31	U	31	310
4-Methyl-2-pentanone		61	U	61	310
Acetone		170	U	170	310
Benzene		5.1	U	5.1	62
Bromochloromethane		17	U	17	62
Bromodichloromethane		7.7	U	7.7	62
Bromoform		12	U	12	62
Bromomethane		11	U	11	62
Carbon disulfide		7.8	U	7.8	62
Carbon tetrachloride		3.5	U	3.5	62
Chlorobenzene		47	J	6.8	62
Chloroethane		10	U	10	62
Chloroform		23	J	4.9	62
Chloromethane		6.0	U	6.0	62
cis-1,2-Dichloroethene		89		11	62
cis-1,3-Dichloropropene		11	U	11	62
Cyclohexane		9.8	U	9.8	62
Dibromochloromethane		12	U	12	62
Dichlorodifluoromethane		13	U	13	62
Ethylbenzene		370		5.9	62
Freon TF		5.1	U	5.1	62
Isopropylbenzene		380		4.7	62
Methyl acetate		21	U	21	120
Methylcyclohexane		1100		8.4	62
Methylene Chloride		11	U	11	62
MTBE		8.5	U	8.5	62
Styrene		7.3	U	7.3	62
Tetrachloroethene		25	J	6.0	62
Toluene		18	J	9.2	62
trans-1,2-Dichloroethene		8.0	U	8.0	62

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53536.d
Dilution:	50			Initial Weight/Volume:	4.68 g
Analysis Date:	03/20/2013 0300			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		15	U	15	62
Trichloroethene		23	J	5.7	62
Trichlorofluoromethane		9.0	U	9.0	62
Vinyl chloride		8.9	U	8.9	62
Xylenes, Total		1200		22	190

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		75 - 135
Toluene-d8 (Surr)	70		59 - 150
Bromofluorobenzene	79		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53536.d
Dilution:	50			Initial Weight/Volume:	4.68 g
Analysis Date:	03/20/2013 0300			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	10.16	41000	J
	Unknown Alkane-1	11.12	35000	J
	Unknown Aromatic	11.47	23000	J
	Coeluting Unknowns	11.72	23000	J
	Unknown Alkane-2	11.94	45000	J
	C10H14 Aromatic/Unknown	12.05	54000	J
	Coeluting Aromatics/Unknown	12.34	36000	J
	Unknown Alkane-3	12.50	24000	J
	Unknown Aromatic/Unknown	12.89	20000	J
	Methylnaphthalene isomer	13.65	19000	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30838.d
Dilution:	1.0			Initial Weight/Volume:	4.83 g
Analysis Date:	03/23/2013 0942			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1847				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.097	U	0.097	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		2.1		0.17	1.1
1,2,4-Trichlorobenzene		1.2		0.20	1.1
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.30	J	0.11	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.87	J	0.17	1.1
1,4-Dichlorobenzene		3.1		0.12	1.1
1,4-Dioxane		14	U	14	54
2-Butanone		0.68	U	0.68	11
2-Hexanone		0.14	U	0.14	11
4-Methyl-2-pentanone		0.21	U	0.21	11
Acetone		1.8	U	1.8	11
Benzene		0.16	U	0.16	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1
Bromoform		0.18	U	0.18	1.1
Bromomethane		0.46	U	0.46	1.1
Carbon disulfide		0.16	U	0.16	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Chlorobenzene		0.19	U	0.19	1.1
Chloroethane		0.35	U	0.35	1.1
Chloroform		0.26	U	0.26	1.1
Chloromethane		0.17	U	0.17	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Ethylbenzene		0.18	U	0.18	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.0	J B	0.16	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.30	U	0.30	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.16	J	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30838.d
Dilution:	1.0			Initial Weight/Volume:	4.83 g
Analysis Date:	03/23/2013 0942			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1847				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
Vinyl chloride		0.36	U	0.36	1.1
Xylenes, Total		0.72	U	0.72	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	117		70 - 130
Bromofluorobenzene	117		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30838.d
Dilution:	1.0			Initial Weight/Volume:	4.83 g
Analysis Date:	03/23/2013 0942			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1847				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53563.d
Dilution:	50			Initial Weight/Volume:	5.1 g
Analysis Date:	03/20/2013 1404			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1811				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		3.3	U	3.3	53
1,1,2,2-Tetrachloroethane		8.4	U	8.4	53
1,1,2-Trichloroethane		10	U	10	53
1,1-Dichloroethane		7.0	U	7.0	53
1,1-Dichloroethene		4.7	U	4.7	53
1,2,3-Trichlorobenzene		1600		27	53
1,2,4-Trichlorobenzene		1500		18	53
1,2-Dibromo-3-Chloropropane		21	U	21	53
1,2-Dibromoethane		15	U	15	53
1,2-Dichlorobenzene		730		11	53
1,2-Dichloroethane		10	U	10	53
1,2-Dichloropropane		4.6	U	4.6	53
1,3-Dichlorobenzene		480		7.2	53
1,4-Dichlorobenzene		2300		12	53
1,4-Dioxane		1900	U	1900	2700
2-Butanone		120	U	120	270
2-Hexanone		27	U	27	270
4-Methyl-2-pentanone		53	U	53	270
Acetone		140	U	140	270
Benzene		4.4	U	4.4	53
Bromochloromethane		15	U	15	53
Bromodichloromethane		6.7	U	6.7	53
Bromoform		10	U	10	53
Bromomethane		9.7	U	9.7	53
Carbon disulfide		6.7	U	6.7	53
Carbon tetrachloride		3.0	U	3.0	53
Chlorobenzene		35	J	5.9	53
Chloroethane		9.0	U	9.0	53
Chloroform		8.0	J	4.2	53
Chloromethane		5.2	U	5.2	53
cis-1,2-Dichloroethene		9.4	U	9.4	53
cis-1,3-Dichloropropene		9.8	U	9.8	53
Cyclohexane		8.5	U	8.5	53
Dibromochloromethane		11	U	11	53
Dichlorodifluoromethane		11	U	11	53
Ethylbenzene		63		5.1	53
Freon TF		4.4	U	4.4	53
Isopropylbenzene		73		4.1	53
Methyl acetate		18	U	18	110
Methylcyclohexane		63		7.2	53
Methylene Chloride		9.7	U	9.7	53
MTBE		7.3	U	7.3	53
Styrene		6.3	U	6.3	53
Tetrachloroethene		8.2	J	5.2	53
Toluene		31	J	8.0	53
trans-1,2-Dichloroethene		6.9	U	6.9	53

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53563.d
Dilution:	50			Initial Weight/Volume:	5.1 g
Analysis Date:	03/20/2013 1404			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1811				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		13	U	13	53
Trichloroethene		4.9	U	4.9	53
Trichlorofluoromethane		7.8	U	7.8	53
Vinyl chloride		7.7	U	7.7	53
Xylenes, Total		910		19	160

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		75 - 135
Toluene-d8 (Surr)	74		59 - 150
Bromofluorobenzene	89		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53563.d
Dilution:	50			Initial Weight/Volume:	5.1 g
Analysis Date:	03/20/2013 1404			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1811				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Coeluting Aromatics	11.47	14000	J
	Decahydromethylnaphthalene isomer	11.56	11000	J
	C10H14 Aromatic/Unknown	11.73	17000	J
	Unknown Alkane	11.94	17000	J
	C10H14 Aromatic/Unknown-1	12.05	32000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.34	12000	J
	Unknown Alkane-2	12.72	15000	J
	Tetrahydromethylnaphthalene isomer	13.08	11000	J
	Tetrahydrodimethylnaphthalene isomer	13.24	14000	J
91-57-6	Naphthalene, 2-methyl-	13.66	14000	J N

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53647.d
Dilution:	50			Initial Weight/Volume:	5.55 g
Analysis Date:	03/22/2013 0717			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		3.3	U	3.3	52
1,1,2,2-Tetrachloroethane		8.3	U	8.3	52
1,1,2-Trichloroethane		9.8	U	9.8	52
1,1-Dichloroethane		6.8	U	6.8	52
1,1-Dichloroethene		4.6	U	4.6	52
1,2,3-Trichlorobenzene		680		27	52
1,2,4-Trichlorobenzene		320		18	52
1,2-Dibromo-3-Chloropropane		21	U	21	52
1,2-Dibromoethane		14	U	14	52
1,2-Dichlorobenzene		360		11	52
1,2-Dichloroethane		9.9	U	9.9	52
1,2-Dichloropropane		4.5	U	4.5	52
1,3-Dichlorobenzene		210		7.1	52
1,4-Dichlorobenzene		1100		12	52
1,4-Dioxane		1900	U	1900	2600
2-Butanone		120	U	120	260
2-Hexanone		26	U	26	260
4-Methyl-2-pentanone		52	U	52	260
Acetone		140	U	140	260
Benzene		4.3	U	4.3	52
Bromochloromethane		14	U	14	52
Bromodichloromethane		6.6	U	6.6	52
Bromoform		10	U	10	52
Bromomethane		9.5	U	9.5	52
Carbon disulfide		6.6	U	6.6	52
Carbon tetrachloride		3.0	U	3.0	52
Chlorobenzene		17	J	5.8	52
Chloroethane		8.9	U	8.9	52
Chloroform		4.1	U	4.1	52
Chloromethane		5.1	U	5.1	52
cis-1,2-Dichloroethene		9.3	U	9.3	52
cis-1,3-Dichloropropene		9.7	U	9.7	52
Cyclohexane		8.3	U	8.3	52
Dibromochloromethane		10	U	10	52
Dichlorodifluoromethane		11	U	11	52
Ethylbenzene		180		5.0	52
Freon TF		4.3	U	4.3	52
Isopropylbenzene		63		4.0	52
Methyl acetate		18	U	18	100
Methylcyclohexane		56		7.1	52
Methylene Chloride		9.6	U	9.6	52
MTBE		7.2	U	7.2	52
Styrene		6.2	U	6.2	52
Tetrachloroethene		20	J	5.1	52
Toluene		15	J	7.8	52
trans-1,2-Dichloroethene		6.8	U	6.8	52

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53647.d
Dilution:	50			Initial Weight/Volume:	5.55 g
Analysis Date:	03/22/2013 0717			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		13	U	13	52
Trichloroethene		4.8	U	4.8	52
Trichlorofluoromethane		7.7	U	7.7	52
Vinyl chloride		7.6	U	7.6	52
Xylenes, Total		750		19	160

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		75 - 135
Toluene-d8 (Surr)	82		59 - 150
Bromofluorobenzene	87		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53647.d
Dilution:	50			Initial Weight/Volume:	5.55 g
Analysis Date:	03/22/2013 0717			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Trimethylbenzene isomer	10.86	4000	J
	Coeluting Aromatics	11.07	4900	J
	Unknown Aromatic	11.73	4600	J
	Unknown Alkane-1	11.94	4300	J
	C10H14 Aromatic/Unknown	12.05	9400	J
	Unknown	12.15	4200	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.34	4400	J
	2,3-dihydro-dimethyl-1H-Indene isomer-1	12.89	4400	J
	Tetrahydromethylnaphthalene isomer	13.07	4000	J
	2,3-dihydro-trimethyl-1H-Indene isomer	13.24	5100	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30827.d
Dilution:	1.0			Initial Weight/Volume:	4.18 g
Analysis Date:	03/23/2013 0525			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1854				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.16	U	0.16	1.3
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.3
1,1,2-Trichloroethane		0.18	U	0.18	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
1,1-Dichloroethene		0.24	U	0.24	1.3
1,2,3-Trichlorobenzene		0.20	U	0.20	1.3
1,2,4-Trichlorobenzene		390		0.24	1.3
1,2-Dibromo-3-Chloropropane		0.56	U	0.56	1.3
1,2-Dibromoethane		0.19	U	0.19	1.3
1,2-Dichlorobenzene		4.1		0.13	1.3
1,2-Dichloroethane		0.23	U	0.23	1.3
1,2-Dichloropropane		0.19	U	0.19	1.3
1,3-Dichlorobenzene		20		0.20	1.3
1,4-Dichlorobenzene		38		0.14	1.3
1,4-Dioxane		16	U	16	63
2-Butanone		0.80	U *	0.80	13
2-Hexanone		0.16	U	0.16	13
4-Methyl-2-pentanone		0.25	U	0.25	13
Acetone		23	B	2.1	13
Benzene		0.19	U	0.19	1.3
Bromochloromethane		0.14	U	0.14	1.3
Bromodichloromethane		0.41	U	0.41	1.3
Bromoform		0.22	U	0.22	1.3
Bromomethane		0.55	U	0.55	1.3
Carbon disulfide		0.19	U	0.19	1.3
Carbon tetrachloride		0.19	U	0.19	1.3
Chlorobenzene		0.23	U	0.23	1.3
Chloroethane		0.42	U	0.42	1.3
Chloroform		49		0.30	1.3
Chloromethane		0.20	U	0.20	1.3
cis-1,2-Dichloroethene		0.27	J	0.14	1.3
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
Cyclohexane		0.16	U *	0.16	1.3
Dibromochloromethane		0.13	U	0.13	1.3
Dichlorodifluoromethane		0.28	U	0.28	1.3
Ethylbenzene		0.25	J	0.22	1.3
Freon TF		0.14	U	0.14	1.3
Isopropylbenzene		0.23	J	0.14	1.3
Methyl acetate		0.41	U	0.41	1.3
Methylcyclohexane		0.99	J	0.13	1.3
Methylene Chloride		1.6	B	0.19	1.3
MTBE		0.14	U	0.14	1.3
Styrene		0.36	U	0.36	1.3
Tetrachloroethene		3.3		0.15	1.3
Toluene		0.18	U	0.18	1.3
trans-1,2-Dichloroethene		0.16	U	0.16	1.3

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30827.d
Dilution:	1.0			Initial Weight/Volume:	4.18 g
Analysis Date:	03/23/2013 0525			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1854				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
Trichloroethene		3.1		0.15	1.3
Trichlorofluoromethane		0.20	U	0.20	1.3
Vinyl chloride		0.43	U	0.43	1.3
Xylenes, Total		2.7	J	0.85	3.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	119		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30827.d
Dilution:	1.0			Initial Weight/Volume:	4.18 g
Analysis Date:	03/23/2013 0525			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1854				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Cycloalkane	10.05	530	J
	Unknown	10.45	470	J
	Decahydromethylnaphthalene isomer	10.49	950	J
	Unknown Alkane	10.72	490	J
	Decahydrodimethylnaphthalene isomer	10.76	800	J
	Decahydrodimethylnaphthalene isomer-1	10.87	1200	J
	Decahydrodimethylnaphthalene isomer-2	11.04	790	J
	Unknown-1	11.27	460	J
	Unknown-2	11.32	460	J
	Unknown-4	12.42	640	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53500.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	03/19/2013 1307			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		2.8	U	2.8	45
1,1,2,2-Tetrachloroethane		7.0	U	7.0	45
1,1,2-Trichloroethane		8.4	U	8.4	45
1,1-Dichloroethane		5.8	U	5.8	45
1,1-Dichloroethene		3.9	U	3.9	45
1,2,3-Trichlorobenzene		2000		23	45
1,2,4-Trichlorobenzene		12000		15	45
1,2-Dibromo-3-Chloropropane		18	U	18	45
1,2-Dibromoethane		12	U	12	45
1,2-Dichlorobenzene		36	J	9.1	45
1,2-Dichloroethane		8.4	U	8.4	45
1,2-Dichloropropane		3.8	U	3.8	45
1,3-Dichlorobenzene		310		6.0	45
1,4-Dichlorobenzene		120		10	45
1,4-Dioxane		1600	U	1600	2200
2-Butanone		100	U	100	220
2-Hexanone		22	U	22	220
4-Methyl-2-pentanone		44	U	44	220
Acetone		120	U	120	220
Benzene		3.7	U	3.7	45
Bromochloromethane		12	U	12	45
Bromodichloromethane		5.6	U	5.6	45
Bromoform		8.5	U	8.5	45
Bromomethane		8.1	U	8.1	45
Carbon disulfide		5.6	U	5.6	45
Carbon tetrachloride		2.5	U	2.5	45
Chlorobenzene		4.9	U	4.9	45
Chloroethane		7.5	U	7.5	45
Chloroform		58		3.5	45
Chloromethane		4.3	U	4.3	45
cis-1,2-Dichloroethene		7.9	U	7.9	45
cis-1,3-Dichloropropene		8.2	U	8.2	45
Cyclohexane		7.1	U	7.1	45
Dibromochloromethane		8.9	U	8.9	45
Dichlorodifluoromethane		9.6	U	9.6	45
Ethylbenzene		4.3	U	4.3	45
Freon TF		3.7	U	3.7	45
Isopropylbenzene		3.4	U	3.4	45
Methyl acetate		15	U	15	89
Methylcyclohexane		27	J	6.0	45
Methylene Chloride		8.1	U	8.1	45
MTBE		6.1	U	6.1	45
Styrene		5.3	U	5.3	45
Tetrachloroethene		4.3	U	4.3	45
Toluene		6.7	U	6.7	45
trans-1,2-Dichloroethene		5.7	U	5.7	45

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53500.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	03/19/2013 1307			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		11	U	11	45
Trichloroethene		15	J	4.1	45
Trichlorofluoromethane		6.5	U	6.5	45
Vinyl chloride		6.4	U	6.4	45
Xylenes, Total		57	J	16	130

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		75 - 135
Toluene-d8 (Surr)	75		59 - 150
Bromofluorobenzene	84		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53500.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	03/19/2013 1307			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethyldimethylbenzene isomer	11.08	29000	J
	Unknown Aromatic	11.48	35000	J
	Tetramethylbenzene isomer	11.73	24000	J
	C11H16 Aromatic	11.78	22000	J
	Unknown Aromatic/Unknown	12.06	63000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.35	22000	J
	2,3-dihydro-dimethyl-1H-Indene isomer-1	12.43	46000	J
	2,3-dihydro-dimethyl-1H-Indene isomer-2	12.89	21000	J
	Tetrahydromethylnaphthalene isomer	13.08	30000	J
	Tetrahydrodimethylnaphthalene isomer	13.24	23000	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53561.d
Dilution:	100			Initial Weight/Volume:	6.16 g
Analysis Date:	03/20/2013 1319			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		6.0	U	6.0	97
1,1,2,2-Tetrachloroethane		15	U	15	97
1,1,2-Trichloroethane		22	J	18	97
1,1-Dichloroethane		13	U	13	97
1,1-Dichloroethene		8.6	U	8.6	97
1,2,3-Trichlorobenzene		2300		50	97
1,2,4-Trichlorobenzene		11000		33	97
1,2-Dibromo-3-Chloropropane		39	U	39	97
1,2-Dibromoethane		27	U	27	97
1,2-Dichlorobenzene		100		20	97
1,2-Dichloroethane		18	U	18	97
1,2-Dichloropropane		8.4	U	8.4	97
1,3-Dichlorobenzene		14	J	13	97
1,4-Dichlorobenzene		65	J	23	97
1,4-Dioxane		3500	U	3500	4900
2-Butanone		230	U	230	490
2-Hexanone		49	U	49	490
4-Methyl-2-pentanone		96	U	96	490
Acetone		260	U	260	490
Benzene		8.0	U	8.0	97
Bromochloromethane		27	U	27	97
Bromodichloromethane		12	U	12	97
Bromoform		19	U	19	97
Bromomethane		18	U	18	97
Carbon disulfide		12	U	12	97
Carbon tetrachloride		5.5	U	5.5	97
Chlorobenzene		11	U	11	97
Chloroethane		16	U	16	97
Chloroform		77	J	7.6	97
Chloromethane		9.4	U	9.4	97
cis-1,2-Dichloroethene		17	U	17	97
cis-1,3-Dichloropropene		18	U	18	97
Cyclohexane		15	U	15	97
Dibromochloromethane		19	U	19	97
Dichlorodifluoromethane		21	U	21	97
Ethylbenzene		160		9.3	97
Freon TF		8.0	U	8.0	97
Isopropylbenzene		590		7.4	97
Methyl acetate		33	U	33	190
Methylcyclohexane		1100		13	97
Methylene Chloride		18	U	18	97
MTBE		13	U	13	97
Styrene		12	U	12	97
Tetrachloroethene		19	J	9.4	97
Toluene		38	J	15	97
trans-1,2-Dichloroethene		13	U	13	97

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53561.d
Dilution:	100			Initial Weight/Volume:	6.16 g
Analysis Date:	03/20/2013 1319			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		24	U	24	97
Trichloroethene		8.9	U	8.9	97
Trichlorofluoromethane		14	U	14	97
Vinyl chloride		14	U	14	97
Xylenes, Total		1300		35	290

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		75 - 135
Toluene-d8 (Surr)	68		59 - 150
Bromofluorobenzene	81		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53561.d
Dilution:	100			Initial Weight/Volume:	6.16 g
Analysis Date:	03/20/2013 1319			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1812				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	11.12	27000	J
	Coeluting Aromatics	11.47	29000	J
	Unknown Alkane-1	11.94	45000	J
	Unknown Aromatic	12.05	59000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.43	42000	J
	Unknown Alkane/Unknown	12.72	43000	J
	Tetrahydromethylnaphthalene isomer	13.08	42000	J
	2,3-dihydro-trimethyl-1H-Indene isomer	13.24	33000	J
	Unknown Aromatic-1	13.41	29000	J
91-57-6	Naphthalene, 2-methyl-	13.66	33000	J N

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30840.d
Dilution:	1.0			Initial Weight/Volume:	6.48 g
Analysis Date:	03/23/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1903				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.11	U	0.11	0.83
1,1,2,2-Tetrachloroethane		0.075	U	0.075	0.83
1,1,2-Trichloroethane		0.12	U	0.12	0.83
1,1-Dichloroethane		0.092	U	0.092	0.83
1,1-Dichloroethene		0.16	U	0.16	0.83
1,2,3-Trichlorobenzene		0.13	U	0.13	0.83
1,2,4-Trichlorobenzene		0.16	U	0.16	0.83
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.83
1,2-Dibromoethane		0.13	U	0.13	0.83
1,2-Dichlorobenzene		0.13	J	0.083	0.83
1,2-Dichloroethane		0.15	U	0.15	0.83
1,2-Dichloropropane		0.13	U	0.13	0.83
1,3-Dichlorobenzene		0.13	U	0.13	0.83
1,4-Dichlorobenzene		0.78	J	0.092	0.83
1,4-Dioxane		11	U	11	42
2-Butanone		0.53	U	0.53	8.3
2-Hexanone		0.11	U	0.11	8.3
4-Methyl-2-pentanone		0.17	U	0.17	8.3
Acetone		9.5	B	1.4	8.3
Benzene		0.13	U	0.13	0.83
Bromochloromethane		0.092	U	0.092	0.83
Bromodichloromethane		0.27	U	0.27	0.83
Bromoform		0.14	U	0.14	0.83
Bromomethane		0.36	U	0.36	0.83
Carbon disulfide		0.13	U	0.13	0.83
Carbon tetrachloride		0.13	U	0.13	0.83
Chlorobenzene		0.15	U	0.15	0.83
Chloroethane		0.28	U	0.28	0.83
Chloroform		6.1		0.20	0.83
Chloromethane		0.13	U	0.13	0.83
cis-1,2-Dichloroethene		0.092	U	0.092	0.83
cis-1,3-Dichloropropene		0.12	U	0.12	0.83
Cyclohexane		0.11	U	0.11	0.83
Dibromochloromethane		0.083	U	0.083	0.83
Dichlorodifluoromethane		0.18	U	0.18	0.83
Ethylbenzene		0.27	J	0.14	0.83
Freon TF		0.092	U	0.092	0.83
Isopropylbenzene		0.092	U	0.092	0.83
Methyl acetate		0.27	U	0.27	0.83
Methylcyclohexane		0.083	U	0.083	0.83
Methylene Chloride		0.77	J B	0.13	0.83
MTBE		0.092	U	0.092	0.83
Styrene		0.23	U	0.23	0.83
Tetrachloroethene		2.3		0.10	0.83
Toluene		0.12	U	0.12	0.83
trans-1,2-Dichloroethene		0.11	U	0.11	0.83

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30840.d
Dilution:	1.0			Initial Weight/Volume:	6.48 g
Analysis Date:	03/23/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1903				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.083	U	0.083	0.83
Trichloroethene		0.10	U	0.10	0.83
Trichlorofluoromethane		0.13	U	0.13	0.83
Vinyl chloride		0.28	U	0.28	0.83
Xylenes, Total		1.7	J	0.56	2.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	105		70 - 130
Bromofluorobenzene	118		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30840.d
Dilution:	1.0			Initial Weight/Volume:	6.48 g
Analysis Date:	03/23/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1903				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	5.86	11	J
	Unknown Alkane-1	8.79	11	J
	Decahydromethylnaphthalene isomer	10.48	15	J
	Decahydrodimethylnaphthalene isomer	10.87	10	J
	Unknown	11.01	10	J
	Unknown Alkane-3	12.00	32	J
	Unknown-1	12.42	18	J
	Unknown Alkane-4	12.71	22	J
	Unknown-2	12.96	20	J
	Unknown-4	13.36	25	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53562.d
Dilution:	50			Initial Weight/Volume:	5.86 g
Analysis Date:	03/20/2013 1342			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		3.0	U	3.0	49
1,1,2,2-Tetrachloroethane		7.7	U	7.7	49
1,1,2-Trichloroethane		9.1	U	9.1	49
1,1-Dichloroethane		6.4	U	6.4	49
1,1-Dichloroethene		4.3	U	4.3	49
1,2,3-Trichlorobenzene		340		25	49
1,2,4-Trichlorobenzene		620		17	49
1,2-Dibromo-3-Chloropropane		20	U	20	49
1,2-Dibromoethane		13	U	13	49
1,2-Dichlorobenzene		10	U	10	49
1,2-Dichloroethane		9.2	U	9.2	49
1,2-Dichloropropane		4.2	U	4.2	49
1,3-Dichlorobenzene		6.6	U	6.6	49
1,4-Dichlorobenzene		11	U	11	49
1,4-Dioxane		1800	U	1800	2400
2-Butanone		110	U	110	240
2-Hexanone		24	U	24	240
4-Methyl-2-pentanone		48	U	48	240
Acetone		130	U	130	240
Benzene		4.0	U	4.0	49
Bromochloromethane		13	U	13	49
Bromodichloromethane		6.1	U	6.1	49
Bromoform		9.4	U	9.4	49
Bromomethane		8.8	U	8.8	49
Carbon disulfide		6.1	U	6.1	49
Carbon tetrachloride		2.8	U	2.8	49
Chlorobenzene		5.4	U	5.4	49
Chloroethane		8.2	U	8.2	49
Chloroform		12	J	3.8	49
Chloromethane		4.7	U	4.7	49
cis-1,2-Dichloroethene		8.6	U	8.6	49
cis-1,3-Dichloropropene		9.0	U	9.0	49
Cyclohexane		7.7	U	7.7	49
Dibromochloromethane		9.7	U	9.7	49
Dichlorodifluoromethane		11	U	11	49
Ethylbenzene		6.4	J	4.7	49
Freon TF		4.0	U	4.0	49
Isopropylbenzene		3.7	U	3.7	49
Methyl acetate		16	U	16	98
Methylcyclohexane		6.6	U	6.6	49
Methylene Chloride		8.9	U	8.9	49
MTBE		6.7	U	6.7	49
Styrene		5.8	U	5.8	49
Tetrachloroethene		36	J	4.7	49
Toluene		7.3	U	7.3	49
trans-1,2-Dichloroethene		6.3	U	6.3	49

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53562.d
Dilution:	50			Initial Weight/Volume:	5.86 g
Analysis Date:	03/20/2013 1342			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		12	U	12	49
Trichloroethene		4.5	U	4.5	49
Trichlorofluoromethane		7.1	U	7.1	49
Vinyl chloride		7.1	U	7.1	49
Xylenes, Total		100	J	18	150

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		75 - 135
Toluene-d8 (Surr)	88		59 - 150
Bromofluorobenzene	106		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53562.d
Dilution:	50			Initial Weight/Volume:	5.86 g
Analysis Date:	03/20/2013 1342			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1813				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	6.34	5900	J
	Unknown Alkane-1	6.50	4300	J
	Decahydromethylnaphthalene isomer	11.56	2700	J
	Decahydromethylnaphthalene isomer-1	11.73	4500	J
	Unknown-1	12.03	2500	J
	Unknown Aromatic	12.15	5900	J
	Coeluting Unknowns	12.41	4700	J
	Tetrahydrodimethylnaphthalene isomer	13.24	3300	J
	Unknown-3	13.27	2800	J
90-12-0	Naphthalene, 1-methyl-	13.87	3000	J N

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30841.d
Dilution:	1.0			Initial Weight/Volume:	5.36 g
Analysis Date:	03/23/2013 1051			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1909				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.095	U	0.095	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		13	U	13	53
2-Butanone		0.66	U	0.66	11
2-Hexanone		0.14	U	0.14	11
4-Methyl-2-pentanone		0.21	U	0.21	11
Acetone		1.8	U	1.8	11
Benzene		0.16	U	0.16	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1
Bromoform		0.18	U	0.18	1.1
Bromomethane		0.45	U	0.45	1.1
Carbon disulfide		0.16	U	0.16	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Chlorobenzene		0.19	U	0.19	1.1
Chloroethane		0.35	U	0.35	1.1
Chloroform		1.3		0.25	1.1
Chloromethane		0.17	U	0.17	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.23	U	0.23	1.1
Ethylbenzene		0.18	U	0.18	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		0.85	J B	0.16	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.29	U	0.29	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30841.d
Dilution:	1.0			Initial Weight/Volume:	5.36 g
Analysis Date:	03/23/2013 1051			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1909				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
Vinyl chloride		0.36	U	0.36	1.1
Xylenes, Total		0.70	U	0.70	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	107		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30841.d
Dilution:	1.0			Initial Weight/Volume:	5.36 g
Analysis Date:	03/23/2013 1051			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1909				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	11.27	7.1	J
	Unknown Alkane-1	11.41	11	J
	Unknown Alkane-2	12.00	22	J
	Unknown Alkane-3	12.13	16	J
	Unknown	12.42	20	J
	Unknown Alkane-4	12.71	24	J
	Unknown-1	12.96	9.3	J
	Unknown Alkane-5	13.02	17	J
	Unknown-2	13.36	12	J
	Unknown Alkane-7	14.20	7.9	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30842.d
Dilution:	1.0			Initial Weight/Volume:	5.18 g
Analysis Date:	03/23/2013 1114			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1910				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2-Dibromo-3-Chloropropane		0.49	U	0.49	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.20	U	0.20	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		14	U	14	55
2-Butanone		0.70	U	0.70	11
2-Hexanone		0.14	U	0.14	11
4-Methyl-2-pentanone		0.22	U	0.22	11
Acetone		1.9	U	1.9	11
Benzene		0.17	U	0.17	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1
Bromoform		0.19	U	0.19	1.1
Bromomethane		0.48	U	0.48	1.1
Carbon disulfide		0.17	U	0.17	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Chlorobenzene		0.20	U	0.20	1.1
Chloroethane		0.37	U	0.37	1.1
Chloroform		2.2		0.27	1.1
Chloromethane		0.18	U	0.18	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Ethylbenzene		0.19	U	0.19	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		0.74	J B	0.17	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.31	U	0.31	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30842.d
Dilution:	1.0			Initial Weight/Volume:	5.18 g
Analysis Date:	03/23/2013 1114			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1910				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
Vinyl chloride		0.38	U	0.38	1.1
Xylenes, Total		0.74	U	0.74	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30842.d
Dilution:	1.0			Initial Weight/Volume:	5.18 g
Analysis Date:	03/23/2013 1114			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1910				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30843.d
Dilution:	1.0			Initial Weight/Volume:	5.52 g
Analysis Date:	03/23/2013 1137			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1913				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.12	U	0.12	0.95
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,2,3-Trichlorobenzene		0.15	U	0.15	0.95
1,2,4-Trichlorobenzene		0.18	U	0.18	0.95
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,2-Dibromoethane		0.14	U	0.14	0.95
1,2-Dichlorobenzene		0.095	U	0.095	0.95
1,2-Dichloroethane		0.17	U	0.17	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
1,3-Dichlorobenzene		0.15	U	0.15	0.95
1,4-Dichlorobenzene		0.10	U	0.10	0.95
1,4-Dioxane		12	U	12	47
2-Butanone		0.60	U	0.60	9.5
2-Hexanone		0.12	U	0.12	9.5
4-Methyl-2-pentanone		0.19	U	0.19	9.5
Acetone		1.6	U	1.6	9.5
Benzene		0.14	U	0.14	0.95
Bromochloromethane		0.10	U	0.10	0.95
Bromodichloromethane		0.30	U	0.30	0.95
Bromoform		0.16	U	0.16	0.95
Bromomethane		0.41	U	0.41	0.95
Carbon disulfide		0.14	U	0.14	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Chlorobenzene		0.17	U	0.17	0.95
Chloroethane		0.31	U	0.31	0.95
Chloroform		0.23	U	0.23	0.95
Chloromethane		0.15	U	0.15	0.95
cis-1,2-Dichloroethene		0.10	U	0.10	0.95
cis-1,3-Dichloropropene		0.13	U	0.13	0.95
Cyclohexane		0.12	U	0.12	0.95
Dibromochloromethane		0.095	U	0.095	0.95
Dichlorodifluoromethane		0.21	U	0.21	0.95
Ethylbenzene		0.16	U	0.16	0.95
Freon TF		0.10	U	0.10	0.95
Isopropylbenzene		0.10	U	0.10	0.95
Methyl acetate		0.30	U	0.30	0.95
Methylcyclohexane		0.095	U	0.095	0.95
Methylene Chloride		0.14	U	0.14	0.95
MTBE		0.10	U	0.10	0.95
Styrene		0.27	U	0.27	0.95
Tetrachloroethene		0.11	U	0.11	0.95
Toluene		0.13	U	0.13	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30843.d
Dilution:	1.0			Initial Weight/Volume:	5.52 g
Analysis Date:	03/23/2013 1137			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1913				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.095	U	0.095	0.95
Trichloroethene		0.11	U	0.11	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
Vinyl chloride		0.32	U	0.32	0.95
Xylenes, Total		0.64	U	0.64	2.8

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

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30843.d
Dilution:	1.0			Initial Weight/Volume:	5.52 g
Analysis Date:	03/23/2013 1137			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1913				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53502.d
Dilution:	50			Initial Weight/Volume:	5.85 g
Analysis Date:	03/19/2013 1352			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		2.9	U	2.9	47
1,1,2,2-Tetrachloroethane		7.4	U	7.4	47
1,1,2-Trichloroethane		8.8	U	8.8	47
1,1-Dichloroethane		6.1	U	6.1	47
1,1-Dichloroethene		4.2	U	4.2	47
1,2,3-Trichlorobenzene		330		24	47
1,2,4-Trichlorobenzene		1100		16	47
1,2-Dibromo-3-Chloropropane		19	U	19	47
1,2-Dibromoethane		13	U	13	47
1,2-Dichlorobenzene		14	J	9.7	47
1,2-Dichloroethane		8.9	U	8.9	47
1,2-Dichloropropane		4.0	U	4.0	47
1,3-Dichlorobenzene		6.4	U	6.4	47
1,4-Dichlorobenzene		14	J	11	47
1,4-Dioxane		1700	U	1700	2400
2-Butanone		110	U	110	240
2-Hexanone		24	U	24	240
4-Methyl-2-pentanone		46	U	46	240
Acetone		130	U	130	240
Benzene		3.9	U	3.9	47
Bromochloromethane		13	U	13	47
Bromodichloromethane		5.9	U	5.9	47
Bromoform		9.0	U	9.0	47
Bromomethane		8.5	U	8.5	47
Carbon disulfide		5.9	U	5.9	47
Carbon tetrachloride		2.7	U	2.7	47
Chlorobenzene		5.2	U	5.2	47
Chloroethane		8.0	U	8.0	47
Chloroform		3.7	U	3.7	47
Chloromethane		4.6	U	4.6	47
cis-1,2-Dichloroethene		8.3	U	8.3	47
cis-1,3-Dichloropropene		8.7	U	8.7	47
Cyclohexane		7.5	U	7.5	47
Dibromochloromethane		9.4	U	9.4	47
Dichlorodifluoromethane		10	U	10	47
Ethylbenzene		4.5	U	4.5	47
Freon TF		3.9	U	3.9	47
Isopropylbenzene		3.6	U	3.6	47
Methyl acetate		16	U	16	94
Methylcyclohexane		6.4	U	6.4	47
Methylene Chloride		8.6	U	8.6	47
MTBE		6.5	U	6.5	47
Styrene		5.6	U	5.6	47
Tetrachloroethene		27	J	4.6	47
Toluene		7.0	U	7.0	47
trans-1,2-Dichloroethene		6.1	U	6.1	47

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53502.d
Dilution:	50			Initial Weight/Volume:	5.85 g
Analysis Date:	03/19/2013 1352			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		11	U	11	47
Trichloroethene		4.3	U	4.3	47
Trichlorofluoromethane		6.9	U	6.9	47
Vinyl chloride		6.8	U	6.8	47
Xylenes, Total		120	J	17	140

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		75 - 135
Toluene-d8 (Surr)	71		59 - 150
Bromofluorobenzene	83		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53502.d
Dilution:	50			Initial Weight/Volume:	5.85 g
Analysis Date:	03/19/2013 1352			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tetramethylbenzene isomer	11.08	7200	J
	Unknown Aromatic	11.48	5900	J
	Decahydromethylnaphthalene isomer	11.56	6300	J
	Coeluting Aromatics	11.73	8200	J
	Unknown Alkane	11.94	5100	J
	Tetramethylbenzene isomer	12.05	12000	J
	Unknown Aromatic-2	12.33	4600	J
	Unknown Alkane-1	12.51	5100	J
	Unknown Alkane-2	12.73	7400	J
	Unknown Alkane-3	13.63	4700	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53503.d
Dilution:	50			Initial Weight/Volume:	5.93 g
Analysis Date:	03/19/2013 1415			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		3.0	U	3.0	48
1,1,2,2-Tetrachloroethane		7.5	U	7.5	48
1,1,2-Trichloroethane		8.9	U	8.9	48
1,1-Dichloroethane		6.2	U	6.2	48
1,1-Dichloroethene		4.2	U	4.2	48
1,2,3-Trichlorobenzene		92		24	48
1,2,4-Trichlorobenzene		390		16	48
1,2-Dibromo-3-Chloropropane		19	U	19	48
1,2-Dibromoethane		13	U	13	48
1,2-Dichlorobenzene		9.8	U	9.8	48
1,2-Dichloroethane		9.0	U	9.0	48
1,2-Dichloropropane		4.1	U	4.1	48
1,3-Dichlorobenzene		6.5	U	6.5	48
1,4-Dichlorobenzene		11	U	11	48
1,4-Dioxane		1700	U	1700	2400
2-Butanone		110	U	110	240
2-Hexanone		24	U	24	240
4-Methyl-2-pentanone		47	U	47	240
Acetone		130	U	130	240
Benzene		3.9	U	3.9	48
Bromochloromethane		13	U	13	48
Bromodichloromethane		6.0	U	6.0	48
Bromoform		9.1	U	9.1	48
Bromomethane		8.6	U	8.6	48
Carbon disulfide		6.0	U	6.0	48
Carbon tetrachloride		2.7	U	2.7	48
Chlorobenzene		5.3	U	5.3	48
Chloroethane		8.1	U	8.1	48
Chloroform		3.7	U	3.7	48
Chloromethane		4.6	U	4.6	48
cis-1,2-Dichloroethene		8.4	U	8.4	48
cis-1,3-Dichloropropene		8.8	U	8.8	48
Cyclohexane		7.6	U	7.6	48
Dibromochloromethane		9.5	U	9.5	48
Dichlorodifluoromethane		10	U	10	48
Ethylbenzene		4.6	U	4.6	48
Freon TF		3.9	U	3.9	48
Isopropylbenzene		7.7	J	3.7	48
Methyl acetate		16	U	16	95
Methylcyclohexane		86		6.5	48
Methylene Chloride		8.7	U	8.7	48
MTBE		6.6	U	6.6	48
Styrene		5.7	U	5.7	48
Tetrachloroethene		12	J	4.6	48
Toluene		7.1	U	7.1	48
trans-1,2-Dichloroethene		6.1	U	6.1	48

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53503.d
Dilution:	50			Initial Weight/Volume:	5.93 g
Analysis Date:	03/19/2013 1415			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		12	U	12	48
Trichloroethene		4.4	U	4.4	48
Trichlorofluoromethane		7.0	U	7.0	48
Vinyl chloride		6.9	U	6.9	48
Xylenes, Total		17	U	17	140

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		75 - 135
Toluene-d8 (Surr)	73		59 - 150
Bromofluorobenzene	90		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53503.d
Dilution:	50			Initial Weight/Volume:	5.93 g
Analysis Date:	03/19/2013 1415			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	11.12	7900	J
	Decahydromethylnaphthalene isomer	11.56	4200	J
	Unknown Cycloalkane	11.59	4100	J
	Decahydromethylnaphthalene isomer-1	11.73	4500	J
	Unknown Alkane-1	11.94	12000	J
	Unknown Alkane/Unknown	12.05	6900	J
	Unknown Alkane-2	13.43	4600	J
	Unknown Alkane-3	13.63	9500	J
	Unknown Alkane-5	14.74	5800	J
	Dimethylnaphthalene isomer-1	15.17	4000	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30844.d
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	03/23/2013 1200			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1921				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.12	U	0.12	0.93
1,1,2,2-Tetrachloroethane		0.083	U	0.083	0.93
1,1,2-Trichloroethane		0.13	U	0.13	0.93
1,1-Dichloroethane		0.10	U	0.10	0.93
1,1-Dichloroethene		0.18	U	0.18	0.93
1,2,3-Trichlorobenzene		0.15	U	0.15	0.93
1,2,4-Trichlorobenzene		0.18	U	0.18	0.93
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.93
1,2-Dibromoethane		0.14	U	0.14	0.93
1,2-Dichlorobenzene		0.093	U	0.093	0.93
1,2-Dichloroethane		0.17	U	0.17	0.93
1,2-Dichloropropane		0.14	U	0.14	0.93
1,3-Dichlorobenzene		0.15	U	0.15	0.93
1,4-Dichlorobenzene		0.10	U	0.10	0.93
1,4-Dioxane		12	U	12	46
2-Butanone		0.58	U	0.58	9.3
2-Hexanone		0.12	U	0.12	9.3
4-Methyl-2-pentanone		0.19	U	0.19	9.3
Acetone		1.6	U	1.6	9.3
Benzene		0.14	U	0.14	0.93
Bromochloromethane		0.10	U	0.10	0.93
Bromodichloromethane		0.30	U	0.30	0.93
Bromoform		0.16	U	0.16	0.93
Bromomethane		0.40	U	0.40	0.93
Carbon disulfide		0.14	U	0.14	0.93
Carbon tetrachloride		0.14	U	0.14	0.93
Chlorobenzene		0.17	U	0.17	0.93
Chloroethane		0.31	U	0.31	0.93
Chloroform		0.22	U	0.22	0.93
Chloromethane		0.15	U	0.15	0.93
cis-1,2-Dichloroethene		0.10	U	0.10	0.93
cis-1,3-Dichloropropene		0.13	U	0.13	0.93
Cyclohexane		0.12	U	0.12	0.93
Dibromochloromethane		0.093	U	0.093	0.93
Dichlorodifluoromethane		0.20	U	0.20	0.93
Ethylbenzene		0.16	U	0.16	0.93
Freon TF		0.10	U	0.10	0.93
Isopropylbenzene		0.10	U	0.10	0.93
Methyl acetate		0.30	U	0.30	0.93
Methylcyclohexane		0.093	U	0.093	0.93
Methylene Chloride		0.86	J B	0.14	0.93
MTBE		0.10	U	0.10	0.93
Styrene		0.26	U	0.26	0.93
Tetrachloroethene		0.11	U	0.11	0.93
Toluene		0.13	U	0.13	0.93
trans-1,2-Dichloroethene		0.12	U	0.12	0.93

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30844.d
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	03/23/2013 1200			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1921				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.093	U	0.093	0.93
Trichloroethene		0.11	U	0.11	0.93
Trichlorofluoromethane		0.15	U	0.15	0.93
Vinyl chloride		0.32	U	0.32	0.93
Xylenes, Total		0.62	U	0.62	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30844.d
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	03/23/2013 1200			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1921				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	10.75	8.2	J
	Unknown Alkane-1	10.87	11	J
	Unknown Alkane-2	11.27	10	J
	Unknown Alkane-3	11.41	8.7	J
	Unknown Alkane-4	12.00	16	J
	Unknown Alkane-5	12.13	20	J
	Unknown	12.42	15	J
	Unknown Alkane-6	12.71	17	J
	Unknown-1	12.96	8.4	J
	Unknown Alkane-7	13.02	16	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53504.d
Dilution:	50			Initial Weight/Volume:	5.08 g
Analysis Date:	03/19/2013 1437			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		3.4	U	3.4	55
1,1,2,2-Tetrachloroethane		8.7	U	8.7	55
1,1,2-Trichloroethane		10	U	10	55
1,1-Dichloroethane		7.2	U	7.2	55
1,1-Dichloroethene		4.9	U	4.9	55
1,2,3-Trichlorobenzene		580		28	55
1,2,4-Trichlorobenzene		1800		19	55
1,2-Dibromo-3-Chloropropane		22	U	22	55
1,2-Dibromoethane		15	U	15	55
1,2-Dichlorobenzene		11	U	11	55
1,2-Dichloroethane		10	U	10	55
1,2-Dichloropropane		4.7	U	4.7	55
1,3-Dichlorobenzene		7.5	U	7.5	55
1,4-Dichlorobenzene		19	J	13	55
1,4-Dioxane		2000	U	2000	2800
2-Butanone		130	U	130	280
2-Hexanone		28	U	28	280
4-Methyl-2-pentanone		54	U	54	280
Acetone		150	U	150	280
Benzene		4.6	U	4.6	55
Bromochloromethane		15	U	15	55
Bromodichloromethane		6.9	U	6.9	55
Bromoform		11	U	11	55
Bromomethane		10	U	10	55
Carbon disulfide		6.9	U	6.9	55
Carbon tetrachloride		3.1	U	3.1	55
Chlorobenzene		6.1	U	6.1	55
Chloroethane		9.3	U	9.3	55
Chloroform		9.8	J	4.3	55
Chloromethane		5.3	U	5.3	55
cis-1,2-Dichloroethene		9.8	U	9.8	55
cis-1,3-Dichloropropene		10	U	10	55
Cyclohexane		8.8	U	8.8	55
Dibromochloromethane		11	U	11	55
Dichlorodifluoromethane		12	U	12	55
Ethylbenzene		5.3	U	5.3	55
Freon TF		4.5	U	4.5	55
Isopropylbenzene		4.2	U	4.2	55
Methyl acetate		19	U	19	110
Methylcyclohexane		50	J	7.5	55
Methylene Chloride		10	U	10	55
MTBE		7.6	U	7.6	55
Styrene		6.5	U	6.5	55
Tetrachloroethene		19	J	5.4	55
Toluene		8.2	U	8.2	55
trans-1,2-Dichloroethene		7.1	U	7.1	55

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53504.d
Dilution:	50			Initial Weight/Volume:	5.08 g
Analysis Date:	03/19/2013 1437			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		13	U	13	55
Trichloroethene		5.1	U	5.1	55
Trichlorofluoromethane		8.1	U	8.1	55
Vinyl chloride		8.0	U	8.0	55
Xylenes, Total		52	J	20	170

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		75 - 135
Toluene-d8 (Surr)	70		59 - 150
Bromofluorobenzene	80		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53504.d
Dilution:	50			Initial Weight/Volume:	5.08 g
Analysis Date:	03/19/2013 1437			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.48	6300	J N
	Decahydromethylnaphthalene isomer	11.56	10000	J
	Decahydromethylnaphthalene isomer-1	11.73	11000	J
	C11H16 Aromatic	11.78	5100	J
	Unknown Aromatic/Unknown	12.05	11000	J
	Unknown	12.15	13000	J
	Unknown Alkane	12.51	6300	J
	Unknown Alkane-1	12.73	6800	J
	Unknown Alkane-3	13.63	4900	J
	Unknown Alkane-4	14.74	5200	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30845.d
Dilution:	1.0			Initial Weight/Volume:	5.61 g
Analysis Date:	03/23/2013 1223			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1926				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.0
1,1,2,2-Tetrachloroethane		0.094	U	0.094	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0
1,1-Dichloroethane		0.12	U	0.12	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.17	U	0.17	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.0
1,2-Dibromoethane		0.16	U	0.16	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,2-Dichloroethane		0.19	U	0.19	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
1,3-Dichlorobenzene		0.17	U	0.17	1.0
1,4-Dichlorobenzene		0.12	U	0.12	1.0
1,4-Dioxane		13	U	13	52
2-Butanone		0.66	U	0.66	10
2-Hexanone		0.14	U	0.14	10
4-Methyl-2-pentanone		0.21	U	0.21	10
Acetone		1.8	U	1.8	10
Benzene		0.16	U	0.16	1.0
Bromochloromethane		0.12	U	0.12	1.0
Bromodichloromethane		0.34	U	0.34	1.0
Bromoform		0.18	U	0.18	1.0
Bromomethane		0.45	U	0.45	1.0
Carbon disulfide		0.16	U	0.16	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Chlorobenzene		0.19	U	0.19	1.0
Chloroethane		0.35	U	0.35	1.0
Chloroform		10		0.25	1.0
Chloromethane		0.17	U	0.17	1.0
cis-1,2-Dichloroethene		0.12	U	0.12	1.0
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
Cyclohexane		0.14	U	0.14	1.0
Dibromochloromethane		0.10	U	0.10	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Ethylbenzene		0.25	J	0.18	1.0
Freon TF		0.12	U	0.12	1.0
Isopropylbenzene		0.12	U	0.12	1.0
Methyl acetate		0.34	U	0.34	1.0
Methylcyclohexane		1.7		0.10	1.0
Methylene Chloride		0.91	J B	0.16	1.0
MTBE		0.12	U	0.12	1.0
Styrene		0.29	U	0.29	1.0
Tetrachloroethene		0.13	U	0.13	1.0
Toluene		0.32	J	0.15	1.0
trans-1,2-Dichloroethene		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30845.d
Dilution:	1.0			Initial Weight/Volume:	5.61 g
Analysis Date:	03/23/2013 1223			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1926				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
Trichloroethene		0.13	U	0.13	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
Vinyl chloride		0.36	U	0.36	1.0
Xylenes, Total		2.2	J	0.70	3.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	99		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30845.d
Dilution:	1.0			Initial Weight/Volume:	5.61 g
Analysis Date:	03/23/2013 1223			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1926				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane-2	10.00	290	J
	C12H26 Alkane	10.75	230	J
	Unknown Alkane	10.87	220	J
	Coeluting Unknowns	11.14	190	J
	C11H14 Aromatic	11.19	98	J
	C13H28 Alkane	11.42	140	J
	C11H14 Aromatic-1	11.69	110	J
	C14H30 Alkane	12.13	140	J
	Unknown Alkane-2	12.72	100	J
	Unknown Alkane-3	13.03	120	H J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30846.d
Dilution:	1.0			Initial Weight/Volume:	6.36 g
Analysis Date:	03/23/2013 1245			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1929				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	0.97
1,1,2,2-Tetrachloroethane		0.087	U	0.087	0.97
1,1,2-Trichloroethane		0.14	U	0.14	0.97
1,1-Dichloroethane		0.11	U	0.11	0.97
1,1-Dichloroethene		2.1		0.18	0.97
1,2,3-Trichlorobenzene		0.16	U	0.16	0.97
1,2,4-Trichlorobenzene		0.18	U	0.18	0.97
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.97
1,2-Dibromoethane		0.15	U	0.15	0.97
1,2-Dichlorobenzene		1.8		0.097	0.97
1,2-Dichloroethane		0.17	U	0.17	0.97
1,2-Dichloropropane		0.15	U	0.15	0.97
1,3-Dichlorobenzene		0.16	U	0.16	0.97
1,4-Dichlorobenzene		0.38	J	0.11	0.97
1,4-Dioxane		12	U	12	49
2-Butanone		21		0.61	9.7
2-Hexanone		0.13	U	0.13	9.7
4-Methyl-2-pentanone		0.19	U	0.19	9.7
Acetone		56	B	1.6	9.7
Benzene		0.55	J	0.15	0.97
Bromochloromethane		0.11	U	0.11	0.97
Bromodichloromethane		0.31	U	0.31	0.97
Bromoform		0.16	U	0.16	0.97
Bromomethane		0.42	U	0.42	0.97
Carbon disulfide		1.8		0.15	0.97
Carbon tetrachloride		0.15	U	0.15	0.97
Chlorobenzene		21		0.17	0.97
Chloroethane		0.32	U	0.32	0.97
Chloroform		0.23	U	0.23	0.97
Chloromethane		0.16	U	0.16	0.97
cis-1,2-Dichloroethene		50		0.11	0.97
cis-1,3-Dichloropropene		0.14	U	0.14	0.97
Cyclohexane		0.25	J	0.13	0.97
Dibromochloromethane		0.097	U	0.097	0.97
Dichlorodifluoromethane		0.21	U	0.21	0.97
Ethylbenzene		31		0.16	0.97
Freon TF		0.11	U	0.11	0.97
Isopropylbenzene		0.90	J	0.11	0.97
Methyl acetate		0.31	U	0.31	0.97
Methylcyclohexane		0.097	U	0.097	0.97
Methylene Chloride		0.81	J B	0.15	0.97
MTBE		0.11	U	0.11	0.97
Styrene		0.27	U	0.27	0.97
Tetrachloroethene		17		0.12	0.97
Toluene		1.2		0.14	0.97
trans-1,2-Dichloroethene		27		0.13	0.97

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30846.d
Dilution:	1.0			Initial Weight/Volume:	6.36 g
Analysis Date:	03/23/2013 1245			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1929				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.097	U	0.097	0.97
Trichloroethene		1200	E	0.12	0.97
Trichlorofluoromethane		0.16	U	0.16	0.97
Vinyl chloride		0.33	U	0.33	0.97
Xylenes, Total		8.8		0.65	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	73		70 - 130
Toluene-d8 (Surr)	119		70 - 130
Bromofluorobenzene	130		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30846.d
Dilution:	1.0			Initial Weight/Volume:	6.36 g
Analysis Date:	03/23/2013 1245			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1929				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53782.d
Dilution:	50			Initial Weight/Volume:	4.59 g
Analysis Date:	03/25/2013 1051	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		4.2	U	4.2	67
1,1,2,2-Tetrachloroethane		11	U	11	67
1,1,2-Trichloroethane		13	U	13	67
1,1-Dichloroethane		8.8	U	8.8	67
1,1-Dichloroethene		5.9	U	5.9	67
1,2,3-Trichlorobenzene		34	U	34	67
1,2,4-Trichlorobenzene		23	U	23	67
1,2-Dibromo-3-Chloropropane		27	U	27	67
1,2-Dibromoethane		19	U	19	67
1,2-Dichlorobenzene		14	U	14	67
1,2-Dichloroethane		13	U	13	67
1,2-Dichloropropane		5.8	U	5.8	67
1,3-Dichlorobenzene		9.1	U	9.1	67
1,4-Dichlorobenzene		16	U	16	67
1,4-Dioxane		2400	U	2400	3400
2-Butanone		160	U	160	340
2-Hexanone		34	U	34	340
4-Methyl-2-pentanone		66	U	66	340
Acetone		180	U	180	340
Benzene		5.6	U	5.6	67
Bromochloromethane		18	U	18	67
Bromodichloromethane		8.4	U	8.4	67
Bromoform		13	U	13	67
Bromomethane		12	U	12	67
Carbon disulfide		8.4	U	8.4	67
Carbon tetrachloride		3.8	U	3.8	67
Chlorobenzene		18	J D	7.4	67
Chloroethane		11	U	11	67
Chloroform		5.3	U	5.3	67
Chloromethane		6.5	U	6.5	67
cis-1,2-Dichloroethene		29	J D	12	67
cis-1,3-Dichloropropene		12	U	12	67
Cyclohexane		11	U	11	67
Dibromochloromethane		13	U	13	67
Dichlorodifluoromethane		14	U	14	67
Ethylbenzene		25	J D	6.4	67
Freon TF		5.5	U	5.5	67
Isopropylbenzene		5.2	U	5.2	67
Methyl acetate		23	U	23	130
Methylcyclohexane		9.1	U	9.1	67
Methylene Chloride		12	U	12	67
MTBE		9.3	U	9.3	67
Styrene		8.0	U	8.0	67
Tetrachloroethene		23	J D	6.5	67
Toluene		10	U	10	67
trans-1,2-Dichloroethene		8.7	U	8.7	67

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53782.d
Dilution:	50			Initial Weight/Volume:	4.59 g
Analysis Date:	03/25/2013 1051	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		16	U	16	67
Trichloroethene		360	D	6.2	67
Trichlorofluoromethane		9.8	U	9.8	67
Vinyl chloride		9.7	U	9.7	67
Xylenes, Total		24	U	24	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	D	75 - 135
Toluene-d8 (Surr)	85	D	59 - 150
Bromofluorobenzene	108	D	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53782.d
Dilution:	50			Initial Weight/Volume:	4.59 g
Analysis Date:	03/25/2013 1051	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30856.d
Dilution:	1.0			Initial Weight/Volume:	4.61 g
Analysis Date:	03/23/2013 1637			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1932				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.2
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.2
1,1,2-Trichloroethane		0.16	U	0.16	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.18	U	0.18	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2-Dibromo-3-Chloropropane		0.51	U	0.51	1.2
1,2-Dibromoethane		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,2-Dichloroethane		0.21	U	0.21	1.2
1,2-Dichloropropane		0.17	U	0.17	1.2
1,3-Dichlorobenzene		0.52	J	0.18	1.2
1,4-Dichlorobenzene		10		0.13	1.2
1,4-Dioxane		15	U	15	58
2-Butanone		0.73	U	0.73	12
2-Hexanone		0.15	U	0.15	12
4-Methyl-2-pentanone		0.23	U	0.23	12
Acetone		2.0	U	2.0	12
Benzene		0.17	U	0.17	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.37	U	0.37	1.2
Bromoform		0.20	U	0.20	1.2
Bromomethane		0.50	U	0.50	1.2
Carbon disulfide		0.17	U	0.17	1.2
Carbon tetrachloride		0.17	U	0.17	1.2
Chlorobenzene		0.21	U	0.21	1.2
Chloroethane		0.38	U	0.38	1.2
Chloroform		0.47	J	0.28	1.2
Chloromethane		0.18	U	0.18	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
cis-1,3-Dichloropropene		0.16	U	0.16	1.2
Cyclohexane		0.15	U	0.15	1.2
Dibromochloromethane		0.12	U	0.12	1.2
Dichlorodifluoromethane		0.25	U	0.25	1.2
Ethylbenzene		0.24	J	0.20	1.2
Freon TF		0.13	U	0.13	1.2
Isopropylbenzene		0.13	U	0.13	1.2
Methyl acetate		0.37	U	0.37	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Methylene Chloride		1.2	B	0.17	1.2
MTBE		0.13	U	0.13	1.2
Styrene		0.32	U	0.32	1.2
Tetrachloroethene		0.29	J	0.14	1.2
Toluene		0.16	U	0.16	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30856.d
Dilution:	1.0			Initial Weight/Volume:	4.61 g
Analysis Date:	03/23/2013 1637			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1932				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Trichloroethene		0.14	U	0.14	1.2
Trichlorofluoromethane		0.18	U	0.18	1.2
Vinyl chloride		0.39	U	0.39	1.2
Xylenes, Total		1.1	J	0.77	3.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	98		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30856.d
Dilution:	1.0			Initial Weight/Volume:	4.61 g
Analysis Date:	03/23/2013 1637			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1932				

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	10.29	7.6	J
	Unknown Alkane	10.75	17	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53505.d
Dilution:	50			Initial Weight/Volume:	7.2 g
Analysis Date:	03/19/2013 1459			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		2.4	U	2.4	39
1,1,2,2-Tetrachloroethane		6.2	U	6.2	39
1,1,2-Trichloroethane		7.4	U	7.4	39
1,1-Dichloroethane		5.1	U	5.1	39
1,1-Dichloroethene		3.5	U	3.5	39
1,2,3-Trichlorobenzene		20	U	20	39
1,2,4-Trichlorobenzene		93		13	39
1,2-Dibromo-3-Chloropropane		16	U	16	39
1,2-Dibromoethane		11	U	11	39
1,2-Dichlorobenzene		23	J	8.1	39
1,2-Dichloroethane		7.4	U	7.4	39
1,2-Dichloropropane		3.4	U	3.4	39
1,3-Dichlorobenzene		22	J	5.3	39
1,4-Dichlorobenzene		210		9.1	39
1,4-Dioxane		1400	U	1400	2000
2-Butanone		91	U	91	200
2-Hexanone		20	U	20	200
4-Methyl-2-pentanone		39	U	39	200
Acetone		110	U	110	200
Benzene		3.2	U	3.2	39
Bromochloromethane		11	U	11	39
Bromodichloromethane		4.9	U	4.9	39
Bromoform		7.5	U	7.5	39
Bromomethane		7.1	U	7.1	39
Carbon disulfide		4.9	U	4.9	39
Carbon tetrachloride		2.2	U	2.2	39
Chlorobenzene		4.3	U	4.3	39
Chloroethane		6.6	U	6.6	39
Chloroform		3.1	U	3.1	39
Chloromethane		3.8	U	3.8	39
cis-1,2-Dichloroethene		7.0	U	7.0	39
cis-1,3-Dichloropropene		7.2	U	7.2	39
Cyclohexane		6.2	U	6.2	39
Dibromochloromethane		7.8	U	7.8	39
Dichlorodifluoromethane		8.5	U	8.5	39
Ethylbenzene		3.8	U	3.8	39
Freon TF		3.2	U	3.2	39
Isopropylbenzene		3.0	U	3.0	39
Methyl acetate		13	U	13	79
Methylcyclohexane		350		5.3	39
Methylene Chloride		7.2	U	7.2	39
MTBE		5.4	U	5.4	39
Styrene		4.7	U	4.7	39
Tetrachloroethene		3.8	U	3.8	39
Toluene		5.9	U	5.9	39
trans-1,2-Dichloroethene		5.1	U	5.1	39

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53505.d
Dilution:	50			Initial Weight/Volume:	7.2 g
Analysis Date:	03/19/2013 1459			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		9.5	U	9.5	39
Trichloroethene		3.6	U	3.6	39
Trichlorofluoromethane		5.7	U	5.7	39
Vinyl chloride		5.7	U	5.7	39
Xylenes, Total		120		14	120

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		75 - 135
Toluene-d8 (Surr)	70		59 - 150
Bromofluorobenzene	84		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53505.d
Dilution:	50			Initial Weight/Volume:	7.2 g
Analysis Date:	03/19/2013 1459			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethyldimethylbenzene isomer	11.08	5400	J
	Unknown Aromatic	11.48	5500	J
	Unknown Aromatic/Unknown	11.73	6000	J
	C10H14 Aromatic	12.05	9800	J
	C11H16 Aromatic	12.33	4400	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.89	4300	J
	Tetrahydromethylnaphthalene isomer	13.08	5400	J
	Tetrahydrodimethylnaphthalene isomer	13.24	6900	J
	Unknown Alkane-1	13.63	4400	J
	Unknown Alkane-2	14.74	5000	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30848.d
Dilution:	1.0			Initial Weight/Volume:	5.62 g
Analysis Date:	03/23/2013 1331			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1937				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.17	U	0.17	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.0
1,2-Dibromoethane		0.16	U	0.16	1.0
1,2-Dichlorobenzene		3.6		0.10	1.0
1,2-Dichloroethane		0.19	U	0.19	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
1,3-Dichlorobenzene		1.3		0.17	1.0
1,4-Dichlorobenzene		15		0.11	1.0
1,4-Dioxane		13	U	13	52
2-Butanone		0.65	U	0.65	10
2-Hexanone		0.13	U	0.13	10
4-Methyl-2-pentanone		0.21	U	0.21	10
Acetone		1.8	U	1.8	10
Benzene		0.16	U	0.16	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0
Bromoform		0.18	U	0.18	1.0
Bromomethane		0.45	U	0.45	1.0
Carbon disulfide		7.6		0.16	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Chlorobenzene		0.19	U	0.19	1.0
Chloroethane		0.34	U	0.34	1.0
Chloroform		0.25	U	0.25	1.0
Chloromethane		0.17	U	0.17	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
Cyclohexane		0.13	U	0.13	1.0
Dibromochloromethane		0.10	U	0.10	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Ethylbenzene		140		0.18	1.0
Freon TF		0.11	U	0.11	1.0
Isopropylbenzene		32		0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
Methylcyclohexane		83		0.10	1.0
Methylene Chloride		0.16	U	0.16	1.0
MTBE		0.11	U	0.11	1.0
Styrene		0.29	U	0.29	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Toluene		1.4		0.15	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30848.d
Dilution:	1.0			Initial Weight/Volume:	5.62 g
Analysis Date:	03/23/2013 1331			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1937				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
Trichloroethene		0.12	U	0.12	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
Vinyl chloride		0.35	U	0.35	1.0
Xylenes, Total		63		0.70	3.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
Toluene-d8 (Surr)	104		70 - 130
Bromofluorobenzene	101		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30848.d
Dilution:	1.0			Initial Weight/Volume:	5.62 g
Analysis Date:	03/23/2013 1331			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1937				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	4.05	310	J
	C9H12 Aromatic	9.17	400	J
95-63-6	1,2,4-Trimethylbenzene	9.54	460	
	C10H14 Aromatic	9.98	310	J
	C10H14 Aromatic-1	10.02	420	J
	C10H14 Aromatic-2	10.25	420	J
	Coeluting Aromatics	10.88	560	J
	Coeluting Aromatics-1	11.14	490	J
	C11H14 Aromatic	11.69	310	J
91-57-6	Naphthalene, 2-methyl-	12.30	340	J N

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71647.d
Dilution:	1.0			Initial Weight/Volume:	5.96 g
Analysis Date:	03/25/2013 2007			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1941				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.12	U	0.12	0.90
1,1,2,2-Tetrachloroethane		0.081	U	0.081	0.90
1,1,2-Trichloroethane		0.13	U	0.13	0.90
1,1-Dichloroethane		0.10	U	0.10	0.90
1,1-Dichloroethene		0.17	U	0.17	0.90
1,2,3-Trichlorobenzene		0.46	J	0.14	0.90
1,2,4-Trichlorobenzene		1.4		0.17	0.90
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.90
1,2-Dibromoethane		0.14	U	0.14	0.90
1,2-Dichlorobenzene		0.090	U	0.090	0.90
1,2-Dichloroethane		0.16	U	0.16	0.90
1,2-Dichloropropane		0.14	U	0.14	0.90
1,3-Dichlorobenzene		0.14	U	0.14	0.90
1,4-Dichlorobenzene		0.10	U	0.10	0.90
1,4-Dioxane		11	U	11	45
2-Butanone		0.57	U	0.57	9.0
2-Hexanone		0.12	U	0.12	9.0
4-Methyl-2-pentanone		0.18	U	0.18	9.0
Acetone		32	B	1.5	9.0
Benzene		0.14	U	0.14	0.90
Bromochloromethane		0.10	U	0.10	0.90
Bromodichloromethane		0.29	U	0.29	0.90
Bromoform		0.15	U	0.15	0.90
Bromomethane		0.39	U	0.39	0.90
Carbon disulfide		0.14	U	0.14	0.90
Carbon tetrachloride		0.14	U	0.14	0.90
Chlorobenzene		0.16	U	0.16	0.90
Chloroethane		0.37	J	0.30	0.90
Chloroform		0.67	J	0.22	0.90
Chloromethane		1.2		0.14	0.90
cis-1,2-Dichloroethene		0.10	U	0.10	0.90
cis-1,3-Dichloropropene		0.13	U	0.13	0.90
Cyclohexane		0.12	U	0.12	0.90
Dibromochloromethane		0.090	U	0.090	0.90
Dichlorodifluoromethane		0.20	U	0.20	0.90
Ethylbenzene		0.15	U	0.15	0.90
Freon TF		0.10	U	0.10	0.90
Isopropylbenzene		0.10	U	0.10	0.90
Methyl acetate		0.29	U	0.29	0.90
Methylcyclohexane		0.090	U	0.090	0.90
Methylene Chloride		0.80	J B	0.14	0.90
MTBE		0.10	U	0.10	0.90
Styrene		0.25	U	0.25	0.90
Tetrachloroethene		0.38	J	0.11	0.90
Toluene		0.13	U	0.13	0.90
trans-1,2-Dichloroethene		0.12	U	0.12	0.90

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71647.d
Dilution:	1.0			Initial Weight/Volume:	5.96 g
Analysis Date:	03/25/2013 2007			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1941				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.090	U	0.090	0.90
Trichloroethene		0.32	J	0.11	0.90
Trichlorofluoromethane		0.14	U	0.14	0.90
Vinyl chloride		0.31	U	0.31	0.90
Xylenes, Total		0.61	U	0.61	2.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	92		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71647.d
Dilution:	1.0			Initial Weight/Volume:	5.96 g
Analysis Date:	03/25/2013 2007			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1941				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71648.d
Dilution:	1.0			Initial Weight/Volume:	5.89 g
Analysis Date:	03/25/2013 2032			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1944				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.12	U	0.12	0.95
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,2,3-Trichlorobenzene		2.5		0.15	0.95
1,2,4-Trichlorobenzene		3.1		0.18	0.95
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,2-Dibromoethane		0.14	U	0.14	0.95
1,2-Dichlorobenzene		0.095	U	0.095	0.95
1,2-Dichloroethane		0.17	U	0.17	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
1,3-Dichlorobenzene		0.15	U	0.15	0.95
1,4-Dichlorobenzene		0.10	U	0.10	0.95
1,4-Dioxane		12	U	12	47
2-Butanone		1.0	J	0.60	9.5
2-Hexanone		0.12	U	0.12	9.5
4-Methyl-2-pentanone		0.19	U	0.19	9.5
Acetone		4.8	J B	1.6	9.5
Benzene		0.14	U	0.14	0.95
Bromochloromethane		0.10	U	0.10	0.95
Bromodichloromethane		0.30	U	0.30	0.95
Bromoform		0.16	U	0.16	0.95
Bromomethane		0.41	U	0.41	0.95
Carbon disulfide		0.14	U	0.14	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Chlorobenzene		0.17	U	0.17	0.95
Chloroethane		0.31	U	0.31	0.95
Chloroform		0.23	U	0.23	0.95
Chloromethane		0.15	U	0.15	0.95
cis-1,2-Dichloroethene		0.34	J	0.10	0.95
cis-1,3-Dichloropropene		0.13	U	0.13	0.95
Cyclohexane		0.12	U	0.12	0.95
Dibromochloromethane		0.095	U	0.095	0.95
Dichlorodifluoromethane		0.21	U	0.21	0.95
Ethylbenzene		0.16	U	0.16	0.95
Freon TF		0.10	U	0.10	0.95
Isopropylbenzene		0.10	U	0.10	0.95
Methyl acetate		0.30	U	0.30	0.95
Methylcyclohexane		0.095	U	0.095	0.95
Methylene Chloride		1.0	B	0.14	0.95
MTBE		0.10	U	0.10	0.95
Styrene		0.27	U	0.27	0.95
Tetrachloroethene		0.11	U	0.11	0.95
Toluene		0.13	U	0.13	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71648.d
Dilution:	1.0			Initial Weight/Volume:	5.89 g
Analysis Date:	03/25/2013 2032			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1944				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.095	U	0.095	0.95
Trichloroethene		0.11	U	0.11	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
Vinyl chloride		0.32	U	0.32	0.95
Xylenes, Total		0.64	U	0.64	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	99		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71648.d
Dilution:	1.0			Initial Weight/Volume:	5.89 g
Analysis Date:	03/25/2013 2032			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1944				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30851.d
Dilution:	1.0			Initial Weight/Volume:	6.44 g
Analysis Date:	03/23/2013 1440			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1945				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.11	U	0.11	0.87
1,1,2,2-Tetrachloroethane		0.078	U	0.078	0.87
1,1,2-Trichloroethane		0.12	U	0.12	0.87
1,1-Dichloroethane		0.095	U	0.095	0.87
1,1-Dichloroethene		0.16	U	0.16	0.87
1,2,3-Trichlorobenzene		0.14	U	0.14	0.87
1,2,4-Trichlorobenzene		0.16	U	0.16	0.87
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.87
1,2-Dibromoethane		0.13	U	0.13	0.87
1,2-Dichlorobenzene		0.087	U	0.087	0.87
1,2-Dichloroethane		0.16	U	0.16	0.87
1,2-Dichloropropane		0.13	U	0.13	0.87
1,3-Dichlorobenzene		0.14	U	0.14	0.87
1,4-Dichlorobenzene		0.095	U	0.095	0.87
1,4-Dioxane		11	U	11	43
2-Butanone		0.55	U	0.55	8.7
2-Hexanone		0.11	U	0.11	8.7
4-Methyl-2-pentanone		0.17	U	0.17	8.7
Acetone		1.5	U	1.5	8.7
Benzene		0.13	U	0.13	0.87
Bromochloromethane		0.095	U	0.095	0.87
Bromodichloromethane		0.28	U	0.28	0.87
Bromoform		0.15	U	0.15	0.87
Bromomethane		0.37	U	0.37	0.87
Carbon disulfide		0.13	U	0.13	0.87
Carbon tetrachloride		0.13	U	0.13	0.87
Chlorobenzene		0.16	U	0.16	0.87
Chloroethane		0.29	U	0.29	0.87
Chloroform		0.73	J	0.21	0.87
Chloromethane		0.14	U	0.14	0.87
cis-1,2-Dichloroethene		0.095	U	0.095	0.87
cis-1,3-Dichloropropene		0.12	U	0.12	0.87
Cyclohexane		0.11	U	0.11	0.87
Dibromochloromethane		0.087	U	0.087	0.87
Dichlorodifluoromethane		0.19	U	0.19	0.87
Ethylbenzene		0.15	U	0.15	0.87
Freon TF		0.095	U	0.095	0.87
Isopropylbenzene		0.095	U	0.095	0.87
Methyl acetate		0.28	U	0.28	0.87
Methylcyclohexane		0.087	U	0.087	0.87
Methylene Chloride		0.82	J B	0.13	0.87
MTBE		0.095	U	0.095	0.87
Styrene		0.24	U	0.24	0.87
Tetrachloroethene		0.10	U	0.10	0.87
Toluene		0.12	U	0.12	0.87
trans-1,2-Dichloroethene		0.11	U	0.11	0.87

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30851.d
Dilution:	1.0			Initial Weight/Volume:	6.44 g
Analysis Date:	03/23/2013 1440			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1945				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.087	U	0.087	0.87
Trichloroethene		0.10	U	0.10	0.87
Trichlorofluoromethane		0.14	U	0.14	0.87
Vinyl chloride		0.29	U	0.29	0.87
Xylenes, Total		0.58	U	0.58	2.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30851.d
Dilution:	1.0			Initial Weight/Volume:	6.44 g
Analysis Date:	03/23/2013 1440			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1945				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53610.d
Dilution:	50			Initial Weight/Volume:	5.72 g
Analysis Date:	03/21/2013 0903			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		3.0	U	3.0	49
1,1,2,2-Tetrachloroethane		7.6	U	7.6	49
1,1,2-Trichloroethane		9.1	U	9.1	49
1,1-Dichloroethane		6.3	U	6.3	49
1,1-Dichloroethene		4.3	U	4.3	49
1,2,3-Trichlorobenzene		370		25	49
1,2,4-Trichlorobenzene		1700		17	49
1,2-Dibromo-3-Chloropropane		19	U *	19	49
1,2-Dibromoethane		13	U	13	49
1,2-Dichlorobenzene		17	J	9.9	49
1,2-Dichloroethane		9.2	U	9.2	49
1,2-Dichloropropane		4.2	U	4.2	49
1,3-Dichlorobenzene		6.6	U	6.6	49
1,4-Dichlorobenzene		16	J	11	49
1,4-Dioxane		1700	U	1700	2400
2-Butanone		110	U	110	240
2-Hexanone		24	U	24	240
4-Methyl-2-pentanone		48	U	48	240
Acetone		130	U	130	240
Benzene		4.0	U	4.0	49
Bromochloromethane		13	U	13	49
Bromodichloromethane		6.1	U	6.1	49
Bromoform		9.3	U	9.3	49
Bromomethane		8.8	U	8.8	49
Carbon disulfide		6.1	U	6.1	49
Carbon tetrachloride		2.8	U	2.8	49
Chlorobenzene		5.3	U	5.3	49
Chloroethane		8.2	U	8.2	49
Chloroform		3.8	U	3.8	49
Chloromethane		4.7	U	4.7	49
cis-1,2-Dichloroethene		8.6	U	8.6	49
cis-1,3-Dichloropropene		8.9	U	8.9	49
Cyclohexane		7.7	U	7.7	49
Dibromochloromethane		9.7	U	9.7	49
Dichlorodifluoromethane		10	U	10	49
Ethylbenzene		7.2	J	4.6	49
Freon TF		4.0	U	4.0	49
Isopropylbenzene		13	J	3.7	49
Methyl acetate		16	U	16	97
Methylcyclohexane		97		6.6	49
Methylene Chloride		8.8	U	8.8	49
MTBE		6.7	U	6.7	49
Styrene		5.8	U	5.8	49
Tetrachloroethene		54		4.7	49
Toluene		7.5	J	7.3	49
trans-1,2-Dichloroethene		6.3	U	6.3	49

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53610.d
Dilution:	50			Initial Weight/Volume:	5.72 g
Analysis Date:	03/21/2013 0903			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		12	U	12	49
Trichloroethene		22	J	4.5	49
Trichlorofluoromethane		7.1	U	7.1	49
Vinyl chloride		7.0	U	7.0	49
Xylenes, Total		150		17	150

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74	X	75 - 135
Toluene-d8 (Surr)	67		59 - 150
Bromofluorobenzene	81		72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Prep Method:	5035	Prep Batch:	460-151444	Lab File ID:	b53610.d
Dilution:	50			Initial Weight/Volume:	5.72 g
Analysis Date:	03/21/2013 0903			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1807				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydronaphthalene isomer	11.06	9900	J
	Unknown Aromatic	11.48	12000	J
	Decahydromethylnaphthalene isomer	11.56	13000	J
	Unknown Aromatic/Unknown	11.73	14000	J
	Unknown Alkane-1	11.94	15000	J
	C10H14 Aromatic/Unknown	12.05	25000	J
	Unknown-1	12.15	7000	J
	Unknown Alkane-2	12.51	13000	J
	Unknown Alkane-3	12.73	15000	J
	Tetrahydrodimethylnaphthalene isomer	13.24	12000	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30852.d
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	03/23/2013 1503			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1951				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane		0.092	U	0.092	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,2-Dichloroethane		0.18	U	0.18	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,4-Dioxane		13	U	13	51
2-Butanone		0.65	U	0.65	10
2-Hexanone		0.13	U	0.13	10
4-Methyl-2-pentanone		0.21	U	0.21	10
Acetone		1.7	U	1.7	10
Benzene		0.15	U	0.15	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0
Bromoform		0.17	U	0.17	1.0
Bromomethane		0.44	U	0.44	1.0
Carbon disulfide		0.15	U	0.15	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Chlorobenzene		0.18	U	0.18	1.0
Chloroethane		0.34	U	0.34	1.0
Chloroform		0.25	U	0.25	1.0
Chloromethane		0.16	U	0.16	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
Cyclohexane		0.13	U	0.13	1.0
Dibromochloromethane		0.10	U	0.10	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Ethylbenzene		0.17	U	0.17	1.0
Freon TF		0.11	U	0.11	1.0
Isopropylbenzene		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Methylene Chloride		1.9	B	0.15	1.0
MTBE		0.11	U	0.11	1.0
Styrene		0.29	U	0.29	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30852.d
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	03/23/2013 1503			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1951				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
Trichloroethene		0.12	U	0.12	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
Vinyl chloride		0.35	U	0.35	1.0
Xylenes, Total		0.69	U	0.69	3.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	99		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30852.d
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	03/23/2013 1503			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1951				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71650.d
Dilution:	1.0			Initial Weight/Volume:	6.35 g
Analysis Date:	03/25/2013 2122			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1955				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.11	U	0.11	0.86
1,1,2,2-Tetrachloroethane		0.078	U	0.078	0.86
1,1,2-Trichloroethane		0.12	U	0.12	0.86
1,1-Dichloroethane		0.095	U	0.095	0.86
1,1-Dichloroethene		0.16	U	0.16	0.86
1,2,3-Trichlorobenzene		44		0.14	0.86
1,2,4-Trichlorobenzene		300		0.16	0.86
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.86
1,2-Dibromoethane		0.13	U	0.13	0.86
1,2-Dichlorobenzene		1.9		0.086	0.86
1,2-Dichloroethane		0.16	U	0.16	0.86
1,2-Dichloropropane		0.13	U	0.13	0.86
1,3-Dichlorobenzene		2.3		0.14	0.86
1,4-Dichlorobenzene		12		0.095	0.86
1,4-Dioxane		11	U	11	43
2-Butanone		300		0.54	8.6
2-Hexanone		620		0.11	8.6
4-Methyl-2-pentanone		51		0.17	8.6
Acetone		730	B	1.5	8.6
Benzene		0.68	J	0.13	0.86
Bromochloromethane		0.095	U	0.095	0.86
Bromodichloromethane		0.28	U	0.28	0.86
Bromoform		0.15	U	0.15	0.86
Bromomethane		0.37	U	0.37	0.86
Carbon disulfide		0.13	U	0.13	0.86
Carbon tetrachloride		0.13	U	0.13	0.86
Chlorobenzene		1.7		0.16	0.86
Chloroethane		0.43	J	0.29	0.86
Chloroform		0.96		0.21	0.86
Chloromethane		0.14	U	0.14	0.86
cis-1,2-Dichloroethene		0.095	U	0.095	0.86
cis-1,3-Dichloropropene		0.12	U	0.12	0.86
Cyclohexane		1.4		0.11	0.86
Dibromochloromethane		0.086	U	0.086	0.86
Dichlorodifluoromethane		0.19	U	0.19	0.86
Ethylbenzene		0.90		0.15	0.86
Freon TF		0.095	U	0.095	0.86
Isopropylbenzene		0.095	U	0.095	0.86
Methyl acetate		0.28	U	0.28	0.86
Methylcyclohexane		3.4		0.086	0.86
Methylene Chloride		0.13	U	0.13	0.86
MTBE		0.095	U	0.095	0.86
Styrene		0.24	U	0.24	0.86
Tetrachloroethene		19		0.10	0.86
Toluene		2.7		0.12	0.86
trans-1,2-Dichloroethene		0.11	U	0.11	0.86

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71650.d
Dilution:	1.0			Initial Weight/Volume:	6.35 g
Analysis Date:	03/25/2013 2122			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1955				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.086	U	0.086	0.86
Trichloroethene		2.9		0.10	0.86
Trichlorofluoromethane		0.14	U	0.14	0.86
Vinyl chloride		0.29	U	0.29	0.86
Xylenes, Total		2.3	J	0.58	2.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	111		70 - 130
Bromofluorobenzene	62	X	70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71650.d
Dilution:	1.0			Initial Weight/Volume:	6.35 g
Analysis Date:	03/25/2013 2122			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1955				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.79	360	J
	C10H20 Alkene	9.29	780	J
	Unknown	9.88	430	J
	Unknown Ketone	9.98	450	J
	Unknown-1	11.19	500	J
	Decahydronaphthalene isomer	11.45	750	J
	C11H22 Cycloalkane	11.77	1000	J
	Unknown Alkane-2	12.13	450	J
	Decahydromethylnaphthalene isomer	12.28	770	J
	Decahydromethylnaphthalene isomer-1	12.51	1000	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30854.d
Dilution:	1.0			Initial Weight/Volume:	6.8 g
Analysis Date:	03/23/2013 1549			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1956				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.11	U	0.11	0.84
1,1,2,2-Tetrachloroethane		0.076	U	0.076	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84
1,1-Dichloroethane		0.093	U	0.093	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,2,3-Trichlorobenzene		0.14	U	0.14	0.84
1,2,4-Trichlorobenzene		16		0.16	0.84
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,2-Dibromoethane		0.13	U	0.13	0.84
1,2-Dichlorobenzene		0.084	U	0.084	0.84
1,2-Dichloroethane		0.15	U	0.15	0.84
1,2-Dichloropropane		0.13	U	0.13	0.84
1,3-Dichlorobenzene		0.14	U	0.14	0.84
1,4-Dichlorobenzene		0.22	J	0.093	0.84
1,4-Dioxane		11	U	11	42
2-Butanone		13		0.53	8.4
2-Hexanone		0.11	U	0.11	8.4
4-Methyl-2-pentanone		0.17	U	0.17	8.4
Acetone		63	B	1.4	8.4
Benzene		0.13	U	0.13	0.84
Bromochloromethane		0.093	U	0.093	0.84
Bromodichloromethane		0.27	U	0.27	0.84
Bromoform		0.14	U	0.14	0.84
Bromomethane		0.36	U	0.36	0.84
Carbon disulfide		1.8		0.13	0.84
Carbon tetrachloride		0.13	U	0.13	0.84
Chlorobenzene		0.15	U	0.15	0.84
Chloroethane		0.28	U	0.28	0.84
Chloroform		0.20	U	0.20	0.84
Chloromethane		0.14	U	0.14	0.84
cis-1,2-Dichloroethene		0.093	U	0.093	0.84
cis-1,3-Dichloropropene		0.12	U	0.12	0.84
Cyclohexane		0.11	U	0.11	0.84
Dibromochloromethane		0.084	U	0.084	0.84
Dichlorodifluoromethane		0.19	U	0.19	0.84
Ethylbenzene		0.15	J	0.14	0.84
Freon TF		0.093	U	0.093	0.84
Isopropylbenzene		0.13	J	0.093	0.84
Methyl acetate		0.27	U	0.27	0.84
Methylcyclohexane		0.24	J	0.084	0.84
Methylene Chloride		0.66	J B	0.13	0.84
MTBE		0.093	U	0.093	0.84
Styrene		0.24	U	0.24	0.84
Tetrachloroethene		0.10	U	0.10	0.84
Toluene		0.12	U	0.12	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30854.d
Dilution:	1.0			Initial Weight/Volume:	6.8 g
Analysis Date:	03/23/2013 1549			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1956				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.084	U	0.084	0.84
Trichloroethene		0.10	U	0.10	0.84
Trichlorofluoromethane		0.14	U	0.14	0.84
Vinyl chloride		0.29	U	0.29	0.84
Xylenes, Total		1.3	J	0.57	2.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30854.d
Dilution:	1.0			Initial Weight/Volume:	6.8 g
Analysis Date:	03/23/2013 1549			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1956				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Coeluting Unknowns	10.75	130	J
	Unknown Alkane	10.87	220	J
	Unknown Alkane-2	11.27	190	J
	Unknown Alkane-3/C11H14 Aromatic	11.42	100	J
	Unknown Alkane-4	11.57	110	J
	C11H14 Aromatic-1	11.69	86	J
	Unknown Alkane-5	12.00	200	J
	Unknown Alkane-6	12.13	160	J
	Unknown	12.42	140	J
	Unknown Alkane-7	12.72	140	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71649.d
Dilution:	1.0			Initial Weight/Volume:	5.5 g
Analysis Date:	03/25/2013 2057			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 2000				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.17	U	0.17	1.0
1,2,4-Trichlorobenzene		1.3		0.20	1.0
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.0
1,2-Dibromoethane		0.16	U	0.16	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,2-Dichloroethane		0.19	U	0.19	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
1,3-Dichlorobenzene		0.17	U	0.17	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,4-Dioxane		13	U	13	52
2-Butanone		1.8	J	0.65	10
2-Hexanone		0.13	U	0.13	10
4-Methyl-2-pentanone		0.21	U	0.21	10
Acetone		5.3	J B	1.7	10
Benzene		0.16	U	0.16	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0
Bromoform		0.18	U	0.18	1.0
Bromomethane		0.44	U	0.44	1.0
Carbon disulfide		0.16	U	0.16	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Chlorobenzene		0.19	U	0.19	1.0
Chloroethane		0.34	U	0.34	1.0
Chloroform		0.25	U	0.25	1.0
Chloromethane		0.17	U	0.17	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
Cyclohexane		0.13	U	0.13	1.0
Dibromochloromethane		0.10	U	0.10	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Ethylbenzene		0.18	U	0.18	1.0
Freon TF		0.11	U	0.11	1.0
Isopropylbenzene		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Methylene Chloride		0.86	J B	0.16	1.0
MTBE		0.11	U	0.11	1.0
Styrene		0.29	U	0.29	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71649.d
Dilution:	1.0			Initial Weight/Volume:	5.5 g
Analysis Date:	03/25/2013 2057			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 2000				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
Trichloroethene		0.12	U	0.12	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
Vinyl chloride		0.35	U	0.35	1.0
Xylenes, Total		0.69	U	0.69	3.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	94		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	o71649.d
Dilution:	1.0			Initial Weight/Volume:	5.5 g
Analysis Date:	03/25/2013 2057			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 2000				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown-1	12.46	16	J
	Unknown Alkane	13.15	20	J
	Unknown Cycloalkane	13.41	14	J
	Unknown Alkane-1	13.49	26	J
	Unknown Alkane-2	13.66	27	J
	Unknown-1	13.89	16	J
	Unknown Alkane-3	14.44	24	J
	C14H30 Alkane	14.58	15	J
	Unknown-3	14.68	17	J
	Unknown Alkane-4	14.98	23	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k11008.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1128			Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1128				

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
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
Xylenes, Total	0.36	U	0.36	3.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k11008.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1128			Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1128				

Analyte	Result (ug/L)	Qualifier	MDL	RL
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)	110		70 - 130
Toluene-d8 (Surr)	84		70 - 130
Bromofluorobenzene	101		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k11008.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1128			Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1128				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 460-52450-46TB Date Sampled: 03/15/2013 0000
Client Matrix: Solid Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30814.d
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	03/23/2013 0027			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 2002				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	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		1.0	B	0.15	1.0
Acetone		5.3	J B	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
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
Xylenes, Total		0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane		0.090	U	0.090	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 460-52450-46TB Date Sampled: 03/15/2013 0000
Client Matrix: Solid Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30814.d
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	03/23/2013 0027			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 2002				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
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	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	92		70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 460-52450-46TB Date Sampled: 03/15/2013 0000
Client Matrix: Solid Date Received: 03/15/2013 1505

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-151442	Lab File ID:	d30814.d
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	03/23/2013 0027			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 2002				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151520	Lab File ID:	p35613.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0806			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		18	J	3.9	35
1,2-Dichlorobenzene		40	U	40	350
1,3-Dichlorobenzene		31	U	31	350
1,4-Dichlorobenzene		39	U	39	350
2,4-Dinitrotoluene		11	U	11	70
2,6-Dinitrotoluene		10	U	10	70
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		44	U	44	350
2-Nitroaniline		140	U	140	700
3,3'-Dichlorobenzidine		120	U	120	700
3-Nitroaniline		120	U	120	700
4-Bromophenyl phenyl ether		34	U	34	350
4-Chloroaniline		92	U	92	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
Acenaphthene		50	U	50	350
Acenaphthylene		41	U	41	350
Anthracene		42	U	42	350
Benzo[a]anthracene		2.4	U	2.4	35
Benzo[a]pyrene		2.4	U	2.4	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.6	U	2.6	35
bis (2-chloroisopropyl) ether		38	U	38	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		41	U	41	350
Chrysene		40	U	40	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Dimethyl phthalate		41	U	41	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		46	U	46	350
Fluorene		44	U	44	350
Hexachlorobenzene		4.7	U	4.7	35
Hexachlorobutadiene		8.4	U	8.4	70
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.8	U	3.8	35
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	35
Isophorone		42	U	42	350
Naphthalene		40	U	40	350
Nitrobenzene		4.9	U	4.9	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151520	Lab File ID:	p35613.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0806			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
N-Nitrosodiphenylamine		34	U	34	350
Phenanthrene		44	U	44	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	74		40 - 109
Nitrobenzene-d5	60		38 - 105
Terphenyl-d14	70		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151520	Lab File ID:	p35613.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0806			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **6**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Trichloro-1,1-biphenyl isomer-6	9.20	3100	J
	Tetrachloro-1,1-biphenyl isomer-2	9.47	1300	J
	Tetrachloro-1,1-biphenyl isomer-5	9.63	1200	J
	Tetrachloro-1,1-biphenyl isomer-9	9.96	1100	J
	Tetrachloro-1,1-biphenyl isomer-10	9.98	1300	J
	Tetrachloro-1,1-biphenyl isomer-11	10.11	1000	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35526.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1413			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.2	U	4.2	37
1,2-Dichlorobenzene		43	U	43	370
1,3-Dichlorobenzene		34	U	34	370
1,4-Dichlorobenzene		42	U	42	370
2,4-Dinitrotoluene		12	U	12	75
2,6-Dinitrotoluene		11	U	11	75
2-Chloronaphthalene		41	U	41	370
2-Methylnaphthalene		48	U	48	370
2-Nitroaniline		160	U	160	750
3,3'-Dichlorobenzidine		130	U	130	750
3-Nitroaniline		130	U	130	750
4-Bromophenyl phenyl ether		37	U	37	370
4-Chloroaniline		98	U	98	370
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	750
Acenaphthene		54	U	54	370
Acenaphthylene		44	U	44	370
Anthracene		45	U	45	370
Benzo[a]anthracene		2.6	U	2.6	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[k]fluoranthene		2.8	U	2.8	37
bis (2-chloroisopropyl) ether		41	U	41	370
Bis(2-chloroethoxy)methane		48	U	48	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Carbazole		44	U	44	370
Chrysene		43	U	43	370
Dibenz(a,h)anthracene		4.7	U	4.7	37
Dibenzofuran		44	U	44	370
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		44	U	44	370
Di-n-butyl phthalate		46	U	46	370
Di-n-octyl phthalate		24	U	24	370
Fluoranthene		50	U	50	370
Fluorene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorobutadiene		9.1	U	9.1	75
Hexachlorocyclopentadiene		44	U	44	370
Hexachloroethane		4.1	U	4.1	37
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Isophorone		45	U	45	370
Naphthalene		43	U	43	370
Nitrobenzene		5.3	U	5.3	37

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35526.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1413			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
N-Nitrosodiphenylamine		37	U	37	370
Phenanthrene		47	U	47	370
Pyrene		31	U	31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	78		40 - 109
Nitrobenzene-d5	80		38 - 105
Terphenyl-d14	75		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35526.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1413			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	14.81	510	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35527.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1438			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.1	U	4.1	36
1,2-Dichlorobenzene		42	U	42	360
1,3-Dichlorobenzene		33	U	33	360
1,4-Dichlorobenzene		41	U	41	360
2,4-Dinitrotoluene		12	U	12	74
2,6-Dinitrotoluene		11	U	11	74
2-Chloronaphthalene		41	U	41	360
2-Methylnaphthalene		47	U	47	360
2-Nitroaniline		150	U	150	740
3,3'-Dichlorobenzidine		130	U	130	740
3-Nitroaniline		130	U	130	740
4-Bromophenyl phenyl ether		36	U	36	360
4-Chloroaniline		97	U	97	360
4-Chlorophenyl phenyl ether		43	U	43	360
4-Nitroaniline		110	U	110	740
Acenaphthene		53	U	53	360
Acenaphthylene		43	U	43	360
Anthracene		44	U	44	360
Benzo[a]anthracene		2.5	U	2.5	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[k]fluoranthene		2.8	U	2.8	36
bis (2-chloroisopropyl) ether		40	U	40	360
Bis(2-chloroethoxy)methane		47	U	47	360
Bis(2-chloroethyl)ether		5.0	U	5.0	36
Bis(2-ethylhexyl) phthalate		120	U	120	360
Butyl benzyl phthalate		33	U	33	360
Carbazole		43	U	43	360
Chrysene		43	U	43	360
Dibenz(a,h)anthracene		4.6	U	4.6	36
Dibenzofuran		43	U	43	360
Diethyl phthalate		43	U	43	360
Dimethyl phthalate		43	U	43	360
Di-n-butyl phthalate		45	U	45	360
Di-n-octyl phthalate		23	U	23	360
Fluoranthene		49	U	49	360
Fluorene		47	U	47	360
Hexachlorobenzene		5.0	U	5.0	36
Hexachlorobutadiene		8.9	U	8.9	74
Hexachlorocyclopentadiene		43	U	43	360
Hexachloroethane		4.1	U	4.1	36
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	36
Isophorone		44	U	44	360
Naphthalene		42	U	42	360
Nitrobenzene		5.2	U	5.2	36

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35527.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1438			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.1	U	6.1	36
N-Nitrosodiphenylamine		36	U	36	360
Phenanthrene		46	U	46	360
Pyrene		31	U	31	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		40 - 109
Nitrobenzene-d5	75		38 - 105
Terphenyl-d14	71		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35527.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1438			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35550.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 0018			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.0	U	4.0	35
1,2-Dichlorobenzene		41	U	41	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		40	U	40	350
2,4-Dinitrotoluene		12	U	12	71
2,6-Dinitrotoluene		11	U	11	71
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		150	U	150	710
3,3'-Dichlorobenzidine		120	U	120	710
3-Nitroaniline		120	U	120	710
4-Bromophenyl phenyl ether		35	U	35	350
4-Chloroaniline		93	U	93	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
Acenaphthene		51	U	51	350
Acenaphthylene		41	U	41	350
Anthracene		43	U	43	350
Benzo[a]anthracene		2.4	U	2.4	35
Benzo[a]pyrene		27	J	2.5	35
Benzo[b]fluoranthene		33	J	2.2	35
Benzo[g,h,i]perylene		35	J	26	350
Benzo[k]fluoranthene		2.7	U	2.7	35
bis (2-chloroisopropyl) ether		39	U	39	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		41	U	41	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		15	J	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Dimethyl phthalate		42	U	42	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		47	U	47	350
Fluorene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorobutadiene		8.6	U	8.6	71
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		21	J	6.5	35
Isophorone		43	U	43	350
Naphthalene		41	U	41	350
Nitrobenzene		5.0	U	5.0	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35550.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 0018			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
N-Nitrosodiphenylamine		35	U	35	350
Phenanthrene		45	U	45	350
Pyrene		36	J	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	90		40 - 109
Nitrobenzene-d5	79		38 - 105
Terphenyl-d14	58		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35550.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 0018			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Trichloro-1,1-biphenyl isomer-1	8.84	2000	J
	Unknown-1	8.86	660	J
	Trichloro-1,1-biphenyl isomer-2	9.01	1200	J
	Trichloro-1,1-biphenyl isomer-4	9.25	2900	J
	Trichloro-1,1-biphenyl isomer-5	9.32	960	J
	Trichloro-1,1-biphenyl isomer-6	9.39	510	J
	Tetrachloro-1,1-biphenyl isomer-1	9.52	950	J
	Tetrachloro-1,1-biphenyl isomer-2	9.56	650	J
	Tetrachloro-1,1-biphenyl isomer-3	9.58	600	J
	Tetrachloro-1,1-biphenyl isomer-4	9.68	900	J
	Tetrachloro-1,1-biphenyl isomer-5	9.79	620	J
	Tetrachloro-1,1-biphenyl isomer-7	10.01	920	J
	Tetrachloro-1,1-biphenyl isomer-8	10.03	1000	J
	Tetrachloro-1,1-biphenyl isomer-9	10.16	750	J
	Unknown-3	15.27	540	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35545.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 2212			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.0	U	4.0	35
1,2-Dichlorobenzene		41	U	41	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		40	U	40	350
2,4-Dinitrotoluene		12	U	12	71
2,6-Dinitrotoluene		11	U	11	71
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		150	U	150	710
3,3'-Dichlorobenzidine		120	U	120	710
3-Nitroaniline		120	U	120	710
4-Bromophenyl phenyl ether		35	U	35	350
4-Chloroaniline		93	U	93	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
Acenaphthene		51	U	51	350
Acenaphthylene		42	U	42	350
Anthracene		43	U	43	350
Benzo[a]anthracene		2.5	U	2.5	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.7	U	2.7	35
bis (2-chloroisopropyl) ether		39	U	39	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		42	U	42	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Dimethyl phthalate		42	U	42	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		47	U	47	350
Fluorene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorobutadiene		8.6	U	8.6	71
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		43	U	43	350
Naphthalene		41	U	41	350
Nitrobenzene		5.0	U	5.0	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35545.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 2212			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
N-Nitrosodiphenylamine		35	U	35	350
Phenanthrene		45	U	45	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		40 - 109
Nitrobenzene-d5	67		38 - 105
Terphenyl-d14	66		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35545.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 2212			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.36	300	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35547.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 2303			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.0	U	4.0	35
1,2-Dichlorobenzene		41	U	41	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		39	U	39	350
2,4-Dinitrotoluene		12	U	12	71
2,6-Dinitrotoluene		11	U	11	71
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		150	U	150	710
3,3'-Dichlorobenzidine		120	U	120	710
3-Nitroaniline		120	U	120	710
4-Bromophenyl phenyl ether		35	U	35	350
4-Chloroaniline		93	U	93	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
Acenaphthene		51	U	51	350
Acenaphthylene		41	U	41	350
Anthracene		43	U	43	350
Benzo[a]anthracene		2.4	U	2.4	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.7	U	2.7	35
bis (2-chloroisopropyl) ether		39	U	39	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		41	U	41	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Dimethyl phthalate		41	U	41	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		47	U	47	350
Fluorene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorobutadiene		8.5	U	8.5	71
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		42	U	42	350
Naphthalene		40	U	40	350
Nitrobenzene		5.0	U	5.0	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35547.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 2303			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
N-Nitrosodiphenylamine		34	U	34	350
Phenanthrene		45	U	45	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	84		40 - 109
Nitrobenzene-d5	68		38 - 105
Terphenyl-d14	61		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35547.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 2303			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	8.36	1900	J
	Unknown Alkane-2	8.54	590	J
	Unknown Alkane-4	8.82	1300	J
	Trichloro-1,1-biphenyl isomer-1	8.84	720	J
	Trichloro-1,1-biphenyl isomer-2	9.00	570	J
	Unknown Alkane-5	9.16	610	J
	Unknown Alkane-6	9.21	590	J
	Trichloro-1,1-biphenyl isomer-3	9.25	1700	J
	Trichloro-1,1-biphenyl isomer-5	9.39	490	J
	Tetrachloro-1,1-biphenyl isomer-1	9.52	760	J
	Tetrachloro-1,1-biphenyl isomer-2	9.56	480	J
	Tetrachloro-1,1-biphenyl isomer-4	9.68	640	J
	Tetrachloro-1,1-biphenyl isomer-5	9.78	540	J
	Tetrachloro-1,1-biphenyl isomer-7	10.16	540	J
	Unknown Alkane-8	10.36	670	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35528.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1503			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3.9	U	3.9	34
1,2-Dichlorobenzene		40	U	40	340
1,3-Dichlorobenzene		31	U	31	340
1,4-Dichlorobenzene		38	U	38	340
2,4-Dinitrotoluene		11	U	11	69
2,6-Dinitrotoluene		10	U	10	69
2-Chloronaphthalene		38	U	38	340
2-Methylnaphthalene		44	U	44	340
2-Nitroaniline		140	U	140	690
3,3'-Dichlorobenzidine		120	U	120	690
3-Nitroaniline		120	U	120	690
4-Bromophenyl phenyl ether		34	U	34	340
4-Chloroaniline		90	U	90	340
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
Acenaphthene		50	U	50	340
Acenaphthylene		40	U	40	340
Anthracene		41	U	41	340
Benzo[a]anthracene		2.4	U	2.4	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[k]fluoranthene		2.6	U	2.6	34
bis (2-chloroisopropyl) ether		38	U	38	340
Bis(2-chloroethoxy)methane		44	U	44	340
Bis(2-chloroethyl)ether		4.6	U	4.6	34
Bis(2-ethylhexyl) phthalate		110	U	110	340
Butyl benzyl phthalate		31	U	31	340
Carbazole		40	U	40	340
Chrysene		40	U	40	340
Dibenz(a,h)anthracene		4.3	U	4.3	34
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Dimethyl phthalate		40	U	40	340
Di-n-butyl phthalate		42	U	42	340
Di-n-octyl phthalate		22	U	22	340
Fluoranthene		45	U	45	340
Fluorene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorobutadiene		8.3	U	8.3	69
Hexachlorocyclopentadiene		40	U	40	340
Hexachloroethane		3.8	U	3.8	34
Indeno[1,2,3-cd]pyrene		6.3	U	6.3	34
Isophorone		41	U	41	340
Naphthalene		39	U	39	340
Nitrobenzene		4.8	U	4.8	34

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35528.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1503			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
N-Nitrosodiphenylamine		34	U	34	340
Phenanthrene		43	U	43	340
Pyrene		29	U	29	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	73		40 - 109
Nitrobenzene-d5	76		38 - 105
Terphenyl-d14	71		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35528.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1503			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35529.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1529			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3.9	U	3.9	34
1,2-Dichlorobenzene		40	U	40	340
1,3-Dichlorobenzene		31	U	31	340
1,4-Dichlorobenzene		39	U	39	340
2,4-Dinitrotoluene		11	U	11	70
2,6-Dinitrotoluene		10	U	10	70
2-Chloronaphthalene		38	U	38	340
2-Methylnaphthalene		47	J	44	340
2-Nitroaniline		140	U	140	700
3,3'-Dichlorobenzidine		120	U	120	700
3-Nitroaniline		120	U	120	700
4-Bromophenyl phenyl ether		34	U	34	340
4-Chloroaniline		91	U	91	340
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
Acenaphthene		50	U	50	340
Acenaphthylene		41	U	41	340
Anthracene		42	U	42	340
Benzo[a]anthracene		2.4	U	2.4	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[g,h,i]perylene		26	U	26	340
Benzo[k]fluoranthene		2.6	U	2.6	34
bis (2-chloroisopropyl) ether		38	U	38	340
Bis(2-chloroethoxy)methane		44	U	44	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
Bis(2-ethylhexyl) phthalate		110	U	110	340
Butyl benzyl phthalate		32	U	32	340
Carbazole		41	U	41	340
Chrysene		40	U	40	340
Dibenz(a,h)anthracene		4.3	U	4.3	34
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Dimethyl phthalate		41	U	41	340
Di-n-butyl phthalate		43	U	43	340
Di-n-octyl phthalate		22	U	22	340
Fluoranthene		46	U	46	340
Fluorene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorobutadiene		8.4	U	8.4	70
Hexachlorocyclopentadiene		41	U	41	340
Hexachloroethane		3.8	U	3.8	34
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Isophorone		42	U	42	340
Naphthalene		40	U	40	340
Nitrobenzene		4.9	U	4.9	34

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35529.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1529			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	34
N-Nitrosodiphenylamine		34	U	34	340
Phenanthrene		44	U	44	340
Pyrene		29	U	29	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	73		40 - 109
Nitrobenzene-d5	77		38 - 105
Terphenyl-d14	66		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35529.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1529			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35548.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 2328			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.1	U	4.1	36
1,2-Dichlorobenzene		42	U	42	360
1,3-Dichlorobenzene		32	U	32	360
1,4-Dichlorobenzene		40	U	40	360
2,4-Dinitrotoluene		12	U	12	73
2,6-Dinitrotoluene		11	U	11	73
2-Chloronaphthalene		40	U	40	360
2-Methylnaphthalene		46	U	46	360
2-Nitroaniline		150	U	150	730
3,3'-Dichlorobenzidine		130	U	130	730
3-Nitroaniline		130	U	130	730
4-Bromophenyl phenyl ether		36	U	36	360
4-Chloroaniline		95	U	95	360
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
Acenaphthene		52	U	52	360
Acenaphthylene		42	U	42	360
Anthracene		44	U	44	360
Benzo[a]anthracene		2.5	U	2.5	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[k]fluoranthene		2.7	U	2.7	36
bis (2-chloroisopropyl) ether		40	U	40	360
Bis(2-chloroethoxy)methane		46	U	46	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
Bis(2-ethylhexyl) phthalate		120	U	120	360
Butyl benzyl phthalate		33	U	33	360
Carbazole		42	U	42	360
Chrysene		42	U	42	360
Dibenz(a,h)anthracene		4.5	U	4.5	36
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Dimethyl phthalate		42	U	42	360
Di-n-butyl phthalate		44	U	44	360
Di-n-octyl phthalate		23	U	23	360
Fluoranthene		48	U	48	360
Fluorene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorobutadiene		8.7	U	8.7	73
Hexachlorocyclopentadiene		42	U	42	360
Hexachloroethane		4.0	U	4.0	36
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Isophorone		43	U	43	360
Naphthalene		41	U	41	360
Nitrobenzene		5.1	U	5.1	36

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35548.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 2328			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
N-Nitrosodiphenylamine		35	U	35	360
Phenanthrene		46	U	46	360
Pyrene		30	U	30	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	84		40 - 109
Nitrobenzene-d5	68		38 - 105
Terphenyl-d14	59		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35548.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 2328			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.36	520	J
	Trichloro-1,1-biphenyl isomer-1	9.01	590	J
	Trichloro-1,1-biphenyl isomer-3	9.25	2200	J
	Tetrachloro-1,1-biphenyl isomer-1	9.31	420	J
	Trichloro-1,1-biphenyl isomer-4	9.39	500	J
	Tetrachloro-1,1-biphenyl isomer-3	9.52	1000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.56	740	J
	Tetrachloro-1,1-biphenyl isomer-5	9.58	530	J
	Tetrachloro-1,1-biphenyl isomer-6	9.68	860	J
	Unknown	9.71	400	J
	Tetrachloro-1,1-biphenyl isomer-8	9.78	790	J
	Tetrachloro-1,1-biphenyl isomer-9	9.98	540	J
	Tetrachloro-1,1-biphenyl isomer-10	10.01	950	J
	Tetrachloro-1,1-biphenyl isomer-11	10.03	1200	J
	Tetrachloro-1,1-biphenyl isomer-12	10.16	830	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35549.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 2353			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.0	U	4.0	35
1,2-Dichlorobenzene		40	U	40	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		39	U	39	350
2,4-Dinitrotoluene		11	U	11	71
2,6-Dinitrotoluene		11	U	11	71
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		150	U	150	710
3,3'-Dichlorobenzidine		120	U	120	710
3-Nitroaniline		120	U	120	710
4-Bromophenyl phenyl ether		35	U	35	350
4-Chloroaniline		92	U	92	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
Acenaphthene		51	U	51	350
Acenaphthylene		41	U	41	350
Anthracene		42	U	42	350
Benzo[a]anthracene		2.4	U	2.4	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.6	U	2.6	35
bis (2-chloroisopropyl) ether		39	U	39	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		41	U	41	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Dimethyl phthalate		41	U	41	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		47	U	47	350
Fluorene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorobutadiene		8.5	U	8.5	71
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		42	U	42	350
Naphthalene		40	U	40	350
Nitrobenzene		5.0	U	5.0	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35549.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 2353			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
N-Nitrosodiphenylamine		34	U	34	350
Phenanthrene		44	U	44	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	87		40 - 109
Nitrobenzene-d5	67		38 - 105
Terphenyl-d14	56		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35549.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 2353			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.36	400	J
	Unknown-1	15.27	1300	J
	Unknown-2	15.54	340	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35546.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 2237			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.0	U	4.0	35
1,2-Dichlorobenzene		41	U	41	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		40	U	40	350
2,4-Dinitrotoluene		12	U	12	71
2,6-Dinitrotoluene		11	U	11	71
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		150	U	150	710
3,3'-Dichlorobenzidine		120	U	120	710
3-Nitroaniline		120	U	120	710
4-Bromophenyl phenyl ether		35	U	35	350
4-Chloroaniline		93	U	93	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
Acenaphthene		51	U	51	350
Acenaphthylene		42	U	42	350
Anthracene		43	U	43	350
Benzo[a]anthracene		2.5	U	2.5	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.7	U	2.7	35
bis (2-chloroisopropyl) ether		39	U	39	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		42	U	42	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Dimethyl phthalate		42	U	42	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		47	U	47	350
Fluorene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorobutadiene		8.6	U	8.6	71
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		43	U	43	350
Naphthalene		41	U	41	350
Nitrobenzene		5.0	U	5.0	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35546.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 2237			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
N-Nitrosodiphenylamine		35	U	35	350
Phenanthrene		45	U	45	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	85		40 - 109
Nitrobenzene-d5	76		38 - 105
Terphenyl-d14	66		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35546.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 2237			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.36	380	J
	Trichloro-1,1-biphenyl isomer-1	9.01	650	J
	Trichloro-1,1-biphenyl isomer-2	9.25	1800	J
	Tetrachloro-1,1-biphenyl isomer-1	9.31	310	J
	Trichloro-1,1-biphenyl isomer-3	9.39	550	J
	Tetrachloro-1,1-biphenyl isomer-3	9.52	800	J
	Tetrachloro-1,1-biphenyl isomer-4	9.56	640	J
	Tetrachloro-1,1-biphenyl isomer-5	9.58	420	J
	Tetrachloro-1,1-biphenyl isomer-6	9.68	770	J
	Unknown	9.71	370	J
	Tetrachloro-1,1-biphenyl isomer-7	9.78	670	J
	Tetrachloro-1,1-biphenyl isomer-8	9.97	440	J
	Tetrachloro-1,1-biphenyl isomer-9	10.01	430	J
	Tetrachloro-1,1-biphenyl isomer-10	10.03	970	J
	Tetrachloro-1,1-biphenyl isomer-11	10.16	650	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35530.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1554			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3.9	U	3.9	34
1,2-Dichlorobenzene		40	U	40	340
1,3-Dichlorobenzene		31	U	31	340
1,4-Dichlorobenzene		39	U	39	340
2,4-Dinitrotoluene		11	U	11	70
2,6-Dinitrotoluene		10	U	10	70
2-Chloronaphthalene		38	U	38	340
2-Methylnaphthalene		44	U	44	340
2-Nitroaniline		140	U	140	700
3,3'-Dichlorobenzidine		120	U	120	700
3-Nitroaniline		120	U	120	700
4-Bromophenyl phenyl ether		34	U	34	340
4-Chloroaniline		91	U	91	340
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
Acenaphthene		50	U	50	340
Acenaphthylene		41	U	41	340
Anthracene		42	U	42	340
Benzo[a]anthracene		2.4	U	2.4	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[g,h,i]perylene		26	U	26	340
Benzo[k]fluoranthene		2.6	U	2.6	34
bis (2-chloroisopropyl) ether		38	U	38	340
Bis(2-chloroethoxy)methane		45	U	45	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
Bis(2-ethylhexyl) phthalate		110	U	110	340
Butyl benzyl phthalate		32	U	32	340
Carbazole		41	U	41	340
Chrysene		40	U	40	340
Dibenz(a,h)anthracene		4.4	U	4.4	34
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Dimethyl phthalate		41	U	41	340
Di-n-butyl phthalate		43	U	43	340
Di-n-octyl phthalate		22	U	22	340
Fluoranthene		46	U	46	340
Fluorene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorobutadiene		8.4	U	8.4	70
Hexachlorocyclopentadiene		41	U	41	340
Hexachloroethane		3.8	U	3.8	34
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Isophorone		42	U	42	340
Naphthalene		40	U	40	340
Nitrobenzene		4.9	U	4.9	34

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35530.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1554			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	34
N-Nitrosodiphenylamine		34	U	34	340
Phenanthrene		44	U	44	340
Pyrene		29	U	29	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		40 - 109
Nitrobenzene-d5	73		38 - 105
Terphenyl-d14	64		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35530.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1554			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35531.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1619			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.2	U	4.2	37
1,2-Dichlorobenzene		43	U	43	370
1,3-Dichlorobenzene		33	U	33	370
1,4-Dichlorobenzene		41	U	41	370
2,4-Dinitrotoluene		12	U	12	74
2,6-Dinitrotoluene		11	U	11	74
2-Chloronaphthalene		41	U	41	370
2-Methylnaphthalene		47	U	47	370
2-Nitroaniline		150	U	150	740
3,3'-Dichlorobenzidine		130	U	130	740
3-Nitroaniline		130	U	130	740
4-Bromophenyl phenyl ether		36	U	36	370
4-Chloroaniline		97	U	97	370
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	740
Acenaphthene		53	U	53	370
Acenaphthylene		43	U	43	370
Anthracene		45	U	45	370
Benzo[a]anthracene		2.6	U	2.6	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[k]fluoranthene		2.8	U	2.8	37
bis (2-chloroisopropyl) ether		41	U	41	370
Bis(2-chloroethoxy)methane		47	U	47	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Carbazole		43	U	43	370
Chrysene		43	U	43	370
Dibenz(a,h)anthracene		4.6	U	4.6	37
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		43	U	43	370
Di-n-butyl phthalate		45	U	45	370
Di-n-octyl phthalate		23	U	23	370
Fluoranthene		49	U	49	370
Fluorene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorobutadiene		8.9	U	8.9	74
Hexachlorocyclopentadiene		43	U	43	370
Hexachloroethane		4.1	U	4.1	37
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	37
Isophorone		44	U	44	370
Naphthalene		42	U	42	370
Nitrobenzene		5.2	U	5.2	37

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35531.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1619			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.1	U	6.1	37
N-Nitrosodiphenylamine		36	U	36	370
Phenanthrene		47	U	47	370
Pyrene		31	U	31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	76		40 - 109
Nitrobenzene-d5	75		38 - 105
Terphenyl-d14	70		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35531.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1619			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35532.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1644			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3.9	U	3.9	35
1,2-Dichlorobenzene		40	U	40	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		39	U	39	350
2,4-Dinitrotoluene		11	U	11	70
2,6-Dinitrotoluene		10	U	10	70
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		140	U	140	700
3,3'-Dichlorobenzidine		120	U	120	700
3-Nitroaniline		120	U	120	700
4-Bromophenyl phenyl ether		34	U	34	350
4-Chloroaniline		92	U	92	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
Acenaphthene		51	U	51	350
Acenaphthylene		41	U	41	350
Anthracene		42	U	42	350
Benzo[a]anthracene		2.4	U	2.4	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.6	U	2.6	35
bis (2-chloroisopropyl) ether		38	U	38	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		41	U	41	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Dimethyl phthalate		41	U	41	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		46	U	46	350
Fluorene		44	U	44	350
Hexachlorobenzene		4.7	U	4.7	35
Hexachlorobutadiene		8.5	U	8.5	70
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		42	U	42	350
Naphthalene		40	U	40	350
Nitrobenzene		4.9	U	4.9	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35532.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1644			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
N-Nitrosodiphenylamine		34	U	34	350
Phenanthrene		44	U	44	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	75		40 - 109
Nitrobenzene-d5	79		38 - 105
Terphenyl-d14	71		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35532.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1644			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35533.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1710			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.2	U	4.2	37
1,2-Dichlorobenzene		43	U	43	370
1,3-Dichlorobenzene		33	U	33	370
1,4-Dichlorobenzene		42	U	42	370
2,4-Dinitrotoluene		12	U	12	75
2,6-Dinitrotoluene		11	U	11	75
2-Chloronaphthalene		41	U	41	370
2-Methylnaphthalene		47	U	47	370
2-Nitroaniline		150	U	150	750
3,3'-Dichlorobenzidine		130	U	130	750
3-Nitroaniline		130	U	130	750
4-Bromophenyl phenyl ether		37	U	37	370
4-Chloroaniline		98	U	98	370
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	750
Acenaphthene		54	U	54	370
Acenaphthylene		44	U	44	370
Anthracene		45	U	45	370
Benzo[a]anthracene		2.6	U	2.6	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[k]fluoranthene		2.8	U	2.8	37
bis (2-chloroisopropyl) ether		41	U	41	370
Bis(2-chloroethoxy)methane		48	U	48	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Carbazole		44	U	44	370
Chrysene		43	U	43	370
Dibenz(a,h)anthracene		4.6	U	4.6	37
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		44	U	44	370
Di-n-butyl phthalate		45	U	45	370
Di-n-octyl phthalate		23	U	23	370
Fluoranthene		49	U	49	370
Fluorene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorobutadiene		9.0	U	9.0	75
Hexachlorocyclopentadiene		43	U	43	370
Hexachloroethane		4.1	U	4.1	37
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	37
Isophorone		45	U	45	370
Naphthalene		43	U	43	370
Nitrobenzene		5.2	U	5.2	37

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35533.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1710			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.1	U	6.1	37
N-Nitrosodiphenylamine		36	U	36	370
Phenanthrene		47	U	47	370
Pyrene		31	U	31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	79		40 - 109
Nitrobenzene-d5	81		38 - 105
Terphenyl-d14	64		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35533.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1710			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **4**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.18	430	J
	Unknown Alkane-2	8.36	1900	J
593-45-3	n-Octadecane	8.82	480	
	Trichloro-1,1-biphenyl isomer	9.25	430	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35534.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1735			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.3	U	4.3	38
1,2-Dichlorobenzene		44	U	44	380
1,3-Dichlorobenzene		35	U	35	380
1,4-Dichlorobenzene		43	U	43	380
2,4-Dinitrotoluene		13	U	13	78
2,6-Dinitrotoluene		12	U	12	78
2-Chloronaphthalene		43	U	43	380
2-Methylnaphthalene		49	U	49	380
2-Nitroaniline		160	U	160	780
3,3'-Dichlorobenzidine		130	U	130	780
3-Nitroaniline		140	U	140	780
4-Bromophenyl phenyl ether		38	U	38	380
4-Chloroaniline		100	U	100	380
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
Acenaphthene		56	U	56	380
Acenaphthylene		45	U	45	380
Anthracene		47	U	47	380
Benzo[a]anthracene		2.7	U	2.7	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[k]fluoranthene		2.9	U	2.9	38
bis (2-chloroisopropyl) ether		42	U	42	380
Bis(2-chloroethoxy)methane		49	U	49	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
Bis(2-ethylhexyl) phthalate		130	U	130	380
Butyl benzyl phthalate		35	U	35	380
Carbazole		45	U	45	380
Chrysene		45	U	45	380
Dibenz(a,h)anthracene		4.8	U	4.8	38
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Dimethyl phthalate		45	U	45	380
Di-n-butyl phthalate		47	U	47	380
Di-n-octyl phthalate		24	U	24	380
Fluoranthene		51	U	51	380
Fluorene		140	J	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorobutadiene		9.3	U	9.3	78
Hexachlorocyclopentadiene		45	U	45	380
Hexachloroethane		4.3	U	4.3	38
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Isophorone		46	U	46	380
Naphthalene		44	U	44	380
Nitrobenzene		5.4	U	5.4	38

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35534.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1735			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
N-Nitrosodiphenylamine		38	U	38	380
Phenanthrene		1500		49	380
Pyrene		81	J	32	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	84		40 - 109
Nitrobenzene-d5	75		38 - 105
Terphenyl-d14	62		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35534.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1735			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	8.19	2200	J
	Unknown Alkane-3	8.37	17000	J
	Unknown Alkane-4	8.55	7400	J
	Unknown-1	8.59	2400	J
	Unknown Alkane-5	8.64	2200	J
	Unknown-2	8.67	5200	J
593-45-3	n-Octadecane	8.83	8800	
	Unknown Alkane-7	9.17	3600	J
	Methyldibenzothiophene isomer	9.24	3100	J
	Trichloro-1,1-biphenyl isomer-1	9.26	3700	J
	Trichloro-1,1-biphenyl isomer-2	9.33	2200	J
	C15H12 PAH-1	9.40	2500	J
	C15H12 PAH-2	9.44	2800	J
	C15H12 PAH-3	9.52	5300	J
	Unknown Alkane-9	9.89	2300	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35535.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1800			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3.9	U	3.9	34
1,2-Dichlorobenzene		40	U	40	340
1,3-Dichlorobenzene		31	U	31	340
1,4-Dichlorobenzene		39	U	39	340
2,4-Dinitrotoluene		11	U	11	69
2,6-Dinitrotoluene		10	U	10	69
2-Chloronaphthalene		38	U	38	340
2-Methylnaphthalene		65	J	44	340
2-Nitroaniline		140	U	140	690
3,3'-Dichlorobenzidine		120	U	120	690
3-Nitroaniline		120	U	120	690
4-Bromophenyl phenyl ether		34	U	34	340
4-Chloroaniline		91	U	91	340
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
Acenaphthene		50	U	50	340
Acenaphthylene		40	U	40	340
Anthracene		42	U	42	340
Benzo[a]anthracene		2.4	U	2.4	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[k]fluoranthene		2.6	U	2.6	34
bis (2-chloroisopropyl) ether		38	U	38	340
Bis(2-chloroethoxy)methane		44	U	44	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
Bis(2-ethylhexyl) phthalate		110	U	110	340
Butyl benzyl phthalate		31	U	31	340
Carbazole		40	U	40	340
Chrysene		40	U	40	340
Dibenz(a,h)anthracene		4.3	U	4.3	34
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Dimethyl phthalate		41	U	41	340
Di-n-butyl phthalate		42	U	42	340
Di-n-octyl phthalate		22	U	22	340
Fluoranthene		46	U	46	340
Fluorene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorobutadiene		8.4	U	8.4	69
Hexachlorocyclopentadiene		40	U	40	340
Hexachloroethane		3.8	U	3.8	34
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Isophorone		42	U	42	340
Naphthalene		40	U	40	340
Nitrobenzene		4.9	U	4.9	34

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35535.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1800			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
N-Nitrosodiphenylamine		34	U	34	340
Phenanthrene		44	U	44	340
Pyrene		29	U	29	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	73		40 - 109
Nitrobenzene-d5	76		38 - 105
Terphenyl-d14	70		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35535.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1800			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.36	280	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35536.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1826			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.1	U	4.1	36
1,2-Dichlorobenzene		42	U	42	360
1,3-Dichlorobenzene		33	U	33	360
1,4-Dichlorobenzene		41	U	41	360
2,4-Dinitrotoluene		12	U	12	73
2,6-Dinitrotoluene		11	U	11	73
2-Chloronaphthalene		40	U	40	360
2-Methylnaphthalene		200	J	46	360
2-Nitroaniline		150	U	150	730
3,3'-Dichlorobenzidine		130	U	130	730
3-Nitroaniline		130	U	130	730
4-Bromophenyl phenyl ether		36	U	36	360
4-Chloroaniline		95	U	95	360
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
Acenaphthene		52	U	52	360
Acenaphthylene		43	U	43	360
Anthracene		44	U	44	360
Benzo[a]anthracene		2.5	U	2.5	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[k]fluoranthene		2.7	U	2.7	36
bis (2-chloroisopropyl) ether		40	U	40	360
Bis(2-chloroethoxy)methane		46	U	46	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
Bis(2-ethylhexyl) phthalate		120	U	120	360
Butyl benzyl phthalate		33	U	33	360
Carbazole		43	U	43	360
Chrysene		42	U	42	360
Dibenz(a,h)anthracene		4.5	U	4.5	36
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Dimethyl phthalate		43	U	43	360
Di-n-butyl phthalate		44	U	44	360
Di-n-octyl phthalate		23	U	23	360
Fluoranthene		48	U	48	360
Fluorene		330	J	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorobutadiene		8.8	U	8.8	73
Hexachlorocyclopentadiene		42	U	42	360
Hexachloroethane		4.0	U	4.0	36
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Isophorone		44	U	44	360
Naphthalene		42	U	42	360
Nitrobenzene		5.1	U	5.1	36

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35536.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1826			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
N-Nitrosodiphenylamine		35	U	35	360
Phenanthrene		2200		46	360
Pyrene		150	J	30	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	87		40 - 109
Nitrobenzene-d5	82		38 - 105
Terphenyl-d14	63		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35536.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1826			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-5	7.90	8000	J
	Unknown Alkane-7	8.20	6000	J
	Unknown Alkane-8	8.39	55000	J
	Unknown Alkane-9	8.56	13000	J
	Unknown-2	8.59	4700	J
	Unknown Alkane-11	8.69	7600	J
593-45-3	n-Octadecane	8.81	5100	
	Unknown Alkane-12	8.84	23000	J
	Unknown Alkane-14	9.11	3900	J
	Unknown Alkane-15	9.18	7600	J
	Trichloro-1,1-biphenyl isomer	9.27	4900	J
	C15H12 PAH-1	9.41	4300	J
	C15H12 PAH-2	9.44	4200	J
	C15H12 PAH-3	9.53	9900	J
	Unknown Alkane-17	9.89	4300	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35537.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1851			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.4	U	4.4	38
1,2-Dichlorobenzene		45	U	45	380
1,3-Dichlorobenzene		35	U	35	380
1,4-Dichlorobenzene		43	U	43	380
2,4-Dinitrotoluene		13	U	13	78
2,6-Dinitrotoluene		12	U	12	78
2-Chloronaphthalene		43	U	43	380
2-Methylnaphthalene		49	U	49	380
2-Nitroaniline		160	U	160	780
3,3'-Dichlorobenzidine		130	U	130	780
3-Nitroaniline		140	U	140	780
4-Bromophenyl phenyl ether		38	U	38	380
4-Chloroaniline		100	U	100	380
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
Acenaphthene		56	U	56	380
Acenaphthylene		45	U	45	380
Anthracene		47	U	47	380
Benzo[a]anthracene		2.7	U	2.7	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[k]fluoranthene		2.9	U	2.9	38
bis (2-chloroisopropyl) ether		43	U	43	380
Bis(2-chloroethoxy)methane		50	U	50	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
Bis(2-ethylhexyl) phthalate		130	U	130	380
Butyl benzyl phthalate		35	U	35	380
Carbazole		45	U	45	380
Chrysene		45	U	45	380
Dibenz(a,h)anthracene		4.8	U	4.8	38
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Dimethyl phthalate		46	U	46	380
Di-n-butyl phthalate		47	U	47	380
Di-n-octyl phthalate		25	U	25	380
Fluoranthene		51	U	51	380
Fluorene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorobutadiene		9.4	U	9.4	78
Hexachlorocyclopentadiene		45	U	45	380
Hexachloroethane		4.3	U	4.3	38
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Isophorone		47	U	47	380
Naphthalene		44	U	44	380
Nitrobenzene		5.5	U	5.5	38

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35537.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1851			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
N-Nitrosodiphenylamine		38	U	38	380
Phenanthrene		180	J	49	380
Pyrene		32	U	32	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	79		40 - 109
Nitrobenzene-d5	80		38 - 105
Terphenyl-d14	65		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35537.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1851			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	8.10	790	J
	Unknown Alkane-2	8.37	4700	J
	Unknown Alkane-3	8.54	930	J
	Unknown-2	8.67	570	J
	Unknown Alkane-4	8.79	570	J
	Unknown Alkane-5	8.82	3500	J
	Unknown Alkane-7	9.17	890	J
	Trichloro-1,1-biphenyl isomer	9.25	1100	J
	C15H12 PAH-1	9.40	770	J
	C15H12 PAH-2	9.43	860	J
	Unknown Alkane-8	9.47	460	J
	C15H12 PAH-3	9.50	1300	J
	Unknown-3	9.63	560	J
	Tetrachloro-1,1-biphenyl isomer	9.68	640	J
	Unknown Alkane-11	9.89	540	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152146	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35577.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 1223			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		58		4.0	35
1,2-Dichlorobenzene		41	U	41	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		39	U	39	350
2,4-Dinitrotoluene		12	U	12	71
2,6-Dinitrotoluene		11	U	11	71
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		150	U	150	710
3,3'-Dichlorobenzidine		120	U	120	710
3-Nitroaniline		120	U	120	710
4-Bromophenyl phenyl ether		35	U	35	350
4-Chloroaniline		93	U	93	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
Acenaphthene		51	U	51	350
Acenaphthylene		41	U	41	350
Anthracene		43	U	43	350
Benzo[a]anthracene		2.4	U	2.4	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.7	U	2.7	35
bis (2-chloroisopropyl) ether		39	U	39	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		41	U	41	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Dimethyl phthalate		42	U	42	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		47	U	47	350
Fluorene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorobutadiene		8.5	U	8.5	71
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		42	U	42	350
Naphthalene		41	U	41	350
Nitrobenzene		5.0	U	5.0	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152146	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35577.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 1223			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
N-Nitrosodiphenylamine		35	U	35	350
Phenanthrene		45	U	45	350
Pyrene		390		29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	83		40 - 109
Nitrobenzene-d5	78		38 - 105
Terphenyl-d14	64		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152146	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151635	Lab File ID:	p35577.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 1223			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-6	8.41	46000	J
	Unknown-4	8.52	4500	J
	Unknown-5	8.58	6900	J
593-45-3	n-Octadecane	8.83	5100	
	Unknown Alkane-9	8.86	25000	J
	Trichloro-1,1-biphenyl isomer-1	9.03	3300	J
	Unknown Alkane-10	9.20	5400	J
	Trichloro-1,1-biphenyl isomer-2	9.28	13000	J
	Trichloro-1,1-biphenyl isomer-3	9.35	3600	J
	Tetrachloro-1,1-biphenyl isomer-1	9.54	6100	J
	Tetrachloro-1,1-biphenyl isomer-2	9.71	3400	J
	Unknown Alkane-12	9.90	3600	J
	Tetrachloro-1,1-biphenyl isomer-3	10.00	3100	J
	Tetrachloro-1,1-biphenyl isomer-4	10.03	3900	J
	Tetrachloro-1,1-biphenyl isomer-5	10.05	3400	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35643.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 2131			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		20	U	20	180
1,2-Dichlorobenzene		210	U	210	1800
1,3-Dichlorobenzene		160	U	160	1800
1,4-Dichlorobenzene		200	U	200	1800
2,4-Dinitrotoluene		58	U	58	360
2,6-Dinitrotoluene		53	U	53	360
2-Chloronaphthalene		200	U	200	1800
2-Methylnaphthalene		230	U	230	1800
2-Nitroaniline		740	U	740	3600
3,3'-Dichlorobenzidine		620	U	620	3600
3-Nitroaniline		630	U	630	3600
4-Bromophenyl phenyl ether		180	U	180	1800
4-Chloroaniline		470	U	470	1800
4-Chlorophenyl phenyl ether		210	U	210	1800
4-Nitroaniline		550	U	550	3600
Acenaphthene		260	U	260	1800
Acenaphthylene		210	U	210	1800
Anthracene		210	U	210	1800
Benzo[a]anthracene		12	U	12	180
Benzo[a]pyrene		13	U	13	180
Benzo[b]fluoranthene		11	U	11	180
Benzo[g,h,i]perylene		130	U	130	1800
Benzo[k]fluoranthene		13	U	13	180
bis (2-chloroisopropyl) ether		200	U	200	1800
Bis(2-chloroethoxy)methane		230	U	230	1800
Bis(2-chloroethyl)ether		24	U	24	180
Bis(2-ethylhexyl) phthalate		590	U	590	1800
Butyl benzyl phthalate		160	U	160	1800
Carbazole		210	U	210	1800
Chrysene		210	U	210	1800
Dibenz(a,h)anthracene		22	U	22	180
Dibenzofuran		210	U	210	1800
Diethyl phthalate		210	U	210	1800
Dimethyl phthalate		210	U	210	1800
Di-n-butyl phthalate		220	U	220	1800
Di-n-octyl phthalate		110	U	110	1800
Fluoranthene		240	U	240	1800
Fluorene		230	U	230	1800
Hexachlorobenzene		24	U	24	180
Hexachlorobutadiene		43	U	43	360
Hexachlorocyclopentadiene		210	U	210	1800
Hexachloroethane		20	U	20	180
Indeno[1,2,3-cd]pyrene		33	U	33	180
Isophorone		210	U	210	1800
Naphthalene		200	U	200	1800
Nitrobenzene		25	U	25	180

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35643.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 2131			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		29	U	29	180
N-Nitrosodiphenylamine		170	U	170	1800
Phenanthrene		910	J	220	1800
Pyrene		500	J	150	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	96		40 - 109
Nitrobenzene-d5	87		38 - 105
Terphenyl-d14	72		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35643.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 2131			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-6	8.05	21000	J
	Unknown Alkane-7	8.32	80000	J
	Unknown-4	8.36	11000	J
	Dichloro-1,1-biphenyl isomer	8.43	12000	J
	Unknown Alkane-8	8.49	23000	J
	Unknown-5	8.52	13000	J
	Unknown-6	8.62	16000	J
	Unknown Alkane-9	8.77	51000	J
	Trichloro-1,1-biphenyl isomer-1	8.95	12000	J
	Unknown Alkane-10	9.11	13000	J
	Trichloro-1,1-biphenyl isomer-2	9.19	32000	J
	Trichloro-1,1-biphenyl isomer-4	9.33	12000	J
	Unknown-7	9.37	11000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.46	18000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.95	10000	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35594.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/20/2013 2334			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.5	U	4.5	39
1,2-Dichlorobenzene		46	U	46	390
1,3-Dichlorobenzene		36	U	36	390
1,4-Dichlorobenzene		45	U	45	390
2,4-Dinitrotoluene		13	U	13	80
2,6-Dinitrotoluene		12	U	12	80
2-Chloronaphthalene		44	U	44	390
2-Methylnaphthalene		52	J	51	390
2-Nitroaniline		160	U	160	800
3,3'-Dichlorobenzidine		140	U	140	800
3-Nitroaniline		140	U	140	800
4-Bromophenyl phenyl ether		39	U	39	390
4-Chloroaniline		100	U	100	390
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	800
Acenaphthene		58	U	58	390
Acenaphthylene		47	U	47	390
Anthracene		48	U	48	390
Benzo[a]anthracene		2.8	U	2.8	39
Benzo[a]pyrene		2.8	U	2.8	39
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[k]fluoranthene		3.0	U	3.0	39
bis (2-chloroisopropyl) ether		44	U	44	390
Bis(2-chloroethoxy)methane		51	U	51	390
Bis(2-chloroethyl)ether		5.4	U	5.4	39
Bis(2-ethylhexyl) phthalate		130	U	130	390
Butyl benzyl phthalate		36	U	36	390
Carbazole		47	U	47	390
Chrysene		46	U	46	390
Dibenz(a,h)anthracene		5.0	U	5.0	39
Dibenzofuran		46	U	46	390
Diethyl phthalate		47	U	47	390
Dimethyl phthalate		47	U	47	390
Di-n-butyl phthalate		49	U	49	390
Di-n-octyl phthalate		25	U	25	390
Fluoranthene		53	U	53	390
Fluorene		220	J	50	390
Hexachlorobenzene		5.4	U	5.4	39
Hexachlorobutadiene		9.6	U	9.6	80
Hexachlorocyclopentadiene		46	U	46	390
Hexachloroethane		4.4	U	4.4	39
Indeno[1,2,3-cd]pyrene		7.3	U	7.3	39
Isophorone		48	U	48	390
Naphthalene		46	U	46	390
Nitrobenzene		5.6	U	5.6	39

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35594.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/20/2013 2334			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.6	U	6.6	39
N-Nitrosodiphenylamine		39	U	39	390
Phenanthrene		1300		50	390
Pyrene		280	J	33	390

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	99		40 - 109
Nitrobenzene-d5	84		38 - 105
Terphenyl-d14	74		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35594.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/20/2013 2334			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-3	7.38	6600	J
	Unknown Alkane-7	7.88	9200	J
	Unknown Alkane-8	8.10	8200	J
	Unknown Alkane-9	8.18	6800	J
	Unknown Alkane-10	8.35	37000	J
	Unknown Alkane-11	8.37	22000	J
	Unknown Alkane-12	8.54	12000	J
	Unknown Alkane-14	8.66	7600	J
593-45-3	n-Octadecane	8.79	13000	E
	Unknown Alkane-15	8.82	22000	J
	Unknown Alkane-18	9.21	13000	J
	Trichloro-1,1-biphenyl isomer-2	9.25	13000	J
	Trichloro-1,1-biphenyl isomer-3	9.38	7900	J
	Tetrachloro-1,1-biphenyl isomer	9.51	9700	J
	Unknown Alkane-19	9.60	5800	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35595.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/20/2013 2359			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.0	U	4.0	36
1,2-Dichlorobenzene		41	U	41	360
1,3-Dichlorobenzene		32	U	32	360
1,4-Dichlorobenzene		40	U	40	360
2,4-Dinitrotoluene		12	U	12	72
2,6-Dinitrotoluene		11	U	11	72
2-Chloronaphthalene		40	U	40	360
2-Methylnaphthalene		46	U	46	360
2-Nitroaniline		150	U	150	720
3,3'-Dichlorobenzidine		130	U	130	720
3-Nitroaniline		130	U	130	720
4-Bromophenyl phenyl ether		35	U	35	360
4-Chloroaniline		95	U	95	360
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	720
Acenaphthene		52	U	52	360
Acenaphthylene		42	U	42	360
Anthracene		43	U	43	360
Benzo[a]anthracene		2.5	U	2.5	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[g,h,i]perylene		26	U	26	360
Benzo[k]fluoranthene		2.7	U	2.7	36
bis (2-chloroisopropyl) ether		40	U	40	360
Bis(2-chloroethoxy)methane		46	U	46	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
Bis(2-ethylhexyl) phthalate		120	U	120	360
Butyl benzyl phthalate		33	U	33	360
Carbazole		42	U	42	360
Chrysene		42	U	42	360
Dibenz(a,h)anthracene		4.5	U	4.5	36
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Dimethyl phthalate		42	U	42	360
Di-n-butyl phthalate		44	U	44	360
Di-n-octyl phthalate		23	U	23	360
Fluoranthene		48	U	48	360
Fluorene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorobutadiene		8.7	U	8.7	72
Hexachlorocyclopentadiene		42	U	42	360
Hexachloroethane		4.0	U	4.0	36
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	36
Isophorone		43	U	43	360
Naphthalene		41	U	41	360
Nitrobenzene		5.1	U	5.1	36

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35595.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/20/2013 2359			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
N-Nitrosodiphenylamine		35	U	35	360
Phenanthrene		45	U	45	360
Pyrene		30	U	30	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		40 - 109
Nitrobenzene-d5	79		38 - 105
Terphenyl-d14	75		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35595.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/20/2013 2359			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	8.09	740	J
	Unknown-1	8.27	520	J
	Unknown Alkane-2	8.35	2200	J
	Unknown-2	8.47	290	J
	Unknown-3	8.54	610	J
	Unknown Alkane-3	8.56	410	J
	Unknown Alkane-4	8.78	310	J
	Unknown Alkane-5	8.81	1800	J
	Unknown Alkane-6	9.15	470	J
	Unknown Alkane-7	9.48	390	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35596.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 0024			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.3	U	4.3	38
1,2-Dichlorobenzene		44	U	44	380
1,3-Dichlorobenzene		34	U	34	380
1,4-Dichlorobenzene		43	U	43	380
2,4-Dinitrotoluene		12	U	12	76
2,6-Dinitrotoluene		11	U	11	76
2-Chloronaphthalene		42	U	42	380
2-Methylnaphthalene		48	U	48	380
2-Nitroaniline		160	U	160	760
3,3'-Dichlorobenzidine		130	U	130	760
3-Nitroaniline		130	U	130	760
4-Bromophenyl phenyl ether		37	U	37	380
4-Chloroaniline		100	U	100	380
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	760
Acenaphthene		55	U	55	380
Acenaphthylene		45	U	45	380
Anthracene		46	U	46	380
Benzo[a]anthracene		2.6	U	2.6	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[k]fluoranthene		2.9	U	2.9	38
bis (2-chloroisopropyl) ether		42	U	42	380
Bis(2-chloroethoxy)methane		49	U	49	380
Bis(2-chloroethyl)ether		5.1	U	5.1	38
Bis(2-ethylhexyl) phthalate		130	U	130	380
Butyl benzyl phthalate		35	U	35	380
Carbazole		45	U	45	380
Chrysene		44	U	44	380
Dibenz(a,h)anthracene		4.8	U	4.8	38
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Dimethyl phthalate		45	U	45	380
Di-n-butyl phthalate		47	U	47	380
Di-n-octyl phthalate		24	U	24	380
Fluoranthene		50	U	50	380
Fluorene		48	U	48	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorobutadiene		9.2	U	9.2	76
Hexachlorocyclopentadiene		44	U	44	380
Hexachloroethane		4.2	U	4.2	38
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Isophorone		46	U	46	380
Naphthalene		44	U	44	380
Nitrobenzene		5.4	U	5.4	38

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35596.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 0024			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
N-Nitrosodiphenylamine		37	U	37	380
Phenanthrene		48	U	48	380
Pyrene		32	U	32	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	85		40 - 109
Nitrobenzene-d5	85		38 - 105
Terphenyl-d14	91		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35596.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 0024			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	8.08	330	J
	Unknown Alkane-2	8.33	310	J
	Unknown	8.34	400	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35597.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0049			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.2	U	4.2	37
1,2-Dichlorobenzene		43	U	43	370
1,3-Dichlorobenzene		34	U	34	370
1,4-Dichlorobenzene		42	U	42	370
2,4-Dinitrotoluene		12	U	12	75
2,6-Dinitrotoluene		11	U	11	75
2-Chloronaphthalene		42	U	42	370
2-Methylnaphthalene		48	U	48	370
2-Nitroaniline		160	U	160	750
3,3'-Dichlorobenzidine		130	U	130	750
3-Nitroaniline		130	U	130	750
4-Bromophenyl phenyl ether		37	U	37	370
4-Chloroaniline		99	U	99	370
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	750
Acenaphthene		54	U	54	370
Acenaphthylene		44	U	44	370
Anthracene		45	U	45	370
Benzo[a]anthracene		2.6	U	2.6	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[k]fluoranthene		2.8	U	2.8	37
bis (2-chloroisopropyl) ether		41	U	41	370
Bis(2-chloroethoxy)methane		48	U	48	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Carbazole		44	U	44	370
Chrysene		43	U	43	370
Dibenz(a,h)anthracene		4.7	U	4.7	37
Dibenzofuran		44	U	44	370
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		44	U	44	370
Di-n-butyl phthalate		46	U	46	370
Di-n-octyl phthalate		24	U	24	370
Fluoranthene		50	U	50	370
Fluorene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorobutadiene		9.1	U	9.1	75
Hexachlorocyclopentadiene		44	U	44	370
Hexachloroethane		4.1	U	4.1	37
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Isophorone		45	U	45	370
Naphthalene		43	U	43	370
Nitrobenzene		5.3	U	5.3	37

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35597.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0049			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
N-Nitrosodiphenylamine		37	U	37	370
Phenanthrene		47	U	47	370
Pyrene		31	U	31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	85		40 - 109
Nitrobenzene-d5	85		38 - 105
Terphenyl-d14	79		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35597.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0049			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.35	400	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35600.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 0205			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.3	U	4.3	38
1,2-Dichlorobenzene		44	U	44	380
1,3-Dichlorobenzene		34	U	34	380
1,4-Dichlorobenzene		43	U	43	380
2,4-Dinitrotoluene		12	U	12	77
2,6-Dinitrotoluene		11	U	11	77
2-Chloronaphthalene		42	U	42	380
2-Methylnaphthalene		49	U	49	380
2-Nitroaniline		160	U	160	770
3,3'-Dichlorobenzidine		130	U	130	770
3-Nitroaniline		130	U	130	770
4-Bromophenyl phenyl ether		37	U	37	380
4-Chloroaniline		100	U	100	380
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	770
Acenaphthene		55	U	55	380
Acenaphthylene		45	U	45	380
Anthracene		46	U	46	380
Benzo[a]anthracene		2.6	U	2.6	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[k]fluoranthene		2.9	U	2.9	38
bis (2-chloroisopropyl) ether		42	U	42	380
Bis(2-chloroethoxy)methane		49	U	49	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
Bis(2-ethylhexyl) phthalate		130	U	130	380
Butyl benzyl phthalate		35	U	35	380
Carbazole		45	U	45	380
Chrysene		44	U	44	380
Dibenz(a,h)anthracene		4.8	U	4.8	38
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Dimethyl phthalate		45	U	45	380
Di-n-butyl phthalate		47	U	47	380
Di-n-octyl phthalate		24	U	24	380
Fluoranthene		50	U	50	380
Fluorene		48	U	48	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorobutadiene		9.2	U	9.2	77
Hexachlorocyclopentadiene		44	U	44	380
Hexachloroethane		4.2	U	4.2	38
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Isophorone		46	U	46	380
Naphthalene		44	U	44	380
Nitrobenzene		5.4	U	5.4	38

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35600.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 0205			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
N-Nitrosodiphenylamine		37	U	37	380
Phenanthrene		48	U	48	380
Pyrene		32	U	32	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	83		40 - 109
Nitrobenzene-d5	83		38 - 105
Terphenyl-d14	82		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35600.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 0205			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35601.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/21/2013 0230			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3.9	U	3.9	35
1,2-Dichlorobenzene		40	U	40	350
1,3-Dichlorobenzene		31	U	31	350
1,4-Dichlorobenzene		39	U	39	350
2,4-Dinitrotoluene		11	U	11	70
2,6-Dinitrotoluene		10	U	10	70
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		140	U	140	700
3,3'-Dichlorobenzidine		120	U	120	700
3-Nitroaniline		120	U	120	700
4-Bromophenyl phenyl ether		34	U	34	350
4-Chloroaniline		92	U	92	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
Acenaphthene		51	U	51	350
Acenaphthylene		41	U	41	350
Anthracene		42	U	42	350
Benzo[a]anthracene		2.4	U	2.4	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.6	U	2.6	35
bis (2-chloroisopropyl) ether		38	U	38	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		41	U	41	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Dimethyl phthalate		41	U	41	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		46	U	46	350
Fluorene		44	U	44	350
Hexachlorobenzene		4.7	U	4.7	35
Hexachlorobutadiene		8.5	U	8.5	70
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		42	U	42	350
Naphthalene		40	U	40	350
Nitrobenzene		4.9	U	4.9	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35601.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/21/2013 0230			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
N-Nitrosodiphenylamine		34	U	34	350
Phenanthrene		44	U	44	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	87		40 - 109
Nitrobenzene-d5	88		38 - 105
Terphenyl-d14	92		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35601.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/21/2013 0230			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.85	330	J
	Unknown Alkane-2	7.37	400	J
	Unknown Alkane-3	7.87	410	J
	Unknown Alkane-4	8.33	520	J
	Unknown	8.35	310	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35602.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0256			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.1	U	4.1	36
1,2-Dichlorobenzene		42	U	42	360
1,3-Dichlorobenzene		33	U	33	360
1,4-Dichlorobenzene		41	U	41	360
2,4-Dinitrotoluene		12	U	12	74
2,6-Dinitrotoluene		11	U	11	74
2-Chloronaphthalene		41	U	41	360
2-Methylnaphthalene		47	U	47	360
2-Nitroaniline		150	U	150	740
3,3'-Dichlorobenzidine		130	U	130	740
3-Nitroaniline		130	U	130	740
4-Bromophenyl phenyl ether		36	U	36	360
4-Chloroaniline		97	U	97	360
4-Chlorophenyl phenyl ether		43	U	43	360
4-Nitroaniline		110	U	110	740
Acenaphthene		53	U	53	360
Acenaphthylene		43	U	43	360
Anthracene		44	U	44	360
Benzo[a]anthracene		2.5	U	2.5	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[k]fluoranthene		2.8	U	2.8	36
bis (2-chloroisopropyl) ether		40	U	40	360
Bis(2-chloroethoxy)methane		47	U	47	360
Bis(2-chloroethyl)ether		5.0	U	5.0	36
Bis(2-ethylhexyl) phthalate		120	U	120	360
Butyl benzyl phthalate		33	U	33	360
Carbazole		43	U	43	360
Chrysene		43	U	43	360
Dibenz(a,h)anthracene		4.6	U	4.6	36
Dibenzofuran		43	U	43	360
Diethyl phthalate		43	U	43	360
Dimethyl phthalate		43	U	43	360
Di-n-butyl phthalate		45	U	45	360
Di-n-octyl phthalate		23	U	23	360
Fluoranthene		49	U	49	360
Fluorene		47	U	47	360
Hexachlorobenzene		5.0	U	5.0	36
Hexachlorobutadiene		8.9	U	8.9	74
Hexachlorocyclopentadiene		43	U	43	360
Hexachloroethane		4.1	U	4.1	36
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	36
Isophorone		44	U	44	360
Naphthalene		42	U	42	360
Nitrobenzene		5.2	U	5.2	36

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35602.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0256			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.1	U	6.1	36
N-Nitrosodiphenylamine		36	U	36	360
Phenanthrene		46	U	46	360
Pyrene		83	J	31	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	93		40 - 109
Nitrobenzene-d5	89		38 - 105
Terphenyl-d14	77		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35602.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0256			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-4	7.88	10000	J
	Unknown Alkane-5	8.10	8700	J
	Unknown Alkane-7	8.17	4400	J
	Unknown Alkane-8	8.35	40000	J
	Unknown-1	8.37	21000	J
	Unknown Alkane-9	8.54	7200	J
	Unknown-3	8.66	5100	J
593-45-3	n-Octadecane	8.79	15000	E
	Unknown Alkane-11	8.82	17000	J
	Unknown Alkane-13	9.16	5300	J
	Unknown Alkane-14	9.21	18000	J
	Trichloro-1,1-biphenyl isomer-1	9.24	7900	J
	Tetrachloro-1,1-biphenyl isomer-1	9.51	5900	J
	Unknown Alkane-15	9.60	8300	J
	Unknown Alkane-16	9.98	4900	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35603.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0321			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.2	U	4.2	37
1,2-Dichlorobenzene		43	U	43	370
1,3-Dichlorobenzene		34	U	34	370
1,4-Dichlorobenzene		42	U	42	370
2,4-Dinitrotoluene		12	U	12	76
2,6-Dinitrotoluene		11	U	11	76
2-Chloronaphthalene		42	U	42	370
2-Methylnaphthalene		48	U	48	370
2-Nitroaniline		160	U	160	760
3,3'-Dichlorobenzidine		130	U	130	760
3-Nitroaniline		130	U	130	760
4-Bromophenyl phenyl ether		37	U	37	370
4-Chloroaniline		99	U	99	370
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
Acenaphthene		54	U	54	370
Acenaphthylene		44	U	44	370
Anthracene		45	U	45	370
Benzo[a]anthracene		2.6	U	2.6	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[k]fluoranthene		2.8	U	2.8	37
bis (2-chloroisopropyl) ether		41	U	41	370
Bis(2-chloroethoxy)methane		48	U	48	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Carbazole		44	U	44	370
Chrysene		44	U	44	370
Dibenz(a,h)anthracene		4.7	U	4.7	37
Dibenzofuran		44	U	44	370
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		44	U	44	370
Di-n-butyl phthalate		46	U	46	370
Di-n-octyl phthalate		24	U	24	370
Fluoranthene		50	U	50	370
Fluorene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorobutadiene		9.1	U	9.1	76
Hexachlorocyclopentadiene		44	U	44	370
Hexachloroethane		4.2	U	4.2	37
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Isophorone		45	U	45	370
Naphthalene		43	U	43	370
Nitrobenzene		5.3	U	5.3	37

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35603.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0321			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
N-Nitrosodiphenylamine		37	U	37	370
Phenanthrene		110	J	48	370
Pyrene		31	J	31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		40 - 109
Nitrobenzene-d5	82		38 - 105
Terphenyl-d14	72		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35603.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0321			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	7.87	3200	J
	Unknown Alkane-3	8.09	2700	J
	Unknown Alkane-5	8.34	20000	J
	Unknown Alkane-6	8.52	2200	J
	Unknown Alkane-7	8.56	1100	J
	Unknown Alkane-9	8.65	1800	J
593-45-3	n-Octadecane	8.78	8000	
	Unknown Alkane-10	8.81	6200	J
	Unknown Alkane-12	9.15	1300	J
	Unknown Alkane-13	9.20	8600	J
	Trichloro-1,1-biphenyl isomer-2	9.23	2300	J
	Tetrachloro-1,1-biphenyl isomer-1	9.50	1500	J
	Unknown Alkane-14	9.59	4700	J
	Unknown Alkane-15	9.98	3000	J
	Unknown Alkane-16	10.35	1500	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35644.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 2156			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3.9	U	3.9	35
1,2-Dichlorobenzene		40	U	40	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		39	U	39	350
2,4-Dinitrotoluene		11	U	11	70
2,6-Dinitrotoluene		10	U	10	70
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		140	U	140	700
3,3'-Dichlorobenzidine		120	U	120	700
3-Nitroaniline		120	U	120	700
4-Bromophenyl phenyl ether		34	U	34	350
4-Chloroaniline		92	U	92	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
Acenaphthene		51	U	51	350
Acenaphthylene		41	U	41	350
Anthracene		42	U	42	350
Benzo[a]anthracene		2.4	U	2.4	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.6	U	2.6	35
bis (2-chloroisopropyl) ether		38	U	38	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		41	U	41	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Dimethyl phthalate		41	U	41	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		46	U	46	350
Fluorene		44	U	44	350
Hexachlorobenzene		4.7	U	4.7	35
Hexachlorobutadiene		8.5	U	8.5	70
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		42	U	42	350
Naphthalene		40	U	40	350
Nitrobenzene		4.9	U	4.9	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35644.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 2156			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
N-Nitrosodiphenylamine		34	U	34	350
Phenanthrene		44	U	44	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	86		40 - 109
Nitrobenzene-d5	86		38 - 105
Terphenyl-d14	83		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35644.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 2156			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.82	300	J
	Unknown Alkane-2	8.29	990	J
	Unknown Alkane-3	8.76	300	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35645.d
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 2221	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		42	U	42	370
1,2-Dichlorobenzene		430	U	430	3700
1,3-Dichlorobenzene		340	U	340	3700
1,4-Dichlorobenzene		420	U	420	3700
2,4-Dinitrotoluene		120	U	120	750
2,6-Dinitrotoluene		110	U	110	750
2-Chloronaphthalene		410	U	410	3700
2-Methylnaphthalene		480	U	480	3700
2-Nitroaniline		1500	U	1500	7500
3,3'-Dichlorobenzidine		1300	U	1300	7500
3-Nitroaniline		1300	U	1300	7500
4-Bromophenyl phenyl ether		370	U	370	3700
4-Chloroaniline		980	U	980	3700
4-Chlorophenyl phenyl ether		430	U	430	3700
4-Nitroaniline		1200	U	1200	7500
Acenaphthene		540	U	540	3700
Acenaphthylene		440	U	440	3700
Anthracene		450	U	450	3700
Benzo[a]anthracene		26	U	26	370
Benzo[a]pyrene		26	U	26	370
Benzo[b]fluoranthene		23	U	23	370
Benzo[g,h,i]perylene		270	U	270	3700
Benzo[k]fluoranthene		28	U	28	370
bis (2-chloroisopropyl) ether		410	U	410	3700
Bis(2-chloroethoxy)methane		480	U	480	3700
Bis(2-chloroethyl)ether		50	U	50	370
Bis(2-ethylhexyl) phthalate		1200	U	1200	3700
Butyl benzyl phthalate		340	U	340	3700
Carbazole		440	U	440	3700
Chrysene		430	U	430	3700
Dibenz(a,h)anthracene		47	U	47	370
Dibenzofuran		430	U	430	3700
Diethyl phthalate		440	U	440	3700
Dimethyl phthalate		440	U	440	3700
Di-n-butyl phthalate		460	U	460	3700
Di-n-octyl phthalate		240	U	240	3700
Fluoranthene		490	U	490	3700
Fluorene		470	U	470	3700
Hexachlorobenzene		51	U	51	370
Hexachlorobutadiene		90	U	90	750
Hexachlorocyclopentadiene		440	U	440	3700
Hexachloroethane		41	U	41	370
Indeno[1,2,3-cd]pyrene		69	U	69	370
Isophorone		450	U	450	3700
Naphthalene		430	U	430	3700
Nitrobenzene		53	U	53	370

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35645.d
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 2221	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		62	U	62	370
N-Nitrosodiphenylamine		360	U	360	3700
Phenanthrene		470	U	470	3700
Pyrene		310	U	310	3700

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	0	D	40 - 109
Nitrobenzene-d5	0	D	38 - 105
Terphenyl-d14	0	D	16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35645.d
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 2221	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	6.81	28000	D J
	Unknown Alkane-3	7.13	29000	D J
	Unknown Alkane-4	7.34	47000	D J
	Unknown Alkane-10	7.83	69000	D J
	Unknown Alkane-11	8.05	52000	D J
	Unknown Alkane-12	8.13	24000	D J
	Unknown Alkane-13	8.30	200000	D J
	Unknown-3	8.32	170000	D J
	Unknown Alkane-14	8.49	32000	D J
593-45-3	n-Octadecane	8.74	81000	D
	Unknown Alkane-16	8.77	83000	D J
	Unknown Alkane-18	9.16	89000	D J
	Trichloro-1,1-biphenyl isomer	9.18	35000	D J
	Unknown Alkane-19	9.55	45000	D J
	Unknown Alkane-20	9.93	28000	D J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35590.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/20/2013 2154			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.4	U	4.4	39
1,2-Dichlorobenzene		45	U	45	390
1,3-Dichlorobenzene		35	U	35	390
1,4-Dichlorobenzene		44	U	44	390
2,4-Dinitrotoluene		13	U	13	79
2,6-Dinitrotoluene		12	U	12	79
2-Chloronaphthalene		43	U	43	390
2-Methylnaphthalene		50	U	50	390
2-Nitroaniline		160	U	160	790
3,3'-Dichlorobenzidine		140	U	140	790
3-Nitroaniline		140	U	140	790
4-Bromophenyl phenyl ether		39	U	39	390
4-Chloroaniline		100	U	100	390
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	790
Acenaphthene		57	U	57	390
Acenaphthylene		46	U	46	390
Anthracene		47	U	47	390
Benzo[a]anthracene		2.7	U	2.7	39
Benzo[a]pyrene		2.8	U	2.8	39
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[k]fluoranthene		3.0	U	3.0	39
bis (2-chloroisopropyl) ether		43	U	43	390
Bis(2-chloroethoxy)methane		50	U	50	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
Bis(2-ethylhexyl) phthalate		130	U	130	390
Butyl benzyl phthalate		36	U	36	390
Carbazole		46	U	46	390
Chrysene		45	U	45	390
Dibenz(a,h)anthracene		4.9	U	4.9	39
Dibenzofuran		46	U	46	390
Diethyl phthalate		46	U	46	390
Dimethyl phthalate		46	U	46	390
Di-n-butyl phthalate		48	U	48	390
Di-n-octyl phthalate		25	U	25	390
Fluoranthene		52	U	52	390
Fluorene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorobutadiene		9.5	U	9.5	79
Hexachlorocyclopentadiene		46	U	46	390
Hexachloroethane		4.3	U	4.3	39
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Isophorone		47	U	47	390
Naphthalene		45	U	45	390
Nitrobenzene		5.5	U	5.5	39

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35590.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/20/2013 2154			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
N-Nitrosodiphenylamine		38	U	38	390
Phenanthrene		50	U	50	390
Pyrene		33	U	33	390

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	85		40 - 109
Nitrobenzene-d5	86		38 - 105
Terphenyl-d14	79		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35590.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/20/2013 2154			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.33	440	J
	Unknown	8.35	550	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35591.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/20/2013 2219			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.6	U	4.6	41
1,2-Dichlorobenzene		47	U	47	410
1,3-Dichlorobenzene		37	U	37	410
1,4-Dichlorobenzene		46	U	46	410
2,4-Dinitrotoluene		13	U	13	82
2,6-Dinitrotoluene		12	U	12	82
2-Chloronaphthalene		45	U	45	410
2-Methylnaphthalene		52	U	52	410
2-Nitroaniline		170	U	170	820
3,3'-Dichlorobenzidine		140	U	140	820
3-Nitroaniline		140	U	140	820
4-Bromophenyl phenyl ether		40	U	40	410
4-Chloroaniline		110	U	110	410
4-Chlorophenyl phenyl ether		48	U	48	410
4-Nitroaniline		130	U	130	820
Acenaphthene		59	U	59	410
Acenaphthylene		48	U	48	410
Anthracene		49	U	49	410
Benzo[a]anthracene		2.8	U	2.8	41
Benzo[a]pyrene		2.9	U	2.9	41
Benzo[b]fluoranthene		2.6	U	2.6	41
Benzo[g,h,i]perylene		30	U	30	410
Benzo[k]fluoranthene		3.1	U	3.1	41
bis (2-chloroisopropyl) ether		45	U	45	410
Bis(2-chloroethoxy)methane		53	U	53	410
Bis(2-chloroethyl)ether		5.6	U	5.6	41
Bis(2-ethylhexyl) phthalate		140	U	140	410
Butyl benzyl phthalate		37	U	37	410
Carbazole		48	U	48	410
Chrysene		48	U	48	410
Dibenz(a,h)anthracene		5.1	U	5.1	41
Dibenzofuran		48	U	48	410
Diethyl phthalate		49	U	49	410
Dimethyl phthalate		48	U	48	410
Di-n-butyl phthalate		50	U	50	410
Di-n-octyl phthalate		26	U	26	410
Fluoranthene		54	U	54	410
Fluorene		52	U	52	410
Hexachlorobenzene		5.6	U	5.6	41
Hexachlorobutadiene		9.9	U	9.9	82
Hexachlorocyclopentadiene		48	U	48	410
Hexachloroethane		4.5	U	4.5	41
Indeno[1,2,3-cd]pyrene		7.6	U	7.6	41
Isophorone		49	U	49	410
Naphthalene		47	U	47	410
Nitrobenzene		5.8	U	5.8	41

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35591.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/20/2013 2219			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.8	U	6.8	41
N-Nitrosodiphenylamine		40	U	40	410
Phenanthrene		52	U	52	410
Pyrene		34	U	34	410

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		40 - 109
Nitrobenzene-d5	83		38 - 105
Terphenyl-d14	83		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35591.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/20/2013 2219			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	13.30	460	J
	Unknown Alkane-2	14.28	410	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35592.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 2244			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.0	U	4.0	35
1,2-Dichlorobenzene		41	U	41	350
1,3-Dichlorobenzene		32	U	32	350
1,4-Dichlorobenzene		40	U	40	350
2,4-Dinitrotoluene		12	U	12	71
2,6-Dinitrotoluene		11	U	11	71
2-Chloronaphthalene		39	U	39	350
2-Methylnaphthalene		45	U	45	350
2-Nitroaniline		150	U	150	710
3,3'-Dichlorobenzidine		120	U	120	710
3-Nitroaniline		120	U	120	710
4-Bromophenyl phenyl ether		35	U	35	350
4-Chloroaniline		93	U	93	350
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
Acenaphthene		51	U	51	350
Acenaphthylene		42	U	42	350
Anthracene		43	U	43	350
Benzo[a]anthracene		2.5	U	2.5	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[k]fluoranthene		2.7	U	2.7	35
bis (2-chloroisopropyl) ether		39	U	39	350
Bis(2-chloroethoxy)methane		45	U	45	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
Bis(2-ethylhexyl) phthalate		120	U	120	350
Butyl benzyl phthalate		32	U	32	350
Carbazole		42	U	42	350
Chrysene		41	U	41	350
Dibenz(a,h)anthracene		4.4	U	4.4	35
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Dimethyl phthalate		42	U	42	350
Di-n-butyl phthalate		43	U	43	350
Di-n-octyl phthalate		22	U	22	350
Fluoranthene		47	U	47	350
Fluorene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorobutadiene		8.6	U	8.6	71
Hexachlorocyclopentadiene		41	U	41	350
Hexachloroethane		3.9	U	3.9	35
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Isophorone		43	U	43	350
Naphthalene		41	U	41	350
Nitrobenzene		5.0	U	5.0	35

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35592.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 2244			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
N-Nitrosodiphenylamine		35	U	35	350
Phenanthrene		45	U	45	350
Pyrene		29	U	29	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		40 - 109
Nitrobenzene-d5	82		38 - 105
Terphenyl-d14	77		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35592.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 2244			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35629.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/21/2013 1451			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.2	U	4.2	37
1,2-Dichlorobenzene		43	U	43	370
1,3-Dichlorobenzene		34	U	34	370
1,4-Dichlorobenzene		42	U	42	370
2,4-Dinitrotoluene		12	U	12	76
2,6-Dinitrotoluene		11	U	11	76
2-Chloronaphthalene		42	U	42	370
2-Methylnaphthalene		48	U	48	370
2-Nitroaniline		160	U	160	760
3,3'-Dichlorobenzidine		130	U	130	760
3-Nitroaniline		130	U	130	760
4-Bromophenyl phenyl ether		37	U	37	370
4-Chloroaniline		99	U	99	370
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
Acenaphthene		54	U	54	370
Acenaphthylene		44	U	44	370
Anthracene		45	U	45	370
Benzo[a]anthracene		2.6	U	2.6	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[k]fluoranthene		2.8	U	2.8	37
bis (2-chloroisopropyl) ether		41	U	41	370
Bis(2-chloroethoxy)methane		48	U	48	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Carbazole		44	U	44	370
Chrysene		44	U	44	370
Dibenz(a,h)anthracene		4.7	U	4.7	37
Dibenzofuran		44	U	44	370
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		44	U	44	370
Di-n-butyl phthalate		46	U	46	370
Di-n-octyl phthalate		24	U	24	370
Fluoranthene		50	U	50	370
Fluorene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorobutadiene		9.1	U	9.1	76
Hexachlorocyclopentadiene		44	U	44	370
Hexachloroethane		4.1	U	4.1	37
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Isophorone		45	U	45	370
Naphthalene		43	U	43	370
Nitrobenzene		5.3	U	5.3	37

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35629.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/21/2013 1451			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
N-Nitrosodiphenylamine		37	U	37	370
Phenanthrene		1300		47	370
Pyrene		170	J	31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	89		40 - 109
Nitrobenzene-d5	85		38 - 105
Terphenyl-d14	68		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35629.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/21/2013 1451			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-4	8.07	6100	J
	Unknown Alkane-5	8.34	32000	J
	Unknown Alkane-6	8.51	4900	J
	Unknown Alkane-7	8.54	3300	J
	Unknown Alkane-8	8.79	22000	J
	Unknown Alkane-9	9.13	5800	J
	Unknown-3	9.19	4300	J
	Unknown Alkane-10	9.22	5000	J
	C15H12 PAH-1	9.36	4500	J
	C15H12 PAH-2	9.39	3900	J
	C15H12 PAH-3	9.47	4500	J
	C15H12 PAH-4	9.49	2900	J
	Unknown-4	9.63	2800	J
	Unknown Alkane-11	9.85	2800	J
	C16H14 PAH	9.90	3100	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35630.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 1516			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.4	U	4.4	39
1,2-Dichlorobenzene		45	U	45	390
1,3-Dichlorobenzene		35	U	35	390
1,4-Dichlorobenzene		44	U	44	390
2,4-Dinitrotoluene		13	U	13	78
2,6-Dinitrotoluene		12	U	12	78
2-Chloronaphthalene		43	U	43	390
2-Methylnaphthalene		50	U	50	390
2-Nitroaniline		160	U	160	780
3,3'-Dichlorobenzidine		140	U	140	780
3-Nitroaniline		140	U	140	780
4-Bromophenyl phenyl ether		38	U	38	390
4-Chloroaniline		100	U	100	390
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
Acenaphthene		56	U	56	390
Acenaphthylene		46	U	46	390
Anthracene		47	U	47	390
Benzo[a]anthracene		2.7	U	2.7	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[k]fluoranthene		2.9	U	2.9	39
bis (2-chloroisopropyl) ether		43	U	43	390
Bis(2-chloroethoxy)methane		50	U	50	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
Bis(2-ethylhexyl) phthalate		130	U	130	390
Butyl benzyl phthalate		35	U	35	390
Carbazole		46	U	46	390
Chrysene		45	U	45	390
Dibenz(a,h)anthracene		4.9	U	4.9	39
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Dimethyl phthalate		46	U	46	390
Di-n-butyl phthalate		48	U	48	390
Di-n-octyl phthalate		25	U	25	390
Fluoranthene		51	U	51	390
Fluorene		49	U	49	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorobutadiene		9.4	U	9.4	78
Hexachlorocyclopentadiene		45	U	45	390
Hexachloroethane		4.3	U	4.3	39
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Isophorone		47	U	47	390
Naphthalene		45	U	45	390
Nitrobenzene		5.5	U	5.5	39

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35630.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 1516			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.4	U	6.4	39
N-Nitrosodiphenylamine		38	U	38	390
Phenanthrene		100	J	49	390
Pyrene		32	U	32	390

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	85		40 - 109
Nitrobenzene-d5	84		38 - 105
Terphenyl-d14	81		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35630.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 1516			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	8.05	550	J
	Unknown Alkane-2	8.32	1500	J
	Unknown Alkane-3	8.49	380	J
	Unknown Alkane-4	8.77	1100	J
	Unknown Alkane-5	9.12	320	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35646.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/21/2013 2247			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.1	U	4.1	36
1,2-Dichlorobenzene		42	U	42	360
1,3-Dichlorobenzene		32	U	32	360
1,4-Dichlorobenzene		40	U	40	360
2,4-Dinitrotoluene		12	U	12	72
2,6-Dinitrotoluene		11	U	11	72
2-Chloronaphthalene		40	U	40	360
2-Methylnaphthalene		46	U	46	360
2-Nitroaniline		150	U	150	720
3,3'-Dichlorobenzidine		130	U	130	720
3-Nitroaniline		130	U	130	720
4-Bromophenyl phenyl ether		35	U	35	360
4-Chloroaniline		95	U	95	360
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	720
Acenaphthene		52	U	52	360
Acenaphthylene		42	U	42	360
Anthracene		43	U	43	360
Benzo[a]anthracene		2.5	U	2.5	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[g,h,i]perylene		26	U	26	360
Benzo[k]fluoranthene		2.7	U	2.7	36
bis (2-chloroisopropyl) ether		40	U	40	360
Bis(2-chloroethoxy)methane		46	U	46	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
Bis(2-ethylhexyl) phthalate		120	U	120	360
Butyl benzyl phthalate		33	U	33	360
Carbazole		42	U	42	360
Chrysene		42	U	42	360
Dibenz(a,h)anthracene		4.5	U	4.5	36
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Dimethyl phthalate		42	U	42	360
Di-n-butyl phthalate		44	U	44	360
Di-n-octyl phthalate		23	U	23	360
Fluoranthene		48	U	48	360
Fluorene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorobutadiene		8.7	U	8.7	72
Hexachlorocyclopentadiene		42	U	42	360
Hexachloroethane		4.0	U	4.0	36
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Isophorone		43	U	43	360
Naphthalene		41	U	41	360
Nitrobenzene		5.1	U	5.1	36

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35646.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/21/2013 2247			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
N-Nitrosodiphenylamine		35	U	35	360
Phenanthrene		46	U	46	360
Pyrene		30	U	30	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		40 - 109
Nitrobenzene-d5	82		38 - 105
Terphenyl-d14	84		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35646.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/21/2013 2247			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.29	300	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35638.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 1925			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.2	U	4.2	37
1,2-Dichlorobenzene		43	U	43	370
1,3-Dichlorobenzene		34	U	34	370
1,4-Dichlorobenzene		42	U	42	370
2,4-Dinitrotoluene		12	U	12	75
2,6-Dinitrotoluene		11	U	11	75
2-Chloronaphthalene		41	U	41	370
2-Methylnaphthalene		48	U	48	370
2-Nitroaniline		150	U	150	750
3,3'-Dichlorobenzidine		130	U	130	750
3-Nitroaniline		130	U	130	750
4-Bromophenyl phenyl ether		37	U	37	370
4-Chloroaniline		98	U	98	370
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		120	U	120	750
Acenaphthene		54	U	54	370
Acenaphthylene		44	U	44	370
Anthracene		45	U	45	370
Benzo[a]anthracene		2.6	U	2.6	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[k]fluoranthene		2.8	U	2.8	37
bis (2-chloroisopropyl) ether		41	U	41	370
Bis(2-chloroethoxy)methane		48	U	48	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Carbazole		44	U	44	370
Chrysene		43	U	43	370
Dibenz(a,h)anthracene		4.7	U	4.7	37
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		44	U	44	370
Di-n-butyl phthalate		46	U	46	370
Di-n-octyl phthalate		24	U	24	370
Fluoranthene		49	U	49	370
Fluorene		47	U	47	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorobutadiene		9.0	U	9.0	75
Hexachlorocyclopentadiene		44	U	44	370
Hexachloroethane		4.1	U	4.1	37
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Isophorone		45	U	45	370
Naphthalene		43	U	43	370
Nitrobenzene		5.3	U	5.3	37

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35638.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 1925			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
N-Nitrosodiphenylamine		36	U	36	370
Phenanthrene		47	U	47	370
Pyrene		31	U	31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		40 - 109
Nitrobenzene-d5	83		38 - 105
Terphenyl-d14	78		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35638.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 1925			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35639.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 1950			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.2	U	4.2	37
1,2-Dichlorobenzene		43	U	43	370
1,3-Dichlorobenzene		33	U	33	370
1,4-Dichlorobenzene		42	U	42	370
2,4-Dinitrotoluene		12	U	12	75
2,6-Dinitrotoluene		11	U	11	75
2-Chloronaphthalene		41	U	41	370
2-Methylnaphthalene		47	U	47	370
2-Nitroaniline		150	U	150	750
3,3'-Dichlorobenzidine		130	U	130	750
3-Nitroaniline		130	U	130	750
4-Bromophenyl phenyl ether		37	U	37	370
4-Chloroaniline		98	U	98	370
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	750
Acenaphthene		54	U	54	370
Acenaphthylene		44	U	44	370
Anthracene		45	U	45	370
Benzo[a]anthracene		2.6	U	2.6	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[k]fluoranthene		2.8	U	2.8	37
bis (2-chloroisopropyl) ether		41	U	41	370
Bis(2-chloroethoxy)methane		48	U	48	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Carbazole		44	U	44	370
Chrysene		43	U	43	370
Dibenz(a,h)anthracene		4.6	U	4.6	37
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		44	U	44	370
Di-n-butyl phthalate		45	U	45	370
Di-n-octyl phthalate		24	U	24	370
Fluoranthene		49	U	49	370
Fluorene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorobutadiene		9.0	U	9.0	75
Hexachlorocyclopentadiene		43	U	43	370
Hexachloroethane		4.1	U	4.1	37
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Isophorone		45	U	45	370
Naphthalene		43	U	43	370
Nitrobenzene		5.2	U	5.2	37

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35639.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 1950			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
N-Nitrosodiphenylamine		36	U	36	370
Phenanthrene		47	U	47	370
Pyrene		31	U	31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		40 - 109
Nitrobenzene-d5	84		38 - 105
Terphenyl-d14	83		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35639.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 1950			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35640.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 2016			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		21	U	21	180
1,2-Dichlorobenzene		210	U	210	1800
1,3-Dichlorobenzene		170	U	170	1800
1,4-Dichlorobenzene		210	U	210	1800
2,4-Dinitrotoluene		60	U	60	370
2,6-Dinitrotoluene		55	U	55	370
2-Chloronaphthalene		200	U	200	1800
2-Methylnaphthalene		240	U	240	1800
2-Nitroaniline		760	U	760	3700
3,3'-Dichlorobenzidine		640	U	640	3700
3-Nitroaniline		650	U	650	3700
4-Bromophenyl phenyl ether		180	U	180	1800
4-Chloroaniline		490	U	490	1800
4-Chlorophenyl phenyl ether		210	U	210	1800
4-Nitroaniline		570	U	570	3700
Acenaphthene		270	U	270	1800
Acenaphthylene		220	U	220	1800
Anthracene		220	U	220	1800
Benzo[a]anthracene		13	U	13	180
Benzo[a]pyrene		13	U	13	180
Benzo[b]fluoranthene		12	U	12	180
Benzo[g,h,i]perylene		140	U	140	1800
Benzo[k]fluoranthene		14	U	14	180
bis (2-chloroisopropyl) ether		200	U	200	1800
Bis(2-chloroethoxy)methane		240	U	240	1800
Bis(2-chloroethyl)ether		25	U	25	180
Bis(2-ethylhexyl) phthalate		610	U	610	1800
Butyl benzyl phthalate		170	U	170	1800
Carbazole		220	U	220	1800
Chrysene		210	U	210	1800
Dibenz(a,h)anthracene		23	U	23	180
Dibenzofuran		210	U	210	1800
Diethyl phthalate		220	U	220	1800
Dimethyl phthalate		220	U	220	1800
Di-n-butyl phthalate		230	U	230	1800
Di-n-octyl phthalate		120	U	120	1800
Fluoranthene		240	U	240	1800
Fluorene		230	U	230	1800
Hexachlorobenzene		25	U	25	180
Hexachlorobutadiene		45	U	45	370
Hexachlorocyclopentadiene		220	U	220	1800
Hexachloroethane		20	U	20	180
Indeno[1,2,3-cd]pyrene		34	U	34	180
Isophorone		220	U	220	1800
Naphthalene		210	U	210	1800
Nitrobenzene		26	U	26	180

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35640.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 2016			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		31	U	31	180
N-Nitrosodiphenylamine		180	U	180	1800
Phenanthrene		230	U	230	1800
Pyrene		160	J	150	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	98		40 - 109
Nitrobenzene-d5	88		38 - 105
Terphenyl-d14	79		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152346	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151640	Lab File ID:	p35640.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/21/2013 2016			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-3	7.33	14000	J
	Unknown Alkane-8	7.83	25000	J
	Unknown Alkane-9	8.05	18000	J
	Unknown Alkane-11	8.13	7500	J
	Unknown Alkane-12	8.30	77000	J
	Unknown-2	8.32	49000	J
	Unknown Alkane-13	8.49	13000	J
	Unknown Alkane-14	8.62	7100	J
593-45-3	n-Octadecane	8.74	32000	
	Unknown-4	8.77	27000	J
	Unknown Alkane-16	9.16	33000	J
	Trichloro-1,1-biphenyl isomer	9.19	7700	J
	Tetrachloro-1,1-biphenyl isomer	9.46	7200	J
	Unknown Alkane-17	9.55	17000	J
	Unknown Alkane-18	9.93	8700	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35519.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0953			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3.9	U	3.9	34
1,2-Dichlorobenzene		40	U	40	340
1,3-Dichlorobenzene		31	U	31	340
1,4-Dichlorobenzene		39	U	39	340
2,4-Dinitrotoluene		11	U	11	70
2,6-Dinitrotoluene		10	U	10	70
2-Chloronaphthalene		39	U	39	340
2-Methylnaphthalene		44	U	44	340
2-Nitroaniline		140	U	140	700
3,3'-Dichlorobenzidine		120	U	120	700
3-Nitroaniline		120	U	120	700
4-Bromophenyl phenyl ether		34	U	34	340
4-Chloroaniline		91	U	91	340
4-Chlorophenyl phenyl ether		41	U	41	340
4-Nitroaniline		110	U	110	700
Acenaphthene		50	U	50	340
Acenaphthylene		41	U	41	340
Anthracene		42	U	42	340
Benzo[a]anthracene		2.4	U	2.4	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[g,h,i]perylene		26	U	26	340
Benzo[k]fluoranthene		2.6	U	2.6	34
bis (2-chloroisopropyl) ether		38	U	38	340
Bis(2-chloroethoxy)methane		45	U	45	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
Bis(2-ethylhexyl) phthalate		110	U	110	340
Butyl benzyl phthalate		32	U	32	340
Carbazole		41	U	41	340
Chrysene		40	U	40	340
Dibenz(a,h)anthracene		4.4	U	4.4	34
Dibenzofuran		41	U	41	340
Diethyl phthalate		41	U	41	340
Dimethyl phthalate		41	U	41	340
Di-n-butyl phthalate		43	U	43	340
Di-n-octyl phthalate		22	U	22	340
Fluoranthene		46	U	46	340
Fluorene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorobutadiene		8.4	U	8.4	70
Hexachlorocyclopentadiene		41	U	41	340
Hexachloroethane		3.8	U	3.8	34
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Isophorone		42	U	42	340
Naphthalene		40	U	40	340
Nitrobenzene		4.9	U	4.9	34

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35519.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0953			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		5.8	U	5.8	34
N-Nitrosodiphenylamine		34	U	34	340
Phenanthrene		44	U	44	340
Pyrene		29	U	29	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	73		40 - 109
Nitrobenzene-d5	77		38 - 105
Terphenyl-d14	73		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35519.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0953			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.38	430	J
593-45-3	n-Octadecane	8.81	54	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152146	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35575.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 1132			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.1	U	4.1	36
1,2-Dichlorobenzene		42	U	42	360
1,3-Dichlorobenzene		33	U	33	360
1,4-Dichlorobenzene		41	U	41	360
2,4-Dinitrotoluene		12	U	12	73
2,6-Dinitrotoluene		11	U	11	73
2-Chloronaphthalene		40	U	40	360
2-Methylnaphthalene		47	U	47	360
2-Nitroaniline		150	U	150	730
3,3'-Dichlorobenzidine		130	U	130	730
3-Nitroaniline		130	U	130	730
4-Bromophenyl phenyl ether		36	U	36	360
4-Chloroaniline		96	U	96	360
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
Acenaphthene		53	U	53	360
Acenaphthylene		43	U	43	360
Anthracene		44	U	44	360
Benzo[a]anthracene		2.5	U	2.5	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[k]fluoranthene		2.7	U	2.7	36
bis (2-chloroisopropyl) ether		40	U	40	360
Bis(2-chloroethoxy)methane		47	U	47	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
Bis(2-ethylhexyl) phthalate		120	U	120	360
Butyl benzyl phthalate		33	U	33	360
Carbazole		43	U	43	360
Chrysene		42	U	42	360
Dibenz(a,h)anthracene		4.6	U	4.6	36
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Dimethyl phthalate		43	U	43	360
Di-n-butyl phthalate		45	U	45	360
Di-n-octyl phthalate		23	U	23	360
Fluoranthene		48	U	48	360
Fluorene		46	U	46	360
Hexachlorobenzene		5.0	U	5.0	36
Hexachlorobutadiene		8.8	U	8.8	73
Hexachlorocyclopentadiene		43	U	43	360
Hexachloroethane		4.0	U	4.0	36
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Isophorone		44	U	44	360
Naphthalene		42	U	42	360
Nitrobenzene		5.1	U	5.1	36

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152146	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35575.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 1132			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
N-Nitrosodiphenylamine		36	U	36	360
Phenanthrene		46	U	46	360
Pyrene		30	U	30	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	73		40 - 109
Nitrobenzene-d5	66		38 - 105
Terphenyl-d14	62		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152146	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35575.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/20/2013 1132			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	8.10	2000	J
	Unknown Alkane-3	8.36	6700	J
	Unknown Alkane-4	8.37	6100	J
	Unknown Alkane-5	8.54	2300	J
593-45-3	n-Octadecane	8.80	6600	
	Unknown Alkane-7	8.83	6900	J
	Unknown Alkane-8	8.97	2600	J
	Unknown Alkane-10	9.10	2000	J
	Unknown Alkane-11	9.17	1800	J
	Unknown Alkane-12	9.22	8400	J
	Unknown-3	9.53	2300	J
	Unknown Alkane-14	9.62	4400	J
	Unknown Alkane-15	9.77	2200	J
	Unknown Alkane-16	10.00	2700	J
	Unknown Alkane-17	10.37	2200	J

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35538.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1916			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.3	U	4.3	38
1,2-Dichlorobenzene		44	U	44	380
1,3-Dichlorobenzene		34	U	34	380
1,4-Dichlorobenzene		43	U	43	380
2,4-Dinitrotoluene		12	U	12	77
2,6-Dinitrotoluene		11	U	11	77
2-Chloronaphthalene		42	U	42	380
2-Methylnaphthalene		49	U	49	380
2-Nitroaniline		160	U	160	770
3,3'-Dichlorobenzidine		130	U	130	770
3-Nitroaniline		130	U	130	770
4-Bromophenyl phenyl ether		38	U	38	380
4-Chloroaniline		100	U	100	380
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	770
Acenaphthene		55	U	55	380
Acenaphthylene		45	U	45	380
Anthracene		46	U	46	380
Benzo[a]anthracene		2.6	U	2.6	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[k]fluoranthene		2.9	U	2.9	38
bis (2-chloroisopropyl) ether		42	U	42	380
Bis(2-chloroethoxy)methane		49	U	49	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
Bis(2-ethylhexyl) phthalate		130	U	130	380
Butyl benzyl phthalate		35	U	35	380
Carbazole		45	U	45	380
Chrysene		44	U	44	380
Dibenz(a,h)anthracene		4.8	U	4.8	38
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Dimethyl phthalate		45	U	45	380
Di-n-butyl phthalate		47	U	47	380
Di-n-octyl phthalate		24	U	24	380
Fluoranthene		51	U	51	380
Fluorene		48	U	48	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorobutadiene		9.2	U	9.2	77
Hexachlorocyclopentadiene		45	U	45	380
Hexachloroethane		4.2	U	4.2	38
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Isophorone		46	U	46	380
Naphthalene		44	U	44	380
Nitrobenzene		5.4	U	5.4	38

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35538.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1916			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
N-Nitrosodiphenylamine		37	U	37	380
Phenanthrene		48	U	48	380
Pyrene		32	U	32	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	78		40 - 109
Nitrobenzene-d5	78		38 - 105
Terphenyl-d14	67		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35538.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1916			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35539.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1941			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4.3	U	4.3	38
1,2-Dichlorobenzene		44	U	44	380
1,3-Dichlorobenzene		34	U	34	380
1,4-Dichlorobenzene		42	U	42	380
2,4-Dinitrotoluene		12	U	12	76
2,6-Dinitrotoluene		11	U	11	76
2-Chloronaphthalene		42	U	42	380
2-Methylnaphthalene		48	U	48	380
2-Nitroaniline		160	U	160	760
3,3'-Dichlorobenzidine		130	U	130	760
3-Nitroaniline		130	U	130	760
4-Bromophenyl phenyl ether		37	U	37	380
4-Chloroaniline		100	U	100	380
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	760
Acenaphthene		55	U	55	380
Acenaphthylene		44	U	44	380
Anthracene		46	U	46	380
Benzo[a]anthracene		2.6	U	2.6	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[k]fluoranthene		2.9	U	2.9	38
bis (2-chloroisopropyl) ether		42	U	42	380
Bis(2-chloroethoxy)methane		49	U	49	380
Bis(2-chloroethyl)ether		5.1	U	5.1	38
Bis(2-ethylhexyl) phthalate		130	U	130	380
Butyl benzyl phthalate		34	U	34	380
Carbazole		44	U	44	380
Chrysene		44	U	44	380
Dibenz(a,h)anthracene		4.7	U	4.7	38
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Dimethyl phthalate		45	U	45	380
Di-n-butyl phthalate		46	U	46	380
Di-n-octyl phthalate		24	U	24	380
Fluoranthene		50	U	50	380
Fluorene		48	U	48	380
Hexachlorobenzene		5.1	U	5.1	38
Hexachlorobutadiene		9.2	U	9.2	76
Hexachlorocyclopentadiene		44	U	44	380
Hexachloroethane		4.2	U	4.2	38
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Isophorone		46	U	46	380
Naphthalene		44	U	44	380
Nitrobenzene		5.3	U	5.3	38

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35539.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1941			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
N-Nitrosodiphenylamine		37	U	37	380
Phenanthrene		48	U	48	380
Pyrene		32	U	32	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		40 - 109
Nitrobenzene-d5	70		38 - 105
Terphenyl-d14	65		16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152275	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-151648	Lab File ID:	p35539.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1941			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152529	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-151546	Lab File ID:	z20083.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/23/2013 2339			Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	0.27	U	0.27	1.0
1,2-Dichlorobenzene	2.6	U	2.6	10
1,3-Dichlorobenzene	2.4	U	2.4	10
1,4-Dichlorobenzene	2.6	U	2.6	10
2,4-Dinitrotoluene	0.48	U	0.48	2.0
2,6-Dinitrotoluene	0.62	U	0.62	2.0
2-Chloronaphthalene	2.8	U	2.8	10
2-Methylnaphthalene	3.1	U	3.1	10
2-Nitroaniline	5.0	U	5.0	20
3,3'-Dichlorobenzidine	5.0	U	5.0	20
3-Nitroaniline	5.1	U	5.1	20
4-Bromophenyl phenyl ether	2.6	U	2.6	10
4-Chloroaniline	2.0	U	2.0	10
4-Chlorophenyl phenyl ether	2.6	U	2.6	10
4-Nitroaniline	5.9	U	5.9	20
Acenaphthene	2.8	U	2.8	10
Acenaphthylene	2.8	U	2.8	10
Anthracene	2.9	U	2.9	10
Benzo[a]anthracene	0.28	U	0.28	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[b]fluoranthene	0.27	U	0.27	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[k]fluoranthene	0.27	U	0.27	1.0
bis (2-chloroisopropyl) ether	2.0	U	2.0	10
Bis(2-chloroethoxy)methane	2.7	U	2.7	10
Bis(2-chloroethyl)ether	0.29	U	0.29	1.0
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Butyl benzyl phthalate	2.6	U	2.6	10
Carbazole	3.3	U	3.3	10
Chrysene	3.2	U	3.2	10
Dibenz(a,h)anthracene	0.092	U	0.092	1.0
Dibenzofuran	2.9	U	2.9	10
Diethyl phthalate	3.0	U	3.0	10
Dimethyl phthalate	2.9	U	2.9	10
Di-n-butyl phthalate	3.0	U	3.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Fluoranthene	3.3	U	3.3	10
Fluorene	2.9	U	2.9	10
Hexachlorobenzene	0.30	U	0.30	1.0
Hexachlorobutadiene	0.58	U	0.58	2.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
Hexachloroethane	0.26	U	0.26	1.0
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Isophorone	2.8	U	2.8	10
Naphthalene	2.8	U	2.8	10
Nitrobenzene	0.31	U	0.31	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152529	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-151546	Lab File ID:	z20083.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/23/2013 2339			Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodi-n-propylamine	0.26	U	0.26	1.0
N-Nitrosodiphenylamine	3.0	U	3.0	10
Phenanthrene	3.2	U	3.2	10
Pyrene	3.0	U	3.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	93		53 - 108
Nitrobenzene-d5	99		56 - 112
Terphenyl-d14	97		50 - 122

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-152529	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-151546	Lab File ID:	z20083.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/23/2013 2339			Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
640-61-9	Benzenesulfonamide, N,4-dimethyl-	8.12	25	J N

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1427			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1427			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151716	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.04 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0825			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		34	U	34	150
Aroclor 1221		34	U	34	150
Aroclor 1232		34	U	34	150
Aroclor 1242		34	U	34	150
Aroclor 1248		1900		34	150
Aroclor 1254		43	U	43	150
Aroclor 1260		220		43	150
Aroclor 1262		43	U	43	150
Aroclor 1268		43	U	43	150

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151716	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.04 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0825			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151716	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.00 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0842			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		33	U	33	150
Aroclor 1221		33	U	33	150
Aroclor 1232		33	U	33	150
Aroclor 1242		33	U	33	150
Aroclor 1248		2900		33	150
Aroclor 1254		42	U	42	150
Aroclor 1260		130	J	42	150
Aroclor 1262		42	U	42	150
Aroclor 1268		42	U	42	150

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151716	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.00 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0842			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1515			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1515			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1531			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		91		16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1531			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151716	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.04 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0858			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		79	U	79	350
Aroclor 1221		79	U	79	350
Aroclor 1232		79	U	79	350
Aroclor 1242		79	U	79	350
Aroclor 1248		2800		79	350
Aroclor 1254		100	U	100	350
Aroclor 1260		250	J	100	350
Aroclor 1262		100	U	100	350
Aroclor 1268		100	U	100	350

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	135		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151716	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.04 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0858			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1604			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	69
Aroclor 1221		15	U	15	69
Aroclor 1232		15	U	15	69
Aroclor 1242		15	U	15	69
Aroclor 1248		15	U	15	69
Aroclor 1254		20	U	20	69
Aroclor 1260		20	U	20	69
Aroclor 1262		20	U	20	69
Aroclor 1268		20	U	20	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	68		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1604			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1621			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1621			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 2244			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	72
Aroclor 1221		16	U	16	72
Aroclor 1232		16	U	16	72
Aroclor 1242		16	U	16	72
Aroclor 1248		1200		16	72
Aroclor 1254		21	U	21	72
Aroclor 1260		21	U	21	72
Aroclor 1262		21	U	21	72
Aroclor 1268		21	U	21	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 2244			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	73		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 2301			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		280		16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 2301			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1044			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	160	710
Aroclor 1221		160	U	160	710
Aroclor 1232		160	U	160	710
Aroclor 1242		160	U	160	710
Aroclor 1248		6300		160	710
Aroclor 1254		200	U	200	710
Aroclor 1260		260	J	200	710
Aroclor 1262		200	U	200	710
Aroclor 1268		200	U	200	710

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1044			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 2335			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		79		16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	74		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 2335			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 2352			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	74
Aroclor 1221		17	U	17	74
Aroclor 1232		17	U	17	74
Aroclor 1242		17	U	17	74
Aroclor 1248		17	U	17	74
Aroclor 1254		21	U	21	74
Aroclor 1260		21	U	21	74
Aroclor 1262		21	U	21	74
Aroclor 1268		21	U	21	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 2352			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0009			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0009			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1101			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		84	U	84	370
Aroclor 1221		84	U	84	370
Aroclor 1232		84	U	84	370
Aroclor 1242		4000		84	370
Aroclor 1248		84	U	84	370
Aroclor 1254		110	U	110	370
Aroclor 1260		110	U	110	370
Aroclor 1262		110	U	110	370
Aroclor 1268		110	U	110	370

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86	p	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1101			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	129		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1118			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		87	U	87	390
Aroclor 1221		87	U	87	390
Aroclor 1232		87	U	87	390
Aroclor 1242		5300		87	390
Aroclor 1248		87	U	87	390
Aroclor 1254		110	U	110	390
Aroclor 1260		200	J	110	390
Aroclor 1262		110	U	110	390
Aroclor 1268		110	U	110	390

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	134		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1118			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0059			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	69
Aroclor 1221		16	U	16	69
Aroclor 1232		16	U	16	69
Aroclor 1242		16	U	16	69
Aroclor 1248		16	U	16	69
Aroclor 1254		20	U	20	69
Aroclor 1260		20	U	20	69
Aroclor 1262		20	U	20	69
Aroclor 1268		20	U	20	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0059			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1135			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		330	U	330	1500
Aroclor 1221		330	U	330	1500
Aroclor 1232		330	U	330	1500
Aroclor 1242		33000		330	1500
Aroclor 1248		330	U	330	1500
Aroclor 1254		410	U	410	1500
Aroclor 1260		8500		410	1500
Aroclor 1262		410	U	410	1500
Aroclor 1268		410	U	410	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1135			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.03 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1152			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		87	U	87	390
Aroclor 1221		87	U	87	390
Aroclor 1232		87	U	87	390
Aroclor 1242		4600		87	390
Aroclor 1248		87	U	87	390
Aroclor 1254		110	U	110	390
Aroclor 1260		1100		110	390
Aroclor 1262		110	U	110	390
Aroclor 1268		110	U	110	390

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.03 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1152			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1322			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		790	U	790	3500
Aroclor 1221		790	U	790	3500
Aroclor 1232		790	U	790	3500
Aroclor 1242		46000		790	3500
Aroclor 1248		790	U	790	3500
Aroclor 1254		1000	U	1000	3500
Aroclor 1260		4700		1000	3500
Aroclor 1262		1000	U	1000	3500
Aroclor 1268		1000	U	1000	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1322			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.01 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1226			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1600	U	1600	7200
Aroclor 1221		1600	U	1600	7200
Aroclor 1232		1600	U	1600	7200
Aroclor 1242		160000		1600	7200
Aroclor 1248		1600	U	1600	7200
Aroclor 1254		2000	U	2000	7200
Aroclor 1260		18000		2000	7200
Aroclor 1262		2000	U	2000	7200
Aroclor 1268		2000	U	2000	7200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.01 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1226			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.05 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1244			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		890	U	890	4000
Aroclor 1221		890	U	890	4000
Aroclor 1232		890	U	890	4000
Aroclor 1242		79000		890	4000
Aroclor 1248		890	U	890	4000
Aroclor 1254		1100	U	1100	4000
Aroclor 1260		9100		1100	4000
Aroclor 1262		1100	U	1100	4000
Aroclor 1268		1100	U	1100	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.05 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1244			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0240			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	72
Aroclor 1221		16	U	16	72
Aroclor 1232		16	U	16	72
Aroclor 1242		140		16	72
Aroclor 1248		16	U	16	72
Aroclor 1254		21	U	21	72
Aroclor 1260		21	U	21	72
Aroclor 1262		21	U	21	72
Aroclor 1268		21	U	21	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0240			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0257			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	76
Aroclor 1221		17	U	17	76
Aroclor 1232		17	U	17	76
Aroclor 1242		150		17	76
Aroclor 1248		17	U	17	76
Aroclor 1254		22	U	22	76
Aroclor 1260		22	U	22	76
Aroclor 1262		22	U	22	76
Aroclor 1268		22	U	22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0257			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0314			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	75
Aroclor 1221		17	U	17	75
Aroclor 1232		17	U	17	75
Aroclor 1242		110		17	75
Aroclor 1248		17	U	17	75
Aroclor 1254		21	U	21	75
Aroclor 1260		21	U	21	75
Aroclor 1262		21	U	21	75
Aroclor 1268		21	U	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0314			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0331			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	77
Aroclor 1221		17	U	17	77
Aroclor 1232		17	U	17	77
Aroclor 1242		75	J	17	77
Aroclor 1248		17	U	17	77
Aroclor 1254		22	U	22	77
Aroclor 1260		22	U	22	77
Aroclor 1262		22	U	22	77
Aroclor 1268		22	U	22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0331			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0348			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		86		16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0348			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1301			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		830	U	830	3700
Aroclor 1221		830	U	830	3700
Aroclor 1232		830	U	830	3700
Aroclor 1242		62000		830	3700
Aroclor 1248		830	U	830	3700
Aroclor 1254		1000	U	1000	3700
Aroclor 1260		2300	J	1000	3700
Aroclor 1262		1000	U	1000	3700
Aroclor 1268		1000	U	1000	3700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151722	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151512	Initial Weight/Volume:	15.00 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1301			Injection Volume:	
Prep Date:	03/18/2013 0857			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1716			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		170	U	170	760
Aroclor 1221		170	U	170	760
Aroclor 1232		170	U	170	760
Aroclor 1242		13000		170	760
Aroclor 1248		170	U	170	760
Aroclor 1254		210	U	210	760
Aroclor 1260		760		210	760
Aroclor 1262		210	U	210	760
Aroclor 1268		210	U	210	760

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1716			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1548			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		100		16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1548			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.01 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1732			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		840	U	840	3800
Aroclor 1221		840	U	840	3800
Aroclor 1232		840	U	840	3800
Aroclor 1242		86000		840	3800
Aroclor 1248		840	U	840	3800
Aroclor 1254		1100	U	1100	3800
Aroclor 1260		2700	J	1100	3800
Aroclor 1262		1100	U	1100	3800
Aroclor 1268		1100	U	1100	3800

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.01 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1732			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1620			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	79
Aroclor 1221		18	U	18	79
Aroclor 1232		18	U	18	79
Aroclor 1242		270		18	79
Aroclor 1248		18	U	18	79
Aroclor 1254		22	U	22	79
Aroclor 1260		22	U	22	79
Aroclor 1262		22	U	22	79
Aroclor 1268		22	U	22	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1620			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1636			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	82
Aroclor 1221		18	U	18	82
Aroclor 1232		18	U	18	82
Aroclor 1242		53	J	18	82
Aroclor 1248		18	U	18	82
Aroclor 1254		23	U	23	82
Aroclor 1260		23	U	23	82
Aroclor 1262		23	U	23	82
Aroclor 1268		23	U	23	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1636			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1652			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		48	J	16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1652			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151867	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1224			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		340	U	340	1500
Aroclor 1221		340	U	340	1500
Aroclor 1232		340	U	340	1500
Aroclor 1242		18000		340	1500
Aroclor 1248		340	U	340	1500
Aroclor 1254		430	U	430	1500
Aroclor 1260		2300		430	1500
Aroclor 1262		430	U	430	1500
Aroclor 1268		430	U	430	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151867	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1224			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1724			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	78
Aroclor 1221		17	U	17	78
Aroclor 1232		17	U	17	78
Aroclor 1242		270		17	78
Aroclor 1248		17	U	17	78
Aroclor 1254		22	U	22	78
Aroclor 1260		22	U	22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1724			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1740			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	72
Aroclor 1221		16	U	16	72
Aroclor 1232		16	U	16	72
Aroclor 1242		88		16	72
Aroclor 1248		16	U	16	72
Aroclor 1254		20	U	20	72
Aroclor 1260		20	U	20	72
Aroclor 1262		20	U	20	72
Aroclor 1268		20	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1740			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1756			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	75
Aroclor 1221		17	U	17	75
Aroclor 1232		17	U	17	75
Aroclor 1242		81		17	75
Aroclor 1248		17	U	17	75
Aroclor 1254		21	U	21	75
Aroclor 1260		21	U	21	75
Aroclor 1262		21	U	21	75
Aroclor 1268		21	U	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1756			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1812			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	75
Aroclor 1221		17	U	17	75
Aroclor 1232		17	U	17	75
Aroclor 1242		52	J	17	75
Aroclor 1248		17	U	17	75
Aroclor 1254		21	U	21	75
Aroclor 1260		21	U	21	75
Aroclor 1262		21	U	21	75
Aroclor 1268		21	U	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1812			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1805			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		330	U	330	1500
Aroclor 1221		330	U	330	1500
Aroclor 1232		330	U	330	1500
Aroclor 1242		30000		330	1500
Aroclor 1248		330	U	330	1500
Aroclor 1254		420	U	420	1500
Aroclor 1260		4700		420	1500
Aroclor 1262		420	U	420	1500
Aroclor 1268		420	U	420	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Prep Method:	3546	Prep Batch:	460-151527	Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 1805			Injection Volume:	
Prep Date:	03/18/2013 1032			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1638			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1638			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151716	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0914			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	160	740
Aroclor 1221		160	U	160	740
Aroclor 1232		160	U	160	740
Aroclor 1242		15000		160	740
Aroclor 1248		160	U	160	740
Aroclor 1254		210	U	210	740
Aroclor 1260		3000		210	740
Aroclor 1262		210	U	210	740
Aroclor 1268		210	U	210	740

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151716	Instrument ID:	PESTGC8
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/19/2013 0914			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1710			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	77
Aroclor 1221		17	U	17	77
Aroclor 1232		17	U	17	77
Aroclor 1242		17	U	17	77
Aroclor 1248		110		17	77
Aroclor 1254		22	U	22	77
Aroclor 1260		22	U	22	77
Aroclor 1262		22	U	22	77
Aroclor 1268		22	U	22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1710			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1727			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	76
Aroclor 1221		17	U	17	76
Aroclor 1232		17	U	17	76
Aroclor 1242		17	U	17	76
Aroclor 1248		57	J	17	76
Aroclor 1254		22	U	22	76
Aroclor 1260		22	U	22	76
Aroclor 1262		22	U	22	76
Aroclor 1268		22	U	22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-151607	Instrument ID:	PESTGC7
Prep Method:	3546	Prep Batch:	460-151458	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1727			Injection Volume:	
Prep Date:	03/17/2013 0636			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-152113	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-151921	Initial Weight/Volume:	960 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/21/2013 0839			Injection Volume:	
Prep Date:	03/20/2013 1411			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.079	U	0.079	0.52
Aroclor 1221	0.079	U	0.079	0.52
Aroclor 1232	0.079	U	0.079	0.52
Aroclor 1242	0.079	U	0.079	0.52
Aroclor 1248	0.079	U	0.079	0.52
Aroclor 1254	0.086	U	0.086	0.52
Aroclor 1260	0.086	U	0.086	0.52
Aroclor 1262	0.086	U	0.086	0.52
Aroclor 1268	0.086	U	0.086	0.52

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		10 - 150

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-152113	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-151921	Initial Weight/Volume:	960 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/21/2013 0839			Injection Volume:	
Prep Date:	03/20/2013 1411			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		10 - 150

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0455.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/18/2013 1055			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		28		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	72		50 - 105
Chlorobenzene	57		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0456.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/18/2013 1109			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.6		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	72		50 - 105
Chlorobenzene	65		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0457.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/18/2013 1123			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		10		6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		50 - 105
Chlorobenzene	60		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0458.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1137			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		73		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	90		50 - 105
Chlorobenzene	75		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid % Moisture: 6.2 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0461.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1219			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		68		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	72		50 - 105
Chlorobenzene	67		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0462.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/18/2013 1233			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		140		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		50 - 105
Chlorobenzene	72		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid % Moisture: 3.0 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0463.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/18/2013 1247			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		16		5.6	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	60		50 - 105
Chlorobenzene	49		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0464.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/18/2013 1301			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		9.0		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	75		50 - 105
Chlorobenzene	71		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid % Moisture: 7.7 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0553.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1357			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		460		30	30

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	97		50 - 105
Chlorobenzene	76		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0466.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/18/2013 1329			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		120		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	75		50 - 105
Chlorobenzene	72		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0467.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/18/2013 1343			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		56		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		50 - 105
Chlorobenzene	69		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid % Moisture: 4.3 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0468.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/18/2013 1357			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		20		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	62		50 - 105
Chlorobenzene	58		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid % Moisture: 10.0 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0469.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/18/2013 1412			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		17		6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	70		50 - 105
Chlorobenzene	63		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0472.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/18/2013 1454			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		12		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	65		50 - 105
Chlorobenzene	61		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0473.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1508			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		220		6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	76		50 - 105
Chlorobenzene	59		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0554.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1411			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1000		32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	94		50 - 105
Chlorobenzene	61		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid % Moisture: 3.5 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0475.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/18/2013 1536			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		9.0		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	67		50 - 105
Chlorobenzene	61		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0555.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1425			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1900		60	60

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151461	Lab File ID:	gc3r0556.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1439			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		920		32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	52		50 - 105
Chlorobenzene	71		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151566	Lab File ID:	gc3r0550.d
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	03/19/2013 1315			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1331			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2800		58	58

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0557.d
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1453			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		4300		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid % Moisture: 16.4 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0558.d
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	03/19/2013 1507			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1500		66	66

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid % Moisture: 7.5 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0491.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/18/2013 2321			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		150		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	79		50 - 105
Chlorobenzene	65		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0492.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/18/2013 2335			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		50 - 105
Chlorobenzene	62		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0493.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/18/2013 2350			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.2	U	6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	66		50 - 105
Chlorobenzene	58		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0496.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 0033			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	67		50 - 105
Chlorobenzene	61		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0488.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/18/2013 2237			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	57		50 - 105
Chlorobenzene	52		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid % Moisture: 9.2 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0559.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1521			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2200		61	61

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0560.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 1536			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		480		31	31

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	61		50 - 105
Chlorobenzene	65		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0499.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 0116			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	59		50 - 105
Chlorobenzene	55		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid % Moisture: 10.8 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0561.d
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1550			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		4300		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid % Moisture: 15.1 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0501.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/19/2013 0145			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.5		6.5	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	63		50 - 105
Chlorobenzene	57		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0562.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/19/2013 1604			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		45		6.8	6.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	35	X	50 - 105
Chlorobenzene	26	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid % Moisture: 19.0 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152358	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-152134	Lab File ID:	gc3r0776.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/22/2013 0949			Final Weight/Volume:	1 mL
Prep Date:	03/21/2013 1433			Injection Volume:	1 uL

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	11	X	50 - 105
Chlorobenzene	9	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0503.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0208			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.1		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	60		50 - 105
Chlorobenzene	54		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0565.d
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1646			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2100		62	62

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid % Moisture: 14.3 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0507.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/19/2013 0305			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		34		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	65		50 - 105
Chlorobenzene	62		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid % Moisture: 7.3 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0508.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0319			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.9	U	5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	51		50 - 105
Chlorobenzene	45		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0509.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 0333			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.1	U	6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		50 - 105
Chlorobenzene	64		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid % Moisture: 10.4 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0510.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/19/2013 0348			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.1	U	6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		50 - 105
Chlorobenzene	64		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705
Client Matrix: Solid % Moisture: 9.9 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151544	Lab File ID:	gc3r0566.d
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	03/19/2013 1700			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1900		61	61

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151545	Lab File ID:	gc3r0518.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 0541			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1140			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	61		50 - 105
Chlorobenzene	56		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid % Moisture: 8.9 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151545	Lab File ID:	gc3r0574.d
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	03/19/2013 1854			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1140			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2200		60	60

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151545	Lab File ID:	gc3r0540.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1053			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1140			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		12		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	61		50 - 105
Chlorobenzene	57		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid % Moisture: 12.1 Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Prep Method:	3546	Prep Batch:	460-151545	Lab File ID:	gc3r0541.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1108			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1140			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	57		50 - 105
Chlorobenzene	52		40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730
Client Matrix: Water Date Received: 03/15/2013 1505

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Prep Method:	3510C	Prep Batch:	460-151705	Lab File ID:	gc3r0610.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/20/2013 0324			Final Weight/Volume:	1 mL
Prep Date:	03/19/2013 0956			Injection Volume:	

Analyte	Result (mg/L)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.084	U	0.084	0.084

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	66		51 - 123
Chlorobenzene	51		42 - 93

General Chemistry

Client Sample ID: **PMP-21-NE-VD**

Lab Sample ID: 460-52450-1 Date Sampled: 03/14/2013 0920
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1524						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N
Percent Solids	95.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-21-NE-WT**

Lab Sample ID: 460-52450-2 Date Sampled: 03/14/2013 0925
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1524						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N
Percent Solids	88.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-21-NE-SI**

Lab Sample ID: 460-52450-3 Date Sampled: 03/14/2013 0930
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1524						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N
Percent Solids	90.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23-NE-VS**

Lab Sample ID: 460-52450-4 Date Sampled: 03/14/2013 1015

Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	89.3	J	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1524						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N
Percent Solids	94.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-14-NE VS**

Lab Sample ID: 460-52450-5 Date Sampled: 03/14/2013 0945
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	89.3	J	mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1524						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N
Percent Solids	93.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8-NE-VS**

Lab Sample ID: 460-52450-6 Date Sampled: 03/14/2013 1030
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1524						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151558	Analysis Date: 03/18/2013 1303						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8-NE-VD**

Lab Sample ID: 460-52450-7 Date Sampled: 03/14/2013 1035
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1524						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	97.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8-NE-WT**

Lab Sample ID: 460-52450-8 Date Sampled: 03/14/2013 1040
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1527						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	95.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4-NE-VS**

Lab Sample ID: 460-52450-9 Date Sampled: 03/14/2013 1050
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	102		mg/Kg	58.0	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1527						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	92.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4-NE-VD**

Lab Sample ID: 460-52450-10 Date Sampled: 03/14/2013 1055
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	98.1	J	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1538						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	94.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22-NE-VS**

Lab Sample ID: 460-52450-11 Date Sampled: 03/14/2013 1125
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	135		mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1538						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	94.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22-NE-VD**

Lab Sample ID: 460-52450-12 Date Sampled: 03/14/2013 1130
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	79.5	J	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1538						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	95.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22-NE-WT**

Lab Sample ID: 460-52450-13 Date Sampled: 03/14/2013 1135
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	83.9	J	mg/Kg	58.0	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1538						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	90.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6-NE-VD**

Lab Sample ID: 460-52450-14 Date Sampled: 03/14/2013 1150
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1538						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	95.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6-NE-WT**

Lab Sample ID: 460-52450-15 Date Sampled: 03/14/2013 1155
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1541						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	89.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6-NE-SI**

Lab Sample ID: 460-52450-16 Date Sampled: 03/14/2013 1200
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1541						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	86.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5-NE-VD**

Lab Sample ID: 460-52450-17 Date Sampled: 03/14/2013 1220
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1541						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	96.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5-NE-WT**

Lab Sample ID: 460-52450-18 Date Sampled: 03/14/2013 1225
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1541						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	91.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5-NE-SI**

Lab Sample ID: 460-52450-19 Date Sampled: 03/14/2013 1230
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1604						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	85.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NE-VD**

Lab Sample ID: 460-52450-20 Date Sampled: 03/14/2013 1345
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1604						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NE-WT**

Lab Sample ID: 460-52450-21 Date Sampled: 03/14/2013 1350
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1610						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	93.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NE-SI**

Lab Sample ID: 460-52450-22 Date Sampled: 03/14/2013 1355
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1610						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	83.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10-NE-VD**

Lab Sample ID: 460-52450-23 Date Sampled: 03/14/2013 1425
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1612						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	92.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10-NE-WT**

Lab Sample ID: 460-52450-24 Date Sampled: 03/14/2013 1430
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1612						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	87.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10-NE-SI**

Lab Sample ID: 460-52450-25 Date Sampled: 03/14/2013 1435
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1612						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N
Percent Solids	88.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151567	Analysis Date: 03/18/2013 1335						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10-NE-SD**

Lab Sample ID: 460-52450-26 Date Sampled: 03/14/2013 1440
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1612						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	87.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9-NE-VD**

Lab Sample ID: 460-52450-27 Date Sampled: 03/14/2013 1450
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1627						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	95.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9-NE-WT**

Lab Sample ID: 460-52450-28 Date Sampled: 03/14/2013 1455
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1627						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	90.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9-NE-SI**

Lab Sample ID: 460-52450-29 Date Sampled: 03/14/2013 1500
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1627						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	88.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13-NE-VD**

Lab Sample ID: 460-52450-30 Date Sampled: 03/14/2013 1535
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1627						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	94.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13-NE-WT**

Lab Sample ID: 460-52450-31 Date Sampled: 03/14/2013 1540
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1627						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	89.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13-NE-SI**

Lab Sample ID: 460-52450-32 Date Sampled: 03/14/2013 1545
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1627						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	84.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13-NE-SD**

Lab Sample ID: 460-52450-33 Date Sampled: 03/14/2013 1550
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1628						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	81.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16-NE-VD**

Lab Sample ID: 460-52450-34 Date Sampled: 03/14/2013 1615
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1704						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	93.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16-NE-WT**

Lab Sample ID: 460-52450-35 Date Sampled: 03/14/2013 1620
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1704						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	88.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16-NE-SI**

Lab Sample ID: 460-52450-36 Date Sampled: 03/14/2013 1625
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1708						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	85.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15-NE-VD**

Lab Sample ID: 460-52450-37 Date Sampled: 03/14/2013 1650
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1708						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	92.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15-NE-WT**

Lab Sample ID: 460-52450-38 Date Sampled: 03/14/2013 1655
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1708						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	89.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15-NE-SI**

Lab Sample ID: 460-52450-39 Date Sampled: 03/14/2013 1700
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1708						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	89.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15-NE-SD**

Lab Sample ID: 460-52450-40 Date Sampled: 03/14/2013 1705

Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1708						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	90.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28-NE-VD**

Lab Sample ID: 460-52450-41 Date Sampled: 03/14/2013 1735
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1708						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	95.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28-NE-WT**

Lab Sample ID: 460-52450-42 Date Sampled: 03/14/2013 1740
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1711						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	91.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28-NE-SI**

Lab Sample ID: 460-52450-43 Date Sampled: 03/14/2013 1745
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152182	Analysis Date: 03/21/2013 1711						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	87.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28-NE-SD**

Lab Sample ID: 460-52450-44 Date Sampled: 03/14/2013 1750
Client Matrix: Solid Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-152314	Analysis Date: 03/22/2013 0937						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N
Percent Solids	87.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-151572	Analysis Date: 03/18/2013 1404						DryWt Corrected: N

General Chemistry

Client Sample ID: **FB_031513**

Lab Sample ID: 460-52450-45FB Date Sampled: 03/15/2013 0730

Client Matrix: Water Date Received: 03/15/2013 1505

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	0.84	U	mg/L	0.84	5.0	1.0	SM 4500 Cl- B

Analysis Batch: 460-151966 Analysis Date: 03/19/2013 1700

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-52450-1	PMP-21-NE-VD	101	96	93
460-52450-2	PMP-21-NE-WT	94	90	91
460-52450-3	PMP-21-NE-SI	99	95	94
460-52450-4	PMP-23-NE-VS	105	105	112
460-52450-5	PMP-14-NE VS	103	87	104
460-52450-6	PMP-8-NE-VS	102	90	118
460-52450-7	PMP-8-NE-VD	104	106	106
460-52450-8	PMP-8-NE-WT	101	106	70
460-52450-9	PMP-4-NE-VS	106	94	100
460-52450-10	PMP-4-NE-VD	103	97	102
460-52450-11	PMP-22-NE-VS	107	100	107
460-52450-12	PMP-22-NE-VD	108	113	93
460-52450-13	PMP-22-NE-WT	104	93	90
460-52450-14	PMP-6-NE-VD	105	92	97
460-52450-15	PMP-6-NE-WT	106	92	93
460-52450-17	PMP-5-NE-VD	111	117	117
460-52450-20	PMP-7-NE-VD	97	98	119
460-52450-23	PMP-10-NE-VD	96	105	118
460-52450-25	PMP-10-NE-SI	99	108	107
460-52450-26	PMP-10-NE-SD	99	100	97
460-52450-27	PMP-9-NE-VD	98	101	99
460-52450-30	PMP-13-NE-VD	100	98	97
460-52450-32	PMP-13-NE-SI	95	99	99
460-52450-33	PMP-13-NE-SD	73	119	130
460-52450-34	PMP-16-NE-VD	91	94	98
460-52450-36	PMP-16-NE-SI	100	104	101
460-52450-37	PMP-15-NE-VD	101	92	92
460-52450-38	PMP-15-NE-WT	103	97	99
460-52450-39	PMP-15-NE-SI	91	96	97

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

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-52450-41	PMP-28-NE-VD	96	100	99
460-52450-42	PMP-28-NE-WT	105	111	62X
460-52450-43	PMP-28-NE-SI	90	93	97
460-52450-44	PMP-28-NE-SD	100	93	94
460-52450-46	TRIP BLANK	101	92	92
MB 460-152371/10		110	92	93
MB 460-152393/5		99	84	85
MB 460-152400/5		107	100	99
MB 460-152683/5		99	91	90
LCS 460-152371/16		87	93	93
LCS 460-152393/14		92	93	88
LCS 460-152400/3		108	110	106
LCS 460-152683/3		98	93	94
LCSD 460-152371/20		111	112	107
LCSD 460-152393/4		90	92	91
LCSD 460-152400/4		97	102	100
LCSD 460-152683/4		100	93	93

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

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-52450-16	PMP-6-NE-SI	76	70	79
460-52450-18	PMP-5-NE-WT	80	74	89
460-52450-19	PMP-5-NE-SI	85	82	87
460-52450-21	PMP-7-NE-WT	82	75	84
460-52450-22	PMP-7-NE-SI	78	68	81
460-52450-24	PMP-10-NE-WT	98	88	106
460-52450-28	PMP-9-NE-WT	76	71	83
460-52450-29	PMP-9-NE-SI	79	73	90
460-52450-31	PMP-13-NE-WT	77	70	80
460-52450-33 DL	PMP-13-NE-SD DL	98D	85D	108D
460-52450-35	PMP-16-NE-WT	76	70	84
460-52450-40	PMP-15-NE-SD	74X	67	81
MB 460-151692/4		97	100	105
MB 460-151820/4		94	97	103
MB 460-151869/4		93	97	104
MB 460-152022/4		92	95	104
MB 460-152224/4		90	93	106
MB 460-152550/4		90	90	101
LCS 460-151692/3		97	99	102
LCS 460-151820/3		96	97	101
LCS 460-151869/3		96	98	105
LCS 460-152022/3		93	96	105
LCS 460-152224/3		90	93	103
LCS 460-152550/3		91	89	99
LCSD 460-151820/16		96	97	101
460-52303-A-1-A MS		75	72	90
460-52432-A-18-A MS		94	86	113
460-52432-A-20-A MS		82	74	97
460-52683-B-4-A MS		98	92	101

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

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-52802-A-2-A MS		94	88	106
460-52303-A-1-A MSD		76	73	90
460-52432-A-18-A MSD		94	84	112
460-52432-A-20-A MSD		84	74	95
460-52683-B-4-A MSD		97	94	101
460-52802-A-2-A MSD		90	84	101

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

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-52450-45	FB_031513	110	84	101
MB 460-151859/4		107	86	100
LCS 460-151859/3		100	90	100
460-52448-A-3 MS		100	91	101
460-52448-A-3 MSD		99	90	103

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

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	NBZ %Rec	FBP %Rec	TPH %Rec
460-52450-1	PMP-21-NE-VD	60	74	70
460-52450-2	PMP-21-NE-WT	80	78	75
460-52450-3	PMP-21-NE-SI	75	72	71
460-52450-4	PMP-23-NE-VS	79	90	58
460-52450-5	PMP-14-NE VS	67	80	66
460-52450-6	PMP-8-NE-VS	68	84	61
460-52450-7	PMP-8-NE-VD	76	73	71
460-52450-8	PMP-8-NE-WT	77	73	66
460-52450-9	PMP-4-NE-VS	68	84	59
460-52450-10	PMP-4-NE-VD	67	87	56
460-52450-11	PMP-22-NE-VS	76	85	66
460-52450-12	PMP-22-NE-VD	73	70	64
460-52450-13	PMP-22-NE-WT	75	76	70
460-52450-14	PMP-6-NE-VD	79	75	71
460-52450-15	PMP-6-NE-WT	81	79	64
460-52450-16	PMP-6-NE-SI	75	84	62
460-52450-17	PMP-5-NE-VD	76	73	70
460-52450-18	PMP-5-NE-WT	82	87	63
460-52450-19	PMP-5-NE-SI	80	79	65
460-52450-20	PMP-7-NE-VD	78	83	64
460-52450-21	PMP-7-NE-WT	87	96	72
460-52450-22	PMP-7-NE-SI	84	99	74
460-52450-23	PMP-10-NE-VD	79	80	75
460-52450-24	PMP-10-NE-WT	85	85	91
460-52450-25	PMP-10-NE-SI	85	85	79
460-52450-26	PMP-10-NE-SD	83	83	82
460-52450-27	PMP-9-NE-VD	88	87	92
460-52450-28	PMP-9-NE-WT	89	93	77
460-52450-29	PMP-9-NE-SI	82	82	72

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TPH = Terphenyl-d14	16-151

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	NBZ %Rec	FBP %Rec	TPH %Rec
460-52450-30	PMP-13-NE-VD	86	86	83
460-52450-31 DL	PMP-13-NE-WT DL	0D	0D	0D
460-52450-32	PMP-13-NE-SI	86	85	79
460-52450-33	PMP-13-NE-SD	83	82	83
460-52450-34	PMP-16-NE-VD	82	81	77
460-52450-35	PMP-16-NE-WT	85	89	68
460-52450-36	PMP-16-NE-SI	84	85	81
460-52450-37	PMP-15-NE-VD	82	80	84
460-52450-38	PMP-15-NE-WT	83	80	78
460-52450-39	PMP-15-NE-SI	84	82	83
460-52450-40	PMP-15-NE-SD	88	98	79
460-52450-41	PMP-28-NE-VD	77	73	73
460-52450-42	PMP-28-NE-WT	66	73	62
460-52450-43	PMP-28-NE-SI	78	78	67
460-52450-44	PMP-28-NE-SD	70	70	65
MB 460-151520/1-A		71	68	67
MB 460-151635/1-A		69	70	70
MB 460-151640/1-A		82	79	79
MB 460-151648/1-A		73	71	76
LCS 460-151520/2-A		65	67	61
LCS 460-151635/2-A		75	76	75
LCS 460-151640/2-A		78	79	69
LCS 460-151648/2-A		70	69	68
460-52450-1 MS	PMP-21-NE-VD MS	60	67	53
460-52450-25 MS	PMP-10-NE-SI MS	80	82	70
460-52450-41 MS	PMP-28-NE-VD MS	67	70	71
460-52492-A-1-A MS		69	68	66
460-52450-1 MSD	PMP-21-NE-VD MSD	65	72	56
460-52450-25 MSD	PMP-10-NE-SI MSD	82	87	80
460-52450-41 MSD	PMP-28-NE-VD MSD	76	74	71

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TPH = Terphenyl-d14	16-151

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	NBZ %Rec	FBP %Rec	TPH %Rec
460-52492-A-1-B MSD		61	70	66

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TPH = Terphenyl-d14	16-151

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	NBZ %Rec	FBP %Rec	TPH %Rec
460-52450-45	FB_031513	99	93	97
MB 460-151546/1-A		95	89	95
LCS 460-151546/2-A		88	90	82
460-52468-C-3-A MS		95	96	94
460-52468-D-3-A MSD		89	88	88

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TPH = Terphenyl-d14	50-122

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-52450-1	PMP-21-NE-VD	95	98
460-52450-2	PMP-21-NE-WT	112	93
460-52450-3	PMP-21-NE-SI	117	93
460-52450-4	PMP-23-NE-VS	104	106
460-52450-5	PMP-14-NE VS	80	90
460-52450-6	PMP-8-NE-VS	135	105
460-52450-7	PMP-8-NE-VD	68	72
460-52450-8	PMP-8-NE-WT	85	89
460-52450-9	PMP-4-NE-VS	73	84
460-52450-10	PMP-4-NE-VD	75	88
460-52450-11	PMP-22-NE-VS	0X D	0X D
460-52450-12	PMP-22-NE-VD	69	74
460-52450-13	PMP-22-NE-WT	81	84
460-52450-14	PMP-6-NE-VD	84	84
460-52450-15	PMP-6-NE-WT	129	86p
460-52450-16	PMP-6-NE-SI	134	94
460-52450-17	PMP-5-NE-VD	83	78
460-52450-18	PMP-5-NE-WT	0X D	0X D
460-52450-19	PMP-5-NE-SI	125	91
460-52450-20	PMP-7-NE-VD	0X D	0X D
460-52450-21	PMP-7-NE-WT	0X D	0X D
460-52450-22	PMP-7-NE-SI	0X D	0X D
460-52450-23	PMP-10-NE-VD	88	87
460-52450-24	PMP-10-NE-WT	88	85
460-52450-25	PMP-10-NE-SI	85	80
460-52450-26	PMP-10-NE-SD	92	87
460-52450-27	PMP-9-NE-VD	95	88
460-52450-28	PMP-9-NE-WT	0X D	0X D
460-52450-29	PMP-9-NE-SI	0X D	0X D

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-52450-30	PMP-13-NE-VD	107	100
460-52450-31	PMP-13-NE-WT	0X D	0X D
460-52450-32	PMP-13-NE-SI	110	103
460-52450-33	PMP-13-NE-SD	104	95
460-52450-34	PMP-16-NE-VD	102	97
460-52450-35	PMP-16-NE-WT	0X D	0X D
460-52450-36	PMP-16-NE-SI	118	109
460-52450-37	PMP-15-NE-VD	109	100
460-52450-38	PMP-15-NE-WT	87	81
460-52450-39	PMP-15-NE-SI	114	105
460-52450-40	PMP-15-NE-SD	0X D	0X D
460-52450-41	PMP-28-NE-VD	92	92
460-52450-42	PMP-28-NE-WT	0D X	0D X
460-52450-43	PMP-28-NE-SI	103	108
460-52450-44	PMP-28-NE-SD	90	91
MB 460-151458/1-A			95
MB 460-151512/1-A		89	84
MB 460-151527/1-A		113	106
LCS 460-151458/2-A		92	
LCS 460-151512/2-A		89	85
LCS 460-151527/2-A		113	109
460-52450-9 MS	PMP-4-NE-VS MS	76	83
460-52450-29 MS	PMP-9-NE-SI MS	0D X	0D X
460-52380-B-1-B MS		95	98
460-52450-9 MSD	PMP-4-NE-VS MSD	76	87
460-52450-29 MSD	PMP-9-NE-SI MSD	0D X	0D X
460-52380-B-1-C MSD			101

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-52450-45	FB_031513	95	87
MB 460-151921/1-A		106	98
LCS 460-151921/2-A		100	92
LCSD 460-151921/3-A		93	86

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-150

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-52450-1	PMP-21-NE-VD	57	72
460-52450-2	PMP-21-NE-WT	65	72
460-52450-3	PMP-21-NE-SI	60	71
460-52450-4	PMP-23-NE-VS	75	90
460-52450-5	PMP-14-NE VS	67	72
460-52450-6	PMP-8-NE-VS	72	80
460-52450-7	PMP-8-NE-VD	49	60
460-52450-8	PMP-8-NE-WT	71	75
460-52450-9	PMP-4-NE-VS	76	97
460-52450-10	PMP-4-NE-VD	72	75
460-52450-11	PMP-22-NE-VS	69	71
460-52450-12	PMP-22-NE-VD	58	62
460-52450-13	PMP-22-NE-WT	63	70
460-52450-14	PMP-6-NE-VD	61	65
460-52450-15	PMP-6-NE-WT	59	76
460-52450-16	PMP-6-NE-SI	61	94
460-52450-17	PMP-5-NE-VD	61	67
460-52450-18	PMP-5-NE-WT	0X D	0X D
460-52450-19	PMP-5-NE-SI	71	52
460-52450-20	PMP-7-NE-VD	0X D	0X D
460-52450-21	PMP-7-NE-WT	0X D	0X D
460-52450-22	PMP-7-NE-SI	0X D	0X D
460-52450-23	PMP-10-NE-VD	65	79
460-52450-24	PMP-10-NE-WT	62	69
460-52450-25	PMP-10-NE-SI	58	66
460-52450-26	PMP-10-NE-SD	61	67
460-52450-27	PMP-9-NE-VD	52	57
460-52450-28	PMP-9-NE-WT	0X D	0X D
460-52450-29	PMP-9-NE-SI	65	61

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc. Job Number: 460-52450-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-52450-30	PMP-13-NE-VD	55	59
460-52450-31	PMP-13-NE-WT	0X D	0X D
460-52450-32	PMP-13-NE-SI	57	63
460-52450-33	PMP-13-NE-SD	26X	35X
460-52450-33	PMP-13-NE-SD	9X	11X
460-52450-34	PMP-16-NE-VD	54	60
460-52450-35	PMP-16-NE-WT	0X D	0X D
460-52450-36	PMP-16-NE-SI	62	65
460-52450-37	PMP-15-NE-VD	45	51
460-52450-38	PMP-15-NE-WT	64	69
460-52450-39	PMP-15-NE-SI	64	69
460-52450-40	PMP-15-NE-SD	0X D	0X D
460-52450-41	PMP-28-NE-VD	56	61
460-52450-42	PMP-28-NE-WT	0X D	0X D
460-52450-43	PMP-28-NE-SI	57	61
460-52450-44	PMP-28-NE-SD	52	57
MB 460-151461/1-A		66	72
MB 460-151544/1-A		66	71
MB 460-151545/1-A		67	71
MB 460-151566/1-A		65	68
MB 460-152134/1-A		68	71
LCS 460-151461/2-A		59	82
LCS 460-151544/2-A		67	82
LCS 460-151545/2-A		65	85
LCS 460-151566/2-A		64	80
LCS 460-152134/2-A		59	78
460-52450-1 MS	PMP-21-NE-VD MS	66	65
460-52450-20 MS	PMP-7-NE-VD MS	0X D	0X D
460-52450-27 MS	PMP-9-NE-VD MS	15X	17X
460-52450-41 MS	PMP-28-NE-VD MS	13X	15X

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-52459-F-23-D MS		36X D	470X D
460-52450-1 MSD	PMP-21-NE-VD MSD	60	59
460-52450-20 MSD	PMP-7-NE-VD MSD	0X D	0X D
460-52450-27 MSD	PMP-9-NE-VD MSD	11X	14X
460-52450-41 MSD	PMP-28-NE-VD MSD	12X	13X
460-52459-F-23-E MSD		44	795X D

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-52450-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-52450-45	FB_031513	51	66
MB 460-151705/1-A		59	72
LCS 460-151705/2-A		60	85
LCSD 460-151705/3-A		66	90

Surrogate	Acceptance Limits
CB = Chlorobenzene	42-93
OTPH = o-Terphenyl	51-123

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151368

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52303-A-1-A MS	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151368	Lab File ID:	b53492.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.043 g
Analysis Date:	03/19/2013 1008			Final Weight/Volume:	5 mL
Prep Date:	03/15/2013 2037				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52303-A-1-A MSD	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151368	Lab File ID:	b53493.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.043 g
Analysis Date:	03/19/2013 1030			Final Weight/Volume:	5 mL
Prep Date:	03/15/2013 2037				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	86	94	68 - 138	9	30		
1,1-Dichloroethane	90	97	79 - 119	8	30		
1,2-Dichloroethane	91	99	81 - 121	8	30		
1,1,1-Trichloroethane	90	98	78 - 118	8	30		
2-Butanone	102	121	70 - 139	17	30		
Acetone	98	107	48 - 177	9	30		
Benzene	93	102	71 - 118	9	30		
2-Hexanone	94	108	62 - 123	14	30		
Bromoform	71	78	76 - 133	9	30	F	
Bromomethane	77	103	58 - 164	28	30		
Carbon disulfide	73	83	70 - 120	14	30		
Carbon tetrachloride	88	98	64 - 130	11	30		
1,4-Dioxane	78	60	54 - 147	27	30		J
Chlorobenzene	95	103	69 - 124	8	30		
Chloroethane	83	92	66 - 144	10	30		
Chloroform	91	102	81 - 122	11	30		
Chloromethane	91	98	52 - 144	7	30		
4-Methyl-2-pentanone	98	105	69 - 124	7	30		
cis-1,2-Dichloroethene	89	99	78 - 118	10	30		
cis-1,3-Dichloropropene	90	98	75 - 120	9	30		
1,2-Dichlorobenzene	97	104	83 - 123	7	30		
Cyclohexane	102	112	69 - 128	10	30		
1,3-Dichlorobenzene	97	103	83 - 123	7	30		
1,4-Dichlorobenzene	98	106	84 - 124	8	30		
1,2,4-Trichlorobenzene	93	104	62 - 144	12	30		
Ethylbenzene	96	105	78 - 124	9	30		
1,2,3-Trichlorobenzene	87	100	36 - 207	13	30		
Freon TF	89	128	50 - 128	36	30		F
1,2-Dichloropropane	93	102	78 - 118	9	30		
Isopropylbenzene	102	111	80 - 143	9	30		
Methyl acetate	88	104	72 - 165	17	30		
Methylcyclohexane	98	109	80 - 134	11	30		
1,2-Dibromo-3-Chloropropane	89	95	62 - 127	6	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151368

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52303-A-1-A MS	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151368	Lab File ID:	b53492.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.043 g
Analysis Date:	03/19/2013 1008			Final Weight/Volume:	5 mL
Prep Date:	03/15/2013 2037				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52303-A-1-A MSD	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151368	Lab File ID:	b53493.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.043 g
Analysis Date:	03/19/2013 1030			Final Weight/Volume:	5 mL
Prep Date:	03/15/2013 2037				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	76	91	78 - 118	19	30	F	
1,1,2,2-Tetrachloroethane	93	100	86 - 145	8	30		
MTBE	91	103	65 - 143	13	30		
1,1,2-Trichloroethane	92	100	77 - 120	9	30		
Dibromochloromethane	82	91	78 - 118	11	30		
Styrene	95	104	73 - 126	9	30		
1,2-Dibromoethane	92	102	76 - 120	10	30		
Tetrachloroethene	96	105	78 - 136	8	30		
Dichlorodifluoromethane	93	103	41 - 149	10	30		
Toluene	92	100	79 - 136	8	30		
Bromochloromethane	86	98	81 - 121	13	30		
trans-1,2-Dichloroethene	84	92	73 - 119	9	30		
Bromodichloromethane	85	95	78 - 118	12	30		
trans-1,3-Dichloropropene	89	99	73 - 118	11	30		
Trichloroethene	89	97	82 - 122	9	30		
Trichlorofluoromethane	81	95	60 - 148	15	30		
Vinyl chloride	95	102	55 - 154	8	30		
Xylenes, Total	96	104	78 - 126	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75	76	75 - 135
Toluene-d8 (Surr)	72	73	59 - 150
Bromofluorobenzene	90	90	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151368

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52303-A-1-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52303-A-1-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/19/2013 1008			Analysis Date:	03/19/2013 1030
Prep Date:	03/15/2013 2037			Prep Date:	03/15/2013 2037
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1-Dichloroethene	5.8	U	1310	1310	1120		1230	
1,1-Dichloroethane	8.5	U	1310	1310	1180		1270	
1,2-Dichloroethane	12	U	1310	1310	1190		1290	
1,1,1-Trichloroethane	4.1	U	1310	1310	1180		1280	
2-Butanone	150	U	1310	1310	1340		1590	
Acetone	180	U	1310	1310	1280		1400	
Benzene	5.4	U	1310	1310	1220		1330	
2-Hexanone	33	U	1310	1310	1230		1410	
Bromoform	13	U	1310	1310	928	F	1020	
Bromomethane	12	U	1310	1310	1010		1350	
Carbon disulfide	8.2	U	1310	1310	951		1090	
Carbon tetrachloride	3.7	U	1310	1310	1160		1290	
1,4-Dioxane	2400	U	9830	9830	7710		5880	J
Chlorobenzene	7.2	U	1310	1310	1240		1350	
Chloroethane	11	U	1310	1310	1090		1200	
Chloroform	5.1	U	1310	1310	1200		1340	
Chloromethane	6.3	U	1310	1310	1190		1280	
4-Methyl-2-pentanone	65	U	1310	1310	1290		1380	
cis-1,2-Dichloroethene	12	U	1310	1310	1170		1300	
cis-1,3-Dichloropropene	12	U	1310	1310	1170		1290	
1,2-Dichlorobenzene	13	U	1310	1310	1270		1370	
Cyclohexane	10	U	1310	1310	1330		1470	
1,3-Dichlorobenzene	8.9	U	1310	1310	1270		1350	
1,4-Dichlorobenzene	15	U	1310	1310	1280		1390	
1,2,4-Trichlorobenzene	22	U	1310	1310	1210		1360	
Ethylbenzene	6.3	U	1310	1310	1260		1380	
1,2,3-Trichlorobenzene	34	U	1310	1310	1140		1300	
Freon TF	5.4	U	1310	1310	1160		1680	F
1,2-Dichloropropane	5.6	U	1310	1310	1220		1330	
Isopropylbenzene	5.0	U	1310	1310	1340		1450	
Methyl acetate	22	U	1310	1310	1150		1360	
Methylcyclohexane	8.9	U	1310	1310	1280		1430	
1,2-Dibromo-3-Chloropropane	26	U	1310	1310	1170		1250	
Methylene Chloride	12	U	1310	1310	993	F	1200	
1,1,2,2-Tetrachloroethane	10	U	1310	1310	1220		1310	
MTBE	9.0	U	1310	1310	1190		1350	
1,1,2-Trichloroethane	12	U	1310	1310	1200		1310	
Dibromochloromethane	13	U	1310	1310	1070		1200	
Styrene	7.8	U	1310	1310	1250		1370	
1,2-Dibromoethane	18	U	1310	1310	1200		1330	
Tetrachloroethene	6.4	U	1310	1310	1260		1370	
Dichlorodifluoromethane	14	U	1310	1310	1220		1350	
Toluene	9.8	U	1310	1310	1210		1310	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151368

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52303-A-1-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	03/19/2013 1008		
Prep Date:	03/15/2013 2037		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52303-A-1-A MSD
Client Matrix:	Solid
Dilution:	100
Analysis Date:	03/19/2013 1030
Prep Date:	03/15/2013 2037
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromochloromethane	18	U	1310	1310	1130	1280
trans-1,2-Dichloroethene	8.4	U	1310	1310	1100	1210
Bromodichloromethane	8.2	U	1310	1310	1110	1250
trans-1,3-Dichloropropene	16	U	1310	1310	1160	1300
Trichloroethene	6.0	U	1310	1310	1170	1280
Trichlorofluoromethane	9.6	U	1310	1310	1070	1240
Vinyl chloride	9.5	U	1310	1310	1250	1340
Xylenes, Total	24	U	3930	3930	3790	4090

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151403

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52432-A-20-A MS	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151403	Lab File ID:	b53549.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	9.973 g
Analysis Date:	03/20/2013 0846			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1153				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52432-A-20-A MSD	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151403	Lab File ID:	b53550.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	9.973 g
Analysis Date:	03/20/2013 0909			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1153				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	106	98	68 - 138	8	30		
1,1-Dichloroethane	93	93	79 - 119	0	30		
1,2-Dichloroethane	97	90	81 - 121	7	30		
1,1,1-Trichloroethane	94	90	78 - 118	4	30		
2-Butanone	117	101	70 - 139	14	30		
Acetone	87	65	48 - 177	30	30		
Benzene	92	88	71 - 118	4	30		
2-Hexanone	116	107	62 - 123	8	30		
Bromoform	77	72	76 - 133	6	30		F
Bromomethane	74	69	58 - 164	7	30		
Carbon disulfide	78	77	70 - 120	0	30		
Carbon tetrachloride	89	87	64 - 130	2	30		
1,4-Dioxane	111	110	54 - 147	1	30		
Chlorobenzene	103	96	69 - 124	6	30		
Chloroethane	73	72	66 - 144	2	30		
Chloroform	96	91	81 - 122	6	30		
Chloromethane	95	89	52 - 144	7	30		
4-Methyl-2-pentanone	99	92	69 - 124	7	30		
cis-1,2-Dichloroethene	93	93	78 - 118	0	30		
cis-1,3-Dichloropropene	93	88	75 - 120	6	30		
1,2-Dichlorobenzene	103	98	83 - 123	5	30		
Cyclohexane	429	411	69 - 128	1	30	4	4
1,3-Dichlorobenzene	104	98	83 - 123	6	30		
1,4-Dichlorobenzene	106	100	84 - 124	6	30		
1,2,4-Trichlorobenzene	127	110	62 - 144	15	30		
Ethylbenzene	107	54	78 - 124	3	30	4	4
1,2,3-Trichlorobenzene	113	104	36 - 207	9	30		
Freon TF	117	102	50 - 128	13	30		
1,2-Dichloropropane	104	98	78 - 118	6	30		
Isopropylbenzene	111	106	80 - 143	2	30		
Methyl acetate	731	720	72 - 165	2	30	F	F
Methylcyclohexane	-99	-103	80 - 134	0	30	4	4
1,2-Dibromo-3-Chloropropane	111	108	62 - 127	3	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151403

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52432-A-20-A MS	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151403	Lab File ID:	b53549.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	9.973 g
Analysis Date:	03/20/2013 0846			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1153				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52432-A-20-A MSD	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151403	Lab File ID:	b53550.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	9.973 g
Analysis Date:	03/20/2013 0909			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1153				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	116	114	78 - 118	2	30		
1,1,2,2-Tetrachloroethane	109	103	86 - 145	5	30		
MTBE	99	92	65 - 143	8	30		
1,1,2-Trichloroethane	110	102	77 - 120	7	30		
Dibromochloromethane	87	82	78 - 118	5	30		
Styrene	109	102	73 - 126	7	30		
1,2-Dibromoethane	101	94	76 - 120	7	30		
Tetrachloroethene	114	109	78 - 136	5	30		
Dichlorodifluoromethane	102	91	41 - 149	11	30		
Toluene	97	92	79 - 136	5	30		
Bromochloromethane	95	90	81 - 121	5	30		
trans-1,2-Dichloroethene	86	86	73 - 119	1	30		
Bromodichloromethane	93	87	78 - 118	6	30		
trans-1,3-Dichloropropene	96	90	73 - 118	6	30		
Trichloroethene	103	97	82 - 122	6	30		
Trichlorofluoromethane	69	73	60 - 148	6	30		
Vinyl chloride	98	93	55 - 154	6	30		
Xylenes, Total	108	100	78 - 126	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	84	75 - 135
Toluene-d8 (Surr)	74	74	59 - 150
Bromofluorobenzene	97	95	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151403

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52432-A-18-A MS	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151403	Lab File ID:	b53611.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.929 g
Analysis Date:	03/21/2013 0926			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1153				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52432-A-18-A MSD	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151403	Lab File ID:	b53612.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.929 g
Analysis Date:	03/21/2013 0948			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1153				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	99	85	68 - 138	15	30		
1,1-Dichloroethane	89	85	79 - 119	4	30		
1,2-Dichloroethane	90	86	81 - 121	5	30		
1,1,1-Trichloroethane	90	87	78 - 118	2	30		
2-Butanone	99	98	70 - 139	0	30		
Acetone	74	79	48 - 177	8	30		
Benzene	88	84	71 - 118	4	30		
2-Hexanone	93	85	62 - 123	9	30		
Bromoform	75	71	76 - 133	5	30	F	F
Bromomethane	67	72	58 - 164	7	30		
Carbon disulfide	80	71	70 - 120	12	30		
Carbon tetrachloride	91	86	64 - 130	6	30		
1,4-Dioxane	116	101	54 - 147	13	30		
Chlorobenzene	97	95	69 - 124	2	30		
Chloroethane	66	77	66 - 144	14	30		
Chloroform	94	88	81 - 122	6	30		
Chloromethane	91	88	52 - 144	3	30		
4-Methyl-2-pentanone	92	84	69 - 124	9	30		
cis-1,2-Dichloroethene	93	90	78 - 118	2	30		
cis-1,3-Dichloropropene	87	84	75 - 120	3	30		
1,2-Dichlorobenzene	99	94	83 - 123	5	30		
Cyclohexane	121	119	69 - 128	1	30		
1,3-Dichlorobenzene	99	95	83 - 123	4	30		
1,4-Dichlorobenzene	99	95	84 - 124	4	30		
1,2,4-Trichlorobenzene	107	99	62 - 144	8	30		
Ethylbenzene	100	96	78 - 124	4	30		
1,2,3-Trichlorobenzene	99	94	36 - 207	5	30		
Freon TF	106	82	50 - 128	26	30		
1,2-Dichloropropane	92	87	78 - 118	6	30		
Isopropylbenzene	106	102	80 - 143	3	30		
Methyl acetate	94	110	72 - 165	17	30		
Methylcyclohexane	105	103	80 - 134	1	30		
1,2-Dibromo-3-Chloropropane	118	109	62 - 127	8	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151403

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52432-A-18-A MS	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151403	Lab File ID:	b53611.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.929 g
Analysis Date:	03/21/2013 0926			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1153				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52432-A-18-A MSD	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-151403	Lab File ID:	b53612.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.929 g
Analysis Date:	03/21/2013 0948			Final Weight/Volume:	5 mL
Prep Date:	03/16/2013 1153				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	83	73	78 - 118	13	30		F
1,1,2,2-Tetrachloroethane	92	86	86 - 145	7	30		
MTBE	93	87	65 - 143	6	30		
1,1,2-Trichloroethane	89	85	77 - 120	4	30		
Dibromochloromethane	83	81	78 - 118	2	30		
Styrene	102	96	73 - 126	6	30		
1,2-Dibromoethane	93	92	76 - 120	2	30		
Tetrachloroethene	98	97	78 - 136	1	30		
Dichlorodifluoromethane	99	88	41 - 149	12	30		
Toluene	91	88	79 - 136	3	30		
Bromochloromethane	94	86	81 - 121	9	30		
trans-1,2-Dichloroethene	85	82	73 - 119	3	30		
Bromodichloromethane	86	83	78 - 118	4	30		
trans-1,3-Dichloropropene	88	84	73 - 118	4	30		
Trichloroethene	92	89	82 - 122	4	30		
Trichlorofluoromethane	76	69	60 - 148	9	30		
Vinyl chloride	93	95	55 - 154	2	30		
Xylenes, Total	100	95	78 - 126	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	94	75 - 135
Toluene-d8 (Surr)	86	84	59 - 150
Bromofluorobenzene	113	112	72 - 133

Client: Antea USA, Inc.

Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151403

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52432-A-20-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52432-A-20-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/20/2013 0846			Analysis Date:	03/20/2013 0909
Prep Date:	03/16/2013 1153			Prep Date:	03/16/2013 1153
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1-Dichloroethene	2.6	U	598	598	635		586	
1,1-Dichloroethane	3.9	U	598	598	556		556	
1,2-Dichloroethane	5.6	U	598	598	577		539	
1,1,1-Trichloroethane	1.9	U	598	598	563		538	
2-Butanone	69	U	598	598	699		606	
Acetone	80	U	598	598	521		387	
Benzene	84		598	598	636		609	
2-Hexanone	15	U	598	598	691		638	
Bromoform	5.7	U	598	598	460		432	F
Bromomethane	5.4	U	598	598	441		412	
Carbon disulfide	3.7	U	598	598	464		463	
Carbon tetrachloride	1.7	U	598	598	534		521	
1,4-Dioxane	1100	U	4480	4480	4990		4930	
Chlorobenzene	3.3	U	598	598	614		576	
Chloroethane	5.1	U	598	598	438		428	
Chloroform	2.3	U	598	598	574		541	
Chloromethane	2.9	U	598	598	570		529	
4-Methyl-2-pentanone	29	U	598	598	590		549	
cis-1,2-Dichloroethene	5.3	U	598	598	556		556	
cis-1,3-Dichloropropene	5.5	U	598	598	553		523	
1,2-Dichlorobenzene	6.1	U	598	598	615		586	
Cyclohexane	5300		598	598	7860	4	7750	4
1,3-Dichlorobenzene	4.0	U	598	598	621		587	
1,4-Dichlorobenzene	7.0	U	598	598	635		598	
1,2,4-Trichlorobenzene	10	U	598	598	761		655	
Ethylbenzene	10000		598	598	10800	4	10500	4
1,2,3-Trichlorobenzene	15	U	598	598	674		619	
Freon TF	2.5	U	598	598	699		612	
1,2-Dichloropropane	2.6	U	598	598	622		583	
Isopropylbenzene	730		598	598	1400		1370	
Methyl acetate	10	U	598	598	4370	F	4300	F
Methylcyclohexane	13000		598	598	12000	4	11900	4
1,2-Dibromo-3-Chloropropane	12	U	598	598	665		645	
Methylene Chloride	5.4	U	598	598	696		682	
1,1,2,2-Tetrachloroethane	4.7	U	598	598	649		617	
MTBE	4.1	U	598	598	594		548	
1,1,2-Trichloroethane	5.6	U	598	598	658		612	
Dibromochloromethane	6.0	U	598	598	520		492	
Styrene	3.5	U	598	598	654		610	
1,2-Dibromoethane	8.2	U	598	598	605		562	
Tetrachloroethene	2.9	U	598	598	681		649	
Dichlorodifluoromethane	6.4	U	598	598	611		546	
Toluene	77		598	598	657		625	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151403

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52432-A-20-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	03/20/2013 0846		
Prep Date:	03/16/2013 1153		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52432-A-20-A MSD
Client Matrix:	Solid
Dilution:	100
Analysis Date:	03/20/2013 0909
Prep Date:	03/16/2013 1153
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromochloromethane	8.2	U	598	598	568	540
trans-1,2-Dichloroethene	3.8	U	598	598	512	516
Bromodichloromethane	3.7	U	598	598	557	522
trans-1,3-Dichloropropene	7.3	U	598	598	572	537
Trichloroethene	2.7	U	598	598	617	580
Trichlorofluoromethane	4.4	U	598	598	413	439
Vinyl chloride	4.3	U	598	598	588	554
Xylenes, Total	1500		1790	1790	3400	3260

Client: Antea USA, Inc.

Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151403

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52432-A-18-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52432-A-18-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/21/2013 0926			Analysis Date:	03/21/2013 0948
Prep Date:	03/16/2013 1153			Prep Date:	03/16/2013 1153
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1-Dichloroethene	3.3	U	743	743	735		633	
1,1-Dichloroethane	4.8	U	743	743	660		634	
1,2-Dichloroethane	7.0	U	743	743	669		639	
1,1,1-Trichloroethane	2.3	U	743	743	665		650	
2-Butanone	86	U	743	743	733		730	
Acetone	100	U	743	743	547		590	
Benzene	9.1	J	743	743	660		636	
2-Hexanone	19	U	743	743	693		632	
Bromoform	7.1	U	743	743	556	F	531	F
Bromomethane	6.7	U	743	743	498		536	
Carbon disulfide	4.7	U	743	743	594		528	
Carbon tetrachloride	2.1	U	743	743	676		639	
1,4-Dioxane	1300	U	5580	5580	6460		5650	
Chlorobenzene	4.1	U	743	743	717		705	
Chloroethane	6.3	U	743	743	493		569	
Chloroform	2.9	U	743	743	696		657	
Chloromethane	3.6	U	743	743	676		654	
4-Methyl-2-pentanone	37	U	743	743	681		625	
cis-1,2-Dichloroethene	6.6	U	743	743	688		671	
cis-1,3-Dichloropropene	6.8	U	743	743	645		627	
1,2-Dichlorobenzene	7.6	U	743	743	737		698	
Cyclohexane	230		743	743	1130		1120	
1,3-Dichlorobenzene	5.0	U	743	743	733		704	
1,4-Dichlorobenzene	8.6	U	743	743	737		710	
1,2,4-Trichlorobenzene	13	U	743	743	799		734	
Ethylbenzene	59		743	743	800		770	
1,2,3-Trichlorobenzene	19	U	743	743	738		702	
Freon TF	3.0	U	743	743	791		608	
1,2-Dichloropropane	3.2	U	743	743	686		644	
Isopropylbenzene	40		743	743	824		798	
Methyl acetate	12	U	743	743	696		821	
Methylcyclohexane	730		743	743	1510		1490	
1,2-Dibromo-3-Chloropropane	15	U	743	743	880		809	
Methylene Chloride	6.8	U	743	743	619		545	F
1,1,2,2-Tetrachloroethane	5.9	U	743	743	683		638	
MTBE	5.1	U	743	743	691		650	
1,1,2-Trichloroethane	7.0	U	743	743	658		629	
Dibromochloromethane	7.4	U	743	743	620		605	
Styrene	4.4	U	743	743	756		714	
1,2-Dibromoethane	10	U	743	743	691		681	
Tetrachloroethene	3.6	U	743	743	731		722	
Dichlorodifluoromethane	8.0	U	743	743	738		655	
Toluene	5.6	U	743	743	678		656	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151403

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52432-A-18-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52432-A-18-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/21/2013 0926			Analysis Date:	03/21/2013 0948
Prep Date:	03/16/2013 1153			Prep Date:	03/16/2013 1153
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromochloromethane	10	U	743	743	698	640
trans-1,2-Dichloroethene	4.8	U	743	743	629	608
Bromodichloromethane	4.6	U	743	743	640	614
trans-1,3-Dichloropropene	9.0	U	743	743	654	627
Trichloroethene	3.4	U	743	743	684	658
Trichlorofluoromethane	5.4	U	743	743	562	514
Vinyl chloride	5.4	U	743	743	690	704
Xylenes, Total	13	U	2230	2230	2230	2110

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151692

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-151692/4	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53484.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 0707	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
2-Butanone	230	U	230	500
Acetone	270	U	270	500
Benzene	8.3	U	8.3	100
2-Hexanone	50	U	50	500
Bromoform	19	U	19	100
Bromomethane	18	U	18	100
Carbon disulfide	13	U	13	100
Carbon tetrachloride	5.7	U	5.7	100
Chlorobenzene	11	U	11	100
1,4-Dioxane	3600	U	3600	5000
Chloroethane	17	U	17	100
Chloroform	7.9	U	7.9	100
Chloromethane	9.7	U	9.7	100
cis-1,2-Dichloroethene	18	U	18	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
Cyclohexane	16	U	16	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
Ethylbenzene	9.6	U	9.6	100
1,2,3-Trichlorobenzene	51	U	51	100
Freon TF	8.2	U	8.2	100
Isopropylbenzene	7.7	U	7.7	100
1,2-Dichloropropane	8.6	U	8.6	100
Methyl acetate	34	U	34	200
Methylcyclohexane	14	U	14	100
Methylene Chloride	18	U	18	100
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100
MTBE	14	U	14	100
1,1,2-Trichloroethane	19	U	19	100
Styrene	12	U	12	100
Dibromochloromethane	20	U	20	100
Tetrachloroethene	9.7	U	9.7	100
1,2-Dibromoethane	28	U	28	100
Toluene	15	U	15	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
trans-1,2-Dichloroethene	13	U	13	100

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151692

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-151692/4	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53484.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 0707	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	13	U	13	100
trans-1,3-Dichloropropene	24	U	24	100
Trichloroethene	9.2	U	9.2	100
Trichlorofluoromethane	15	U	15	100
Vinyl chloride	14	U	14	100
Xylenes, Total	36	U	36	300

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	75 - 135
Toluene-d8 (Surr)	100	59 - 150
Bromofluorobenzene	105	72 - 133

Method Blank TICs- Batch: 460-151692

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151692

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-151692/3	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53480.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 0534	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-Dichloroethene	2000	1960	98	68 - 138	
1,1-Dichloroethane	2000	2050	103	79 - 119	
1,2-Dichloroethane	2000	2010	101	81 - 121	
1,1,1-Trichloroethane	2000	2110	105	78 - 118	
2-Butanone	2000	2100	105	70 - 139	
Acetone	2000	1690	84	48 - 177	
Benzene	2000	2010	101	71 - 118	
2-Hexanone	2000	2080	104	62 - 123	
Bromoform	2000	1780	89	76 - 133	
Bromomethane	2000	2010	100	58 - 154	
Carbon disulfide	2000	2050	102	70 - 120	
Carbon tetrachloride	2000	2130	107	64 - 130	
Chlorobenzene	2000	2030	102	69 - 124	
1,4-Dioxane	15000	11100	74	54 - 147	
Chloroethane	2000	1970	99	66 - 144	
Chloroform	2000	2060	103	81 - 122	
Chloromethane	2000	2000	100	52 - 144	
cis-1,2-Dichloroethene	2000	2070	103	78 - 118	
4-Methyl-2-pentanone	2000	2150	108	69 - 124	
cis-1,3-Dichloropropene	2000	2080	104	75 - 120	
1,2-Dichlorobenzene	2000	2090	104	83 - 123	
Cyclohexane	2000	2250	113	69 - 128	
1,3-Dichlorobenzene	2000	2080	104	83 - 123	
1,4-Dichlorobenzene	2000	2030	102	84 - 124	
1,2,4-Trichlorobenzene	2000	2130	106	62 - 144	
Ethylbenzene	2000	2120	106	78 - 124	
1,2,3-Trichlorobenzene	2000	2140	107	36 - 207	
Freon TF	2000	2220	111	50 - 128	
Isopropylbenzene	2000	2220	111	80 - 143	
1,2-Dichloropropane	2000	2040	102	78 - 118	
Methyl acetate	2000	2040	102	72 - 165	
Methylcyclohexane	2000	2230	112	80 - 134	
Methylene Chloride	2000	1790	89	78 - 118	
1,2-Dibromo-3-Chloropropane	2000	2180	109	62 - 127	
1,1,2,2-Tetrachloroethane	2000	2050	102	86 - 145	
MTBE	2000	2070	104	65 - 143	
1,1,2-Trichloroethane	2000	2000	100	77 - 120	
Styrene	2000	2170	108	73 - 126	
Dibromochloromethane	2000	1980	99	78 - 118	
Tetrachloroethene	2000	2120	106	78 - 136	
1,2-Dibromoethane	2000	2080	104	76 - 120	
Toluene	2000	2010	101	79 - 136	
Dichlorodifluoromethane	2000	2030	101	41 - 149	
Bromochloromethane	2000	1950	98	81 - 121	
trans-1,2-Dichloroethene	2000	1980	99	73 - 119	
Bromodichloromethane	2000	1990	99	78 - 118	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151692

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-151692/3	Analysis Batch:	460-151692	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53480.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 0534	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	2000	2080	104	73 - 118	
Trichloroethene	2000	2010	101	82 - 122	
Trichlorofluoromethane	2000	1760	88	60 - 148	
Vinyl chloride	2000	2050	103	55 - 154	
Xylenes, Total	6000	6310	105	78 - 126	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	75 - 135
Toluene-d8 (Surr)	99	59 - 150
Bromofluorobenzene	102	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151820 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-151820/4	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53517.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 1939	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
2-Butanone	230	U	230	500
Acetone	270	U	270	500
Benzene	8.3	U	8.3	100
2-Hexanone	50	U	50	500
Bromoform	19	U	19	100
Bromomethane	18	U	18	100
Carbon disulfide	13	U	13	100
Carbon tetrachloride	5.7	U	5.7	100
Chlorobenzene	11	U	11	100
1,4-Dioxane	3600	U	3600	5000
Chloroethane	17	U	17	100
Chloroform	7.9	U	7.9	100
Chloromethane	9.7	U	9.7	100
cis-1,2-Dichloroethene	18	U	18	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
Cyclohexane	16	U	16	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
Ethylbenzene	9.6	U	9.6	100
1,2,3-Trichlorobenzene	51	U	51	100
Freon TF	8.2	U	8.2	100
Isopropylbenzene	7.7	U	7.7	100
1,2-Dichloropropane	8.6	U	8.6	100
Methyl acetate	34	U	34	200
Methylcyclohexane	14	U	14	100
Methylene Chloride	18	U	18	100
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100
MTBE	14	U	14	100
1,1,2-Trichloroethane	19	U	19	100
Styrene	12	U	12	100
Dibromochloromethane	20	U	20	100
Tetrachloroethene	9.7	U	9.7	100
1,2-Dibromoethane	28	U	28	100
Toluene	15	U	15	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
trans-1,2-Dichloroethene	13	U	13	100

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151820

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-151820/4	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53517.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 1939	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	13	U	13	100
trans-1,3-Dichloropropene	24	U	24	100
Trichloroethene	9.2	U	9.2	100
Trichlorofluoromethane	15	U	15	100
Vinyl chloride	14	U	14	100
Xylenes, Total	36	U	36	300

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	75 - 135
Toluene-d8 (Surr)	97	59 - 150
Bromofluorobenzene	103	72 - 133

Method Blank TICs- Batch: 460-151820

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-151820

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-151820/3	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53512.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 1739	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-151820/16	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53513.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 1801	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
1,1-Dichloroethene	92	110	68 - 138	18	30		
1,1-Dichloroethane	99	95	79 - 119	4	30		
1,2-Dichloroethane	94	90	81 - 121	4	30		
1,1,1-Trichloroethane	100	95	78 - 118	5	30		
2-Butanone	91	86	70 - 139	6	30		
Acetone	79	79	48 - 177	0	30		
Benzene	94	91	71 - 118	3	30		
2-Hexanone	95	81	62 - 123	16	30		
Bromoform	83	80	76 - 133	5	30		
Bromomethane	91	99	58 - 154	8	30		
Carbon disulfide	95	82	70 - 120	15	30		
Carbon tetrachloride	101	97	64 - 130	4	30		
1,4-Dioxane	101	81	54 - 147	22	30		
Chlorobenzene	97	95	69 - 124	2	30		
Chloroethane	83	95	66 - 144	14	30		
Chloroform	100	98	81 - 122	3	30		
Chloromethane	90	91	52 - 144	1	30		
4-Methyl-2-pentanone	98	91	69 - 124	7	30		
cis-1,2-Dichloroethene	99	95	78 - 118	4	30		
cis-1,3-Dichloropropene	99	95	75 - 120	4	30		
1,2-Dichlorobenzene	95	95	83 - 123	0	30		
Cyclohexane	113	102	69 - 128	10	30		
1,3-Dichlorobenzene	94	95	83 - 123	1	30		
1,4-Dichlorobenzene	94	96	84 - 124	2	30		
1,2,4-Trichlorobenzene	96	98	62 - 144	2	30		
Ethylbenzene	98	99	78 - 124	1	30		
1,2,3-Trichlorobenzene	89	93	36 - 207	4	30		
Freon TF	109	118	50 - 128	8	30		
1,2-Dichloropropane	97	94	78 - 118	3	30		
Isopropylbenzene	100	105	80 - 143	5	30		
Methyl acetate	96	79	72 - 165	19	30		
Methylcyclohexane	113	102	80 - 134	10	30		
1,2-Dibromo-3-Chloropropane	99	100	62 - 127	2	30		
Methylene Chloride	86	91	78 - 118	6	30		
1,1,2,2-Tetrachloroethane	96	89	86 - 145	7	30		
MTBE	101	93	65 - 143	8	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-151820

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-151820/3	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53512.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 1739	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-151820/16	Analysis Batch:	460-151820	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53513.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/19/2013 1801	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
1,1,2-Trichloroethane	96	89	77 - 120	7	30		
Dibromochloromethane	94	91	78 - 118	4	30		
Styrene	102	101	73 - 126	1	30		
1,2-Dibromoethane	96	94	76 - 120	2	30		
Tetrachloroethene	97	98	78 - 136	1	30		
Dichlorodifluoromethane	86	93	41 - 149	7	30		
Toluene	96	92	79 - 136	4	30		
Bromochloromethane	97	94	81 - 121	3	30		
trans-1,2-Dichloroethene	96	92	73 - 119	4	30		
Bromodichloromethane	95	91	78 - 118	4	30		
trans-1,3-Dichloropropene	99	96	73 - 118	3	30		
Trichloroethene	97	92	82 - 122	5	30		
Trichlorofluoromethane	85	91	60 - 148	7	30		
Vinyl chloride	90	96	55 - 154	6	30		
Xylenes, Total	97	98	78 - 126	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	96	75 - 135
Toluene-d8 (Surr)	97	97	59 - 150
Bromofluorobenzene	101	101	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-151820

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-151820/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-151820/16
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/19/2013 1739			Analysis Date:	03/19/2013 1801
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
1,1-Dichloroethene	2000	2000	1850	2210
1,1-Dichloroethane	2000	2000	1990	1910
1,2-Dichloroethane	2000	2000	1880	1810
1,1,1-Trichloroethane	2000	2000	2000	1910
2-Butanone	2000	2000	1830	1720
Acetone	2000	2000	1580	1580
Benzene	2000	2000	1880	1830
2-Hexanone	2000	2000	1890	1610
Bromoform	2000	2000	1660	1590
Bromomethane	2000	2000	1820	1980
Carbon disulfide	2000	2000	1910	1650
Carbon tetrachloride	2000	2000	2010	1940
1,4-Dioxane	15000	15000	15200	12200
Chlorobenzene	2000	2000	1930	1900
Chloroethane	2000	2000	1650	1910
Chloroform	2000	2000	2010	1960
Chloromethane	2000	2000	1810	1830
4-Methyl-2-pentanone	2000	2000	1960	1830
cis-1,2-Dichloroethene	2000	2000	1970	1900
cis-1,3-Dichloropropene	2000	2000	1980	1900
1,2-Dichlorobenzene	2000	2000	1900	1900
Cyclohexane	2000	2000	2270	2040
1,3-Dichlorobenzene	2000	2000	1890	1910
1,4-Dichlorobenzene	2000	2000	1890	1920
1,2,4-Trichlorobenzene	2000	2000	1920	1960
Ethylbenzene	2000	2000	1950	1970
1,2,3-Trichlorobenzene	2000	2000	1780	1850
Freon TF	2000	2000	2180	2370
1,2-Dichloropropane	2000	2000	1940	1870
Isopropylbenzene	2000	2000	1990	2090
Methyl acetate	2000	2000	1920	1590
Methylcyclohexane	2000	2000	2270	2050
1,2-Dibromo-3-Chloropropane	2000	2000	1980	2010
Methylene Chloride	2000	2000	1720	1830
1,1,2,2-Tetrachloroethane	2000	2000	1920	1780
MTBE	2000	2000	2020	1860
1,1,2-Trichloroethane	2000	2000	1910	1780
Dibromochloromethane	2000	2000	1890	1810
Styrene	2000	2000	2030	2010

Client: Antea USA, Inc.

Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-151820

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-151820/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-151820/16
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/19/2013 1739			Analysis Date:	03/19/2013 1801
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-Dibromoethane	2000	2000	1920	1880
Tetrachloroethene	2000	2000	1930	1960
Dichlorodifluoromethane	2000	2000	1730	1860
Toluene	2000	2000	1920	1850
Bromochloromethane	2000	2000	1940	1880
trans-1,2-Dichloroethene	2000	2000	1920	1840
Bromodichloromethane	2000	2000	1890	1820
trans-1,3-Dichloropropene	2000	2000	1980	1920
Trichloroethene	2000	2000	1940	1840
Trichlorofluoromethane	2000	2000	1700	1830
Vinyl chloride	2000	2000	1800	1920
Xylenes, Total	6000	6000	5850	5880

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151859

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-151859/4	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k11006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1037	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1037				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
2-Butanone	2.3	U	2.3	5.0
Acetone	2.7	U	2.7	5.0
Benzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.18	U	0.18	1.0
Carbon disulfide	0.13	U	0.13	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Chlorobenzene	0.11	U	0.11	1.0
1,4-Dioxane	36	U	36	50
Chloroethane	0.17	U	0.17	1.0
Chloroform	0.080	U	0.080	1.0
Chloromethane	0.10	U	0.10	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	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
Cyclohexane	0.16	U	0.16	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
Ethylbenzene	0.10	U	0.10	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
Freon TF	0.080	U	0.080	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylcyclohexane	0.14	U	0.14	1.0
Methylene Chloride	0.18	U	0.18	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
MTBE	0.14	U	0.14	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
Dibromochloromethane	0.20	U	0.20	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Toluene	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151859

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-151859/4	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k11006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1037	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1037				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	0.12	U	0.12	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
Trichloroethene	0.090	U	0.090	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
Vinyl chloride	0.14	U	0.14	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 130
Toluene-d8 (Surr)	86	70 - 130
Bromofluorobenzene	100	70 - 130

Method Blank TICs- Batch: 460-151859

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151859

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-151859/3	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k11004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 0941	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 0941				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethene	20.0	15.8	79	56 - 139	
1,1-Dichloroethane	20.0	18.1	90	78 - 122	
1,2-Dichloroethane	20.0	20.2	101	74 - 118	
1,1,1-Trichloroethane	20.0	21.3	106	74 - 128	
2-Butanone	20.0	19.8	99	65 - 114	
Acetone	20.0	22.7	113	45 - 156	
Benzene	20.0	18.4	92	83 - 124	
2-Hexanone	20.0	21.1	105	53 - 121	
Bromoform	20.0	19.2	96	73 - 123	
Bromomethane	20.0	22.3	111	55 - 153	
Carbon disulfide	20.0	14.7	73	58 - 139	
Carbon tetrachloride	20.0	22.2	111	73 - 120	
Chlorobenzene	20.0	18.0	90	81 - 121	
1,4-Dioxane	190	121	64	52 - 126	
Chloroethane	20.0	19.0	95	69 - 145	
Chloroform	20.0	20.1	100	82 - 123	
Chloromethane	20.0	18.9	94	58 - 146	
cis-1,2-Dichloroethene	20.0	17.2	86	80 - 120	
4-Methyl-2-pentanone	20.0	19.9	99	53 - 120	
cis-1,3-Dichloropropene	20.0	18.6	93	80 - 120	
1,2-Dichlorobenzene	20.0	18.8	94	82 - 122	
Cyclohexane	20.0	15.4	77	58 - 133	
1,3-Dichlorobenzene	20.0	18.5	93	81 - 126	
1,4-Dichlorobenzene	20.0	18.5	93	83 - 123	
1,2,4-Trichlorobenzene	20.0	18.3	91	66 - 120	
Ethylbenzene	20.0	15.8	79	79 - 126	
1,2,3-Trichlorobenzene	20.0	17.6	88	76 - 123	
Freon TF	20.0	15.8	79	47 - 139	
Isopropylbenzene	20.0	17.5	87	80 - 125	
1,2-Dichloropropane	20.0	17.5	87	80 - 120	
Methyl acetate	20.0	18.6	93	50 - 151	
Methylcyclohexane	20.0	15.0	75	61 - 129	
Methylene Chloride	20.0	17.1	85	79 - 119	
1,2-Dibromo-3-Chloropropane	20.0	21.3	106	70 - 116	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	74 - 126	
MTBE	20.0	18.7	94	71 - 115	
1,1,2-Trichloroethane	20.0	18.1	90	79 - 119	
Styrene	20.0	16.6	83	69 - 112	
Dibromochloromethane	20.0	19.6	98	80 - 120	
Tetrachloroethene	20.0	19.1	95	68 - 139	
1,2-Dibromoethane	20.0	18.4	92	78 - 118	
Toluene	20.0	18.2	91	80 - 120	
Dichlorodifluoromethane	20.0	17.8	89	46 - 145	
Bromochloromethane	20.0	16.8	84	80 - 121	
trans-1,2-Dichloroethene	20.0	16.7	83	75 - 122	
Bromodichloromethane	20.0	19.8	99	79 - 119	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151859

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-151859/3	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k11004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 0941	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 0941				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	20.0	18.9	95	78 - 118	
Trichloroethene	20.0	18.2	91	78 - 119	
Trichlorofluoromethane	20.0	17.6	88	69 - 147	
Vinyl chloride	20.0	19.2	96	61 - 144	
Xylenes, Total	60.0	49.8	83	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 130
Toluene-d8 (Surr)	90	70 - 130
Bromofluorobenzene	100	70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151859

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-52448-A-3 MS	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k11022.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1658			Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1658				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52448-A-3 MSD	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k11023.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1721			Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1721				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	71	70	56 - 139	1	30		
1,1-Dichloroethane	92	91	78 - 122	1	30		
1,2-Dichloroethane	104	102	74 - 118	2	30		
1,1,1-Trichloroethane	104	103	74 - 128	2	30		
2-Butanone	94	89	65 - 114	5	30		
Acetone	118	102	45 - 156	14	30		
Benzene	82	79	83 - 124	2	30	F	F
2-Hexanone	100	100	53 - 121	0	30		
Bromoform	98	95	73 - 123	3	30		
Bromomethane	115	111	55 - 153	4	30		
Carbon disulfide	67	65	58 - 139	3	30		
Carbon tetrachloride	106	104	73 - 120	2	30		
1,4-Dioxane	81	88	52 - 126	9	30		
Chlorobenzene	91	89	81 - 121	2	30		
Chloroethane	100	96	69 - 145	4	30		
Chloroform	102	99	82 - 123	3	30		
Chloromethane	97	95	58 - 146	2	30		
4-Methyl-2-pentanone	98	100	53 - 120	2	30		
cis-1,2-Dichloroethene	86	85	80 - 120	1	30		
cis-1,3-Dichloropropene	90	88	80 - 120	2	30		
1,2-Dichlorobenzene	94	94	82 - 122	0	30		
Cyclohexane	63	58	58 - 133	8	30		
1,3-Dichlorobenzene	91	92	81 - 126	1	30		
1,4-Dichlorobenzene	93	92	83 - 123	1	30		
1,2,4-Trichlorobenzene	91	93	66 - 120	3	30		
Ethylbenzene	47	45	79 - 126	2	30	F	F
1,2,3-Trichlorobenzene	84	90	76 - 123	6	30		
Freon TF	62	62	47 - 139	0	30		
1,2-Dichloropropane	88	88	80 - 120	1	30		
Isopropylbenzene	49	48	80 - 125	0	30	F	F
Methyl acetate	94	92	50 - 151	2	30		
Methylcyclohexane	61	58	61 - 129	5	30		F
1,2-Dibromo-3-Chloropropane	105	106	70 - 116	1	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151859

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-52448-A-3 MS	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k11022.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1658			Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1658				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52448-A-3 MSD	Analysis Batch:	460-151859	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k11023.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 1721			Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1721				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	86	84	79 - 119	2	30		
1,1,2,2-Tetrachloroethane	94	94	74 - 126	0	30		
MTBE	93	93	71 - 115	1	30		
1,1,2-Trichloroethane	92	91	79 - 119	1	30		
Dibromochloromethane	100	97	80 - 120	3	30		
Styrene	82	82	69 - 112	1	30		
1,2-Dibromoethane	90	92	78 - 118	1	30		
Tetrachloroethene	92	87	68 - 139	5	30		
Dichlorodifluoromethane	101	96	46 - 145	5	30		
Toluene	93	91	80 - 120	2	30		
Bromochloromethane	84	83	80 - 121	1	30		
trans-1,2-Dichloroethene	81	82	75 - 122	1	30		
Bromodichloromethane	100	100	79 - 119	0	30		
trans-1,3-Dichloropropene	93	94	78 - 118	1	30		
Trichloroethene	93	89	78 - 119	4	30		
Trichlorofluoromethane	99	92	69 - 147	7	30		
Vinyl chloride	101	97	61 - 144	4	30		
Xylenes, Total	70	69	76 - 121	1	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	99	70 - 130
Toluene-d8 (Surr)	91	90	70 - 130
Bromofluorobenzene	101	103	70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151859

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-52448-A-3 MS	Units:	ug/L	MSD Lab Sample ID:	460-52448-A-3 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	03/20/2013 1658			Analysis Date:	03/20/2013 1721
Prep Date:	03/20/2013 1658			Prep Date:	03/20/2013 1721
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1-Dichloroethene	0.090	U	200	200	141		139	
1,1-Dichloroethane	0.13	U	200	200	184		182	
1,2-Dichloroethane	0.19	U	200	200	207		203	
1,1,1-Trichloroethane	0.060	U	200	200	208		205	
2-Butanone	3.7	J	200	200	191		182	
Acetone	11		200	200	248		216	
Benzene	75		200	200	239	F	234	F
2-Hexanone	0.50	U	200	200	200		199	
Bromoform	0.19	U	200	200	196		191	
Bromomethane	0.18	U	200	200	231		222	
Carbon disulfide	0.13	U	200	200	135		130	
Carbon tetrachloride	0.060	U	200	200	212		209	
1,4-Dioxane	36	U	1500	1500	1210		1330	
Chlorobenzene	0.11	U	200	200	182		178	
Chloroethane	0.17	U	200	200	199		192	
Chloroform	0.080	U	200	200	204		198	
Chloromethane	0.10	U	200	200	193		190	
4-Methyl-2-pentanone	0.99	U	200	200	196		200	
cis-1,2-Dichloroethene	0.18	U	200	200	171		169	
cis-1,3-Dichloropropene	0.18	U	200	200	179		176	
1,2-Dichlorobenzene	0.21	U	200	200	188		188	
Cyclohexane	15		200	200	141		130	
1,3-Dichlorobenzene	0.14	U	200	200	181		183	
1,4-Dichlorobenzene	0.23	U	200	200	185		184	
1,2,4-Trichlorobenzene	0.34	U	200	200	181		186	
Ethylbenzene	190		200	200	287	F	282	F
1,2,3-Trichlorobenzene	0.51	U	200	200	169		180	
Freon TF	0.080	U	200	200	125		125	
1,2-Dichloropropane	0.090	U	200	200	177		175	
Isopropylbenzene	200		200	200	298	F	296	F
Methyl acetate	0.34	U	200	200	189		185	
Methylcyclohexane	13		200	200	135		128	F
1,2-Dibromo-3-Chloropropane	0.40	U	200	200	210		213	
Methylene Chloride	0.18	U	200	200	172		168	
1,1,2,2-Tetrachloroethane	0.16	U	200	200	188		188	
MTBE	0.56	J	200	200	187		186	
1,1,2-Trichloroethane	0.19	U	200	200	183		182	
Dibromochloromethane	0.20	U	200	200	199		193	
Styrene	0.12	U	200	200	165		164	
1,2-Dibromoethane	0.28	U	200	200	181		184	
Tetrachloroethene	0.10	U	200	200	184		175	
Dichlorodifluoromethane	0.22	U	200	200	203		192	
Toluene	2.5		200	200	188		185	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151859

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-52448-A-3 MS	Units:	ug/L	MSD Lab Sample ID:	460-52448-A-3 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	03/20/2013 1658			Analysis Date:	03/20/2013 1721
Prep Date:	03/20/2013 1658			Prep Date:	03/20/2013 1721
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Bromochloromethane	0.27	U	200	200	168		167	
trans-1,2-Dichloroethene	0.13	U	200	200	162		164	
Bromodichloromethane	0.12	U	200	200	200		200	
trans-1,3-Dichloropropene	0.24	U	200	200	186		188	
Trichloroethene	0.090	U	200	200	185		178	
Trichlorofluoromethane	0.15	U	200	200	197		184	
Vinyl chloride	0.14	U	200	200	202		194	
Xylenes, Total	230		600	600	656	F	651	F

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151869 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-151869/4	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53543.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/20/2013 0631	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
2-Butanone	230	U	230	500
Acetone	270	U	270	500
Benzene	8.3	U	8.3	100
2-Hexanone	50	U	50	500
Bromoform	19	U	19	100
Bromomethane	18	U	18	100
Carbon disulfide	13	U	13	100
Carbon tetrachloride	5.7	U	5.7	100
Chlorobenzene	11	U	11	100
1,4-Dioxane	3600	U	3600	5000
Chloroethane	17	U	17	100
Chloroform	7.9	U	7.9	100
Chloromethane	9.7	U	9.7	100
cis-1,2-Dichloroethene	18	U	18	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
Cyclohexane	16	U	16	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
Ethylbenzene	9.6	U	9.6	100
1,2,3-Trichlorobenzene	51	U	51	100
Freon TF	8.2	U	8.2	100
Isopropylbenzene	7.7	U	7.7	100
1,2-Dichloropropane	8.6	U	8.6	100
Methyl acetate	34	U	34	200
Methylcyclohexane	14	U	14	100
Methylene Chloride	18	U	18	100
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100
MTBE	14	U	14	100
1,1,2-Trichloroethane	19	U	19	100
Styrene	12	U	12	100
Dibromochloromethane	20	U	20	100
Tetrachloroethene	9.7	U	9.7	100
1,2-Dibromoethane	28	U	28	100
Toluene	15	U	15	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
trans-1,2-Dichloroethene	13	U	13	100

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151869

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-151869/4	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53543.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/20/2013 0631	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	13	U	13	100
trans-1,3-Dichloropropene	24	U	24	100
Trichloroethene	9.2	U	9.2	100
Trichlorofluoromethane	15	U	15	100
Vinyl chloride	14	U	14	100
Xylenes, Total	36	U	36	300

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	75 - 135
Toluene-d8 (Surr)	97	59 - 150
Bromofluorobenzene	104	72 - 133

Method Blank TICs- Batch: 460-151869

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151869

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-151869/3	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53540.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/20/2013 0431	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-Dichloroethene	2000	1830	92	68 - 138	
1,1-Dichloroethane	2000	1990	100	79 - 119	
1,2-Dichloroethane	2000	2030	101	81 - 121	
1,1,1-Trichloroethane	2000	2070	103	78 - 118	
2-Butanone	2000	2090	105	70 - 139	
Acetone	2000	1740	87	48 - 177	
Benzene	2000	1990	100	71 - 118	
2-Hexanone	2000	2080	104	62 - 123	
Bromoform	2000	1890	95	76 - 133	
Bromomethane	2000	1940	97	58 - 154	
Carbon disulfide	2000	1940	97	70 - 120	
Carbon tetrachloride	2000	2080	104	64 - 130	
Chlorobenzene	2000	2090	105	69 - 124	
1,4-Dioxane	15000	17300	116	54 - 147	
Chloroethane	2000	1710	85	66 - 144	
Chloroform	2000	2040	102	81 - 122	
Chloromethane	2000	1930	96	52 - 144	
cis-1,2-Dichloroethene	2000	2050	102	78 - 118	
4-Methyl-2-pentanone	2000	2070	104	69 - 124	
cis-1,3-Dichloropropene	2000	2100	105	75 - 120	
1,2-Dichlorobenzene	2000	2130	107	83 - 123	
Cyclohexane	2000	2080	104	69 - 128	
1,3-Dichlorobenzene	2000	2140	107	83 - 123	
1,4-Dichlorobenzene	2000	2150	108	84 - 124	
1,2,4-Trichlorobenzene	2000	2240	112	62 - 144	
Ethylbenzene	2000	2120	106	78 - 124	
1,2,3-Trichlorobenzene	2000	2190	110	36 - 207	
Freon TF	2000	2080	104	50 - 128	
Isopropylbenzene	2000	2230	112	80 - 143	
1,2-Dichloropropane	2000	2050	103	78 - 118	
Methyl acetate	2000	1980	99	72 - 165	
Methylcyclohexane	2000	2080	104	80 - 134	
Methylene Chloride	2000	1720	86	78 - 118	
1,2-Dibromo-3-Chloropropane	2000	2290	115	62 - 127	
1,1,2,2-Tetrachloroethane	2000	2140	107	86 - 145	
MTBE	2000	2040	102	65 - 143	
1,1,2-Trichloroethane	2000	2060	103	77 - 120	
Styrene	2000	2200	110	73 - 126	
Dibromochloromethane	2000	2050	102	78 - 118	
Tetrachloroethene	2000	2130	106	78 - 136	
1,2-Dibromoethane	2000	2150	108	76 - 120	
Toluene	2000	2020	101	79 - 136	
Dichlorodifluoromethane	2000	1810	90	41 - 149	
Bromochloromethane	2000	2040	102	81 - 121	
trans-1,2-Dichloroethene	2000	1950	98	73 - 119	
Bromodichloromethane	2000	2000	100	78 - 118	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151869

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-151869/3	Analysis Batch:	460-151869	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53540.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/20/2013 0431	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	2000	2140	107	73 - 118	
Trichloroethene	2000	2020	101	82 - 122	
Trichlorofluoromethane	2000	1760	88	60 - 148	
Vinyl chloride	2000	1920	96	55 - 154	
Xylenes, Total	6000	6390	107	78 - 126	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	75 - 135
Toluene-d8 (Surr)	98	59 - 150
Bromofluorobenzene	105	72 - 133

Method Blank - Batch: 460-152022 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-152022/4	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53603.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/21/2013 0626	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
2-Butanone	230	U	230	500
Acetone	270	U	270	500
Benzene	8.3	U	8.3	100
2-Hexanone	50	U	50	500
Bromoform	19	U	19	100
Bromomethane	18	U	18	100
Carbon disulfide	13	U	13	100
Carbon tetrachloride	5.7	U	5.7	100
Chlorobenzene	11	U	11	100
1,4-Dioxane	3600	U	3600	5000
Chloroethane	17	U	17	100
Chloroform	7.9	U	7.9	100
Chloromethane	9.7	U	9.7	100
cis-1,2-Dichloroethene	18	U	18	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
Cyclohexane	16	U	16	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
Ethylbenzene	9.6	U	9.6	100
1,2,3-Trichlorobenzene	51	U	51	100
Freon TF	8.2	U	8.2	100
Isopropylbenzene	7.7	U	7.7	100
1,2-Dichloropropane	8.6	U	8.6	100
Methyl acetate	34	U	34	200
Methylcyclohexane	14	U	14	100
Methylene Chloride	18	U	18	100
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100
MTBE	14	U	14	100
1,1,2-Trichloroethane	19	U	19	100
Styrene	12	U	12	100
Dibromochloromethane	20	U	20	100
Tetrachloroethene	9.7	U	9.7	100
1,2-Dibromoethane	28	U	28	100
Toluene	15	U	15	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
trans-1,2-Dichloroethene	13	U	13	100

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152022

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152022/4	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53603.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/21/2013 0626	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	13	U	13	100
trans-1,3-Dichloropropene	24	U	24	100
Trichloroethene	9.2	U	9.2	100
Trichlorofluoromethane	15	U	15	100
Vinyl chloride	14	U	14	100
Xylenes, Total	36	U	36	300

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	75 - 135
Toluene-d8 (Surr)	95	59 - 150
Bromofluorobenzene	104	72 - 133

Method Blank TICs- Batch: 460-152022

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-152022

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-152022/3	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53599.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/21/2013 0453	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-Dichloroethene	2000	1730	86	68 - 138	
1,1-Dichloroethane	2000	1880	94	79 - 119	
1,2-Dichloroethane	2000	1830	92	81 - 121	
1,1,1-Trichloroethane	2000	1970	98	78 - 118	
2-Butanone	2000	1860	93	70 - 139	
Acetone	2000	1570	78	48 - 177	
Benzene	2000	1770	88	71 - 118	
2-Hexanone	2000	1870	94	62 - 123	
Bromoform	2000	1830	91	76 - 133	
Bromomethane	2000	2650	133	58 - 154	
Carbon disulfide	2000	2000	100	70 - 120	
Carbon tetrachloride	2000	2000	100	64 - 130	
Chlorobenzene	2000	1910	96	69 - 124	
1,4-Dioxane	15000	12000	80	54 - 147	
Chloroethane	2000	1690	85	66 - 144	
Chloroform	2000	1900	95	81 - 122	
Chloromethane	2000	1440	72	52 - 144	
cis-1,2-Dichloroethene	2000	1920	96	78 - 118	
4-Methyl-2-pentanone	2000	1860	93	69 - 124	
cis-1,3-Dichloropropene	2000	1880	94	75 - 120	
1,2-Dichlorobenzene	2000	1960	98	83 - 123	
Cyclohexane	2000	2180	109	69 - 128	
1,3-Dichlorobenzene	2000	1980	99	83 - 123	
1,4-Dichlorobenzene	2000	1980	99	84 - 124	
1,2,4-Trichlorobenzene	2000	2100	105	62 - 144	
Ethylbenzene	2000	1970	98	78 - 124	
1,2,3-Trichlorobenzene	2000	1990	100	36 - 207	
Freon TF	2000	2100	105	50 - 128	
Isopropylbenzene	2000	2090	105	80 - 143	
1,2-Dichloropropane	2000	1860	93	78 - 118	
Methyl acetate	2000	1850	92	72 - 165	
Methylcyclohexane	2000	2150	107	80 - 134	
Methylene Chloride	2000	1660	83	78 - 118	
1,2-Dibromo-3-Chloropropane	2000	2770	138	62 - 127	*
1,1,2,2-Tetrachloroethane	2000	1880	94	86 - 145	
MTBE	2000	1790	90	65 - 143	
1,1,2-Trichloroethane	2000	1840	92	77 - 120	
Styrene	2000	2060	103	73 - 126	
Dibromochloromethane	2000	1960	98	78 - 118	
Tetrachloroethene	2000	2020	101	78 - 136	
1,2-Dibromoethane	2000	1930	97	76 - 120	
Toluene	2000	1850	93	79 - 136	
Dichlorodifluoromethane	2000	1420	71	41 - 149	
Bromochloromethane	2000	1890	94	81 - 121	
trans-1,2-Dichloroethene	2000	1820	91	73 - 119	
Bromodichloromethane	2000	1880	94	78 - 118	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-152022

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-152022/3	Analysis Batch:	460-152022	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53599.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/21/2013 0453	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	2000	1940	97	73 - 118	
Trichloroethene	2000	1920	96	82 - 122	
Trichlorofluoromethane	2000	1680	84	60 - 148	
Vinyl chloride	2000	1520	76	55 - 154	
Xylenes, Total	6000	5970	100	78 - 126	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	75 - 135
Toluene-d8 (Surr)	96	59 - 150
Bromofluorobenzene	105	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152096

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52683-B-4-A MS	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-152096	Lab File ID:	b53638.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	4.06 g
Analysis Date:	03/22/2013 0355			Final Weight/Volume:	10 mL
Prep Date:	03/21/2013 1145				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52683-B-4-A MSD	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-152096	Lab File ID:	b53639.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	4.06 g
Analysis Date:	03/22/2013 0417			Final Weight/Volume:	10 mL
Prep Date:	03/21/2013 1145				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	63	79	68 - 138	23	30	F	
1,1-Dichloroethane	86	89	79 - 119	4	30		
1,2-Dichloroethane	89	88	81 - 121	1	30		
1,1,1-Trichloroethane	87	92	78 - 118	4	30		
2-Butanone	94	94	70 - 139	1	30		
Acetone	60	71	48 - 177	16	30		
Benzene	87	88	71 - 118	0	30		
2-Hexanone	90	91	62 - 123	1	30		
Bromoform	76	77	76 - 133	2	30		
Bromomethane	58	57	58 - 164	1	30		F
Carbon disulfide	70	74	70 - 120	6	30		
Carbon tetrachloride	85	89	64 - 130	4	30		
1,4-Dioxane	82	92	54 - 147	11	30		
Chlorobenzene	96	97	69 - 124	1	30		
Chloroethane	55	66	66 - 144	19	30	F	
Chloroform	92	93	81 - 122	1	30		
Chloromethane	83	83	52 - 144	1	30		
4-Methyl-2-pentanone	88	90	69 - 124	2	30		
cis-1,2-Dichloroethene	90	94	78 - 118	4	30		
cis-1,3-Dichloropropene	85	84	75 - 120	1	30		
1,2-Dichlorobenzene	100	96	83 - 123	2	30		
Cyclohexane	92	94	69 - 128	2	30		
1,3-Dichlorobenzene	96	97	83 - 123	1	30		
1,4-Dichlorobenzene	98	98	84 - 124	0	30		
1,2,4-Trichlorobenzene	100	101	62 - 144	1	30		
Ethylbenzene	98	98	78 - 124	1	30		
1,2,3-Trichlorobenzene	87	88	36 - 207	1	30		
Freon TF	85	77	50 - 128	9	30		
1,2-Dichloropropane	91	93	78 - 118	2	30		
Isopropylbenzene	102	105	80 - 143	2	30		
Methyl acetate	77	81	72 - 165	4	30		
Methylcyclohexane	86	93	80 - 134	7	30		
1,2-Dibromo-3-Chloropropane	100	101	62 - 127	1	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152096

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52683-B-4-A MS	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-152096	Lab File ID:	b53638.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	4.06 g
Analysis Date:	03/22/2013 0355			Final Weight/Volume:	10 mL
Prep Date:	03/21/2013 1145				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52683-B-4-A MSD	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-152096	Lab File ID:	b53639.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	4.06 g
Analysis Date:	03/22/2013 0417			Final Weight/Volume:	10 mL
Prep Date:	03/21/2013 1145				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	70	74	78 - 118	5	30	F	F
1,1,2,2-Tetrachloroethane	91	90	86 - 145	1	30		
MTBE	92	92	65 - 143	0	30		
1,1,2-Trichloroethane	151	156	77 - 120	3	30	F	F
Dibromochloromethane	83	84	78 - 118	2	30		
Styrene	98	99	73 - 126	2	30		
1,2-Dibromoethane	91	93	76 - 120	2	30		
Tetrachloroethene	188	282	78 - 136	3	30	4	4
Dichlorodifluoromethane	75	81	41 - 149	7	30		
Toluene	89	91	79 - 136	2	30		
Bromochloromethane	92	91	81 - 121	1	30		
trans-1,2-Dichloroethene	82	81	73 - 119	0	30		
Bromodichloromethane	86	87	78 - 118	1	30		
trans-1,3-Dichloropropene	83	85	73 - 118	3	30		
Trichloroethene	88	92	82 - 122	3	30		
Trichlorofluoromethane	60	66	60 - 148	9	30		
Vinyl chloride	85	86	55 - 154	1	30		
Xylenes, Total	97	100	78 - 126	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	97	75 - 135
Toluene-d8 (Surr)	92	94	59 - 150
Bromofluorobenzene	101	101	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152096

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52683-B-4-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52683-B-4-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/22/2013 0355			Analysis Date:	03/22/2013 0417
Prep Date:	03/21/2013 1145			Prep Date:	03/21/2013 1145
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1-Dichloroethene	50	U	2830	2830	1780	F	2240	
1,1-Dichloroethane	74	U	2830	2830	2430		2530	
1,2-Dichloroethane	110	U	2830	2830	2530		2500	
1,1,1-Trichloroethane	490	J	2830	2830	2970		3100	
2-Butanone	1300	U	2830	2830	2670		2650	
Acetone	1500	U	2830	2830	1700		2000	
Benzene	47	U	2830	2830	2480		2480	
2-Hexanone	280	U	2830	2830	2540		2570	
Bromoform	110	U	2830	2830	2140		2180	
Bromomethane	100	U	2830	2830	1650		1630	F
Carbon disulfide	71	U	2830	2830	1980		2110	
Carbon tetrachloride	32	U	2830	2830	2400		2510	
1,4-Dioxane	20000	U	21300	21300	17400		19500	
Chlorobenzene	650		2830	2830	3370		3400	
Chloroethane	96	U	2830	2830	1560	F	1880	
Chloroform	45	U	2830	2830	2610		2630	
Chloromethane	55	U	2830	2830	2340		2360	
4-Methyl-2-pentanone	560	U	2830	2830	2500		2540	
cis-1,2-Dichloroethene	420	J	2830	2830	2980		3090	
cis-1,3-Dichloropropene	100	U	2830	2830	2400		2390	
1,2-Dichlorobenzene	2400		2830	2830	5200		5080	
Cyclohexane	90	U	2830	2830	2600		2660	
1,3-Dichlorobenzene	150	J	2830	2830	2870		2890	
1,4-Dichlorobenzene	430	J	2830	2830	3200		3190	
1,2,4-Trichlorobenzene	190	U	2830	2830	2820		2850	
Ethylbenzene	54	U	2830	2830	2770		2790	
1,2,3-Trichlorobenzene	290	U	2830	2830	2480		2500	
Freon TF	46	U	2830	2830	2400		2190	
1,2-Dichloropropane	49	U	2830	2830	2580		2630	
Isopropylbenzene	43	U	2830	2830	2890		2960	
Methyl acetate	190	U	2830	2830	2190		2290	
Methylcyclohexane	77	U	2830	2830	2440		2620	
1,2-Dibromo-3-Chloropropane	230	U	2830	2830	2850		2880	
Methylene Chloride	420	J	2830	2830	2400	F	2530	F
1,1,2,2-Tetrachloroethane	89	U	2830	2830	2580		2550	
MTBE	78	U	2830	2830	2600		2600	
1,1,2-Trichloroethane	110	U	2830	2830	4280	F	4410	F
Dibromochloromethane	110	U	2830	2830	2340		2390	
Styrene	67	U	2830	2830	2770		2820	
1,2-Dibromoethane	160	U	2830	2830	2590		2640	
Tetrachloroethene	93000		2830	2830	98800	4	101000	4
Dichlorodifluoromethane	120	U	2830	2830	2140		2300	
Toluene	97	J	2830	2830	2620		2670	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152096

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52683-B-4-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52683-B-4-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/22/2013 0355			Analysis Date:	03/22/2013 0417
Prep Date:	03/21/2013 1145			Prep Date:	03/21/2013 1145
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromochloromethane	150	U	2830	2830	2610	2570
trans-1,2-Dichloroethene	73	U	2830	2830	2320	2310
Bromodichloromethane	71	U	2830	2830	2430	2460
trans-1,3-Dichloropropene	140	U	2830	2830	2360	2420
Trichloroethene	960		2830	2830	3440	3550
Trichlorofluoromethane	83	U	2830	2830	1710	1870
Vinyl chloride	82	U	2830	2830	2410	2430
Xylenes, Total	200	U	8500	8500	8210	8470

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152224

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152224/4	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53632.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/22/2013 0125	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
2-Butanone	230	U	230	500
Acetone	270	U	270	500
Benzene	8.3	U	8.3	100
2-Hexanone	50	U	50	500
Bromoform	19	U	19	100
Bromomethane	18	U	18	100
Carbon disulfide	13	U	13	100
Carbon tetrachloride	5.7	U	5.7	100
Chlorobenzene	11	U	11	100
1,4-Dioxane	3600	U	3600	5000
Chloroethane	17	U	17	100
Chloroform	7.9	U	7.9	100
Chloromethane	9.7	U	9.7	100
cis-1,2-Dichloroethene	18	U	18	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
Cyclohexane	16	U	16	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
Ethylbenzene	9.6	U	9.6	100
1,2,3-Trichlorobenzene	51	U	51	100
Freon TF	8.2	U	8.2	100
Isopropylbenzene	7.7	U	7.7	100
1,2-Dichloropropane	8.6	U	8.6	100
Methyl acetate	34	U	34	200
Methylcyclohexane	14	U	14	100
Methylene Chloride	18	U	18	100
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100
MTBE	14	U	14	100
1,1,2-Trichloroethane	19	U	19	100
Styrene	12	U	12	100
Dibromochloromethane	20	U	20	100
Tetrachloroethene	9.7	U	9.7	100
1,2-Dibromoethane	28	U	28	100
Toluene	15	U	15	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
trans-1,2-Dichloroethene	13	U	13	100

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152224

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152224/4	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53632.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/22/2013 0125	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	13	U	13	100
trans-1,3-Dichloropropene	24	U	24	100
Trichloroethene	9.2	U	9.2	100
Trichlorofluoromethane	15	U	15	100
Vinyl chloride	14	U	14	100
Xylenes, Total	36	U	36	300

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	75 - 135
Toluene-d8 (Surr)	93	59 - 150
Bromofluorobenzene	106	72 - 133

Method Blank TICs- Batch: 460-152224

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-152224

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-152224/3	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53630.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/22/2013 0040	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-Dichloroethene	2000	1720	86	68 - 138	
1,1-Dichloroethane	2000	1820	91	79 - 119	
1,2-Dichloroethane	2000	1750	88	81 - 121	
1,1,1-Trichloroethane	2000	1920	96	78 - 118	
2-Butanone	2000	2060	103	70 - 139	
Acetone	2000	1710	86	48 - 177	
Benzene	2000	1730	86	71 - 118	
2-Hexanone	2000	1960	98	62 - 123	
Bromoform	2000	1770	89	76 - 133	
Bromomethane	2000	2050	103	58 - 154	
Carbon disulfide	2000	1990	99	70 - 120	
Carbon tetrachloride	2000	1940	97	64 - 130	
Chlorobenzene	2000	1880	94	69 - 124	
1,4-Dioxane	15000	14300	95	54 - 147	
Chloroethane	2000	1910	95	66 - 144	
Chloroform	2000	1850	93	81 - 122	
Chloromethane	2000	1800	90	52 - 144	
cis-1,2-Dichloroethene	2000	1790	89	78 - 118	
4-Methyl-2-pentanone	2000	1920	96	69 - 124	
cis-1,3-Dichloropropene	2000	1800	90	75 - 120	
1,2-Dichlorobenzene	2000	1900	95	83 - 123	
Cyclohexane	2000	2100	105	69 - 128	
1,3-Dichlorobenzene	2000	1890	94	83 - 123	
1,4-Dichlorobenzene	2000	1920	96	84 - 124	
1,2,4-Trichlorobenzene	2000	2000	100	62 - 144	
Ethylbenzene	2000	1970	98	78 - 124	
1,2,3-Trichlorobenzene	2000	1890	94	36 - 207	
Freon TF	2000	2340	117	50 - 128	
Isopropylbenzene	2000	2080	104	80 - 143	
1,2-Dichloropropane	2000	1820	91	78 - 118	
Methyl acetate	2000	1940	97	72 - 165	
Methylcyclohexane	2000	2160	108	80 - 134	
Methylene Chloride	2000	2040	102	78 - 118	
1,2-Dibromo-3-Chloropropane	2000	2010	101	62 - 127	
1,1,2,2-Tetrachloroethane	2000	1770	89	86 - 145	
MTBE	2000	1970	99	65 - 143	
1,1,2-Trichloroethane	2000	1760	88	77 - 120	
Styrene	2000	1990	99	73 - 126	
Dibromochloromethane	2000	1870	93	78 - 118	
Tetrachloroethene	2000	2020	101	78 - 136	
1,2-Dibromoethane	2000	1860	93	76 - 120	
Toluene	2000	1800	90	79 - 136	
Dichlorodifluoromethane	2000	1680	84	41 - 149	
Bromochloromethane	2000	1850	92	81 - 121	
trans-1,2-Dichloroethene	2000	1810	91	73 - 119	
Bromodichloromethane	2000	1830	92	78 - 118	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-152224

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-152224/3	Analysis Batch:	460-152224	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53630.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/22/2013 0040	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	2000	1800	90	73 - 118	
Trichloroethene	2000	1890	94	82 - 122	
Trichlorofluoromethane	2000	1750	88	60 - 148	
Vinyl chloride	2000	1870	93	55 - 154	
Xylenes, Total	6000	5830	97	78 - 126	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	75 - 135
Toluene-d8 (Surr)	93	59 - 150
Bromofluorobenzene	103	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152364

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52802-A-2-A MS	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-152364	Lab File ID:	b53773.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.234 g
Analysis Date:	03/25/2013 0727			Final Weight/Volume:	5 mL
Prep Date:	03/22/2013 1659				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52802-A-2-A MSD	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-152364	Lab File ID:	b53774.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.234 g
Analysis Date:	03/25/2013 0750			Final Weight/Volume:	5 mL
Prep Date:	03/22/2013 1659				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	86	103	68 - 138	18	30		
1,1-Dichloroethane	87	88	79 - 119	1	30		
1,2-Dichloroethane	87	89	81 - 121	2	30		
1,1,1-Trichloroethane	93	93	78 - 118	0	30		
2-Butanone	92	93	70 - 139	1	30		
Acetone	81	75	48 - 177	8	30		
Benzene	83	84	71 - 118	1	30		
2-Hexanone	71	73	62 - 123	3	30		
Bromoform	78	78	76 - 133	0	30		
Bromomethane	66	70	58 - 164	6	30		
Carbon disulfide	70	70	70 - 120	1	30		
Carbon tetrachloride	92	90	64 - 130	2	30		
1,4-Dioxane	106	102	54 - 147	4	30		
Chlorobenzene	99	99	69 - 124	0	30		
Chloroethane	51	76	66 - 144	39	30	F	F
Chloroform	93	92	81 - 122	1	30		
Chloromethane	83	81	52 - 144	3	30		
4-Methyl-2-pentanone	77	81	69 - 124	5	30		
cis-1,2-Dichloroethene	94	93	78 - 118	0	30		
cis-1,3-Dichloropropene	82	83	75 - 120	1	30		
1,2-Dichlorobenzene	100	100	83 - 123	0	30		
Cyclohexane	99	98	69 - 128	1	30		
1,3-Dichlorobenzene	99	98	83 - 123	1	30		
1,4-Dichlorobenzene	99	100	84 - 124	1	30		
1,2,4-Trichlorobenzene	109	109	62 - 144	1	30		
Ethylbenzene	102	101	78 - 124	1	30		
1,2,3-Trichlorobenzene	112	110	36 - 207	2	30		
Freon TF	95	124	50 - 128	27	30		
1,2-Dichloropropane	92	92	78 - 118	1	30		
Isopropylbenzene	107	106	80 - 143	0	30		
Methyl acetate	81	78	72 - 165	4	30		
Methylcyclohexane	99	99	80 - 134	1	30		
1,2-Dibromo-3-Chloropropane	88	92	62 - 127	4	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152364

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52802-A-2-A MS	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-152364	Lab File ID:	b53773.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.234 g
Analysis Date:	03/25/2013 0727			Final Weight/Volume:	5 mL
Prep Date:	03/22/2013 1659				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52802-A-2-A MSD	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	460-152364	Lab File ID:	b53774.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.234 g
Analysis Date:	03/25/2013 0750			Final Weight/Volume:	5 mL
Prep Date:	03/22/2013 1659				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	79	82	78 - 118	4	30		
1,1,2,2-Tetrachloroethane	84	86	86 - 145	2	30	F	
MTBE	91	91	65 - 143	1	30		
1,1,2-Trichloroethane	87	87	77 - 120	0	30		
Dibromochloromethane	82	84	78 - 118	2	30		
Styrene	102	101	73 - 126	1	30		
1,2-Dibromoethane	89	93	76 - 120	4	30		
Tetrachloroethene	103	101	78 - 136	3	30		
Dichlorodifluoromethane	80	84	41 - 149	5	30		
Toluene	89	88	79 - 136	1	30		
Bromochloromethane	96	94	81 - 121	2	30		
trans-1,2-Dichloroethene	84	88	73 - 119	5	30		
Bromodichloromethane	87	86	78 - 118	1	30		
trans-1,3-Dichloropropene	81	82	73 - 118	1	30		
Trichloroethene	95	94	82 - 122	1	30		
Trichlorofluoromethane	70	73	60 - 148	4	30		
Vinyl chloride	88	89	55 - 154	1	30		
Xylenes, Total	103	103	78 - 126	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	90	75 - 135
Toluene-d8 (Surr)	88	84	59 - 150
Bromofluorobenzene	106	101	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152364

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52802-A-2-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52802-A-2-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/25/2013 0727			Analysis Date:	03/25/2013 0750
Prep Date:	03/22/2013 1659			Prep Date:	03/22/2013 1659
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1-Dichloroethene	3.4	U	775	775	668		802	
1,1-Dichloroethane	5.1	U	775	775	673		678	
1,2-Dichloroethane	7.3	U	775	775	675		686	
1,1,1-Trichloroethane	2.4	U	775	775	719		720	
2-Butanone	90	U	775	775	713		717	
Acetone	100	U	775	775	628		581	
Benzene	3.2	U	775	775	647		650	
2-Hexanone	19	U	775	775	552		566	
Bromoform	7.4	U	775	775	602		602	
Bromomethane	7.0	U	775	775	512		543	
Carbon disulfide	4.9	U	775	775	546		539	
Carbon tetrachloride	2.2	U	775	775	714		699	
1,4-Dioxane	1400	U	5810	5810	6160		5910	
Chlorobenzene	4.3	U	775	775	766		768	
Chloroethane	6.6	U	775	775	394	F	586	F
Chloroform	3.0	U	775	775	723		716	
Chloromethane	3.8	U	775	775	644		625	
4-Methyl-2-pentanone	38	U	775	775	597		629	
cis-1,2-Dichloroethene	6.9	U	775	775	726		724	
cis-1,3-Dichloropropene	7.1	U	775	775	635		641	
1,2-Dichlorobenzene	7.9	U	775	775	772		773	
Cyclohexane	6.1	U	775	775	764		758	
1,3-Dichlorobenzene	5.2	U	775	775	771		762	
1,4-Dichlorobenzene	9.0	U	775	775	769		778	
1,2,4-Trichlorobenzene	13	U	775	775	841		848	
Ethylbenzene	3.7	U	775	775	788		779	
1,2,3-Trichlorobenzene	20	U	775	775	867		849	
Freon TF	3.2	U	775	775	734		961	
1,2-Dichloropropane	3.3	U	775	775	715		710	
Isopropylbenzene	3.0	U	775	775	826		824	
Methyl acetate	13	U	775	775	630		602	
Methylcyclohexane	5.2	U	775	775	764		768	
1,2-Dibromo-3-Chloropropane	15	U	775	775	682		711	
Methylene Chloride	7.1	U	775	775	614		639	
1,1,2,2-Tetrachloroethane	6.1	U	775	775	649	F	663	
MTBE	5.3	U	775	775	705		708	
1,1,2-Trichloroethane	7.3	U	775	775	675		675	
Dibromochloromethane	7.7	U	775	775	637		653	
Styrene	4.6	U	775	775	790		784	
1,2-Dibromoethane	11	U	775	775	693		721	
Tetrachloroethene	3.8	U	775	775	801		781	
Dichlorodifluoromethane	8.3	U	775	775	623		652	
Toluene	5.8	U	775	775	692		683	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152364

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-52802-A-2-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	03/25/2013 0727		
Prep Date:	03/22/2013 1659		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52802-A-2-A MSD
Client Matrix:	Solid
Dilution:	100
Analysis Date:	03/25/2013 0750
Prep Date:	03/22/2013 1659
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromochloromethane	11	U	775	775	740	729
trans-1,2-Dichloroethene	5.0	U	775	775	649	684
Bromodichloromethane	4.8	U	775	775	673	668
trans-1,3-Dichloropropene	9.4	U	775	775	628	635
Trichloroethene	3.6	U	775	775	734	726
Trichlorofluoromethane	5.7	U	775	775	546	567
Vinyl chloride	5.6	U	775	775	682	688
Xylenes, Total	14	U	2320	2320	2400	2400

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152371

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152371/10	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30793.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 1407	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
2-Butanone	0.63	U	0.63	10
Acetone	4.40	J	1.7	10
Benzene	0.15	U	0.15	1.0
2-Hexanone	0.13	U	0.13	10
Bromoform	0.17	U	0.17	1.0
Bromomethane	0.43	U	0.43	1.0
Carbon disulfide	0.15	U	0.15	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Chlorobenzene	0.18	U	0.18	1.0
1,4-Dioxane	13	U	13	50
Chloroethane	0.33	U	0.33	1.0
Chloroform	0.24	U	0.24	1.0
Chloromethane	0.16	U	0.16	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	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
Cyclohexane	0.13	U	0.13	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
Ethylbenzene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Freon TF	0.11	U	0.11	1.0
Isopropylbenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methyl acetate	0.32	U	0.32	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Methylene Chloride	2.29		0.15	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
MTBE	0.11	U	0.11	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Styrene	0.28	U	0.28	1.0
Dibromochloromethane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Toluene	0.14	U	0.14	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152371

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152371/10	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30793.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 1407	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	0.32	U	0.32	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Trichloroethene	0.12	U	0.12	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Vinyl chloride	0.34	U	0.34	1.0
Xylenes, Total	0.67	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	70 - 130
Toluene-d8 (Surr)	92	70 - 130
Bromofluorobenzene	93	70 - 130

Method Blank TICs- Batch: 460-152371

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-152371

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152371/16	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30789a.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 1236	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-152371/20	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30790.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 1258	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
1,1-Dichloroethene	95	112	71 - 126	16	30		
1,1-Dichloroethane	92	112	76 - 125	19	30		
1,2-Dichloroethane	89	111	76 - 118	22	30		
1,1,1-Trichloroethane	93	113	78 - 117	19	30		
2-Butanone	115	101	77 - 117	13	30		
Acetone	67	86	27 - 164	25	30		
Benzene	94	112	77 - 117	17	30		
2-Hexanone	114	130	70 - 122	13	30		*
Bromoform	90	109	59 - 125	19	30		
Bromomethane	84	104	54 - 142	22	30		
Carbon disulfide	90	115	72 - 128	24	30		
Carbon tetrachloride	94	112	79 - 118	18	30		
1,4-Dioxane	107	108	69 - 131	1	30		
Chlorobenzene	91	109	80 - 120	19	30		
Chloroethane	83	98	56 - 146	17	30		
Chloroform	93	112	77 - 120	19	30		
Chloromethane	71	86	50 - 151	18	30		
4-Methyl-2-pentanone	102	115	68 - 120	12	30		
cis-1,2-Dichloroethene	93	110	80 - 120	17	30		
cis-1,3-Dichloropropene	90	110	80 - 123	20	30		
1,2-Dichlorobenzene	93	107	80 - 120	14	30		
Cyclohexane	91	113	80 - 121	22	30		
1,3-Dichlorobenzene	93	110	80 - 120	17	30		
1,4-Dichlorobenzene	94	107	80 - 120	13	30		
1,2,4-Trichlorobenzene	88	108	80 - 120	21	30		
Ethylbenzene	93	111	81 - 121	17	30		
1,2,3-Trichlorobenzene	87	113	75 - 121	26	30		
Freon TF	95	123	73 - 123	26	30		
1,2-Dichloropropane	93	115	82 - 122	21	30		
Isopropylbenzene	96	114	65 - 129	17	30		
Methyl acetate	88	119	73 - 137	30	30		
Methylcyclohexane	92	115	78 - 118	22	30		
1,2-Dibromo-3-Chloropropane	82	97	74 - 118	17	30		
Methylene Chloride	126	127	74 - 137	0	30		
1,1,2,2-Tetrachloroethane	89	101	79 - 122	13	30		
MTBE	91	117	78 - 120	25	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-152371

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152371/16	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30789a.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 1236	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-152371/20	Analysis Batch:	460-152371	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30790.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 1258	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
1,1,2-Trichloroethane	88	110	73 - 118	22	30		
Dibromochloromethane	93	111	68 - 120	18	30		
Styrene	93	112	82 - 122	18	30		
1,2-Dibromoethane	93	110	75 - 117	17	30		
Tetrachloroethene	96	112	80 - 120	15	30		
Dichlorodifluoromethane	82	101	52 - 144	20	30		
Toluene	92	109	75 - 115	17	30		
Bromochloromethane	95	110	74 - 125	15	30		
trans-1,2-Dichloroethene	94	113	75 - 122	17	30		
Bromodichloromethane	93	112	79 - 119	19	30		
trans-1,3-Dichloropropene	87	107	67 - 121	21	30		
Trichloroethene	95	111	79 - 119	16	30		
Trichlorofluoromethane	87	109	61 - 139	22	30		
Vinyl chloride	78	95	67 - 133	19	30		
Xylenes, Total	94	112	82 - 122	18	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	111	70 - 130
Toluene-d8 (Surr)	93	112	70 - 130
Bromofluorobenzene	93	107	70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-152371

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152371/16	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-152371/20
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 1236			Analysis Date:	03/22/2013 1258
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	
1,1-Dichloroethene	20.0	20.0	19.1	22.5	
1,1-Dichloroethane	20.0	20.0	18.5	22.4	
1,2-Dichloroethane	20.0	20.0	17.7	22.1	
1,1,1-Trichloroethane	20.0	20.0	18.7	22.6	
2-Butanone	20.0	20.0	23.1	20.3	
Acetone	20.0	20.0	13.4	17.2	
Benzene	20.0	20.0	18.8	22.4	
2-Hexanone	20.0	20.0	22.8	26.0	*
Bromoform	20.0	20.0	18.0	21.8	
Bromomethane	20.0	20.0	16.8	20.9	
Carbon disulfide	20.0	20.0	18.0	22.9	
Carbon tetrachloride	20.0	20.0	18.8	22.4	
1,4-Dioxane	150	150	160	161	
Chlorobenzene	20.0	20.0	18.1	21.8	
Chloroethane	20.0	20.0	16.5	19.5	
Chloroform	20.0	20.0	18.7	22.5	
Chloromethane	20.0	20.0	14.3	17.1	
4-Methyl-2-pentanone	20.0	20.0	20.4	22.9	
cis-1,2-Dichloroethene	20.0	20.0	18.6	22.1	
cis-1,3-Dichloropropene	20.0	20.0	17.9	22.0	
1,2-Dichlorobenzene	20.0	20.0	18.5	21.4	
Cyclohexane	20.0	20.0	18.2	22.6	
1,3-Dichlorobenzene	20.0	20.0	18.6	22.0	
1,4-Dichlorobenzene	20.0	20.0	18.9	21.5	
1,2,4-Trichlorobenzene	20.0	20.0	17.5	21.5	
Ethylbenzene	20.0	20.0	18.7	22.1	
1,2,3-Trichlorobenzene	20.0	20.0	17.4	22.6	
Freon TF	20.0	20.0	19.0	24.5	
1,2-Dichloropropane	20.0	20.0	18.5	23.0	
Isopropylbenzene	20.0	20.0	19.3	22.8	
Methyl acetate	20.0	20.0	17.6	23.8	
Methylcyclohexane	20.0	20.0	18.3	22.9	
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.3	19.4	
Methylene Chloride	20.0	20.0	25.3	25.4	
1,1,2,2-Tetrachloroethane	20.0	20.0	17.8	20.3	
MTBE	20.0	20.0	18.1	23.4	
1,1,2-Trichloroethane	20.0	20.0	17.7	22.0	
Dibromochloromethane	20.0	20.0	18.6	22.3	
Styrene	20.0	20.0	18.6	22.3	

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-152371

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152371/16	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-152371/20
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 1236			Analysis Date:	03/22/2013 1258
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-Dibromoethane	20.0	20.0	18.5	22.0
Tetrachloroethene	20.0	20.0	19.3	22.4
Dichlorodifluoromethane	20.0	20.0	16.5	20.1
Toluene	20.0	20.0	18.4	21.8
Bromochloromethane	20.0	20.0	18.9	22.0
trans-1,2-Dichloroethene	20.0	20.0	18.9	22.5
Bromodichloromethane	20.0	20.0	18.5	22.4
trans-1,3-Dichloropropene	20.0	20.0	17.5	21.5
Trichloroethene	20.0	20.0	19.0	22.2
Trichlorofluoromethane	20.0	20.0	17.4	21.7
Vinyl chloride	20.0	20.0	15.6	19.0
Xylenes, Total	60.0	60.0	56.1	67.2

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152393

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152393/5	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30813.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2013 0005	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
2-Butanone	0.63	U	0.63	10
Acetone	2.94	J	1.7	10
Benzene	0.15	U	0.15	1.0
2-Hexanone	0.13	U	0.13	10
Bromoform	0.17	U	0.17	1.0
Bromomethane	0.43	U	0.43	1.0
Carbon disulfide	0.15	U	0.15	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Chlorobenzene	0.18	U	0.18	1.0
1,4-Dioxane	13	U	13	50
Chloroethane	0.33	U	0.33	1.0
Chloroform	0.24	U	0.24	1.0
Chloromethane	0.16	U	0.16	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	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
Cyclohexane	0.13	U	0.13	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
Ethylbenzene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Freon TF	0.11	U	0.11	1.0
Isopropylbenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methyl acetate	0.32	U	0.32	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Methylene Chloride	2.71		0.15	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
MTBE	0.11	U	0.11	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Styrene	0.28	U	0.28	1.0
Dibromochloromethane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Toluene	0.14	U	0.14	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152393

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152393/5	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30813.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2013 0005	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	0.32	U	0.32	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Trichloroethene	0.12	U	0.12	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Vinyl chloride	0.34	U	0.34	1.0
Xylenes, Total	0.67	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 130
Toluene-d8 (Surr)	84	70 - 130
Bromofluorobenzene	85	70 - 130

Method Blank TICs- Batch: 460-152393

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-152393

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152393/14	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30809.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 2218	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-152393/4	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30810.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 2241	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
1,1-Dichloroethene	85	89	71 - 126	5	30		
1,1-Dichloroethane	89	90	76 - 125	0	30		
1,2-Dichloroethane	94	93	76 - 118	1	30		
1,1,1-Trichloroethane	91	92	78 - 117	1	30		
2-Butanone	81	113	77 - 117	33	30		*
Acetone	58	62	27 - 164	7	30		
Benzene	91	92	77 - 117	1	30		
2-Hexanone	82	84	70 - 122	2	30		
Bromoform	91	95	59 - 125	5	30		
Bromomethane	88	90	54 - 142	2	30		
Carbon disulfide	81	81	72 - 128	0	30		
Carbon tetrachloride	88	88	79 - 118	1	30		
1,4-Dioxane	92	88	69 - 131	5	30		
Chlorobenzene	91	91	80 - 120	1	30		
Chloroethane	87	91	56 - 146	4	30		
Chloroform	92	94	77 - 120	3	30		
Chloromethane	74	74	50 - 151	0	30		
4-Methyl-2-pentanone	91	95	68 - 120	4	30		
cis-1,2-Dichloroethene	91	93	80 - 120	2	30		
cis-1,3-Dichloropropene	89	93	80 - 123	5	30		
1,2-Dichlorobenzene	88	89	80 - 120	1	30		
Cyclohexane	79	80	80 - 121	0	30	*	
1,3-Dichlorobenzene	87	89	80 - 120	2	30		
1,4-Dichlorobenzene	91	89	80 - 120	2	30		
1,2,4-Trichlorobenzene	87	89	80 - 120	3	30		
Ethylbenzene	90	89	81 - 121	1	30		
1,2,3-Trichlorobenzene	91	92	75 - 121	1	30		
Freon TF	89	85	73 - 123	4	30		
1,2-Dichloropropane	90	95	82 - 122	6	30		
Isopropylbenzene	92	92	65 - 129	0	30		
Methyl acetate	94	96	73 - 137	2	30		
Methylcyclohexane	83	82	78 - 118	1	30		
1,2-Dibromo-3-Chloropropane	87	89	74 - 118	3	30		
Methylene Chloride	109	114	74 - 137	4	30		
1,1,2,2-Tetrachloroethane	84	85	79 - 122	1	30		
MTBE	91	92	78 - 120	1	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-152393

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152393/14	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30809.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 2218	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-152393/4	Analysis Batch:	460-152393	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30810.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 2241	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
1,1,2-Trichloroethane	92	90	73 - 118	2	30		
Dibromochloromethane	91	94	68 - 120	3	30		
Styrene	92	94	82 - 122	2	30		
1,2-Dibromoethane	90	94	75 - 117	5	30		
Tetrachloroethene	89	91	80 - 120	3	30		
Dichlorodifluoromethane	77	83	52 - 144	7	30		
Toluene	87	88	75 - 115	1	30		
Bromochloromethane	93	94	74 - 125	1	30		
trans-1,2-Dichloroethene	88	93	75 - 122	5	30		
Bromodichloromethane	94	96	79 - 119	2	30		
trans-1,3-Dichloropropene	92	90	67 - 121	2	30		
Trichloroethene	93	92	79 - 119	1	30		
Trichlorofluoromethane	87	90	61 - 139	3	30		
Vinyl chloride	73	77	67 - 133	5	30		
Xylenes, Total	91	92	82 - 122	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	90	70 - 130
Toluene-d8 (Surr)	93	92	70 - 130
Bromofluorobenzene	88	91	70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-152393

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152393/14	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-152393/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 2218			Analysis Date:	03/22/2013 2241
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
1,1-Dichloroethene	20.0	20.0	16.9	17.8
1,1-Dichloroethane	20.0	20.0	17.9	17.9
1,2-Dichloroethane	20.0	20.0	18.8	18.6
1,1,1-Trichloroethane	20.0	20.0	18.2	18.4
2-Butanone	20.0	20.0	16.1	22.6 *
Acetone	20.0	20.0	11.6	12.5
Benzene	20.0	20.0	18.3	18.4
2-Hexanone	20.0	20.0	16.4	16.7
Bromoform	20.0	20.0	18.2	19.1
Bromomethane	20.0	20.0	17.7	18.0
Carbon disulfide	20.0	20.0	16.2	16.3
Carbon tetrachloride	20.0	20.0	17.5	17.7
1,4-Dioxane	150	150	138	131
Chlorobenzene	20.0	20.0	18.1	18.3
Chloroethane	20.0	20.0	17.3	18.1
Chloroform	20.0	20.0	18.3	18.8
Chloromethane	20.0	20.0	14.9	14.9
4-Methyl-2-pentanone	20.0	20.0	18.3	18.9
cis-1,2-Dichloroethene	20.0	20.0	18.2	18.6
cis-1,3-Dichloropropene	20.0	20.0	17.7	18.7
1,2-Dichlorobenzene	20.0	20.0	17.5	17.7
Cyclohexane	20.0	20.0	15.9 *	15.9
1,3-Dichlorobenzene	20.0	20.0	17.3	17.7
1,4-Dichlorobenzene	20.0	20.0	18.2	17.9
1,2,4-Trichlorobenzene	20.0	20.0	17.4	17.9
Ethylbenzene	20.0	20.0	18.0	17.8
1,2,3-Trichlorobenzene	20.0	20.0	18.2	18.3
Freon TF	20.0	20.0	17.7	17.0
1,2-Dichloropropane	20.0	20.0	18.0	19.0
Isopropylbenzene	20.0	20.0	18.4	18.4
Methyl acetate	20.0	20.0	18.7	19.1
Methylcyclohexane	20.0	20.0	16.6	16.4
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.4	17.9
Methylene Chloride	20.0	20.0	21.8	22.8
1,1,2,2-Tetrachloroethane	20.0	20.0	16.7	17.0
MTBE	20.0	20.0	18.2	18.5
1,1,2-Trichloroethane	20.0	20.0	18.4	18.0
Dibromochloromethane	20.0	20.0	18.2	18.8
Styrene	20.0	20.0	18.3	18.8

Client: Antea USA, Inc.

Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-152393

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152393/14	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-152393/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 2218			Analysis Date:	03/22/2013 2241
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-Dibromoethane	20.0	20.0	17.9	18.8
Tetrachloroethene	20.0	20.0	17.7	18.2
Dichlorodifluoromethane	20.0	20.0	15.5	16.7
Toluene	20.0	20.0	17.3	17.5
Bromochloromethane	20.0	20.0	18.5	18.7
trans-1,2-Dichloroethene	20.0	20.0	17.7	18.6
Bromodichloromethane	20.0	20.0	18.8	19.2
trans-1,3-Dichloropropene	20.0	20.0	18.3	18.0
Trichloroethene	20.0	20.0	18.5	18.3
Trichlorofluoromethane	20.0	20.0	17.4	18.0
Vinyl chloride	20.0	20.0	14.6	15.4
Xylenes, Total	60.0	60.0	54.5	55.1

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152400

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152400/5	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30836.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2013 0856	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
2-Butanone	0.63	U	0.63	10
Acetone	2.98	J	1.7	10
Benzene	0.15	U	0.15	1.0
2-Hexanone	0.13	U	0.13	10
Bromoform	0.17	U	0.17	1.0
Bromomethane	0.43	U	0.43	1.0
Carbon disulfide	0.15	U	0.15	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Chlorobenzene	0.18	U	0.18	1.0
1,4-Dioxane	13	U	13	50
Chloroethane	0.33	U	0.33	1.0
Chloroform	0.24	U	0.24	1.0
Chloromethane	0.16	U	0.16	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	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
Cyclohexane	0.13	U	0.13	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
Ethylbenzene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Freon TF	0.11	U	0.11	1.0
Isopropylbenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methyl acetate	0.32	U	0.32	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Methylene Chloride	2.03		0.15	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
MTBE	0.11	U	0.11	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Styrene	0.28	U	0.28	1.0
Dibromochloromethane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Toluene	0.14	U	0.14	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152400

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152400/5	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30836.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2013 0856	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	0.32	U	0.32	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Trichloroethene	0.12	U	0.12	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Vinyl chloride	0.34	U	0.34	1.0
Xylenes, Total	0.67	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	99	70 - 130

Method Blank TICs- Batch: 460-152400

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-152400

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152400/3	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30832.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2013 0713	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-152400/4	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30833.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2013 0736	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
1,1-Dichloroethene	113	100	71 - 126	12	30		
1,1-Dichloroethane	113	103	76 - 125	10	30		
1,2-Dichloroethane	106	97	76 - 118	9	30		
1,1,1-Trichloroethane	113	104	78 - 117	9	30		
2-Butanone	105	88	77 - 117	18	30		
Acetone	89	66	27 - 164	29	30		
Benzene	114	104	77 - 117	9	30		
2-Hexanone	102	94	70 - 122	9	30		
Bromoform	106	90	59 - 125	16	30		
Bromomethane	108	97	54 - 142	11	30		
Carbon disulfide	112	106	72 - 128	5	30		
Carbon tetrachloride	115	99	79 - 118	14	30		
1,4-Dioxane	98	98	69 - 131	0	30		
Chlorobenzene	114	100	80 - 120	13	30		
Chloroethane	106	99	56 - 146	7	30		
Chloroform	111	103	77 - 120	8	30		
Chloromethane	97	88	50 - 151	9	30		
4-Methyl-2-pentanone	111	102	68 - 120	9	30		
cis-1,2-Dichloroethene	114	100	80 - 120	13	30		
cis-1,3-Dichloropropene	109	100	80 - 123	9	30		
1,2-Dichlorobenzene	107	98	80 - 120	9	30		
Cyclohexane	112	108	80 - 121	4	30		
1,3-Dichlorobenzene	111	98	80 - 120	12	30		
1,4-Dichlorobenzene	110	100	80 - 120	9	30		
1,2,4-Trichlorobenzene	111	98	80 - 120	12	30		
Ethylbenzene	113	100	81 - 121	12	30		
1,2,3-Trichlorobenzene	112	100	75 - 121	11	30		
Freon TF	118	112	73 - 123	5	30		
1,2-Dichloropropane	115	103	82 - 122	12	30		
Isopropylbenzene	119	105	65 - 129	13	30		
Methyl acetate	115	105	73 - 137	9	30		
Methylcyclohexane	114	110	78 - 118	4	30		
1,2-Dibromo-3-Chloropropane	108	87	74 - 118	21	30		
Methylene Chloride	136	133	74 - 137	2	30		
1,1,2,2-Tetrachloroethane	104	92	79 - 122	12	30		
MTBE	112	106	78 - 120	6	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-152400

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152400/3	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30832.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2013 0713	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-152400/4	Analysis Batch:	460-152400	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d30833.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2013 0736	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
1,1,2-Trichloroethane	109	94	73 - 118	15	30		
Dibromochloromethane	110	96	68 - 120	14	30		
Styrene	116	100	82 - 122	15	30		
1,2-Dibromoethane	116	93	75 - 117	22	30		
Tetrachloroethene	115	103	80 - 120	11	30		
Dichlorodifluoromethane	105	93	52 - 144	13	30		
Toluene	111	99	75 - 115	12	30		
Bromochloromethane	116	101	74 - 125	13	30		
trans-1,2-Dichloroethene	117	103	75 - 122	12	30		
Bromodichloromethane	110	103	79 - 119	6	30		
trans-1,3-Dichloropropene	107	95	67 - 121	13	30		
Trichloroethene	115	103	79 - 119	11	30		
Trichlorofluoromethane	105	99	61 - 139	6	30		
Vinyl chloride	103	92	67 - 133	12	30		
Xylenes, Total	116	101	82 - 122	13	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	97	70 - 130
Toluene-d8 (Surr)	110	102	70 - 130
Bromofluorobenzene	106	100	70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-152400

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152400/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-152400/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/23/2013 0713			Analysis Date:	03/23/2013 0736
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
1,1-Dichloroethene	20.0	20.0	22.6	20.1
1,1-Dichloroethane	20.0	20.0	22.6	20.5
1,2-Dichloroethane	20.0	20.0	21.3	19.5
1,1,1-Trichloroethane	20.0	20.0	22.7	20.8
2-Butanone	20.0	20.0	21.0	17.6
Acetone	20.0	20.0	17.8	13.3
Benzene	20.0	20.0	22.8	20.8
2-Hexanone	20.0	20.0	20.5	18.7
Bromoform	20.0	20.0	21.3	18.1
Bromomethane	20.0	20.0	21.6	19.4
Carbon disulfide	20.0	20.0	22.3	21.3
Carbon tetrachloride	20.0	20.0	23.0	19.9
1,4-Dioxane	150	150	148	147
Chlorobenzene	20.0	20.0	22.8	19.9
Chloroethane	20.0	20.0	21.2	19.9
Chloroform	20.0	20.0	22.3	20.6
Chloromethane	20.0	20.0	19.4	17.6
4-Methyl-2-pentanone	20.0	20.0	22.2	20.3
cis-1,2-Dichloroethene	20.0	20.0	22.7	20.0
cis-1,3-Dichloropropene	20.0	20.0	21.9	20.0
1,2-Dichlorobenzene	20.0	20.0	21.5	19.6
Cyclohexane	20.0	20.0	22.4	21.6
1,3-Dichlorobenzene	20.0	20.0	22.1	19.6
1,4-Dichlorobenzene	20.0	20.0	21.9	20.0
1,2,4-Trichlorobenzene	20.0	20.0	22.2	19.7
Ethylbenzene	20.0	20.0	22.6	20.0
1,2,3-Trichlorobenzene	20.0	20.0	22.3	20.0
Freon TF	20.0	20.0	23.5	22.5
1,2-Dichloropropane	20.0	20.0	23.1	20.5
Isopropylbenzene	20.0	20.0	23.8	21.0
Methyl acetate	20.0	20.0	22.9	20.9
Methylcyclohexane	20.0	20.0	22.8	22.0
1,2-Dibromo-3-Chloropropane	20.0	20.0	21.7	17.5
Methylene Chloride	20.0	20.0	27.2	26.6
1,1,2,2-Tetrachloroethane	20.0	20.0	20.8	18.4
MTBE	20.0	20.0	22.4	21.2
1,1,2-Trichloroethane	20.0	20.0	21.8	18.8
Dibromochloromethane	20.0	20.0	22.0	19.1
Styrene	20.0	20.0	23.2	19.9

Client: Antea USA, Inc.

Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-152400

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152400/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-152400/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/23/2013 0713			Analysis Date:	03/23/2013 0736
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-Dibromoethane	20.0	20.0	23.3	18.7
Tetrachloroethene	20.0	20.0	23.0	20.6
Dichlorodifluoromethane	20.0	20.0	21.1	18.5
Toluene	20.0	20.0	22.3	19.8
Bromochloromethane	20.0	20.0	23.2	20.3
trans-1,2-Dichloroethene	20.0	20.0	23.3	20.7
Bromodichloromethane	20.0	20.0	22.0	20.6
trans-1,3-Dichloropropene	20.0	20.0	21.5	18.9
Trichloroethene	20.0	20.0	23.0	20.6
Trichlorofluoromethane	20.0	20.0	20.9	19.7
Vinyl chloride	20.0	20.0	20.7	18.4
Xylenes, Total	60.0	60.0	69.4	60.8

Method Blank - Batch: 460-152550 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-152550/4	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53769.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/25/2013 0543	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
2-Butanone	230	U	230	500
Acetone	270	U	270	500
Benzene	8.3	U	8.3	100
2-Hexanone	50	U	50	500
Bromoform	19	U	19	100
Bromomethane	18	U	18	100
Carbon disulfide	13	U	13	100
Carbon tetrachloride	5.7	U	5.7	100
Chlorobenzene	11	U	11	100
1,4-Dioxane	3600	U	3600	5000
Chloroethane	17	U	17	100
Chloroform	7.9	U	7.9	100
Chloromethane	9.7	U	9.7	100
cis-1,2-Dichloroethene	18	U	18	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
Cyclohexane	16	U	16	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
Ethylbenzene	9.6	U	9.6	100
1,2,3-Trichlorobenzene	51	U	51	100
Freon TF	8.2	U	8.2	100
Isopropylbenzene	7.7	U	7.7	100
1,2-Dichloropropane	8.6	U	8.6	100
Methyl acetate	34	U	34	200
Methylcyclohexane	14	U	14	100
Methylene Chloride	18	U	18	100
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100
MTBE	14	U	14	100
1,1,2-Trichloroethane	19	U	19	100
Styrene	12	U	12	100
Dibromochloromethane	20	U	20	100
Tetrachloroethene	9.7	U	9.7	100
1,2-Dibromoethane	28	U	28	100
Toluene	15	U	15	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
trans-1,2-Dichloroethene	13	U	13	100

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152550

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152550/4	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53769.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/25/2013 0543	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	13	U	13	100
trans-1,3-Dichloropropene	24	U	24	100
Trichloroethene	9.2	U	9.2	100
Trichlorofluoromethane	15	U	15	100
Vinyl chloride	14	U	14	100
Xylenes, Total	36	U	36	300

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	75 - 135
Toluene-d8 (Surr)	90	59 - 150
Bromofluorobenzene	101	72 - 133

Method Blank TICs- Batch: 460-152550

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-152550

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-152550/3	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53765.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/25/2013 0412	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-Dichloroethene	2000	1810	91	68 - 138	
1,1-Dichloroethane	2000	1820	91	79 - 119	
1,2-Dichloroethane	2000	1790	89	81 - 121	
1,1,1-Trichloroethane	2000	1960	98	78 - 118	
2-Butanone	2000	1860	93	70 - 139	
Acetone	2000	1550	77	48 - 177	
Benzene	2000	1670	83	71 - 118	
2-Hexanone	2000	1600	80	62 - 123	
Bromoform	2000	1800	90	76 - 133	
Bromomethane	2000	1930	96	58 - 154	
Carbon disulfide	2000	1770	88	70 - 120	
Carbon tetrachloride	2000	2020	101	64 - 130	
Chlorobenzene	2000	1930	96	69 - 124	
1,4-Dioxane	15000	11100	74	54 - 147	
Chloroethane	2000	1740	87	66 - 144	
Chloroform	2000	1890	95	81 - 122	
Chloromethane	2000	1560	78	52 - 144	
cis-1,2-Dichloroethene	2000	1950	97	78 - 118	
4-Methyl-2-pentanone	2000	1620	81	69 - 124	
cis-1,3-Dichloropropene	2000	1740	87	75 - 120	
1,2-Dichlorobenzene	2000	1950	97	83 - 123	
Cyclohexane	2000	1950	97	69 - 128	
1,3-Dichlorobenzene	2000	1930	96	83 - 123	
1,4-Dichlorobenzene	2000	1930	96	84 - 124	
1,2,4-Trichlorobenzene	2000	2130	107	62 - 144	
Ethylbenzene	2000	1950	98	78 - 124	
1,2,3-Trichlorobenzene	2000	2220	111	36 - 207	
Freon TF	2000	2090	104	50 - 128	
Isopropylbenzene	2000	2050	103	80 - 143	
1,2-Dichloropropane	2000	1820	91	78 - 118	
Methyl acetate	2000	1730	86	72 - 165	
Methylcyclohexane	2000	2010	101	80 - 134	
Methylene Chloride	2000	1580	79	78 - 118	
1,2-Dibromo-3-Chloropropane	2000	2000	100	62 - 127	
1,1,2,2-Tetrachloroethane	2000	1750	87	86 - 145	
MTBE	2000	1890	94	65 - 143	
1,1,2-Trichloroethane	2000	1750	87	77 - 120	
Styrene	2000	2040	102	73 - 126	
Dibromochloromethane	2000	1840	92	78 - 118	
Tetrachloroethene	2000	2030	102	78 - 136	
1,2-Dibromoethane	2000	1890	94	76 - 120	
Toluene	2000	1770	89	79 - 136	
Dichlorodifluoromethane	2000	1580	79	41 - 149	
Bromochloromethane	2000	1980	99	81 - 121	
trans-1,2-Dichloroethene	2000	1790	89	73 - 119	
Bromodichloromethane	2000	1870	93	78 - 118	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-152550

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-152550/3	Analysis Batch:	460-152550	Instrument ID:	VOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	b53765.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/25/2013 0412	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	2000	1740	87	73 - 118	
Trichloroethene	2000	1930	97	82 - 122	
Trichlorofluoromethane	2000	1770	88	60 - 148	
Vinyl chloride	2000	1690	84	55 - 154	
Xylenes, Total	6000	5920	99	78 - 126	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	75 - 135
Toluene-d8 (Surr)	89	59 - 150
Bromofluorobenzene	99	72 - 133

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152683

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152683/5	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o71642.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2013 1802	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
2-Butanone	0.63	U	0.63	10
Acetone	3.32	J	1.7	10
Benzene	0.15	U	0.15	1.0
2-Hexanone	0.13	U	0.13	10
Bromoform	0.17	U	0.17	1.0
Bromomethane	0.43	U	0.43	1.0
Carbon disulfide	0.15	U	0.15	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Chlorobenzene	0.18	U	0.18	1.0
1,4-Dioxane	13	U	13	50
Chloroethane	0.33	U	0.33	1.0
Chloroform	0.24	U	0.24	1.0
Chloromethane	0.16	U	0.16	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	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
Cyclohexane	0.13	U	0.13	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
Ethylbenzene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Freon TF	0.11	U	0.11	1.0
Isopropylbenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methyl acetate	0.32	U	0.32	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Methylene Chloride	0.168	J	0.15	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
MTBE	0.11	U	0.11	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Styrene	0.28	U	0.28	1.0
Dibromochloromethane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Toluene	0.14	U	0.14	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152683

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-152683/5	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o71642.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2013 1802	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	0.32	U	0.32	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Trichloroethene	0.12	U	0.12	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Vinyl chloride	0.34	U	0.34	1.0
Xylenes, Total	0.67	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 130
Toluene-d8 (Surr)	91	70 - 130
Bromofluorobenzene	90	70 - 130

Method Blank TICs- Batch: 460-152683

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-152683

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152683/3	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o71639.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2013 1637	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-152683/4	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o71640.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2013 1702	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
1,1-Dichloroethene	91	100	71 - 126	9	30		
1,1-Dichloroethane	90	98	76 - 125	9	30		
1,2-Dichloroethane	94	99	76 - 118	4	30		
1,1,1-Trichloroethane	89	95	78 - 117	7	30		
2-Butanone	103	117	77 - 117	13	30		
Acetone	87	116	27 - 164	29	30		
Benzene	92	99	77 - 117	8	30		
2-Hexanone	102	98	70 - 122	5	30		
Bromoform	73	77	59 - 125	5	30		
Bromomethane	92	99	54 - 142	7	30		
Carbon disulfide	94	96	72 - 128	3	30		
Carbon tetrachloride	83	88	79 - 118	6	30		
1,4-Dioxane	93	89	69 - 131	5	30		
Chlorobenzene	89	95	80 - 120	7	30		
Chloroethane	88	95	56 - 146	8	30		
Chloroform	93	98	77 - 120	4	30		
Chloromethane	91	99	50 - 151	8	30		
4-Methyl-2-pentanone	105	105	68 - 120	0	30		
cis-1,2-Dichloroethene	92	100	80 - 120	7	30		
cis-1,3-Dichloropropene	93	100	80 - 123	8	30		
1,2-Dichlorobenzene	93	95	80 - 120	3	30		
Cyclohexane	103	104	80 - 121	0	30		
1,3-Dichlorobenzene	92	97	80 - 120	5	30		
1,4-Dichlorobenzene	90	95	80 - 120	5	30		
1,2,4-Trichlorobenzene	91	95	80 - 120	4	30		
Ethylbenzene	91	94	81 - 121	4	30		
1,2,3-Trichlorobenzene	91	96	75 - 121	5	30		
Freon TF	99	100	73 - 123	2	30		
1,2-Dichloropropane	90	96	82 - 122	7	30		
Isopropylbenzene	91	96	65 - 129	6	30		
Methyl acetate	127	122	73 - 137	4	30		
Methylcyclohexane	102	103	78 - 118	1	30		
1,2-Dibromo-3-Chloropropane	88	86	74 - 118	3	30		
Methylene Chloride	93	98	74 - 137	6	30		
1,1,2,2-Tetrachloroethane	90	94	79 - 122	4	30		
MTBE	102	105	78 - 120	3	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-152683

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152683/3	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o71639.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2013 1637	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-152683/4	Analysis Batch:	460-152683	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o71640.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2013 1702	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
1,1,2-Trichloroethane	91	97	73 - 118	7	30		
Dibromochloromethane	80	85	68 - 120	6	30		
Styrene	91	98	82 - 122	7	30		
1,2-Dibromoethane	88	93	75 - 117	6	30		
Tetrachloroethene	90	100	80 - 120	10	30		
Dichlorodifluoromethane	91	97	52 - 144	6	30		
Toluene	90	97	75 - 115	7	30		
Bromochloromethane	90	97	74 - 125	7	30		
trans-1,2-Dichloroethene	90	97	75 - 122	8	30		
Bromodichloromethane	79	86	79 - 119	9	30		
trans-1,3-Dichloropropene	76	83	67 - 121	8	30		
Trichloroethene	89	98	79 - 119	9	30		
Trichlorofluoromethane	92	101	61 - 139	10	30		
Vinyl chloride	93	102	67 - 133	10	30		
Xylenes, Total	90	95	82 - 122	6	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	100	70 - 130
Toluene-d8 (Surr)	93	93	70 - 130
Bromofluorobenzene	94	93	70 - 130

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-152683

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152683/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-152683/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/25/2013 1637			Analysis Date:	03/25/2013 1702
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
1,1-Dichloroethene	20.0	20.0	18.3	20.0
1,1-Dichloroethane	20.0	20.0	18.0	19.6
1,2-Dichloroethane	20.0	20.0	18.9	19.7
1,1,1-Trichloroethane	20.0	20.0	17.7	19.0
2-Butanone	20.0	20.0	20.5	23.4
Acetone	20.0	20.0	17.5	23.3
Benzene	20.0	20.0	18.4	19.9
2-Hexanone	20.0	20.0	20.4	19.5
Bromoform	20.0	20.0	14.6	15.4
Bromomethane	20.0	20.0	18.4	19.7
Carbon disulfide	20.0	20.0	18.8	19.3
Carbon tetrachloride	20.0	20.0	16.7	17.7
1,4-Dioxane	150	150	140	133
Chlorobenzene	20.0	20.0	17.8	19.0
Chloroethane	20.0	20.0	17.5	19.0
Chloroform	20.0	20.0	18.7	19.5
Chloromethane	20.0	20.0	18.2	19.8
4-Methyl-2-pentanone	20.0	20.0	21.0	21.0
cis-1,2-Dichloroethene	20.0	20.0	18.5	19.9
cis-1,3-Dichloropropene	20.0	20.0	18.6	20.0
1,2-Dichlorobenzene	20.0	20.0	18.5	19.1
Cyclohexane	20.0	20.0	20.7	20.7
1,3-Dichlorobenzene	20.0	20.0	18.5	19.3
1,4-Dichlorobenzene	20.0	20.0	17.9	19.0
1,2,4-Trichlorobenzene	20.0	20.0	18.3	19.0
Ethylbenzene	20.0	20.0	18.1	18.8
1,2,3-Trichlorobenzene	20.0	20.0	18.2	19.2
Freon TF	20.0	20.0	19.7	20.1
1,2-Dichloropropane	20.0	20.0	18.0	19.3
Isopropylbenzene	20.0	20.0	18.2	19.3
Methyl acetate	20.0	20.0	25.5	24.5
Methylcyclohexane	20.0	20.0	20.5	20.6
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.6	17.2
Methylene Chloride	20.0	20.0	18.5	19.7
1,1,2,2-Tetrachloroethane	20.0	20.0	18.1	18.8
MTBE	20.0	20.0	20.4	21.0
1,1,2-Trichloroethane	20.0	20.0	18.2	19.4
Dibromochloromethane	20.0	20.0	16.1	17.0
Styrene	20.0	20.0	18.1	19.5

Client: Antea USA, Inc.

Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-152683

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-152683/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-152683/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/25/2013 1637			Analysis Date:	03/25/2013 1702
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-Dibromoethane	20.0	20.0	17.6	18.6
Tetrachloroethene	20.0	20.0	18.0	19.9
Dichlorodifluoromethane	20.0	20.0	18.2	19.4
Toluene	20.0	20.0	18.0	19.3
Bromochloromethane	20.0	20.0	18.0	19.3
trans-1,2-Dichloroethene	20.0	20.0	17.9	19.5
Bromodichloromethane	20.0	20.0	15.9	17.3
trans-1,3-Dichloropropene	20.0	20.0	15.3	16.5
Trichloroethene	20.0	20.0	17.8	19.5
Trichlorofluoromethane	20.0	20.0	18.3	20.2
Vinyl chloride	20.0	20.0	18.6	20.4
Xylenes, Total	60.0	60.0	53.7	57.2

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151520 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-151520/1-A	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151520	Lab File ID:	p35609.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0625	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	3.8	U	3.8	33
1,2-Dichlorobenzene	38	U	38	330
1,3-Dichlorobenzene	30	U	30	330
1,4-Dichlorobenzene	37	U	37	330
2,4-Dinitrotoluene	11	U	11	67
2,6-Dinitrotoluene	10	U	10	67
2-Chloronaphthalene	37	U	37	330
2-Methylnaphthalene	43	U	43	330
2-Nitroaniline	140	U	140	670
3,3'-Dichlorobenzidine	120	U	120	670
3-Nitroaniline	120	U	120	670
4-Bromophenyl phenyl ether	33	U	33	330
4-Chloroaniline	88	U	88	330
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
Acenaphthene	48	U	48	330
Acenaphthylene	39	U	39	330
Anthracene	40	U	40	330
Benzo[a]anthracene	2.3	U	2.3	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[k]fluoranthene	2.5	U	2.5	33
bis (2-chloroisopropyl) ether	37	U	37	330
Bis(2-chloroethoxy)methane	43	U	43	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
Bis(2-ethylhexyl) phthalate	110	U	110	330
Butyl benzyl phthalate	30	U	30	330
Carbazole	39	U	39	330
Chrysene	39	U	39	330
Dibenz(a,h)anthracene	4.2	U	4.2	33
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Dimethyl phthalate	39	U	39	330
Di-n-butyl phthalate	41	U	41	330
Di-n-octyl phthalate	21	U	21	330
Fluoranthene	44	U	44	330
Fluorene	42	U	42	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorobutadiene	8.1	U	8.1	67
Hexachlorocyclopentadiene	39	U	39	330
Hexachloroethane	3.7	U	3.7	33
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Isophorone	40	U	40	330
Naphthalene	38	U	38	330

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151520

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-151520/1-A	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151520	Lab File ID:	p35609.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0625	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Nitrobenzene	4.7	U	4.7	33
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
N-Nitrosodiphenylamine	33	U	33	330
Phenanthrene	42	U	42	330
Pyrene	28	U	28	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	68	40 - 109
Nitrobenzene-d5	71	38 - 105
Terphenyl-d14	67	16 - 151

Method Blank TICs- Batch: 460-151520

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate-1	1.84	609	A J
	Unknown Aldol Condensate-2	2.82	7120	A J
	Unknown Aldol Condensate-3	3.43	1120	A J

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151520

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-151520/2-A	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151520	Lab File ID:	p35608.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0559	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	3330	2410	72	48 - 94	
1,2-Dichlorobenzene	3330	2370	71	48 - 87	
1,3-Dichlorobenzene	3330	2310	69	47 - 84	
1,4-Dichlorobenzene	3330	2350	70	47 - 85	
2,4-Dinitrotoluene	3330	2460	74	53 - 110	
2,6-Dinitrotoluene	3330	2500	75	51 - 115	
2-Chloronaphthalene	3330	2540	76	51 - 102	
2-Methylnaphthalene	3330	2460	74	51 - 98	
2-Nitroaniline	3330	2830	85	51 - 109	
3,3'-Dichlorobenzidine	3330	1450	43	24 - 105	
3-Nitroaniline	3330	1350	40	32 - 104	
4-Bromophenyl phenyl ether	3330	2660	80	44 - 102	
4-Chloroaniline	3330	772	23	10 - 96	
4-Chlorophenyl phenyl ether	3330	2490	75	50 - 106	
4-Nitroaniline	3330	2090	63	45 - 106	
Acenaphthene	3330	2580	77	46 - 100	
Acenaphthylene	3330	2580	77	51 - 103	
Anthracene	3330	2660	80	50 - 107	
Benzo[a]anthracene	3330	2450	73	46 - 112	
Benzo[a]pyrene	3330	2550	76	36 - 89	
Benzo[b]fluoranthene	3330	2350	71	33 - 96	
Benzo[g,h,i]perylene	3330	2630	79	43 - 106	
Benzo[k]fluoranthene	3330	2510	75	35 - 115	
bis (2-chloroisopropyl) ether	3330	2570	77	45 - 102	
Bis(2-chloroethoxy)methane	3330	2550	76	51 - 100	
Bis(2-chloroethyl)ether	3330	2370	71	44 - 101	
Bis(2-ethylhexyl) phthalate	3330	2530	76	49 - 119	
Butyl benzyl phthalate	3330	2480	74	49 - 117	
Carbazole	3330	2700	81	49 - 104	
Chrysene	3330	2580	77	45 - 114	
Dibenz(a,h)anthracene	3330	2630	79	43 - 107	
Dibenzofuran	3330	2510	75	52 - 106	
Diethyl phthalate	3330	2480	74	52 - 114	
Dimethyl phthalate	3330	2560	77	52 - 112	
Di-n-butyl phthalate	3330	2630	79	50 - 108	
Di-n-octyl phthalate	3330	2370	71	40 - 106	
Fluoranthene	3330	2700	81	49 - 108	
Fluorene	3330	2540	76	51 - 108	
Hexachlorobenzene	3330	2660	80	43 - 104	
Hexachlorobutadiene	3330	2410	72	45 - 98	
Hexachlorocyclopentadiene	3330	2360	71	24 - 98	
Hexachloroethane	3330	2370	71	45 - 90	
Indeno[1,2,3-cd]pyrene	3330	2920	88	43 - 109	
Isophorone	3330	2360	71	48 - 97	
Naphthalene	3330	2630	79	53 - 94	
Nitrobenzene	3330	2600	78	42 - 106	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151520

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-151520/2-A	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151520	Lab File ID:	p35608.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/21/2013 0559	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	3330	2120	64	42 - 107	
N-Nitrosodiphenylamine	3330	2810	84	49 - 106	
Phenanthrene	3330	2700	81	48 - 108	
Pyrene	3330	2360	71	49 - 116	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	67	40 - 109
Nitrobenzene-d5	65	38 - 105
Terphenyl-d14	61	16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151520

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-1	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151520	Lab File ID:	p35614.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0831			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-1	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151520	Lab File ID:	p35615.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 0856			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4-Trichlorobenzene	71	76	48 - 94	7	30		
1,2-Dichlorobenzene	70	75	48 - 87	7	30		
1,3-Dichlorobenzene	69	73	47 - 84	5	30		
1,4-Dichlorobenzene	70	72	47 - 85	4	30		
2,4-Dinitrotoluene	75	76	53 - 110	1	30		
2,6-Dinitrotoluene	75	80	51 - 115	6	30		
2-Chloronaphthalene	78	85	51 - 102	9	30		
2-Methylnaphthalene	70	75	51 - 98	7	30		
2-Nitroaniline	67	74	51 - 109	9	30		
3,3'-Dichlorobenzidine	61	55	24 - 105	11	30		
3-Nitroaniline	50	49	32 - 104	3	30		
4-Bromophenyl phenyl ether	80	82	44 - 102	2	30		
4-Chloroaniline	23	22	10 - 96	6	30		
4-Chlorophenyl phenyl ether	74	75	50 - 106	1	30		
4-Nitroaniline	65	64	45 - 106	1	30		
Acenaphthene	77	80	46 - 100	4	30		
Acenaphthylene	77	82	51 - 103	5	30		
Anthracene	78	79	50 - 107	1	30		
Benzo[a]anthracene	72	74	46 - 112	4	30		
Benzo[a]pyrene	73	75	36 - 89	3	30		
Benzo[b]fluoranthene	66	68	33 - 96	3	30		
Benzo[g,h,i]perylene	78	84	43 - 106	8	30		
Benzo[k]fluoranthene	74	74	35 - 115	1	30		
bis (2-chloroisopropyl) ether	73	80	45 - 102	10	30		
Bis(2-chloroethoxy)methane	74	81	51 - 100	9	30		
Bis(2-chloroethyl)ether	68	75	44 - 101	10	30		
Bis(2-ethylhexyl) phthalate	72	78	49 - 119	8	30		
Butyl benzyl phthalate	71	75	49 - 117	6	30		
Carbazole	80	80	49 - 104	0	30		
Chrysene	76	79	45 - 114	4	30		
Dibenz(a,h)anthracene	80	87	43 - 107	8	30		
Dibenzofuran	75	78	52 - 106	4	30		
Diethyl phthalate	75	76	52 - 114	1	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151520

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-1	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151520	Lab File ID:	p35614.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0831			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-1	Analysis Batch:	460-152178	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151520	Lab File ID:	p35615.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 0856			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 0952			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dimethyl phthalate	79	82	52 - 112	3	30		
Di-n-butyl phthalate	78	79	50 - 108	0	30		
Di-n-octyl phthalate	65	65	40 - 106	1	30		
Fluoranthene	76	76	49 - 108	0	30		
Fluorene	74	76	51 - 108	2	30		
Hexachlorobenzene	78	81	43 - 104	3	30		
Hexachlorobutadiene	71	75	45 - 98	5	30		
Hexachlorocyclopentadiene	65	75	24 - 98	14	30		
Hexachloroethane	70	73	45 - 90	5	30		
Indeno[1,2,3-cd]pyrene	86	92	43 - 109	6	30		
Isophorone	67	73	48 - 97	9	30		
Naphthalene	79	83	53 - 94	5	30		
Nitrobenzene	74	81	42 - 106	10	30		
N-Nitrosodi-n-propylamine	60	58	42 - 107	4	30		
N-Nitrosodiphenylamine	91	91	49 - 106	0	30		
Phenanthrene	81	80	48 - 108	1	30		
Pyrene	63	67	49 - 116	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	67	72	40 - 109
Nitrobenzene-d5	60	65	38 - 105
Terphenyl-d14	53	56	16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151520

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-1	Units:	ug/Kg	MSD Lab Sample ID:	460-52450-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 0831			Analysis Date:	03/21/2013 0856
Prep Date:	03/18/2013 0952			Prep Date:	03/18/2013 0952
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2,4-Trichlorobenzene	18	J	3480	3480	2470	2660
1,2-Dichlorobenzene	40	U	3480	3480	2420	2600
1,3-Dichlorobenzene	31	U	3480	3480	2400	2520
1,4-Dichlorobenzene	39	U	3480	3480	2430	2520
2,4-Dinitrotoluene	11	U	3480	3480	2620	2650
2,6-Dinitrotoluene	10	U	3480	3480	2620	2790
2-Chloronaphthalene	39	U	3480	3480	2710	2960
2-Methylnaphthalene	44	U	3480	3480	2440	2610
2-Nitroaniline	140	U	3480	3480	2340	2560
3,3'-Dichlorobenzidine	120	U	3480	3480	2110	1900
3-Nitroaniline	120	U	3480	3480	1740	1690
4-Bromophenyl phenyl ether	34	U	3480	3480	2790	2840
4-Chloroaniline	92	U	3480	3480	808	764
4-Chlorophenyl phenyl ether	41	U	3480	3480	2560	2600
4-Nitroaniline	110	U	3480	3480	2270	2240
Acenaphthene	50	U	3480	3480	2680	2780
Acenaphthylene	41	U	3480	3480	2690	2840
Anthracene	42	U	3480	3480	2700	2730
Benzo[a]anthracene	2.4	U	3480	3480	2490	2590
Benzo[a]pyrene	2.4	U	3480	3480	2550	2620
Benzo[b]fluoranthene	2.2	U	3480	3480	2290	2360
Benzo[g,h,i]perylene	26	U	3480	3480	2710	2920
Benzo[k]fluoranthene	2.6	U	3480	3480	2560	2580
bis (2-chloroisopropyl) ether	38	U	3480	3480	2540	2800
Bis(2-chloroethoxy)methane	45	U	3480	3480	2580	2820
Bis(2-chloroethyl)ether	4.7	U	3480	3480	2370	2620
Bis(2-ethylhexyl) phthalate	120	U	3480	3480	2500	2710
Butyl benzyl phthalate	32	U	3480	3480	2460	2610
Carbazole	41	U	3480	3480	2790	2790
Chrysene	40	U	3480	3480	2640	2750
Dibenz(a,h)anthracene	4.4	U	3480	3480	2790	3020
Dibenzofuran	41	U	3480	3480	2610	2720
Diethyl phthalate	41	U	3480	3480	2620	2650
Dimethyl phthalate	41	U	3480	3480	2760	2840
Di-n-butyl phthalate	43	U	3480	3480	2720	2730
Di-n-octyl phthalate	22	U	3480	3480	2250	2280
Fluoranthene	46	U	3480	3480	2640	2640
Fluorene	44	U	3480	3480	2590	2650
Hexachlorobenzene	4.7	U	3480	3480	2720	2810
Hexachlorobutadiene	8.4	U	3480	3480	2470	2610
Hexachlorocyclopentadiene	41	U	3480	3480	2270	2600
Hexachloroethane	3.8	U	3480	3480	2440	2550
Indeno[1,2,3-cd]pyrene	6.4	U	3480	3480	3000	3180

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151520

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-1	Units:	ug/Kg	MSD Lab Sample ID:	460-52450-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 0831			Analysis Date:	03/21/2013 0856
Prep Date:	03/18/2013 0952			Prep Date:	03/18/2013 0952
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isophorone	42	U	3480	3480	2330	2560
Naphthalene	40	U	3480	3480	2740	2890
Nitrobenzene	4.9	U	3480	3480	2570	2830
N-Nitrosodi-n-propylamine	5.8	U	3480	3480	2090	2000
N-Nitrosodiphenylamine	34	U	3480	3480	3160	3180
Phenanthrene	44	U	3480	3480	2830	2790
Pyrene	29	U	3480	3480	2190	2330

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151546

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-151546/1-A	Analysis Batch:	460-152320	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-151546	Lab File ID:	z20040.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/22/2013 0722	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	0.26	U	0.26	1.0
1,2-Dichlorobenzene	2.5	U	2.5	10
1,3-Dichlorobenzene	2.4	U	2.4	10
1,4-Dichlorobenzene	2.5	U	2.5	10
2,4-Dinitrotoluene	0.47	U	0.47	2.0
2,6-Dinitrotoluene	0.61	U	0.61	2.0
2-Chloronaphthalene	2.7	U	2.7	10
2-Methylnaphthalene	3.0	U	3.0	10
2-Nitroaniline	4.9	U	4.9	20
3,3'-Dichlorobenzidine	4.9	U	4.9	20
3-Nitroaniline	5.0	U	5.0	20
4-Bromophenyl phenyl ether	2.5	U	2.5	10
4-Chloroaniline	2.0	U	2.0	10
4-Chlorophenyl phenyl ether	2.5	U	2.5	10
4-Nitroaniline	5.8	U	5.8	20
Acenaphthene	2.7	U	2.7	10
Acenaphthylene	2.7	U	2.7	10
Anthracene	2.8	U	2.8	10
Benzo[a]anthracene	0.27	U	0.27	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[b]fluoranthene	0.26	U	0.26	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[k]fluoranthene	0.26	U	0.26	1.0
bis (2-chloroisopropyl) ether	2.0	U	2.0	10
Bis(2-chloroethoxy)methane	2.6	U	2.6	10
Bis(2-chloroethyl)ether	0.28	U	0.28	1.0
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Butyl benzyl phthalate	2.5	U	2.5	10
Carbazole	3.2	U	3.2	10
Chrysene	3.1	U	3.1	10
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
Dibenzofuran	2.8	U	2.8	10
Diethyl phthalate	2.9	U	2.9	10
Dimethyl phthalate	2.8	U	2.8	10
Di-n-butyl phthalate	2.9	U	2.9	10
Di-n-octyl phthalate	1.5	U	1.5	10
Fluoranthene	3.2	U	3.2	10
Fluorene	2.8	U	2.8	10
Hexachlorobenzene	0.29	U	0.29	1.0
Hexachlorobutadiene	0.57	U	0.57	2.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
Hexachloroethane	0.25	U	0.25	1.0
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Isophorone	2.7	U	2.7	10
Naphthalene	2.7	U	2.7	10

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151546

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-151546/1-A	Analysis Batch:	460-152320	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-151546	Lab File ID:	z20040.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/22/2013 0722	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Nitrobenzene	0.30	U	0.30	1.0
N-Nitrosodi-n-propylamine	0.25	U	0.25	1.0
N-Nitrosodiphenylamine	2.9	U	2.9	10
Phenanthrene	3.1	U	3.1	10
Pyrene	2.9	U	2.9	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	89	53 - 108
Nitrobenzene-d5	95	56 - 112
Terphenyl-d14	95	50 - 122

Method Blank TICs- Batch: 460-151546

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151546

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-151546/2-A	Analysis Batch:	460-152320	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-151546	Lab File ID:	z20045.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/22/2013 0930	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	100	85.1	85	58 - 98	
1,2-Dichlorobenzene	100	84.6	85	57 - 98	
1,3-Dichlorobenzene	100	84.6	85	54 - 97	
1,4-Dichlorobenzene	100	84.6	85	56 - 98	
2,4-Dinitrotoluene	100	94.8	95	65 - 113	
2,6-Dinitrotoluene	100	94.7	95	68 - 114	
2-Chloronaphthalene	100	90.3	90	65 - 107	
2-Methylnaphthalene	100	86.9	87	66 - 102	
2-Nitroaniline	100	94.1	94	73 - 116	
3,3'-Dichlorobenzidine	100	117	117	69 - 129	
3-Nitroaniline	100	94.6	95	59 - 108	
4-Bromophenyl phenyl ether	100	91.5	91	66 - 110	
4-Chloroaniline	100	80.8	81	58 - 105	
4-Chlorophenyl phenyl ether	100	90.3	90	68 - 105	
4-Nitroaniline	100	99.0	99	49 - 119	
Acenaphthene	100	89.5	89	66 - 108	
Acenaphthylene	100	89.2	89	67 - 107	
Anthracene	100	88.2	88	68 - 108	
Benzo[a]anthracene	100	86.3	86	65 - 106	
Benzo[a]pyrene	100	89.9	90	58 - 101	
Benzo[b]fluoranthene	100	82.3	82	65 - 111	
Benzo[g,h,i]perylene	100	106	106	65 - 134	
Benzo[k]fluoranthene	100	87.1	87	66 - 114	
bis (2-chloroisopropyl) ether	100	81.7	82	68 - 107	
Bis(2-chloroethoxy)methane	100	89.6	90	69 - 108	
Bis(2-chloroethyl)ether	100	84.1	84	62 - 108	
Bis(2-ethylhexyl) phthalate	100	96.0	96	66 - 114	
Butyl benzyl phthalate	100	93.2	93	66 - 115	
Carbazole	100	93.5	94	67 - 110	
Chrysene	100	91.2	91	68 - 112	
Dibenz(a,h)anthracene	100	100	100	67 - 124	
Dibenzofuran	100	90.8	91	68 - 105	
Diethyl phthalate	100	97.1	97	66 - 109	
Dimethyl phthalate	100	97.2	97	69 - 111	
Di-n-butyl phthalate	100	97.4	97	68 - 111	
Di-n-octyl phthalate	100	92.2	92	51 - 115	
Fluoranthene	100	93.8	94	68 - 108	
Fluorene	100	89.8	90	68 - 105	
Hexachlorobenzene	100	88.2	88	65 - 107	
Hexachlorobutadiene	100	83.8	84	52 - 99	
Hexachlorocyclopentadiene	100	72.4	72	40 - 105	
Hexachloroethane	100	84.2	84	50 - 99	
Indeno[1,2,3-cd]pyrene	100	107	107	68 - 121	
Isophorone	100	82.6	83	68 - 108	
Naphthalene	100	86.4	86	63 - 101	
Nitrobenzene	100	86.2	86	66 - 106	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151546

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-151546/2-A	Analysis Batch:	460-152320	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-151546	Lab File ID:	z20045.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/22/2013 0930	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	100	91.4	91	70 - 109	
N-Nitrosodiphenylamine	100	104	104	71 - 121	
Phenanthrene	100	90.4	90	68 - 110	
Pyrene	100	81.3	81	61 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	90	53 - 108
Nitrobenzene-d5	88	56 - 112
Terphenyl-d14	82	50 - 122

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151546

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-52468-C-3-A MS	Analysis Batch:	460-152529	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-151546	Lab File ID:	z20084.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/24/2013 0004			Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52468-D-3-A MSD	Analysis Batch:	460-152529	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-151546	Lab File ID:	z20085.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/24/2013 0030			Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4-Trichlorobenzene	94	87	58 - 98	7	30		
1,2-Dichlorobenzene	95	86	57 - 98	10	30		
1,3-Dichlorobenzene	94	85	54 - 97	10	30		
1,4-Dichlorobenzene	94	85	56 - 98	10	30		
2,4-Dinitrotoluene	100	96	65 - 113	4	30		
2,6-Dinitrotoluene	105	98	68 - 114	7	30		
2-Chloronaphthalene	98	92	65 - 107	6	30		
2-Methylnaphthalene	97	92	66 - 102	6	30		
2-Nitroaniline	102	98	73 - 116	4	30		
3,3'-Dichlorobenzidine	108	103	69 - 129	4	30		
3-Nitroaniline	99	96	59 - 108	3	30		
4-Bromophenyl phenyl ether	98	96	66 - 110	2	30		
4-Chloroaniline	84	84	58 - 105	1	30		
4-Chlorophenyl phenyl ether	101	94	68 - 105	7	30		
4-Nitroaniline	108	102	49 - 119	6	30		
Acenaphthene	97	89	66 - 108	8	30		
Acenaphthylene	98	92	67 - 107	6	30		
Anthracene	98	93	68 - 108	5	30		
Benzo[a]anthracene	92	88	65 - 106	4	30		
Benzo[a]pyrene	103	96	58 - 101	7	30	F	
Benzo[b]fluoranthene	94	88	65 - 111	6	30		
Benzo[g,h,i]perylene	102	99	65 - 134	3	30		
Benzo[k]fluoranthene	95	92	66 - 114	3	30		
bis (2-chloroisopropyl) ether	95	86	68 - 107	10	30		
Bis(2-chloroethoxy)methane	99	92	69 - 108	7	30		
Bis(2-chloroethyl)ether	91	84	62 - 108	8	30		
Bis(2-ethylhexyl) phthalate	96	92	66 - 114	4	30		
Butyl benzyl phthalate	100	93	66 - 115	7	30		
Carbazole	101	96	67 - 110	6	30		
Chrysene	97	93	68 - 112	4	30		
Dibenz(a,h)anthracene	102	98	67 - 124	3	30		
Dibenzofuran	99	93	68 - 105	6	30		
Diethyl phthalate	104	100	66 - 109	4	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151546

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-52468-C-3-A MS	Analysis Batch:	460-152529	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-151546	Lab File ID:	z20084.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/24/2013 0004			Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52468-D-3-A MSD	Analysis Batch:	460-152529	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-151546	Lab File ID:	z20085.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/24/2013 0030			Final Weight/Volume:	2 mL
Prep Date:	03/18/2013 1142			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dimethyl phthalate	102	96	69 - 111	6	30		
Di-n-butyl phthalate	100	96	68 - 111	4	30		
Di-n-octyl phthalate	100	94	51 - 115	7	30		
Fluoranthene	98	94	68 - 108	4	30		
Fluorene	101	95	68 - 105	6	30		
Hexachlorobenzene	98	93	65 - 107	6	30		
Hexachlorobutadiene	89	84	52 - 99	6	30		
Hexachlorocyclopentadiene	71	68	40 - 105	5	30		
Hexachloroethane	94	84	50 - 99	11	30		
Indeno[1,2,3-cd]pyrene	105	99	68 - 121	5	30		
Isophorone	95	90	68 - 108	6	30		
Naphthalene	96	89	63 - 101	8	30		
Nitrobenzene	91	85	66 - 106	7	30		
N-Nitrosodi-n-propylamine	102	93	70 - 109	10	30		
N-Nitrosodiphenylamine	114	107	71 - 121	7	30		
Phenanthrene	99	96	68 - 110	3	30		
Pyrene	95	88	61 - 110	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	96	88	53 - 108
Nitrobenzene-d5	95	89	56 - 112
Terphenyl-d14	94	88	50 - 122

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151546

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-52468-C-3-A MS	Units:	ug/L	MSD Lab Sample ID:	460-52468-D-3-A MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/24/2013 0004			Analysis Date:	03/24/2013 0030
Prep Date:	03/18/2013 1142			Prep Date:	03/18/2013 1142
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
1,2,4-Trichlorobenzene	0.26	U	100	100	94.1		87.5
1,2-Dichlorobenzene	2.5	U	100	100	94.7		85.6
1,3-Dichlorobenzene	2.4	U	100	100	93.9		85.1
1,4-Dichlorobenzene	2.5	U	100	100	93.7		84.6
2,4-Dinitrotoluene	0.47	U	100	100	100		96.2
2,6-Dinitrotoluene	0.61	U	100	100	105		98.0
2-Chloronaphthalene	2.7	U	100	100	97.6		91.9
2-Methylnaphthalene	3.0	U	100	100	97.4		92.0
2-Nitroaniline	4.9	U	100	100	102		97.8
3,3'-Dichlorobenzidine	4.9	U	100	100	108		103
3-Nitroaniline	5.0	U	100	100	99.4		96.2
4-Bromophenyl phenyl ether	2.5	U	100	100	98.1		95.9
4-Chloroaniline	2.0	U	100	100	84.4		83.6
4-Chlorophenyl phenyl ether	2.5	U	100	100	101		93.6
4-Nitroaniline	5.8	U	100	100	108		102
Acenaphthene	2.7	U	100	100	96.7		89.1
Acenaphthylene	2.7	U	100	100	97.7		91.9
Anthracene	2.8	U	100	100	98.4		93.3
Benzo[a]anthracene	0.27	U	100	100	92.5		88.5
Benzo[a]pyrene	0.14	U	100	100	103	F	95.8
Benzo[b]fluoranthene	0.26	U	100	100	93.9		88.2
Benzo[g,h,i]perylene	2.0	U	100	100	102		99.5
Benzo[k]fluoranthene	0.26	U	100	100	94.5		91.7
bis (2-chloroisopropyl) ether	2.0	U	100	100	95.2		86.3
Bis(2-chloroethoxy)methane	2.6	U	100	100	98.9		92.4
Bis(2-chloroethyl)ether	0.28	U	100	100	91.0		83.6
Bis(2-ethylhexyl) phthalate	2.0	U	100	100	95.8		92.2
Butyl benzyl phthalate	2.5	U	100	100	99.8		93.3
Carbazole	3.2	U	100	100	101		95.8
Chrysene	3.1	U	100	100	96.6		92.9
Dibenz(a,h)anthracene	0.090	U	100	100	102		98.2
Dibenzofuran	2.8	U	100	100	99.1		93.0
Diethyl phthalate	2.9	U	100	100	104		99.5
Dimethyl phthalate	2.8	U	100	100	102		96.3
Di-n-butyl phthalate	2.9	U	100	100	99.8		95.7
Di-n-octyl phthalate	1.5	U	100	100	100		93.6
Fluoranthene	3.2	U	100	100	98.4		94.5
Fluorene	2.8	U	100	100	101		94.7
Hexachlorobenzene	0.29	U	100	100	98.0		92.5
Hexachlorobutadiene	0.57	U	100	100	89.0		83.8
Hexachlorocyclopentadiene	1.7	U	100	100	71.1		67.6
Hexachloroethane	0.25	U	100	100	94.3		84.5
Indeno[1,2,3-cd]pyrene	0.15	U	100	100	105		99.5

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151546

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-52468-C-3-A MS	Units:	ug/L	MSD Lab Sample ID:	460-52468-D-3-A MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/24/2013 0004			Analysis Date:	03/24/2013 0030
Prep Date:	03/18/2013 1142			Prep Date:	03/18/2013 1142
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isophorone	2.7	U	100	100	95.2	89.6
Naphthalene	2.7	U	100	100	96.3	88.9
Nitrobenzene	0.30	U	100	100	90.8	85.1
N-Nitrosodi-n-propylamine	0.25	U	100	100	102	92.8
N-Nitrosodiphenylamine	2.9	U	100	100	114	107
Phenanthrene	3.1	U	100	100	99.1	96.0
Pyrene	2.9	U	100	100	95.3	88.1

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151635 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-151635/1-A	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151635	Lab File ID:	p35513.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 0720	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	3.7	U	3.7	33
1,2-Dichlorobenzene	38	U	38	330
1,3-Dichlorobenzene	30	U	30	330
1,4-Dichlorobenzene	37	U	37	330
2,4-Dinitrotoluene	11	U	11	67
2,6-Dinitrotoluene	10	U	10	67
2-Chloronaphthalene	37	U	37	330
2-Methylnaphthalene	42	U	42	330
2-Nitroaniline	140	U	140	670
3,3'-Dichlorobenzidine	120	U	120	670
3-Nitroaniline	120	U	120	670
4-Bromophenyl phenyl ether	33	U	33	330
4-Chloroaniline	87	U	87	330
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
Acenaphthene	48	U	48	330
Acenaphthylene	39	U	39	330
Anthracene	40	U	40	330
Benzo[a]anthracene	2.3	U	2.3	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[g,h,i]perylene	24	U	24	330
Benzo[k]fluoranthene	2.5	U	2.5	33
bis (2-chloroisopropyl) ether	37	U	37	330
Bis(2-chloroethoxy)methane	43	U	43	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
Bis(2-ethylhexyl) phthalate	110	U	110	330
Butyl benzyl phthalate	30	U	30	330
Carbazole	39	U	39	330
Chrysene	39	U	39	330
Dibenz(a,h)anthracene	4.2	U	4.2	33
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Dimethyl phthalate	39	U	39	330
Di-n-butyl phthalate	41	U	41	330
Di-n-octyl phthalate	21	U	21	330
Fluoranthene	44	U	44	330
Fluorene	42	U	42	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorobutadiene	8.1	U	8.1	67
Hexachlorocyclopentadiene	39	U	39	330
Hexachloroethane	3.7	U	3.7	33
Indeno[1,2,3-cd]pyrene	6.1	U	6.1	33
Isophorone	40	U	40	330
Naphthalene	38	U	38	330

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151635

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-151635/1-A	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151635	Lab File ID:	p35513.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 0720	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Nitrobenzene	4.7	U	4.7	33
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
N-Nitrosodiphenylamine	33	U	33	330
Phenanthrene	42	U	42	330
Pyrene	28	U	28	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	70	40 - 109
Nitrobenzene-d5	69	38 - 105
Terphenyl-d14	70	16 - 151

Method Blank TICs- Batch: 460-151635

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate-1	2.73	636	A J
	Unknown Aldol Condensate-2	2.97	54100	A J
	Unknown Aldol Condensate-3	3.54	27300	A J

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151635

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-151635/2-A	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151635	Lab File ID:	p35504.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0331	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	3330	2560	77	48 - 94	
1,2-Dichlorobenzene	3330	2550	77	48 - 87	
1,3-Dichlorobenzene	3330	2500	75	47 - 84	
1,4-Dichlorobenzene	3330	2520	76	47 - 85	
2,4-Dinitrotoluene	3330	2690	81	53 - 110	
2,6-Dinitrotoluene	3330	2750	83	51 - 115	
2-Chloronaphthalene	3330	2660	80	51 - 102	
2-Methylnaphthalene	3330	2660	80	51 - 98	
2-Nitroaniline	3330	2440	73	51 - 109	
3,3'-Dichlorobenzidine	3330	1890	57	24 - 105	
3-Nitroaniline	3330	1610	48	32 - 104	
4-Bromophenyl phenyl ether	3330	2920	88	44 - 102	
4-Chloroaniline	3330	1160	35	10 - 96	
4-Chlorophenyl phenyl ether	3330	2710	81	50 - 106	
4-Nitroaniline	3330	2410	72	45 - 106	
Acenaphthene	3330	2710	81	46 - 100	
Acenaphthylene	3330	2630	79	51 - 103	
Anthracene	3330	2760	83	50 - 107	
Benzo[a]anthracene	3330	2760	83	46 - 112	
Benzo[a]pyrene	3330	2820	85	36 - 89	
Benzo[b]fluoranthene	3330	2840	85	33 - 96	
Benzo[g,h,i]perylene	3330	2680	81	43 - 106	
Benzo[k]fluoranthene	3330	2790	84	35 - 115	
bis (2-chloroisopropyl) ether	3330	2690	81	45 - 102	
Bis(2-chloroethoxy)methane	3330	2750	83	51 - 100	
Bis(2-chloroethyl)ether	3330	2590	78	44 - 101	
Bis(2-ethylhexyl) phthalate	3330	2900	87	49 - 119	
Butyl benzyl phthalate	3330	2800	84	49 - 117	
Carbazole	3330	2780	84	49 - 104	
Chrysene	3330	2810	85	45 - 114	
Dibenz(a,h)anthracene	3330	2870	86	43 - 107	
Dibenzofuran	3330	2660	80	52 - 106	
Diethyl phthalate	3330	2770	83	52 - 114	
Dimethyl phthalate	3330	2790	84	52 - 112	
Di-n-butyl phthalate	3330	2850	86	50 - 108	
Di-n-octyl phthalate	3330	3030	91	40 - 106	
Fluoranthene	3330	2800	84	49 - 108	
Fluorene	3330	2670	80	51 - 108	
Hexachlorobenzene	3330	2900	87	43 - 104	
Hexachlorobutadiene	3330	2530	76	45 - 98	
Hexachlorocyclopentadiene	3330	1960	59	24 - 98	
Hexachloroethane	3330	2540	76	45 - 90	
Indeno[1,2,3-cd]pyrene	3330	2560	77	43 - 109	
Isophorone	3330	2560	77	48 - 97	
Naphthalene	3330	2760	83	53 - 94	
Nitrobenzene	3330	2580	77	42 - 106	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151635

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-151635/2-A	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151635	Lab File ID:	p35504.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0331	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	3330	2880	86	42 - 107	
N-Nitrosodiphenylamine	3330	3050	92	49 - 106	
Phenanthrene	3330	2860	86	48 - 108	
Pyrene	3330	2590	78	49 - 116	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	76	40 - 109
Nitrobenzene-d5	75	38 - 105
Terphenyl-d14	75	16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151635

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52492-A-1-A MS	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151635	Lab File ID:	p35507.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.98 g
Analysis Date:	03/19/2013 0447			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52492-A-1-B MSD	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151635	Lab File ID:	p35508.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0513			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4-Trichlorobenzene	69	62	48 - 94	12	30		
1,2-Dichlorobenzene	70	49	48 - 87	36	30		F
1,3-Dichlorobenzene	69	45	47 - 84	42	30		F
1,4-Dichlorobenzene	70	46	47 - 85	41	30		F
2,4-Dinitrotoluene	77	79	53 - 110	2	30		
2,6-Dinitrotoluene	78	77	51 - 115	2	30		
2-Chloronaphthalene	73	75	51 - 102	3	30		
2-Methylnaphthalene	76	72	51 - 98	6	30		
2-Nitroaniline	70	83	51 - 109	17	30		
3,3'-Dichlorobenzidine	55	61	24 - 105	9	30		
3-Nitroaniline	51	51	32 - 104	1	30		
4-Bromophenyl phenyl ether	78	82	44 - 102	4	30		
4-Chloroaniline	44	42	10 - 96	5	30		
4-Chlorophenyl phenyl ether	75	78	50 - 106	3	30		
4-Nitroaniline	74	73	45 - 106	2	30		
Acenaphthene	75	79	46 - 100	4	30		
Acenaphthylene	73	77	51 - 103	5	30		
Anthracene	75	79	50 - 107	6	30		
Benzo[a]anthracene	74	76	46 - 112	3	30		
Benzo[a]pyrene	74	76	36 - 89	2	30		
Benzo[b]fluoranthene	70	72	33 - 96	2	30		
Benzo[g,h,i]perylene	70	78	43 - 106	10	30		
Benzo[k]fluoranthene	74	73	35 - 115	1	30		
bis (2-chloroisopropyl) ether	74	61	45 - 102	20	30		
Bis(2-chloroethoxy)methane	78	72	51 - 100	8	30		
Bis(2-chloroethyl)ether	70	53	44 - 101	28	30		
Bis(2-ethylhexyl) phthalate	79	80	49 - 119	1	30		
Butyl benzyl phthalate	77	77	49 - 117	0	30		
Carbazole	77	80	49 - 104	4	30		
Chrysene	75	78	45 - 114	4	30		
Dibenz(a,h)anthracene	77	83	43 - 107	8	30		
Dibenzofuran	73	77	52 - 106	5	30		
Diethyl phthalate	78	78	52 - 114	1	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151635

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52492-A-1-A MS	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151635	Lab File ID:	p35507.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.98 g
Analysis Date:	03/19/2013 0447			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52492-A-1-B MSD	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151635	Lab File ID:	p35508.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 0513			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1818			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dimethyl phthalate	78	79	52 - 112	2	30		
Di-n-butyl phthalate	77	81	50 - 108	5	30		
Di-n-octyl phthalate	80	72	40 - 106	10	30		
Fluoranthene	77	81	49 - 108	5	30		
Fluorene	74	77	51 - 108	4	30		
Hexachlorobenzene	77	81	43 - 104	5	30		
Hexachlorobutadiene	68	58	45 - 98	17	30		
Hexachlorocyclopentadiene	63	64	24 - 98	1	30		
Hexachloroethane	70	47	45 - 90	40	30		F
Indeno[1,2,3-cd]pyrene	69	72	43 - 109	4	30		
Isophorone	72	68	48 - 97	7	30		
Naphthalene	76	68	53 - 94	11	30		
Nitrobenzene	74	66	42 - 106	11	30		
N-Nitrosodi-n-propylamine	83	73	42 - 107	13	30		
N-Nitrosodiphenylamine	82	85	49 - 106	3	30		
Phenanthrene	76	81	48 - 108	6	30		
Pyrene	70	68	49 - 116	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	68	70	40 - 109
Nitrobenzene-d5	69	61	38 - 105
Terphenyl-d14	66	66	16 - 151

Client: Antea USA, Inc.

Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151635

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52492-A-1-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52492-A-1-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 0447			Analysis Date:	03/19/2013 0513
Prep Date:	03/18/2013 1818			Prep Date:	03/18/2013 1818
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,2,4-Trichlorobenzene	4.2	U	3740	3730	2600	2300	
1,2-Dichlorobenzene	43	U	3740	3730	2610	1810	F
1,3-Dichlorobenzene	34	U	3740	3730	2580	1680	F
1,4-Dichlorobenzene	42	U	3740	3730	2620	1730	F
2,4-Dinitrotoluene	12	U	3740	3730	2880	2950	
2,6-Dinitrotoluene	11	U	3740	3730	2910	2860	
2-Chloronaphthalene	41	U	3740	3730	2720	2790	
2-Methylnaphthalene	48	U	3740	3730	2850	2680	
2-Nitroaniline	150	U	3740	3730	2610	3090	
3,3'-Dichlorobenzidine	130	U	3740	3730	2070	2270	
3-Nitroaniline	130	U	3740	3730	1910	1900	
4-Bromophenyl phenyl ether	37	U	3740	3730	2920	3050	
4-Chloroaniline	98	U	3740	3730	1640	1560	
4-Chlorophenyl phenyl ether	43	U	3740	3730	2820	2890	
4-Nitroaniline	120	U	3740	3730	2790	2730	
Acenaphthene	54	U	3740	3730	2820	2930	
Acenaphthylene	44	U	3740	3730	2750	2880	
Anthracene	45	U	3740	3730	2790	2960	
Benzo[a]anthracene	2.6	U	3740	3730	2750	2840	
Benzo[a]pyrene	2.6	U	3740	3730	2760	2820	
Benzo[b]fluoranthene	2.3	U	3740	3730	2640	2690	
Benzo[g,h,i]perylene	27	U	3740	3730	2640	2910	
Benzo[k]fluoranthene	2.8	U	3740	3730	2770	2740	
bis (2-chloroisopropyl) ether	41	U	3740	3730	2760	2270	
Bis(2-chloroethoxy)methane	48	U	3740	3730	2910	2700	
Bis(2-chloroethyl)ether	5.0	U	3740	3730	2630	1990	
Bis(2-ethylhexyl) phthalate	120	U	3740	3730	2960	2980	
Butyl benzyl phthalate	34	U	3740	3730	2870	2870	
Carbazole	44	U	3740	3730	2870	2980	
Chrysene	43	U	3740	3730	2800	2910	
Dibenz(a,h)anthracene	4.7	U	3740	3730	2870	3110	
Dibenzofuran	43	U	3740	3730	2740	2880	
Diethyl phthalate	44	U	3740	3730	2910	2930	
Dimethyl phthalate	44	U	3740	3730	2910	2970	
Di-n-butyl phthalate	46	U	3740	3730	2870	3030	
Di-n-octyl phthalate	24	U	3740	3730	2980	2710	
Fluoranthene	49	U	3740	3730	2880	3030	
Fluorene	47	U	3740	3730	2770	2890	
Hexachlorobenzene	5.1	U	3740	3730	2880	3040	
Hexachlorobutadiene	9.0	U	3740	3730	2560	2160	
Hexachlorocyclopentadiene	44	U	3740	3730	2370	2390	
Hexachloroethane	4.1	U	3740	3730	2610	1740	F
Indeno[1,2,3-cd]pyrene	6.9	U	3740	3730	2590	2710	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151635

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52492-A-1-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52492-A-1-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 0447			Analysis Date:	03/19/2013 0513
Prep Date:	03/18/2013 1818			Prep Date:	03/18/2013 1818
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isophorone	45	U	3740	3730	2710	2530
Naphthalene	43	U	3740	3730	2840	2550
Nitrobenzene	5.3	U	3740	3730	2750	2460
N-Nitrosodi-n-propylamine	6.2	U	3740	3730	3090	2720
N-Nitrosodiphenylamine	36	U	3740	3730	3090	3180
Phenanthrene	47	U	3740	3730	2850	3030
Pyrene	31	U	3740	3730	2620	2550

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151640 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-151640/1-A	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151640	Lab File ID:	p35581.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/20/2013 1658	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	3.7	U	3.7	33
1,2-Dichlorobenzene	38	U	38	330
1,3-Dichlorobenzene	30	U	30	330
1,4-Dichlorobenzene	37	U	37	330
2,4-Dinitrotoluene	11	U	11	67
2,6-Dinitrotoluene	10	U	10	67
2-Chloronaphthalene	37	U	37	330
2-Methylnaphthalene	42	U	42	330
2-Nitroaniline	140	U	140	670
3,3'-Dichlorobenzidine	120	U	120	670
3-Nitroaniline	120	U	120	670
4-Bromophenyl phenyl ether	33	U	33	330
4-Chloroaniline	87	U	87	330
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
Acenaphthene	48	U	48	330
Acenaphthylene	39	U	39	330
Anthracene	40	U	40	330
Benzo[a]anthracene	2.3	U	2.3	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[g,h,i]perylene	24	U	24	330
Benzo[k]fluoranthene	2.5	U	2.5	33
bis (2-chloroisopropyl) ether	37	U	37	330
Bis(2-chloroethoxy)methane	43	U	43	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
Bis(2-ethylhexyl) phthalate	110	U	110	330
Butyl benzyl phthalate	30	U	30	330
Carbazole	39	U	39	330
Chrysene	39	U	39	330
Dibenz(a,h)anthracene	4.2	U	4.2	33
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Dimethyl phthalate	39	U	39	330
Di-n-butyl phthalate	41	U	41	330
Di-n-octyl phthalate	21	U	21	330
Fluoranthene	44	U	44	330
Fluorene	42	U	42	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorobutadiene	8.1	U	8.1	67
Hexachlorocyclopentadiene	39	U	39	330
Hexachloroethane	3.7	U	3.7	33
Indeno[1,2,3-cd]pyrene	6.1	U	6.1	33
Isophorone	40	U	40	330
Naphthalene	38	U	38	330

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151640

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-151640/1-A	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151640	Lab File ID:	p35581.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/20/2013 1658	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Nitrobenzene	4.7	U	4.7	33
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
N-Nitrosodiphenylamine	33	U	33	330
Phenanthrene	42	U	42	330
Pyrene	28	U	28	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	79	40 - 109
Nitrobenzene-d5	82	38 - 105
Terphenyl-d14	79	16 - 151

Method Blank TICs- Batch: 460-151640

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate-1	2.65	1690	A J
	Unknown Aldol Condensate-2	2.89	27500	A J
	Unknown Aldol Condensate-3	3.51	341	A J

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151640

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-151640/2-A	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151640	Lab File ID:	p35582.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/20/2013 1724	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	3320	2580	78	48 - 94	
1,2-Dichlorobenzene	3320	2730	82	48 - 87	
1,3-Dichlorobenzene	3320	2760	83	47 - 84	
1,4-Dichlorobenzene	3320	2780	84	47 - 85	
2,4-Dinitrotoluene	3320	2680	81	53 - 110	
2,6-Dinitrotoluene	3320	2650	80	51 - 115	
2-Chloronaphthalene	3320	2780	84	51 - 102	
2-Methylnaphthalene	3320	2860	86	51 - 98	
2-Nitroaniline	3320	2900	87	51 - 109	
3,3'-Dichlorobenzidine	3320	2240	67	24 - 105	
3-Nitroaniline	3320	1780	54	32 - 104	
4-Bromophenyl phenyl ether	3320	2720	82	44 - 102	
4-Chloroaniline	3320	1610	48	10 - 96	
4-Chlorophenyl phenyl ether	3320	2750	83	50 - 106	
4-Nitroaniline	3320	2600	78	45 - 106	
Acenaphthene	3320	2790	84	46 - 100	
Acenaphthylene	3320	2770	83	51 - 103	
Anthracene	3320	2740	83	50 - 107	
Benzo[a]anthracene	3320	2620	79	46 - 112	
Benzo[a]pyrene	3320	2730	82	36 - 89	
Benzo[b]fluoranthene	3320	2560	77	33 - 96	
Benzo[g,h,i]perylene	3320	2660	80	43 - 106	
Benzo[k]fluoranthene	3320	2720	82	35 - 115	
bis (2-chloroisopropyl) ether	3320	2820	85	45 - 102	
Bis(2-chloroethoxy)methane	3320	2790	84	51 - 100	
Bis(2-chloroethyl)ether	3320	2670	80	44 - 101	
Bis(2-ethylhexyl) phthalate	3320	2720	82	49 - 119	
Butyl benzyl phthalate	3320	2600	78	49 - 117	
Carbazole	3320	2900	87	49 - 104	
Chrysene	3320	2730	82	45 - 114	
Dibenz(a,h)anthracene	3320	2780	84	43 - 107	
Dibenzofuran	3320	2750	83	52 - 106	
Diethyl phthalate	3320	2680	81	52 - 114	
Dimethyl phthalate	3320	2730	82	52 - 112	
Di-n-butyl phthalate	3320	2790	84	50 - 108	
Di-n-octyl phthalate	3320	2790	84	40 - 106	
Fluoranthene	3320	2790	84	49 - 108	
Fluorene	3320	2720	82	51 - 108	
Hexachlorobenzene	3320	2700	81	43 - 104	
Hexachlorobutadiene	3320	2500	75	45 - 98	
Hexachlorocyclopentadiene	3320	2280	69	24 - 98	
Hexachloroethane	3320	2720	82	45 - 90	
Indeno[1,2,3-cd]pyrene	3320	3010	91	43 - 109	
Isophorone	3320	2630	79	48 - 97	
Naphthalene	3320	2960	89	53 - 94	
Nitrobenzene	3320	2810	84	42 - 106	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151640

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-151640/2-A	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151640	Lab File ID:	p35582.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/20/2013 1724	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	3320	2190	66	42 - 107	
N-Nitrosodiphenylamine	3320	2920	88	49 - 106	
Phenanthrene	3320	2820	85	48 - 108	
Pyrene	3320	2350	71	49 - 116	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	79	40 - 109
Nitrobenzene-d5	78	38 - 105
Terphenyl-d14	69	16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151640

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-25	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151640	Lab File ID:	p35598.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 0115			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-25	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151640	Lab File ID:	p35599.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0140			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4-Trichlorobenzene	84	83	48 - 94	2	30		
1,2-Dichlorobenzene	83	87	48 - 87	5	30		
1,3-Dichlorobenzene	85	86	47 - 84	1	30	F	F
1,4-Dichlorobenzene	85	87	47 - 85	2	30		F
2,4-Dinitrotoluene	83	94	53 - 110	13	30		
2,6-Dinitrotoluene	82	96	51 - 115	15	30		
2-Chloronaphthalene	84	91	51 - 102	7	30		
2-Methylnaphthalene	83	86	51 - 98	4	30		
2-Nitroaniline	76	89	51 - 109	17	30		
3,3'-Dichlorobenzidine	75	81	24 - 105	8	30		
3-Nitroaniline	57	58	32 - 104	2	30		
4-Bromophenyl phenyl ether	86	97	44 - 102	12	30		
4-Chloroaniline	45	53	10 - 96	15	30		
4-Chlorophenyl phenyl ether	83	93	50 - 106	12	30		
4-Nitroaniline	78	91	45 - 106	15	30		
Acenaphthene	86	94	46 - 100	9	30		
Acenaphthylene	84	93	51 - 103	10	30		
Anthracene	84	93	50 - 107	10	30		
Benzo[a]anthracene	80	89	46 - 112	11	30		
Benzo[a]pyrene	80	94	36 - 89	15	30		F
Benzo[b]fluoranthene	76	86	33 - 96	13	30		
Benzo[g,h,i]perylene	92	107	43 - 106	16	30		F
Benzo[k]fluoranthene	82	95	35 - 115	15	30		
bis (2-chloroisopropyl) ether	84	91	45 - 102	8	30		
Bis(2-chloroethoxy)methane	87	92	51 - 100	6	30		
Bis(2-chloroethyl)ether	81	85	44 - 101	5	30		
Bis(2-ethylhexyl) phthalate	84	97	49 - 119	15	30		
Butyl benzyl phthalate	80	94	49 - 117	16	30		
Carbazole	89	98	49 - 104	9	30		
Chrysene	83	93	45 - 114	12	30		
Dibenz(a,h)anthracene	91	103	43 - 107	13	30		
Dibenzofuran	83	92	52 - 106	11	30		
Diethyl phthalate	86	96	52 - 114	11	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151640

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-25	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151640	Lab File ID:	p35598.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/21/2013 0115			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-25	Analysis Batch:	460-152148	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151640	Lab File ID:	p35599.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/21/2013 0140			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1852			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dimethyl phthalate	87	98	52 - 112	12	30		
Di-n-butyl phthalate	91	99	50 - 108	9	30		
Di-n-octyl phthalate	78	93	40 - 106	18	30		
Fluoranthene	88	97	49 - 108	9	30		
Fluorene	83	93	51 - 108	11	30		
Hexachlorobenzene	86	96	43 - 104	12	30		
Hexachlorobutadiene	84	81	45 - 98	3	30		
Hexachlorocyclopentadiene	73	71	24 - 98	2	30		
Hexachloroethane	84	87	45 - 90	4	30		
Indeno[1,2,3-cd]pyrene	98	101	43 - 109	3	30		
Isophorone	81	87	48 - 97	7	30		
Naphthalene	93	97	53 - 94	4	30		F
Nitrobenzene	86	87	42 - 106	0	30		
N-Nitrosodi-n-propylamine	75	70	42 - 107	6	30		
N-Nitrosodiphenylamine	93	104	49 - 106	12	30		
Phenanthrene	86	94	48 - 108	10	30		
Pyrene	71	82	49 - 116	14	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	82	87	40 - 109
Nitrobenzene-d5	80	82	38 - 105
Terphenyl-d14	70	80	16 - 151

Client: Antea USA, Inc.

Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151640

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-25	Units:	ug/Kg	MSD Lab Sample ID:	460-52450-25
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 0115			Analysis Date:	03/21/2013 0140
Prep Date:	03/18/2013 1852			Prep Date:	03/18/2013 1852
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2,4-Trichlorobenzene	4.2	U	3750	3750	3170		3100	
1,2-Dichlorobenzene	43	U	3750	3750	3110		3270	
1,3-Dichlorobenzene	34	U	3750	3750	3200	F	3230	F
1,4-Dichlorobenzene	42	U	3750	3750	3190		3260	F
2,4-Dinitrotoluene	12	U	3750	3750	3120		3530	
2,6-Dinitrotoluene	11	U	3750	3750	3090		3610	
2-Chloronaphthalene	42	U	3750	3750	3170		3400	
2-Methylnaphthalene	48	U	3750	3750	3130		3250	
2-Nitroaniline	160	U	3750	3750	2840		3350	
3,3'-Dichlorobenzidine	130	U	3750	3750	2810		3030	
3-Nitroaniline	130	U	3750	3750	2140		2170	
4-Bromophenyl phenyl ether	37	U	3750	3750	3240		3640	
4-Chloroaniline	99	U	3750	3750	1710		1990	
4-Chlorophenyl phenyl ether	44	U	3750	3750	3110		3500	
4-Nitroaniline	120	U	3750	3750	2940		3430	
Acenaphthene	54	U	3750	3750	3210		3530	
Acenaphthylene	44	U	3750	3750	3160		3500	
Anthracene	45	U	3750	3750	3150		3480	
Benzo[a]anthracene	2.6	U	3750	3750	2990		3330	
Benzo[a]pyrene	2.6	U	3750	3750	3020		3520	F
Benzo[b]fluoranthene	2.4	U	3750	3750	2840		3230	
Benzo[g,h,i]perylene	28	U	3750	3750	3450		4030	F
Benzo[k]fluoranthene	2.8	U	3750	3750	3070		3560	
bis (2-chloroisopropyl) ether	41	U	3750	3750	3150		3420	
Bis(2-chloroethoxy)methane	48	U	3750	3750	3250		3460	
Bis(2-chloroethyl)ether	5.1	U	3750	3750	3040		3200	
Bis(2-ethylhexyl) phthalate	120	U	3750	3750	3140		3630	
Butyl benzyl phthalate	34	U	3750	3750	3000		3520	
Carbazole	44	U	3750	3750	3360		3670	
Chrysene	43	U	3750	3750	3120		3510	
Dibenz(a,h)anthracene	4.7	U	3750	3750	3400		3880	
Dibenzofuran	44	U	3750	3750	3110		3460	
Diethyl phthalate	44	U	3750	3750	3220		3610	
Dimethyl phthalate	44	U	3750	3750	3270		3680	
Di-n-butyl phthalate	46	U	3750	3750	3400		3710	
Di-n-octyl phthalate	24	U	3750	3750	2930		3500	
Fluoranthene	50	U	3750	3750	3310		3620	
Fluorene	48	U	3750	3750	3100		3480	
Hexachlorobenzene	5.1	U	3750	3750	3220		3610	
Hexachlorobutadiene	9.1	U	3750	3750	3150		3050	
Hexachlorocyclopentadiene	44	U	3750	3750	2730		2680	
Hexachloroethane	4.1	U	3750	3750	3140		3260	
Indeno[1,2,3-cd]pyrene	6.9	U	3750	3750	3680		3790	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151640

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-25	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	03/21/2013 0115		
Prep Date:	03/18/2013 1852		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52450-25
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	03/21/2013 0140
Prep Date:	03/18/2013 1852
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Isophorone	45	U	3750	3750	3050	3260	
Naphthalene	43	U	3750	3750	3480	3630	F
Nitrobenzene	5.3	U	3750	3750	3240	3260	
N-Nitrosodi-n-propylamine	6.2	U	3750	3750	2820	2640	
N-Nitrosodiphenylamine	37	U	3750	3750	3480	3910	
Phenanthrene	47	U	3750	3750	3220	3550	
Pyrene	31	U	3750	3750	2670	3070	

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151648 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-151648/1-A	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151648	Lab File ID:	p35520.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.98 g
Analysis Date:	03/19/2013 1019	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	3.8	U	3.8	33
1,2-Dichlorobenzene	38	U	38	330
1,3-Dichlorobenzene	30	U	30	330
1,4-Dichlorobenzene	37	U	37	330
2,4-Dinitrotoluene	11	U	11	67
2,6-Dinitrotoluene	10	U	10	67
2-Chloronaphthalene	37	U	37	330
2-Methylnaphthalene	43	U	43	330
2-Nitroaniline	140	U	140	670
3,3'-Dichlorobenzidine	120	U	120	670
3-Nitroaniline	120	U	120	670
4-Bromophenyl phenyl ether	33	U	33	330
4-Chloroaniline	88	U	88	330
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
Acenaphthene	48	U	48	330
Acenaphthylene	39	U	39	330
Anthracene	40	U	40	330
Benzo[a]anthracene	2.3	U	2.3	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[k]fluoranthene	2.5	U	2.5	33
bis (2-chloroisopropyl) ether	37	U	37	330
Bis(2-chloroethoxy)methane	43	U	43	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
Bis(2-ethylhexyl) phthalate	110	U	110	330
Butyl benzyl phthalate	30	U	30	330
Carbazole	39	U	39	330
Chrysene	39	U	39	330
Dibenz(a,h)anthracene	4.2	U	4.2	33
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Dimethyl phthalate	39	U	39	330
Di-n-butyl phthalate	41	U	41	330
Di-n-octyl phthalate	21	U	21	330
Fluoranthene	44	U	44	330
Fluorene	42	U	42	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorobutadiene	8.1	U	8.1	67
Hexachlorocyclopentadiene	39	U	39	330
Hexachloroethane	3.7	U	3.7	33
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Isophorone	40	U	40	330
Naphthalene	38	U	38	330

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151648

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-151648/1-A	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151648	Lab File ID:	p35520.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.98 g
Analysis Date:	03/19/2013 1019	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Nitrobenzene	4.7	U	4.7	33
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
N-Nitrosodiphenylamine	33	U	33	330
Phenanthrene	42	U	42	330
Pyrene	28	U	28	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	71	40 - 109
Nitrobenzene-d5	73	38 - 105
Terphenyl-d14	76	16 - 151

Method Blank TICs- Batch: 460-151648

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate-1	2.66	569	A J
	Unknown Aldol Condensate-2	2.90	22400	A J
	Unknown Aldol Condensate-3	3.54	268	A J

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151648

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-151648/2-A	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151648	Lab File ID:	p35509.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 0538	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	3320	2410	73	48 - 94	
1,2-Dichlorobenzene	3320	2480	75	48 - 87	
1,3-Dichlorobenzene	3320	2460	74	47 - 84	
1,4-Dichlorobenzene	3320	2480	75	47 - 85	
2,4-Dinitrotoluene	3320	2720	82	53 - 110	
2,6-Dinitrotoluene	3320	2590	78	51 - 115	
2-Chloronaphthalene	3320	2440	73	51 - 102	
2-Methylnaphthalene	3320	2530	76	51 - 98	
2-Nitroaniline	3320	2740	82	51 - 109	
3,3'-Dichlorobenzidine	3320	1720	52	24 - 105	
3-Nitroaniline	3320	1600	48	32 - 104	
4-Bromophenyl phenyl ether	3320	2480	75	44 - 102	
4-Chloroaniline	3320	1240	37	10 - 96	
4-Chlorophenyl phenyl ether	3320	2640	79	50 - 106	
4-Nitroaniline	3320	2760	83	45 - 106	
Acenaphthene	3320	2570	77	46 - 100	
Acenaphthylene	3320	2510	75	51 - 103	
Anthracene	3320	2510	75	50 - 107	
Benzo[a]anthracene	3320	2400	72	46 - 112	
Benzo[a]pyrene	3320	2470	74	36 - 89	
Benzo[b]fluoranthene	3320	2390	72	33 - 96	
Benzo[g,h,i]perylene	3320	2340	70	43 - 106	
Benzo[k]fluoranthene	3320	2440	73	35 - 115	
bis (2-chloroisopropyl) ether	3320	2540	76	45 - 102	
Bis(2-chloroethoxy)methane	3320	2530	76	51 - 100	
Bis(2-chloroethyl)ether	3320	2400	72	44 - 101	
Bis(2-ethylhexyl) phthalate	3320	2620	79	49 - 119	
Butyl benzyl phthalate	3320	2560	77	49 - 117	
Carbazole	3320	2700	81	49 - 104	
Chrysene	3320	2530	76	45 - 114	
Dibenz(a,h)anthracene	3320	2540	76	43 - 107	
Dibenzofuran	3320	2520	76	52 - 106	
Diethyl phthalate	3320	2690	81	52 - 114	
Dimethyl phthalate	3320	2640	79	52 - 112	
Di-n-butyl phthalate	3320	2690	81	50 - 108	
Di-n-octyl phthalate	3320	2620	79	40 - 106	
Fluoranthene	3320	2790	84	49 - 108	
Fluorene	3320	2610	78	51 - 108	
Hexachlorobenzene	3320	2470	74	43 - 104	
Hexachlorobutadiene	3320	2430	73	45 - 98	
Hexachlorocyclopentadiene	3320	2180	66	24 - 98	
Hexachloroethane	3320	2500	75	45 - 90	
Indeno[1,2,3-cd]pyrene	3320	2190	66	43 - 109	
Isophorone	3320	2360	71	48 - 97	
Naphthalene	3320	2660	80	53 - 94	
Nitrobenzene	3320	2500	75	42 - 106	

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151648

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-151648/2-A	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151648	Lab File ID:	p35509.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 0538	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	3320	2600	78	42 - 107	
N-Nitrosodiphenylamine	3320	2660	80	49 - 106	
Phenanthrene	3320	2610	78	48 - 108	
Pyrene	3320	2330	70	49 - 116	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	69	40 - 109
Nitrobenzene-d5	70	38 - 105
Terphenyl-d14	68	16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151648

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-41	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151648	Lab File ID:	p35517.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 0901			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-41	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151648	Lab File ID:	p35518.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 0929			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4-Trichlorobenzene	72	76	48 - 94	6	30		
1,2-Dichlorobenzene	74	77	48 - 87	3	30		
1,3-Dichlorobenzene	73	75	47 - 84	3	30		
1,4-Dichlorobenzene	74	75	47 - 85	2	30		
2,4-Dinitrotoluene	85	80	53 - 110	6	30		
2,6-Dinitrotoluene	81	83	51 - 115	2	30		
2-Chloronaphthalene	75	78	51 - 102	3	30		
2-Methylnaphthalene	77	80	51 - 98	4	30		
2-Nitroaniline	86	78	51 - 109	10	30		
3,3'-Dichlorobenzidine	60	58	24 - 105	3	30		
3-Nitroaniline	50	45	32 - 104	11	30		
4-Bromophenyl phenyl ether	76	88	44 - 102	14	30		
4-Chloroaniline	41	39	10 - 96	5	30		
4-Chlorophenyl phenyl ether	78	80	50 - 106	2	30		
4-Nitroaniline	84	70	45 - 106	18	30		
Acenaphthene	79	81	46 - 100	2	30		
Acenaphthylene	77	78	51 - 103	0	30		
Anthracene	77	77	50 - 107	0	30		
Benzo[a]anthracene	75	76	46 - 112	2	30		
Benzo[a]pyrene	75	79	36 - 89	5	30		
Benzo[b]fluoranthene	70	71	33 - 96	1	30		
Benzo[g,h,i]perylene	69	80	43 - 106	15	30		
Benzo[k]fluoranthene	75	77	35 - 115	2	30		
bis (2-chloroisopropyl) ether	77	82	45 - 102	7	30		
Bis(2-chloroethoxy)methane	77	84	51 - 100	10	30		
Bis(2-chloroethyl)ether	73	78	44 - 101	7	30		
Bis(2-ethylhexyl) phthalate	82	85	49 - 119	4	30		
Butyl benzyl phthalate	81	81	49 - 117	0	30		
Carbazole	83	76	49 - 104	9	30		
Chrysene	77	80	45 - 114	4	30		
Dibenz(a,h)anthracene	74	84	43 - 107	13	30		
Dibenzofuran	77	78	52 - 106	0	30		
Diethyl phthalate	83	81	52 - 114	2	30		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151648

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-41	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151648	Lab File ID:	p35517.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 0901			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-41	Analysis Batch:	460-151725	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-151648	Lab File ID:	p35518.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 0929			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 2153			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dimethyl phthalate	84	83	52 - 112	0	30		
Di-n-butyl phthalate	84	81	50 - 108	5	30		
Di-n-octyl phthalate	76	79	40 - 106	4	30		
Fluoranthene	86	73	49 - 108	16	30		
Fluorene	78	78	51 - 108	0	30		
Hexachlorobenzene	77	86	43 - 104	10	30		
Hexachlorobutadiene	71	75	45 - 98	5	30		
Hexachlorocyclopentadiene	65	71	24 - 98	8	30		
Hexachloroethane	73	77	45 - 90	5	30		
Indeno[1,2,3-cd]pyrene	62	75	43 - 109	20	30		
Isophorone	70	79	48 - 97	12	30		
Naphthalene	79	81	53 - 94	2	30		
Nitrobenzene	74	81	42 - 106	9	30		
N-Nitrosodi-n-propylamine	83	92	42 - 107	10	30		
N-Nitrosodiphenylamine	83	93	49 - 106	11	30		
Phenanthrene	79	80	48 - 108	1	30		
Pyrene	75	74	49 - 116	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	70	74	40 - 109
Nitrobenzene-d5	67	76	38 - 105
Terphenyl-d14	71	71	16 - 151

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151648

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-41	Units:	ug/Kg	MSD Lab Sample ID:	460-52450-41
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 0901			Analysis Date:	03/19/2013 0929
Prep Date:	03/18/2013 2153			Prep Date:	03/18/2013 2153
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2,4-Trichlorobenzene	3.9	U	3480	3480	2500	2650
1,2-Dichlorobenzene	40	U	3480	3480	2590	2670
1,3-Dichlorobenzene	31	U	3480	3480	2530	2610
1,4-Dichlorobenzene	39	U	3480	3480	2560	2620
2,4-Dinitrotoluene	11	U	3480	3480	2950	2760
2,6-Dinitrotoluene	10	U	3480	3480	2810	2870
2-Chloronaphthalene	39	U	3480	3480	2620	2710
2-Methylnaphthalene	44	U	3480	3480	2680	2790
2-Nitroaniline	140	U	3480	3480	3000	2710
3,3'-Dichlorobenzidine	120	U	3480	3480	2070	2000
3-Nitroaniline	120	U	3480	3480	1740	1570
4-Bromophenyl phenyl ether	34	U	3480	3480	2640	3050
4-Chloroaniline	91	U	3480	3480	1410	1340
4-Chlorophenyl phenyl ether	41	U	3480	3480	2710	2780
4-Nitroaniline	110	U	3480	3480	2920	2450
Acenaphthene	50	U	3480	3480	2760	2800
Acenaphthylene	41	U	3480	3480	2690	2700
Anthracene	42	U	3480	3480	2680	2680
Benzo[a]anthracene	2.4	U	3480	3480	2600	2650
Benzo[a]pyrene	2.4	U	3480	3480	2620	2740
Benzo[b]fluoranthene	2.2	U	3480	3480	2450	2460
Benzo[g,h,i]perylene	26	U	3480	3480	2390	2780
Benzo[k]fluoranthene	2.6	U	3480	3480	2620	2670
bis (2-chloroisopropyl) ether	38	U	3480	3480	2670	2870
Bis(2-chloroethoxy)methane	45	U	3480	3480	2660	2940
Bis(2-chloroethyl)ether	4.7	U	3480	3480	2520	2710
Bis(2-ethylhexyl) phthalate	110	U	3480	3480	2840	2950
Butyl benzyl phthalate	32	U	3480	3480	2820	2810
Carbazole	41	U	3480	3480	2900	2660
Chrysene	40	U	3480	3480	2660	2780
Dibenz(a,h)anthracene	4.4	U	3480	3480	2590	2940
Dibenzofuran	41	U	3480	3480	2690	2700
Diethyl phthalate	41	U	3480	3480	2870	2810
Dimethyl phthalate	41	U	3480	3480	2910	2900
Di-n-butyl phthalate	43	U	3480	3480	2930	2800
Di-n-octyl phthalate	22	U	3480	3480	2640	2760
Fluoranthene	46	U	3480	3480	2990	2550
Fluorene	44	U	3480	3480	2720	2720
Hexachlorobenzene	4.7	U	3480	3480	2690	2980
Hexachlorobutadiene	8.4	U	3480	3480	2490	2600
Hexachlorocyclopentadiene	41	U	3480	3480	2260	2460
Hexachloroethane	3.8	U	3480	3480	2540	2680
Indeno[1,2,3-cd]pyrene	6.4	U	3480	3480	2140	2620

Client: Antea USA, Inc.

Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151648

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-52450-41	Units:	ug/Kg	MSD Lab Sample ID:	460-52450-41
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 0901			Analysis Date:	03/19/2013 0929
Prep Date:	03/18/2013 2153			Prep Date:	03/18/2013 2153
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isophorone	42	U	3480	3480	2430	2750
Naphthalene	40	U	3480	3480	2760	2830
Nitrobenzene	4.9	U	3480	3480	2570	2830
N-Nitrosodi-n-propylamine	5.8	U	3480	3480	2880	3190
N-Nitrosodiphenylamine	34	U	3480	3480	2880	3230
Phenanthrene	44	U	3480	3480	2760	2790
Pyrene	29	U	3480	3480	2600	2570

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151458

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-151458/1-A	Analysis Batch:	460-151554	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-151458	Lab File ID:	or200688.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1107	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/17/2013 0636			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	95	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151458 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-151458/2-A	Analysis Batch:	460-151554	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-151458	Lab File ID:	of200687.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1050	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/17/2013 0636			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	293	88	75 - 150	
Aroclor 1260	333	343	103	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	45 - 138

Lab Control Sample - Batch: 460-151458 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-151458/2-A	Analysis Batch:	460-151554	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-151458	Lab File ID:	or200687.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1050	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/17/2013 0636			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	254	76	75 - 150	
Aroclor 1260	333	331	99	72 - 150	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151458

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52380-B-1-B MS	Analysis Batch:	460-151554	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-151458	Lab File ID:	of200685.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/18/2013 1018			Final Weight/Volume:	10 mL
Prep Date:	03/17/2013 0636			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-52380-B-1-C MSD	Analysis Batch:	460-151554	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-151458	Lab File ID:	or200689.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/18/2013 1146			Final Weight/Volume:	10 mL
Prep Date:	03/17/2013 0636			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	98	102	75 - 150	2	30		
Aroclor 1016	100	102	75 - 150	2	30		
Aroclor 1260	103	111	72 - 150	4	30		
Aroclor 1260	107	111	72 - 150	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	95	101	45 - 138
DCB Decachlorobiphenyl	98	101	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151458

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52380-B-1-B MS	Units:	ug/Kg	MSD Lab Sample ID:	460-52380-B-1-C MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/18/2013 1018			Analysis Date:	03/18/2013 1146
Prep Date:	03/17/2013 0636			Prep Date:	03/17/2013 0636
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	18	U	410	410	400	419
Aroclor 1016	18	U	410	410	409	419
Aroclor 1260	23	U	410	410	422	457
Aroclor 1260	23	U	410	410	439	457

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151512

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-151512/1-A	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-151512	Lab File ID:	qr093640.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 2135	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 0857			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151512 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-151512/2-A	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-151512	Lab File ID:	qr093641.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 2154	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 0857			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	322	96	75 - 150	
Aroclor 1260	333	330	99	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	45 - 138

Lab Control Sample - Batch: 460-151512 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-151512/2-A	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-151512	Lab File ID:	qf093641.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 2154	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 0857			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	319	96	75 - 150	
Aroclor 1260	333	328	98	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151512

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52450-9	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-151512	Lab File ID:	qf093642.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	03/18/2013 2210			Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 0857			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-52450-9	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-151512	Lab File ID:	qf093643.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 2227			Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 0857			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	406	449	75 - 150	10	30	F	F
Aroclor 1260	122	124	72 - 150	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	87	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151512

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52450-9	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-151512	Lab File ID:	qr093642.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	03/18/2013 2210			Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 0857			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-52450-9	Analysis Batch:	460-151726	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-151512	Lab File ID:	qr093643.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 2227			Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 0857			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	391	382	75 - 150	2	30	F	F
Aroclor 1260	103	108	72 - 150	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	76	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151512

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52450-9	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	03/18/2013 2210		
Prep Date:	03/18/2013 0857		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52450-9
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	03/18/2013 2227
Prep Date:	03/18/2013 0857
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	16	U	360	361	1460	F	1620	F
Aroclor 1260	21	U	360	361	438		446	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151512

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52450-9	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	03/18/2013 2210		
Prep Date:	03/18/2013 0857		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52450-9
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	03/18/2013 2227
Prep Date:	03/18/2013 0857
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	16	U	360	361	1410	F	1380	F
Aroclor 1260	21	U	360	361	372		391	

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151527

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-151527/1-A	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-151527	Lab File ID:	vr483953.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1427	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 1032			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	106	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample - Batch: 460-151527 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-151527/2-A	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-151527	Lab File ID:	vf483954.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1443	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 1032			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	367	110	75 - 150	
Aroclor 1260	333	396	119	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	45 - 138

Lab Control Sample - Batch: 460-151527 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-151527/2-A	Analysis Batch:	460-151625	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-151527	Lab File ID:	vr483954.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 1443	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 1032			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	342	103	75 - 150	
Aroclor 1260	333	379	114	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151527

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52450-29	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-151527	Lab File ID:	vf484006.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1644			Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 1032			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-52450-29	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-151527	Lab File ID:	vf484007.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1700			Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 1032			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	2901	2939	75 - 150	1	30	F	F
Aroclor 1260	122	148	72 - 150	8	30		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	D X	0	D X	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151527

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52450-29	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-151527	Lab File ID:	vr484006.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1644			Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 1032			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-52450-29	Analysis Batch:	460-151721	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-151527	Lab File ID:	vr484007.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1700			Final Weight/Volume:	10 mL
Prep Date:	03/18/2013 1032			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	2834	2858	75 - 150	NC	30	F	F
Aroclor 1260	35	88	72 - 150	NC	30	F	

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	D X	0	D X	45 - 138

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151527

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52450-29	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	10		
Analysis Date:	03/19/2013 1644		
Prep Date:	03/18/2013 1032		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52450-29
Client Matrix:	Solid
Dilution:	10
Analysis Date:	03/19/2013 1700
Prep Date:	03/18/2013 1032
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	170	U	376	376	10900	F	11100	F
Aroclor 1260	760		376	376	1210		1310	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151527

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-52450-29	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	10		
Analysis Date:	03/19/2013 1644		
Prep Date:	03/18/2013 1032		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52450-29
Client Matrix:	Solid
Dilution:	10
Analysis Date:	03/19/2013 1700
Prep Date:	03/18/2013 1032
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	170	U	376	376	10700	F	10800	F
Aroclor 1260	760	J	376	376	886	F	947	

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151921

Method: 8082
Preparation: 3510C

Lab Sample ID:	MB 460-151921/1-A	Analysis Batch:	460-152113	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-151921	Lab File ID:	or200917.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/21/2013 1000	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1411			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.076	U	0.076	0.50
Aroclor 1221	0.076	U	0.076	0.50
Aroclor 1232	0.076	U	0.076	0.50
Aroclor 1242	0.076	U	0.076	0.50
Aroclor 1248	0.076	U	0.076	0.50
Aroclor 1254	0.083	U	0.083	0.50
Aroclor 1260	0.083	U	0.083	0.50
Aroclor 1262	0.083	U	0.083	0.50
Aroclor 1268	0.083	U	0.083	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	106	10 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	10 - 150

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-151921

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-151921/2-A	Analysis Batch:	460-152113	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-151921	Lab File ID:	of200915.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/21/2013 0928	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1411			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-151921/3-A	Analysis Batch:	460-152113	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-151921	Lab File ID:	of200914.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/21/2013 0912	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1411			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	108	110	72 - 144	2	30		
Aroclor 1260	112	116	67 - 149	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	93	10 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-151921

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-151921/2-A	Analysis Batch:	460-152113	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-151921	Lab File ID:	or200915.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/21/2013 0928	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1411			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-151921/3-A	Analysis Batch:	460-152113	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-151921	Lab File ID:	or200914.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/21/2013 0912	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/20/2013 1411			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	104	104	72 - 144	0	30		
Aroclor 1260	104	109	67 - 149	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	86	10 - 150

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-151921

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-151921/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-151921/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 0928			Analysis Date:	03/21/2013 0912
Prep Date:	03/20/2013 1411			Prep Date:	03/20/2013 1411
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	5.00	5.00	5.42	5.52
Aroclor 1260	5.00	5.00	5.58	5.80

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-151921

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-151921/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-151921/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 0928			Analysis Date:	03/21/2013 0912
Prep Date:	03/20/2013 1411			Prep Date:	03/20/2013 1411
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	5.00	5.00	5.21	5.19
Aroclor 1260	5.00	5.00	5.21	5.45

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151461

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-151461/1-A	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151461	Lab File ID:	gc3r0450.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 0934	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	72	50 - 105
Chlorobenzene	66	40 - 80

Lab Control Sample - Batch: 460-151461

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-151461/2-A	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151461	Lab File ID:	gc3r0451.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 0959	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	91.2	68	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	82	50 - 105
Chlorobenzene	59	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151461

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52450-1	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151461	Lab File ID:	gc3r0452.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/18/2013 1013			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-1	Analysis Batch:	460-152029	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151461	Lab File ID:	gc3r0453.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/18/2013 1026			Final Weight/Volume:	1 mL
Prep Date:	03/17/2013 0704			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	63	48	56 - 113	20	40		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	65	59	50 - 105
Chlorobenzene	66	60	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151461

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52450-1	Units:	mg/Kg	MSD Lab Sample ID:	460-52450-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/18/2013 1013			Analysis Date:	03/18/2013 1026
Prep Date:	03/17/2013 0704			Prep Date:	03/17/2013 0704
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	28	143	143	118	96.9	F

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151544

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-151544/1-A	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151544	Lab File ID:	gc3r0484.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 2140	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	71	50 - 105
Chlorobenzene	66	40 - 80

Lab Control Sample - Batch: 460-151544

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-151544/2-A	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151544	Lab File ID:	gc3r0485.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 2154	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	99.1	74	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	82	50 - 105
Chlorobenzene	67	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151544

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52450-27	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151544	Lab File ID:	gc3r0486.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/18/2013 2208			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-27	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151544	Lab File ID:	gc3r0487.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/18/2013 2223			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1139			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	23	18	56 - 113	24	40	F	F

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	17	X	14	X	50 - 105
Chlorobenzene	15	X	11	X	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151544

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52450-27	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	03/18/2013 2208		
Prep Date:	03/18/2013 1139		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52450-27
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	03/18/2013 2223
Prep Date:	03/18/2013 1139
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	5.8	U	144	144	33.4	F	26.3	F

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151545

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-151545/1-A	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151545	Lab File ID:	gc3r0514.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 0445	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1140			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	71	50 - 105
Chlorobenzene	67	40 - 80

Lab Control Sample - Batch: 460-151545

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-151545/2-A	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151545	Lab File ID:	gc3r0515.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 0459	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1140			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	99.8	75	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	85	50 - 105
Chlorobenzene	65	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151545

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52450-41	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151545	Lab File ID:	gc3r0516.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/19/2013 0513			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1140			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-41	Analysis Batch:	460-151904	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151545	Lab File ID:	gc3r0517.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 0527			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1140			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	14	13	56 - 113	13	40	F	F

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	15	X	13	X	50 - 105
Chlorobenzene	13	X	12	X	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151545

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52450-41	Units:	mg/Kg	MSD Lab Sample ID:	460-52450-41
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 0513			Analysis Date:	03/19/2013 0527
Prep Date:	03/18/2013 1140			Prep Date:	03/18/2013 1140
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	5.8	U	143	143	20.7	F	18.2	F

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151566

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-151566/1-A	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151566	Lab File ID:	gc3r0545.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1204	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1331			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	68	50 - 105
Chlorobenzene	65	40 - 80

Lab Control Sample - Batch: 460-151566

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-151566/2-A	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151566	Lab File ID:	gc3r0546.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/19/2013 1218	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1331			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	91.1	68	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	80	50 - 105
Chlorobenzene	64	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151566

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52450-20	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151566	Lab File ID:	gc3r0548.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/19/2013 1247			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1331			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52450-20	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-151566	Lab File ID:	gc3r0549.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/19/2013 1301			Final Weight/Volume:	1 mL
Prep Date:	03/18/2013 1331			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	-289	-437	56 - 113	10	40	4	4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	0	X D	0	X D	50 - 105
Chlorobenzene	0	X D	0	X D	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151566

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52450-20	Units:	mg/Kg	MSD Lab Sample ID:	460-52450-20
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	10			Dilution:	10
Analysis Date:	03/19/2013 1247			Analysis Date:	03/19/2013 1301
Prep Date:	03/18/2013 1331			Prep Date:	03/18/2013 1331
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	2800	145	145	2340	4	2130	4

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151705

Method: NJ-OQA-QAM-025
Preparation: 3510C

Lab Sample ID:	MB 460-151705/1-A	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Client Matrix:	Water	Prep Batch:	460-151705	Lab File ID:	gc3r0607.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/20/2013 0241	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	03/19/2013 0956			Injection Volume:	
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	72	51 - 123
Chlorobenzene	59	42 - 93

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-151705

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-151705/2-A	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Client Matrix:	Water	Prep Batch:	460-151705	Lab File ID:	gc3r0608.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/20/2013 0255	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	03/19/2013 0956			Injection Volume:	
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-151705/3-A	Analysis Batch:	460-152060	Instrument ID:	BNAGC3
Client Matrix:	Water	Prep Batch:	460-151705	Lab File ID:	gc3r0609.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/20/2013 0310	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	03/19/2013 0956			Injection Volume:	
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Petroleum Hydrocarbons (C8-C40)	75	81	56 - 111	8	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	85	90	51 - 123
Chlorobenzene	60	66	42 - 93

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-151705

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-151705/2-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-151705/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/20/2013 0255			Analysis Date:	03/20/2013 0310
Prep Date:	03/19/2013 0956			Prep Date:	03/19/2013 0956
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	2.00	2.00	1.49	1.62

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152134

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-152134/1-A	Analysis Batch:	460-152358	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-152134	Lab File ID:	gc3r0769.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/22/2013 0809	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/21/2013 1433			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	71	50 - 105
Chlorobenzene	68	40 - 80

Lab Control Sample - Batch: 460-152134

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-152134/2-A	Analysis Batch:	460-152358	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-152134	Lab File ID:	gc3r0770.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/22/2013 0823	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/21/2013 1433			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	117	88	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	78	50 - 105
Chlorobenzene	59	40 - 80

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152134

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52459-F-23-D MS	Analysis Batch:	460-152358	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-152134	Lab File ID:	gc3r0782.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/22/2013 1111			Final Weight/Volume:	1 mL
Prep Date:	03/21/2013 1433			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-52459-F-23-E MSD	Analysis Batch:	460-152358	Instrument ID:	BNAGC3
Client Matrix:	Solid	Prep Batch:	460-152134	Lab File ID:	gc3r0783.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/22/2013 1125			Final Weight/Volume:	1 mL
Prep Date:	03/21/2013 1433			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	-29	135	56 - 113	45	40	F	F

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	470	X D	795	X D	50 - 105
Chlorobenzene	36	X D	44		40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152134

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-52459-F-23-D MS	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	5.0		
Analysis Date:	03/22/2013 1111		
Prep Date:	03/21/2013 1433		
Leach Date:	N/A		

MSD Lab Sample ID:	460-52459-F-23-E MSD
Client Matrix:	Solid
Dilution:	5.0
Analysis Date:	03/22/2013 1125
Prep Date:	03/21/2013 1433
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	460	146	146	412	F	652	F

Client: Antea USA, Inc. Job Number: 460-52450-1

Duplicate - Batch: 460-151558

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-52450-6	Analysis Batch:	460-151558	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:	03/18/2013 1303	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	5.6	5.2	6	20	
Percent Solids	94.4	94.8	0.3	20	

Client: Antea USA, Inc. Job Number: 460-52450-1

Duplicate - Batch: 460-151567

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-52450-25	Analysis Batch:	460-151567	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:	03/18/2013 1335	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	11.3	11.6	2	20	
Percent Solids	88.7	88.4	0.3	20	

Client: Antea USA, Inc. Job Number: 460-52450-1

Duplicate - Batch: 460-151572

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-52450-44	Analysis Batch:	460-151572	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:	03/18/2013 1404	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	12.1	12.8	5	20	
Percent Solids	87.9	87.2	0.8	20	

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-151966

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	MB 460-151966/1	Analysis Batch:	460-151966	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/19/2013 1700	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	0.84	U	0.84	5.0

LCS-Certified Reference Material - Batch: 460-151966

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	LCSSRM 460-151966/2	Analysis Batch:	460-151966	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/19/2013 1700	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	53.0	50.60	95.5	88.9 - 105.8	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151966

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-52132-B-1 MS ^4	Analysis Batch:	460-151966	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/19/2013 1700			Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	460-52132-B-1 MSD ^4	Analysis Batch:	460-151966	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/19/2013 1700			Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	101	101	90 - 110	0	10		

Client: Antea USA, Inc.

Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-151966

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-52132-B-1 MS ^4	Units: mg/L	MSD Lab Sample ID:	460-52132-B-1 MSD ^4	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	4.0		Dilution:	4.0	
Analysis Date:	03/19/2013 1700		Analysis Date:	03/19/2013 1700	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride	99.3	100	100	200.6	200.6

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-152182/5	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1524	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-151620/1-A	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1524	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-152182/23	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1535	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

Client: Antea USA, Inc. Job Number: 460-52450-1

TCLP SPLPE Leachate Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-151620/1-A	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1535	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-152182/51	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1604	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-151982/1-A	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151982	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1610	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/20/2013 1904				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-152182/72	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1627	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-151620/1-A	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1627	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

TCLP SPLPE Leachate Blank - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-151982/1-A	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151982	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1704	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/20/2013 1904				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-152182 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	MB 460-152182/105	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1708	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-152182 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LB 460-151984/1-A	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151984	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1708	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/20/2013 1906				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

TCLP SPLPE Leachate Blank - Batch: 460-152182 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LB 460-151982/1-A	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151982	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1708	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/20/2013 1904				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

LCS-Certified Reference Material - Batch: 460-152182 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-152182/6	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1524	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	53.0	50.26	94.8	88.9 - 105.8	

LCS-Certified Reference Material - Batch: 460-152182 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-152182/24	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1535	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	53.0	51.18	96.6	88.9 - 105.8	

LCS-Certified Reference Material - Batch: 460-152182 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-152182/52	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1604	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	53.0	52.26	98.6	88.9 - 105.8	

LCS-Certified Reference Material - Batch: 460-152182 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-152182/73	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1627	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	53.0	51.00	96.2	88.9 - 105.8	

Client: Antea USA, Inc. Job Number: 460-52450-1

LCS-Certified Reference Material - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1708	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	53.0	51.18	96.6	88.9 - 105.8	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-1	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1535			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

MSD Lab Sample ID:	460-52450-1	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1535			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	102	102	90 - 110	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-10	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1548			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

MSD Lab Sample ID:	460-52450-10	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1548			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	99	100	90 - 110	0	10		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-19	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1615			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

MSD Lab Sample ID:	460-52450-19	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151620	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1615			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/18/2013 1635				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	101	104	90 - 110	2	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-27	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151982	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1704			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/20/2013 1904				

MSD Lab Sample ID:	460-52450-27	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151982	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1704			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/20/2013 1904				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	103	102	90 - 110	1	10		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-38	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151982	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1711			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/20/2013 1904				

MSD Lab Sample ID:	460-52450-38	Analysis Batch:	460-152182	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032113A.xls
Dilution:	1.0	Leach Batch:	460-151982	Initial Weight/Volume:	
Analysis Date:	03/21/2013 1711			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/20/2013 1904				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	105	105	90 - 110	1	10		

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-1	Units:	mg/Kg	MSD Lab Sample ID:	460-52450-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1535			Analysis Date:	03/21/2013 1535
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/18/2013 1635			Leach Date:	03/18/2013 1635

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.1	U	998	998	1015	1014

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-10	Units:	mg/Kg	MSD Lab Sample ID:	460-52450-10
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1548			Analysis Date:	03/21/2013 1548
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/18/2013 1635			Leach Date:	03/18/2013 1635

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	98.1	J	998	998	1088	1091

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-19	Units:	mg/Kg	MSD Lab Sample ID:	460-52450-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1615			Analysis Date:	03/21/2013 1615
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/18/2013 1635			Leach Date:	03/18/2013 1635

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.2	U	999	999	1013	1037

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-27	Units:	mg/Kg	MSD Lab Sample ID:	460-52450-27
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1704			Analysis Date:	03/21/2013 1704
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/20/2013 1904			Leach Date:	03/20/2013 1904

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.2	U	999	999	1034	1024

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152182

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52450-38	Units:	mg/Kg	MSD Lab Sample ID:	460-52450-38
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1711			Analysis Date:	03/21/2013 1711
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/20/2013 1904			Leach Date:	03/20/2013 1904

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.1	U	997	997	1045	1050

Client: Antea USA, Inc. Job Number: 460-52450-1

Method Blank - Batch: 460-152314

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-152314/5	Analysis Batch:	460-152314	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032213.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/22/2013 0937	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-152314

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-151984/1-A	Analysis Batch:	460-152314	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032213.xls
Dilution:	1.0	Leach Batch:	460-151984	Initial Weight/Volume:	
Analysis Date:	03/22/2013 0937	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/20/2013 1906				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

LCS-Certified Reference Material - Batch: 460-152314

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCSSRM 460-152314/6	Analysis Batch:	460-152314	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032213.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/22/2013 0937	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	53.0	50.75	95.7	88.9 - 105.8	

Client: Antea USA, Inc. Job Number: 460-52450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152314

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52459-A-2-A MS	Analysis Batch:	460-152314	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032213.xls
Dilution:	1.0	Leach Batch:	460-151984	Initial Weight/Volume:	
Analysis Date:	03/22/2013 0944			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/20/2013 1906				

MSD Lab Sample ID:	460-52459-A-2-A MSD	Analysis Batch:	460-152314	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032213.xls
Dilution:	1.0	Leach Batch:	460-151984	Initial Weight/Volume:	
Analysis Date:	03/22/2013 0944			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/20/2013 1906				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	103	105	90 - 110	2	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-152314

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-52459-A-2-A MS	Units:	mg/Kg	MSD Lab Sample ID:	460-52459-A-2-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 0944			Analysis Date:	03/22/2013 0944
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/20/2013 1906			Leach Date:	03/20/2013 1906

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.0	U	997	997	1027	1045

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	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
	*	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.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate is outside control limits
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the 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.
	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.
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-52450-1

Lab Section	Qualifier	Description
GC Semi VOA		
	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.
	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.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-151368					
460-52303-A-1-A MS	Matrix Spike	T	Solid	5035	
460-52303-A-1-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-151403					
460-52432-A-18-A MS	Matrix Spike	T	Solid	5035	
460-52432-A-18-A MSD	Matrix Spike Duplicate	T	Solid	5035	
460-52432-A-20-A MS	Matrix Spike	T	Solid	5035	
460-52432-A-20-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-151442					
460-52450-1	PMP-21-NE-VD	T	Solid	5035	
460-52450-2	PMP-21-NE-WT	T	Solid	5035	
460-52450-3	PMP-21-NE-SI	T	Solid	5035	
460-52450-4	PMP-23-NE-VS	T	Solid	5035	
460-52450-5	PMP-14-NE VS	T	Solid	5035	
460-52450-6	PMP-8-NE-VS	T	Solid	5035	
460-52450-7	PMP-8-NE-VD	T	Solid	5035	
460-52450-8	PMP-8-NE-WT	T	Solid	5035	
460-52450-9	PMP-4-NE-VS	T	Solid	5035	
460-52450-10	PMP-4-NE-VD	T	Solid	5035	
460-52450-11	PMP-22-NE-VS	T	Solid	5035	
460-52450-12	PMP-22-NE-VD	T	Solid	5035	
460-52450-13	PMP-22-NE-WT	T	Solid	5035	
460-52450-14	PMP-6-NE-VD	T	Solid	5035	
460-52450-15	PMP-6-NE-WT	T	Solid	5035	
460-52450-17	PMP-5-NE-VD	T	Solid	5035	
460-52450-20	PMP-7-NE-VD	T	Solid	5035	
460-52450-23	PMP-10-NE-VD	T	Solid	5035	
460-52450-25	PMP-10-NE-SI	T	Solid	5035	
460-52450-26	PMP-10-NE-SD	T	Solid	5035	
460-52450-27	PMP-9-NE-VD	T	Solid	5035	
460-52450-30	PMP-13-NE-VD	T	Solid	5035	
460-52450-32	PMP-13-NE-SI	T	Solid	5035	
460-52450-33	PMP-13-NE-SD	T	Solid	5035	
460-52450-34	PMP-16-NE-VD	T	Solid	5035	
460-52450-36	PMP-16-NE-SI	T	Solid	5035	
460-52450-37	PMP-15-NE-VD	T	Solid	5035	
460-52450-38	PMP-15-NE-WT	T	Solid	5035	
460-52450-39	PMP-15-NE-SI	T	Solid	5035	
460-52450-41	PMP-28-NE-VD	T	Solid	5035	
460-52450-42	PMP-28-NE-WT	T	Solid	5035	
460-52450-43	PMP-28-NE-SI	T	Solid	5035	
460-52450-44	PMP-28-NE-SD	T	Solid	5035	
460-52450-46TB	TRIP BLANK	T	Solid	5035	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-151444					
460-52450-16	PMP-6-NE-SI	T	Solid	5035	
460-52450-18	PMP-5-NE-WT	T	Solid	5035	
460-52450-19	PMP-5-NE-SI	T	Solid	5035	
460-52450-21	PMP-7-NE-WT	T	Solid	5035	
460-52450-22	PMP-7-NE-SI	T	Solid	5035	
460-52450-24	PMP-10-NE-WT	T	Solid	5035	
460-52450-28	PMP-9-NE-WT	T	Solid	5035	
460-52450-29	PMP-9-NE-SI	T	Solid	5035	
460-52450-31	PMP-13-NE-WT	T	Solid	5035	
460-52450-33DL	PMP-13-NE-SD	T	Solid	5035	
460-52450-35	PMP-16-NE-WT	T	Solid	5035	
460-52450-40	PMP-15-NE-SD	T	Solid	5035	
Analysis Batch:460-151692					
LCS 460-151692/3	Lab Control Sample	T	Solid	8260B	
MB 460-151692/4	Method Blank	T	Solid	8260B	
460-52303-A-1-A MS	Matrix Spike	T	Solid	8260B	460-151368
460-52303-A-1-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-151368
460-52450-21	PMP-7-NE-WT	T	Solid	8260B	460-151444
460-52450-28	PMP-9-NE-WT	T	Solid	8260B	460-151444
460-52450-29	PMP-9-NE-SI	T	Solid	8260B	460-151444
460-52450-31	PMP-13-NE-WT	T	Solid	8260B	460-151444
460-52450-35	PMP-16-NE-WT	T	Solid	8260B	460-151444
Analysis Batch:460-151820					
LCS 460-151820/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-151820/16	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-151820/4	Method Blank	T	Solid	8260B	
460-52450-16	PMP-6-NE-SI	T	Solid	8260B	460-151444
Analysis Batch:460-151859					
LCS 460-151859/3	Lab Control Sample	T	Water	8260B	
MB 460-151859/4	Method Blank	T	Water	8260B	
460-52448-A-3 MS	Matrix Spike	T	Water	8260B	
460-52448-A-3 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-52450-45FB	FB_031513	T	Water	8260B	
Analysis Batch:460-151869					
LCS 460-151869/3	Lab Control Sample	T	Solid	8260B	
MB 460-151869/4	Method Blank	T	Solid	8260B	
460-52432-A-20-A MS	Matrix Spike	T	Solid	8260B	460-151403
460-52432-A-20-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-151403
460-52450-18	PMP-5-NE-WT	T	Solid	8260B	460-151444
460-52450-22	PMP-7-NE-SI	T	Solid	8260B	460-151444
460-52450-24	PMP-10-NE-WT	T	Solid	8260B	460-151444

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-152022					
LCS 460-152022/3	Lab Control Sample	T	Solid	8260B	
MB 460-152022/4	Method Blank	T	Solid	8260B	
460-52432-A-18-A MS	Matrix Spike	T	Solid	8260B	460-151403
460-52432-A-18-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-151403
460-52450-40	PMP-15-NE-SD	T	Solid	8260B	460-151444
Prep Batch: 460-152096					
460-52683-B-4-A MS	Matrix Spike	T	Solid	5035	
460-52683-B-4-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:460-152224					
LCS 460-152224/3	Lab Control Sample	T	Solid	8260B	
MB 460-152224/4	Method Blank	T	Solid	8260B	
460-52450-19	PMP-5-NE-SI	T	Solid	8260B	460-151444
460-52683-B-4-A MS	Matrix Spike	T	Solid	8260B	460-152096
460-52683-B-4-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-152096
Prep Batch: 460-152364					
460-52802-A-2-A MS	Matrix Spike	T	Solid	5035	
460-52802-A-2-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:460-152371					
LCS 460-152371/16	Lab Control Sample	T	Solid	8260B	
LCSD 460-152371/20	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-152371/10	Method Blank	T	Solid	8260B	
460-52450-1	PMP-21-NE-VD	T	Solid	8260B	460-151442
460-52450-2	PMP-21-NE-WT	T	Solid	8260B	460-151442
460-52450-3	PMP-21-NE-SI	T	Solid	8260B	460-151442
460-52450-4	PMP-23-NE-VS	T	Solid	8260B	460-151442
460-52450-9	PMP-4-NE-VS	T	Solid	8260B	460-151442
460-52450-10	PMP-4-NE-VD	T	Solid	8260B	460-151442
460-52450-11	PMP-22-NE-VS	T	Solid	8260B	460-151442

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-152393					
LCS 460-152393/14	Lab Control Sample	T	Solid	8260B	
LCSD 460-152393/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-152393/5	Method Blank	T	Solid	8260B	
460-52450-5	PMP-14-NE VS	T	Solid	8260B	460-151442
460-52450-6	PMP-8-NE-VS	T	Solid	8260B	460-151442
460-52450-8	PMP-8-NE-WT	T	Solid	8260B	460-151442
460-52450-12	PMP-22-NE-VD	T	Solid	8260B	460-151442
460-52450-13	PMP-22-NE-WT	T	Solid	8260B	460-151442
460-52450-14	PMP-6-NE-VD	T	Solid	8260B	460-151442
460-52450-15	PMP-6-NE-WT	T	Solid	8260B	460-151442
460-52450-20	PMP-7-NE-VD	T	Solid	8260B	460-151442
460-52450-46TB	TRIP BLANK	T	Solid	8260B	460-151442
Analysis Batch:460-152400					
LCS 460-152400/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-152400/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-152400/5	Method Blank	T	Solid	8260B	
460-52450-7	PMP-8-NE-VD	T	Solid	8260B	460-151442
460-52450-17	PMP-5-NE-VD	T	Solid	8260B	460-151442
460-52450-23	PMP-10-NE-VD	T	Solid	8260B	460-151442
460-52450-25	PMP-10-NE-SI	T	Solid	8260B	460-151442
460-52450-26	PMP-10-NE-SD	T	Solid	8260B	460-151442
460-52450-27	PMP-9-NE-VD	T	Solid	8260B	460-151442
460-52450-30	PMP-13-NE-VD	T	Solid	8260B	460-151442
460-52450-32	PMP-13-NE-SI	T	Solid	8260B	460-151442
460-52450-33	PMP-13-NE-SD	T	Solid	8260B	460-151442
460-52450-34	PMP-16-NE-VD	T	Solid	8260B	460-151442
460-52450-36	PMP-16-NE-SI	T	Solid	8260B	460-151442
460-52450-39	PMP-15-NE-SI	T	Solid	8260B	460-151442
460-52450-41	PMP-28-NE-VD	T	Solid	8260B	460-151442
460-52450-43	PMP-28-NE-SI	T	Solid	8260B	460-151442
Analysis Batch:460-152550					
LCS 460-152550/3	Lab Control Sample	T	Solid	8260B	
MB 460-152550/4	Method Blank	T	Solid	8260B	
460-52450-33DL	PMP-13-NE-SD	T	Solid	8260B	460-151444
460-52802-A-2-A MS	Matrix Spike	T	Solid	8260B	460-152364
460-52802-A-2-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-152364

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-152683					
LCS 460-152683/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-152683/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-152683/5	Method Blank	T	Solid	8260B	
460-52450-37	PMP-15-NE-VD	T	Solid	8260B	460-151442
460-52450-38	PMP-15-NE-WT	T	Solid	8260B	460-151442
460-52450-42	PMP-28-NE-WT	T	Solid	8260B	460-151442
460-52450-44	PMP-28-NE-SD	T	Solid	8260B	460-151442

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-151520					
LCS 460-151520/2-A	Lab Control Sample	T	Solid	3541	
MB 460-151520/1-A	Method Blank	T	Solid	3541	
460-52450-1	PMP-21-NE-VD	T	Solid	3541	
460-52450-1MS	Matrix Spike	T	Solid	3541	
460-52450-1MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-151546					
LCS 460-151546/2-A	Lab Control Sample	T	Water	3510C	
MB 460-151546/1-A	Method Blank	T	Water	3510C	
460-52450-45FB	FB_031513	T	Water	3510C	
460-52468-C-3-A MS	Matrix Spike	T	Water	3510C	
460-52468-D-3-A MSD	Matrix Spike Duplicate	T	Water	3510C	
Prep Batch: 460-151635					
LCS 460-151635/2-A	Lab Control Sample	T	Solid	3541	
MB 460-151635/1-A	Method Blank	T	Solid	3541	
460-52450-2	PMP-21-NE-WT	T	Solid	3541	
460-52450-3	PMP-21-NE-SI	T	Solid	3541	
460-52450-4	PMP-23-NE-VS	T	Solid	3541	
460-52450-5	PMP-14-NE VS	T	Solid	3541	
460-52450-6	PMP-8-NE-VS	T	Solid	3541	
460-52450-7	PMP-8-NE-VD	T	Solid	3541	
460-52450-8	PMP-8-NE-WT	T	Solid	3541	
460-52450-9	PMP-4-NE-VS	T	Solid	3541	
460-52450-10	PMP-4-NE-VD	T	Solid	3541	
460-52450-11	PMP-22-NE-VS	T	Solid	3541	
460-52450-12	PMP-22-NE-VD	T	Solid	3541	
460-52450-13	PMP-22-NE-WT	T	Solid	3541	
460-52450-14	PMP-6-NE-VD	T	Solid	3541	
460-52450-15	PMP-6-NE-WT	T	Solid	3541	
460-52450-16	PMP-6-NE-SI	T	Solid	3541	
460-52450-17	PMP-5-NE-VD	T	Solid	3541	
460-52450-18	PMP-5-NE-WT	T	Solid	3541	
460-52450-19	PMP-5-NE-SI	T	Solid	3541	
460-52450-20	PMP-7-NE-VD	T	Solid	3541	
460-52492-A-1-A MS	Matrix Spike	T	Solid	3541	
460-52492-A-1-B MSD	Matrix Spike Duplicate	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-151640					
LCS 460-151640/2-A	Lab Control Sample	T	Solid	3541	
MB 460-151640/1-A	Method Blank	T	Solid	3541	
460-52450-21	PMP-7-NE-WT	T	Solid	3541	
460-52450-22	PMP-7-NE-SI	T	Solid	3541	
460-52450-23	PMP-10-NE-VD	T	Solid	3541	
460-52450-24	PMP-10-NE-WT	T	Solid	3541	
460-52450-25	PMP-10-NE-SI	T	Solid	3541	
460-52450-25MS	Matrix Spike	T	Solid	3541	
460-52450-25MSD	Matrix Spike Duplicate	T	Solid	3541	
460-52450-26	PMP-10-NE-SD	T	Solid	3541	
460-52450-27	PMP-9-NE-VD	T	Solid	3541	
460-52450-28	PMP-9-NE-WT	T	Solid	3541	
460-52450-29	PMP-9-NE-SI	T	Solid	3541	
460-52450-30	PMP-13-NE-VD	T	Solid	3541	
460-52450-31DL	PMP-13-NE-WT	T	Solid	3541	
460-52450-32	PMP-13-NE-SI	T	Solid	3541	
460-52450-33	PMP-13-NE-SD	T	Solid	3541	
460-52450-34	PMP-16-NE-VD	T	Solid	3541	
460-52450-35	PMP-16-NE-WT	T	Solid	3541	
460-52450-36	PMP-16-NE-SI	T	Solid	3541	
460-52450-37	PMP-15-NE-VD	T	Solid	3541	
460-52450-38	PMP-15-NE-WT	T	Solid	3541	
460-52450-39	PMP-15-NE-SI	T	Solid	3541	
460-52450-40	PMP-15-NE-SD	T	Solid	3541	
Prep Batch: 460-151648					
LCS 460-151648/2-A	Lab Control Sample	T	Solid	3541	
MB 460-151648/1-A	Method Blank	T	Solid	3541	
460-52450-41	PMP-28-NE-VD	T	Solid	3541	
460-52450-41MS	Matrix Spike	T	Solid	3541	
460-52450-41MSD	Matrix Spike Duplicate	T	Solid	3541	
460-52450-42	PMP-28-NE-WT	T	Solid	3541	
460-52450-43	PMP-28-NE-SI	T	Solid	3541	
460-52450-44	PMP-28-NE-SD	T	Solid	3541	
Analysis Batch:460-151725					
LCS 460-151635/2-A	Lab Control Sample	T	Solid	8270C	460-151635
MB 460-151635/1-A	Method Blank	T	Solid	8270C	460-151635
LCS 460-151648/2-A	Lab Control Sample	T	Solid	8270C	460-151648
MB 460-151648/1-A	Method Blank	T	Solid	8270C	460-151648
460-52450-41	PMP-28-NE-VD	T	Solid	8270C	460-151648
460-52450-41MS	Matrix Spike	T	Solid	8270C	460-151648
460-52450-41MSD	Matrix Spike Duplicate	T	Solid	8270C	460-151648
460-52492-A-1-A MS	Matrix Spike	T	Solid	8270C	460-151635
460-52492-A-1-B MSD	Matrix Spike Duplicate	T	Solid	8270C	460-151635

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-152146					
460-52450-20	PMP-7-NE-VD	T	Solid	8270C	460-151635
460-52450-42	PMP-28-NE-WT	T	Solid	8270C	460-151648
Analysis Batch:460-152148					
LCS 460-151640/2-A	Lab Control Sample	T	Solid	8270C	460-151640
MB 460-151640/1-A	Method Blank	T	Solid	8270C	460-151640
460-52450-22	PMP-7-NE-SI	T	Solid	8270C	460-151640
460-52450-23	PMP-10-NE-VD	T	Solid	8270C	460-151640
460-52450-24	PMP-10-NE-WT	T	Solid	8270C	460-151640
460-52450-25	PMP-10-NE-SI	T	Solid	8270C	460-151640
460-52450-25MS	Matrix Spike	T	Solid	8270C	460-151640
460-52450-25MSD	Matrix Spike Duplicate	T	Solid	8270C	460-151640
460-52450-26	PMP-10-NE-SD	T	Solid	8270C	460-151640
460-52450-27	PMP-9-NE-VD	T	Solid	8270C	460-151640
460-52450-28	PMP-9-NE-WT	T	Solid	8270C	460-151640
460-52450-29	PMP-9-NE-SI	T	Solid	8270C	460-151640
460-52450-32	PMP-13-NE-SI	T	Solid	8270C	460-151640
460-52450-33	PMP-13-NE-SD	T	Solid	8270C	460-151640
460-52450-34	PMP-16-NE-VD	T	Solid	8270C	460-151640
Analysis Batch:460-152178					
LCS 460-151520/2-A	Lab Control Sample	T	Solid	8270C	460-151520
MB 460-151520/1-A	Method Blank	T	Solid	8270C	460-151520
460-52450-1	PMP-21-NE-VD	T	Solid	8270C	460-151520
460-52450-1MS	Matrix Spike	T	Solid	8270C	460-151520
460-52450-1MSD	Matrix Spike Duplicate	T	Solid	8270C	460-151520
460-52450-35	PMP-16-NE-WT	T	Solid	8270C	460-151640
460-52450-36	PMP-16-NE-SI	T	Solid	8270C	460-151640

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-152275					
460-52450-2	PMP-21-NE-WT	T	Solid	8270C	460-151635
460-52450-3	PMP-21-NE-SI	T	Solid	8270C	460-151635
460-52450-4	PMP-23-NE-VS	T	Solid	8270C	460-151635
460-52450-5	PMP-14-NE VS	T	Solid	8270C	460-151635
460-52450-6	PMP-8-NE-VS	T	Solid	8270C	460-151635
460-52450-7	PMP-8-NE-VD	T	Solid	8270C	460-151635
460-52450-8	PMP-8-NE-WT	T	Solid	8270C	460-151635
460-52450-9	PMP-4-NE-VS	T	Solid	8270C	460-151635
460-52450-10	PMP-4-NE-VD	T	Solid	8270C	460-151635
460-52450-11	PMP-22-NE-VS	T	Solid	8270C	460-151635
460-52450-12	PMP-22-NE-VD	T	Solid	8270C	460-151635
460-52450-13	PMP-22-NE-WT	T	Solid	8270C	460-151635
460-52450-14	PMP-6-NE-VD	T	Solid	8270C	460-151635
460-52450-15	PMP-6-NE-WT	T	Solid	8270C	460-151635
460-52450-16	PMP-6-NE-SI	T	Solid	8270C	460-151635
460-52450-17	PMP-5-NE-VD	T	Solid	8270C	460-151635
460-52450-18	PMP-5-NE-WT	T	Solid	8270C	460-151635
460-52450-19	PMP-5-NE-SI	T	Solid	8270C	460-151635
460-52450-43	PMP-28-NE-SI	T	Solid	8270C	460-151648
460-52450-44	PMP-28-NE-SD	T	Solid	8270C	460-151648
Analysis Batch:460-152320					
LCS 460-151546/2-A	Lab Control Sample	T	Water	8270C	460-151546
MB 460-151546/1-A	Method Blank	T	Water	8270C	460-151546
Analysis Batch:460-152346					
460-52450-21	PMP-7-NE-WT	T	Solid	8270C	460-151640
460-52450-30	PMP-13-NE-VD	T	Solid	8270C	460-151640
460-52450-31DL	PMP-13-NE-WT	T	Solid	8270C	460-151640
460-52450-37	PMP-15-NE-VD	T	Solid	8270C	460-151640
460-52450-38	PMP-15-NE-WT	T	Solid	8270C	460-151640
460-52450-39	PMP-15-NE-SI	T	Solid	8270C	460-151640
460-52450-40	PMP-15-NE-SD	T	Solid	8270C	460-151640
Analysis Batch:460-152529					
460-52450-45FB	FB_031513	T	Water	8270C	460-151546
460-52468-C-3-A MS	Matrix Spike	T	Water	8270C	460-151546
460-52468-D-3-A MSD	Matrix Spike Duplicate	T	Water	8270C	460-151546

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-151458					
LCS 460-151458/2-A	Lab Control Sample	T	Solid	3546	
MB 460-151458/1-A	Method Blank	T	Solid	3546	
460-52380-B-1-B MS	Matrix Spike	T	Solid	3546	
460-52380-B-1-C MSD	Matrix Spike Duplicate	T	Solid	3546	
460-52450-1	PMP-21-NE-VD	T	Solid	3546	
460-52450-2	PMP-21-NE-WT	T	Solid	3546	
460-52450-3	PMP-21-NE-SI	T	Solid	3546	
460-52450-4	PMP-23-NE-VS	T	Solid	3546	
460-52450-5	PMP-14-NE VS	T	Solid	3546	
460-52450-6	PMP-8-NE-VS	T	Solid	3546	
460-52450-7	PMP-8-NE-VD	T	Solid	3546	
460-52450-8	PMP-8-NE-WT	T	Solid	3546	
460-52450-41	PMP-28-NE-VD	T	Solid	3546	
460-52450-42	PMP-28-NE-WT	T	Solid	3546	
460-52450-43	PMP-28-NE-SI	T	Solid	3546	
460-52450-44	PMP-28-NE-SD	T	Solid	3546	
Prep Batch: 460-151461					
LCS 460-151461/2-A	Lab Control Sample	T	Solid	3546	
MB 460-151461/1-A	Method Blank	T	Solid	3546	
460-52450-1	PMP-21-NE-VD	T	Solid	3546	
460-52450-1MS	Matrix Spike	T	Solid	3546	
460-52450-1MSD	Matrix Spike Duplicate	T	Solid	3546	
460-52450-2	PMP-21-NE-WT	T	Solid	3546	
460-52450-3	PMP-21-NE-SI	T	Solid	3546	
460-52450-4	PMP-23-NE-VS	T	Solid	3546	
460-52450-5	PMP-14-NE VS	T	Solid	3546	
460-52450-6	PMP-8-NE-VS	T	Solid	3546	
460-52450-7	PMP-8-NE-VD	T	Solid	3546	
460-52450-8	PMP-8-NE-WT	T	Solid	3546	
460-52450-9	PMP-4-NE-VS	T	Solid	3546	
460-52450-10	PMP-4-NE-VD	T	Solid	3546	
460-52450-11	PMP-22-NE-VS	T	Solid	3546	
460-52450-12	PMP-22-NE-VD	T	Solid	3546	
460-52450-13	PMP-22-NE-WT	T	Solid	3546	
460-52450-14	PMP-6-NE-VD	T	Solid	3546	
460-52450-15	PMP-6-NE-WT	T	Solid	3546	
460-52450-16	PMP-6-NE-SI	T	Solid	3546	
460-52450-17	PMP-5-NE-VD	T	Solid	3546	
460-52450-18	PMP-5-NE-WT	T	Solid	3546	
460-52450-19	PMP-5-NE-SI	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-151512					
LCS 460-151512/2-A	Lab Control Sample	T	Solid	3546	
MB 460-151512/1-A	Method Blank	T	Solid	3546	
460-52450-9	PMP-4-NE-VS	T	Solid	3546	
460-52450-9MS	Matrix Spike	T	Solid	3546	
460-52450-9MSD	Matrix Spike Duplicate	T	Solid	3546	
460-52450-10	PMP-4-NE-VD	T	Solid	3546	
460-52450-11	PMP-22-NE-VS	T	Solid	3546	
460-52450-12	PMP-22-NE-VD	T	Solid	3546	
460-52450-13	PMP-22-NE-WT	T	Solid	3546	
460-52450-14	PMP-6-NE-VD	T	Solid	3546	
460-52450-15	PMP-6-NE-WT	T	Solid	3546	
460-52450-16	PMP-6-NE-SI	T	Solid	3546	
460-52450-17	PMP-5-NE-VD	T	Solid	3546	
460-52450-18	PMP-5-NE-WT	T	Solid	3546	
460-52450-19	PMP-5-NE-SI	T	Solid	3546	
460-52450-20	PMP-7-NE-VD	T	Solid	3546	
460-52450-21	PMP-7-NE-WT	T	Solid	3546	
460-52450-22	PMP-7-NE-SI	T	Solid	3546	
460-52450-23	PMP-10-NE-VD	T	Solid	3546	
460-52450-24	PMP-10-NE-WT	T	Solid	3546	
460-52450-25	PMP-10-NE-SI	T	Solid	3546	
460-52450-26	PMP-10-NE-SD	T	Solid	3546	
460-52450-27	PMP-9-NE-VD	T	Solid	3546	
460-52450-28	PMP-9-NE-WT	T	Solid	3546	
Prep Batch: 460-151527					
LCS 460-151527/2-A	Lab Control Sample	T	Solid	3546	
MB 460-151527/1-A	Method Blank	T	Solid	3546	
460-52450-29	PMP-9-NE-SI	T	Solid	3546	
460-52450-29MS	Matrix Spike	T	Solid	3546	
460-52450-29MSD	Matrix Spike Duplicate	T	Solid	3546	
460-52450-30	PMP-13-NE-VD	T	Solid	3546	
460-52450-31	PMP-13-NE-WT	T	Solid	3546	
460-52450-32	PMP-13-NE-SI	T	Solid	3546	
460-52450-33	PMP-13-NE-SD	T	Solid	3546	
460-52450-34	PMP-16-NE-VD	T	Solid	3546	
460-52450-35	PMP-16-NE-WT	T	Solid	3546	
460-52450-36	PMP-16-NE-SI	T	Solid	3546	
460-52450-37	PMP-15-NE-VD	T	Solid	3546	
460-52450-38	PMP-15-NE-WT	T	Solid	3546	
460-52450-39	PMP-15-NE-SI	T	Solid	3546	
460-52450-40	PMP-15-NE-SD	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-151544					
LCS 460-151544/2-A	Lab Control Sample	T	Solid	3546	
MB 460-151544/1-A	Method Blank	T	Solid	3546	
460-52450-21	PMP-7-NE-WT	T	Solid	3546	
460-52450-22	PMP-7-NE-SI	T	Solid	3546	
460-52450-23	PMP-10-NE-VD	T	Solid	3546	
460-52450-24	PMP-10-NE-WT	T	Solid	3546	
460-52450-25	PMP-10-NE-SI	T	Solid	3546	
460-52450-26	PMP-10-NE-SD	T	Solid	3546	
460-52450-27	PMP-9-NE-VD	T	Solid	3546	
460-52450-27MS	Matrix Spike	T	Solid	3546	
460-52450-27MSD	Matrix Spike Duplicate	T	Solid	3546	
460-52450-28	PMP-9-NE-WT	T	Solid	3546	
460-52450-29	PMP-9-NE-SI	T	Solid	3546	
460-52450-30	PMP-13-NE-VD	T	Solid	3546	
460-52450-31	PMP-13-NE-WT	T	Solid	3546	
460-52450-32	PMP-13-NE-SI	T	Solid	3546	
460-52450-33	PMP-13-NE-SD	T	Solid	3546	
460-52450-34	PMP-16-NE-VD	T	Solid	3546	
460-52450-35	PMP-16-NE-WT	T	Solid	3546	
460-52450-36	PMP-16-NE-SI	T	Solid	3546	
460-52450-37	PMP-15-NE-VD	T	Solid	3546	
460-52450-38	PMP-15-NE-WT	T	Solid	3546	
460-52450-39	PMP-15-NE-SI	T	Solid	3546	
460-52450-40	PMP-15-NE-SD	T	Solid	3546	
Prep Batch: 460-151545					
LCS 460-151545/2-A	Lab Control Sample	T	Solid	3546	
MB 460-151545/1-A	Method Blank	T	Solid	3546	
460-52450-41	PMP-28-NE-VD	T	Solid	3546	
460-52450-41MS	Matrix Spike	T	Solid	3546	
460-52450-41MSD	Matrix Spike Duplicate	T	Solid	3546	
460-52450-42	PMP-28-NE-WT	T	Solid	3546	
460-52450-43	PMP-28-NE-SI	T	Solid	3546	
460-52450-44	PMP-28-NE-SD	T	Solid	3546	
Analysis Batch:460-151554					
LCS 460-151458/2-A	Lab Control Sample	T	Solid	8082	460-151458
MB 460-151458/1-A	Method Blank	T	Solid	8082	460-151458
460-52380-B-1-B MS	Matrix Spike	T	Solid	8082	460-151458
460-52380-B-1-C MSD	Matrix Spike Duplicate	T	Solid	8082	460-151458

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-151566					
LCS 460-151566/2-A	Lab Control Sample	T	Solid	3546	
MB 460-151566/1-A	Method Blank	T	Solid	3546	
460-52450-20	PMP-7-NE-VD	T	Solid	3546	
460-52450-20MS	Matrix Spike	T	Solid	3546	
460-52450-20MSD	Matrix Spike Duplicate	T	Solid	3546	
Analysis Batch:460-151607					
460-52450-1	PMP-21-NE-VD	T	Solid	8082	460-151458
460-52450-4	PMP-23-NE-VS	T	Solid	8082	460-151458
460-52450-5	PMP-14-NE VS	T	Solid	8082	460-151458
460-52450-7	PMP-8-NE-VD	T	Solid	8082	460-151458
460-52450-8	PMP-8-NE-WT	T	Solid	8082	460-151458
460-52450-41	PMP-28-NE-VD	T	Solid	8082	460-151458
460-52450-43	PMP-28-NE-SI	T	Solid	8082	460-151458
460-52450-44	PMP-28-NE-SD	T	Solid	8082	460-151458
Analysis Batch:460-151625					
LCS 460-151527/2-A	Lab Control Sample	T	Solid	8082	460-151527
MB 460-151527/1-A	Method Blank	T	Solid	8082	460-151527
460-52450-30	PMP-13-NE-VD	T	Solid	8082	460-151527
460-52450-32	PMP-13-NE-SI	T	Solid	8082	460-151527
460-52450-33	PMP-13-NE-SD	T	Solid	8082	460-151527
460-52450-34	PMP-16-NE-VD	T	Solid	8082	460-151527
460-52450-36	PMP-16-NE-SI	T	Solid	8082	460-151527
460-52450-37	PMP-15-NE-VD	T	Solid	8082	460-151527
460-52450-38	PMP-15-NE-WT	T	Solid	8082	460-151527
460-52450-39	PMP-15-NE-SI	T	Solid	8082	460-151527
Prep Batch: 460-151705					
LCS 460-151705/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-151705/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-151705/1-A	Method Blank	T	Water	3510C	
460-52450-45FB	FB_031513	T	Water	3510C	
Analysis Batch:460-151716					
460-52450-2	PMP-21-NE-WT	T	Solid	8082	460-151458
460-52450-3	PMP-21-NE-SI	T	Solid	8082	460-151458
460-52450-6	PMP-8-NE-VS	T	Solid	8082	460-151458
460-52450-42	PMP-28-NE-WT	T	Solid	8082	460-151458

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-151721					
460-52450-29	PMP-9-NE-SI	T	Solid	8082	460-151527
460-52450-29MS	Matrix Spike	T	Solid	8082	460-151527
460-52450-29MSD	Matrix Spike Duplicate	T	Solid	8082	460-151527
460-52450-31	PMP-13-NE-WT	T	Solid	8082	460-151527
460-52450-40	PMP-15-NE-SD	T	Solid	8082	460-151527
Analysis Batch:460-151722					
460-52450-11	PMP-22-NE-VS	T	Solid	8082	460-151512
460-52450-15	PMP-6-NE-WT	T	Solid	8082	460-151512
460-52450-16	PMP-6-NE-SI	T	Solid	8082	460-151512
460-52450-18	PMP-5-NE-WT	T	Solid	8082	460-151512
460-52450-19	PMP-5-NE-SI	T	Solid	8082	460-151512
460-52450-20	PMP-7-NE-VD	T	Solid	8082	460-151512
460-52450-21	PMP-7-NE-WT	T	Solid	8082	460-151512
460-52450-22	PMP-7-NE-SI	T	Solid	8082	460-151512
460-52450-28	PMP-9-NE-WT	T	Solid	8082	460-151512
Analysis Batch:460-151726					
LCS 460-151512/2-A	Lab Control Sample	T	Solid	8082	460-151512
MB 460-151512/1-A	Method Blank	T	Solid	8082	460-151512
460-52450-9	PMP-4-NE-VS	T	Solid	8082	460-151512
460-52450-9MS	Matrix Spike	T	Solid	8082	460-151512
460-52450-9MSD	Matrix Spike Duplicate	T	Solid	8082	460-151512
460-52450-10	PMP-4-NE-VD	T	Solid	8082	460-151512
460-52450-12	PMP-22-NE-VD	T	Solid	8082	460-151512
460-52450-13	PMP-22-NE-WT	T	Solid	8082	460-151512
460-52450-14	PMP-6-NE-VD	T	Solid	8082	460-151512
460-52450-17	PMP-5-NE-VD	T	Solid	8082	460-151512
460-52450-23	PMP-10-NE-VD	T	Solid	8082	460-151512
460-52450-24	PMP-10-NE-WT	T	Solid	8082	460-151512
460-52450-25	PMP-10-NE-SI	T	Solid	8082	460-151512
460-52450-26	PMP-10-NE-SD	T	Solid	8082	460-151512
460-52450-27	PMP-9-NE-VD	T	Solid	8082	460-151512
Analysis Batch:460-151867					
460-52450-35	PMP-16-NE-WT	T	Solid	8082	460-151527

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-151904					
LCS 460-151544/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-151544
MB 460-151544/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-151544
LCS 460-151545/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-151545
MB 460-151545/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-151545
460-52450-23	PMP-10-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-24	PMP-10-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-25	PMP-10-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-26	PMP-10-NE-SD	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-27	PMP-9-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-27MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-27MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-30	PMP-13-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-32	PMP-13-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-34	PMP-16-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-36	PMP-16-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-37	PMP-15-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-38	PMP-15-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-39	PMP-15-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-41	PMP-28-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151545
460-52450-41MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-151545
460-52450-41MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-151545
460-52450-43	PMP-28-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151545
460-52450-44	PMP-28-NE-SD	T	Solid	NJ-OQA-QAM-02	460-151545
Prep Batch: 460-151921					
LCS 460-151921/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-151921/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-151921/1-A	Method Blank	T	Water	3510C	
460-52450-45FB	FB_031513	T	Water	3510C	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-152029					
LCS 460-151461/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-151461
MB 460-151461/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-1	PMP-21-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-1MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-1MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-2	PMP-21-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-3	PMP-21-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-4	PMP-23-NE-VS	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-5	PMP-14-NE VS	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-6	PMP-8-NE-VS	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-7	PMP-8-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-8	PMP-8-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-10	PMP-4-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-11	PMP-22-NE-VS	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-12	PMP-22-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-13	PMP-22-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-14	PMP-6-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-15	PMP-6-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-17	PMP-5-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151461
Analysis Batch:460-152060					
LCS 460-151566/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-151566
MB 460-151566/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-151566
LCS 460-151705/2-A	Lab Control Sample	T	Water	NJ-OQA-QAM-02	460-151705
LCSD 460-151705/3-A	Lab Control Sample Duplicate	T	Water	NJ-OQA-QAM-02	460-151705
MB 460-151705/1-A	Method Blank	T	Water	NJ-OQA-QAM-02	460-151705
460-52450-9	PMP-4-NE-VS	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-16	PMP-6-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-18	PMP-5-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-19	PMP-5-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151461
460-52450-20	PMP-7-NE-VD	T	Solid	NJ-OQA-QAM-02	460-151566
460-52450-20MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-151566
460-52450-20MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-151566
460-52450-21	PMP-7-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-22	PMP-7-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-28	PMP-9-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-29	PMP-9-NE-SI	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-31	PMP-13-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-33	PMP-13-NE-SD	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-35	PMP-16-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-40	PMP-15-NE-SD	T	Solid	NJ-OQA-QAM-02	460-151544
460-52450-42	PMP-28-NE-WT	T	Solid	NJ-OQA-QAM-02	460-151545
460-52450-45FB	FB_031513	T	Water	NJ-OQA-QAM-02	460-151705

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-152113					
LCS 460-151921/2-A	Lab Control Sample	T	Water	8082	460-151921
LCSD 460-151921/3-A	Lab Control Sample Duplicate	T	Water	8082	460-151921
MB 460-151921/1-A	Method Blank	T	Water	8082	460-151921
460-52450-45FB	FB_031513	T	Water	8082	460-151921
Prep Batch: 460-152134					
LCS 460-152134/2-A	Lab Control Sample	T	Solid	3546	
MB 460-152134/1-A	Method Blank	T	Solid	3546	
460-52450-33	PMP-13-NE-SD	T	Solid	3546	
460-52459-F-23-D MS	Matrix Spike	T	Solid	3546	
460-52459-F-23-E MSD	Matrix Spike Duplicate	T	Solid	3546	
Analysis Batch:460-152358					
LCS 460-152134/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-152134
MB 460-152134/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-152134
460-52450-33	PMP-13-NE-SD	T	Solid	NJ-OQA-QAM-02	460-152134
460-52459-F-23-D MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-152134
460-52459-F-23-E MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-152134

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-151558					
460-52450-1	PMP-21-NE-VD	T	Solid	Moisture	
460-52450-2	PMP-21-NE-WT	T	Solid	Moisture	
460-52450-3	PMP-21-NE-SI	T	Solid	Moisture	
460-52450-4	PMP-23-NE-VS	T	Solid	Moisture	
460-52450-5	PMP-14-NE VS	T	Solid	Moisture	
460-52450-6	PMP-8-NE-VS	T	Solid	Moisture	
460-52450-6DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-151567					
460-52450-7	PMP-8-NE-VD	T	Solid	Moisture	
460-52450-8	PMP-8-NE-WT	T	Solid	Moisture	
460-52450-9	PMP-4-NE-VS	T	Solid	Moisture	
460-52450-10	PMP-4-NE-VD	T	Solid	Moisture	
460-52450-11	PMP-22-NE-VS	T	Solid	Moisture	
460-52450-12	PMP-22-NE-VD	T	Solid	Moisture	
460-52450-13	PMP-22-NE-WT	T	Solid	Moisture	
460-52450-14	PMP-6-NE-VD	T	Solid	Moisture	
460-52450-15	PMP-6-NE-WT	T	Solid	Moisture	
460-52450-16	PMP-6-NE-SI	T	Solid	Moisture	
460-52450-17	PMP-5-NE-VD	T	Solid	Moisture	
460-52450-18	PMP-5-NE-WT	T	Solid	Moisture	
460-52450-19	PMP-5-NE-SI	T	Solid	Moisture	
460-52450-20	PMP-7-NE-VD	T	Solid	Moisture	
460-52450-21	PMP-7-NE-WT	T	Solid	Moisture	
460-52450-22	PMP-7-NE-SI	T	Solid	Moisture	
460-52450-23	PMP-10-NE-VD	T	Solid	Moisture	
460-52450-24	PMP-10-NE-WT	T	Solid	Moisture	
460-52450-25	PMP-10-NE-SI	T	Solid	Moisture	
460-52450-25DU	Duplicate	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-151572					
460-52450-26	PMP-10-NE-SD	T	Solid	Moisture	
460-52450-27	PMP-9-NE-VD	T	Solid	Moisture	
460-52450-28	PMP-9-NE-WT	T	Solid	Moisture	
460-52450-29	PMP-9-NE-SI	T	Solid	Moisture	
460-52450-30	PMP-13-NE-VD	T	Solid	Moisture	
460-52450-31	PMP-13-NE-WT	T	Solid	Moisture	
460-52450-32	PMP-13-NE-SI	T	Solid	Moisture	
460-52450-33	PMP-13-NE-SD	T	Solid	Moisture	
460-52450-34	PMP-16-NE-VD	T	Solid	Moisture	
460-52450-35	PMP-16-NE-WT	T	Solid	Moisture	
460-52450-36	PMP-16-NE-SI	T	Solid	Moisture	
460-52450-37	PMP-15-NE-VD	T	Solid	Moisture	
460-52450-38	PMP-15-NE-WT	T	Solid	Moisture	
460-52450-39	PMP-15-NE-SI	T	Solid	Moisture	
460-52450-40	PMP-15-NE-SD	T	Solid	Moisture	
460-52450-41	PMP-28-NE-VD	T	Solid	Moisture	
460-52450-42	PMP-28-NE-WT	T	Solid	Moisture	
460-52450-43	PMP-28-NE-SI	T	Solid	Moisture	
460-52450-44	PMP-28-NE-SD	T	Solid	Moisture	
460-52450-44DU	Duplicate	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-151620					
LB 460-151620/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-52450-1	PMP-21-NE-VD	Y	Solid	D3987-85	
460-52450-1MS	Matrix Spike	Y	Solid	D3987-85	
460-52450-1MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-52450-2	PMP-21-NE-WT	Y	Solid	D3987-85	
460-52450-3	PMP-21-NE-SI	Y	Solid	D3987-85	
460-52450-4	PMP-23-NE-VS	Y	Solid	D3987-85	
460-52450-5	PMP-14-NE VS	Y	Solid	D3987-85	
460-52450-6	PMP-8-NE-VS	Y	Solid	D3987-85	
460-52450-7	PMP-8-NE-VD	Y	Solid	D3987-85	
460-52450-8	PMP-8-NE-WT	Y	Solid	D3987-85	
460-52450-9	PMP-4-NE-VS	Y	Solid	D3987-85	
460-52450-10	PMP-4-NE-VD	Y	Solid	D3987-85	
460-52450-10MS	Matrix Spike	Y	Solid	D3987-85	
460-52450-10MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-52450-11	PMP-22-NE-VS	Y	Solid	D3987-85	
460-52450-12	PMP-22-NE-VD	Y	Solid	D3987-85	
460-52450-13	PMP-22-NE-WT	Y	Solid	D3987-85	
460-52450-14	PMP-6-NE-VD	Y	Solid	D3987-85	
460-52450-15	PMP-6-NE-WT	Y	Solid	D3987-85	
460-52450-16	PMP-6-NE-SI	Y	Solid	D3987-85	
460-52450-17	PMP-5-NE-VD	Y	Solid	D3987-85	
460-52450-18	PMP-5-NE-WT	Y	Solid	D3987-85	
460-52450-19	PMP-5-NE-SI	Y	Solid	D3987-85	
460-52450-19MS	Matrix Spike	Y	Solid	D3987-85	
460-52450-19MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-52450-20	PMP-7-NE-VD	Y	Solid	D3987-85	
Analysis Batch:460-151966					
LCSSRM 460-151966/2	LCS-Certified Reference Material	T	Water	SM 4500 Cl- B	
MB 460-151966/1	Method Blank	T	Water	SM 4500 Cl- B	
460-52132-B-1 MS ^4	Matrix Spike	T	Water	SM 4500 Cl- B	
460-52132-B-1 MSD ^4	Matrix Spike Duplicate	T	Water	SM 4500 Cl- B	
460-52450-45FB	FB_031513	T	Water	SM 4500 Cl- B	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-151982					
LB 460-151982/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-52450-21	PMP-7-NE-WT	Y	Solid	D3987-85	
460-52450-22	PMP-7-NE-SI	Y	Solid	D3987-85	
460-52450-23	PMP-10-NE-VD	Y	Solid	D3987-85	
460-52450-24	PMP-10-NE-WT	Y	Solid	D3987-85	
460-52450-25	PMP-10-NE-SI	Y	Solid	D3987-85	
460-52450-26	PMP-10-NE-SD	Y	Solid	D3987-85	
460-52450-27	PMP-9-NE-VD	Y	Solid	D3987-85	
460-52450-27MS	Matrix Spike	Y	Solid	D3987-85	
460-52450-27MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-52450-28	PMP-9-NE-WT	Y	Solid	D3987-85	
460-52450-29	PMP-9-NE-SI	Y	Solid	D3987-85	
460-52450-30	PMP-13-NE-VD	Y	Solid	D3987-85	
460-52450-31	PMP-13-NE-WT	Y	Solid	D3987-85	
460-52450-32	PMP-13-NE-SI	Y	Solid	D3987-85	
460-52450-33	PMP-13-NE-SD	Y	Solid	D3987-85	
460-52450-34	PMP-16-NE-VD	Y	Solid	D3987-85	
460-52450-35	PMP-16-NE-WT	Y	Solid	D3987-85	
460-52450-36	PMP-16-NE-SI	Y	Solid	D3987-85	
460-52450-37	PMP-15-NE-VD	Y	Solid	D3987-85	
460-52450-38	PMP-15-NE-WT	Y	Solid	D3987-85	
460-52450-38MS	Matrix Spike	Y	Solid	D3987-85	
460-52450-38MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-52450-39	PMP-15-NE-SI	Y	Solid	D3987-85	
460-52450-40	PMP-15-NE-SD	Y	Solid	D3987-85	
Prep Batch: 460-151984					
LB 460-151984/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-52450-41	PMP-28-NE-VD	Y	Solid	D3987-85	
460-52450-42	PMP-28-NE-WT	Y	Solid	D3987-85	
460-52450-43	PMP-28-NE-SI	Y	Solid	D3987-85	
460-52450-44	PMP-28-NE-SD	Y	Solid	D3987-85	
460-52459-A-2-A MS	Matrix Spike	Y	Solid	D3987-85	
460-52459-A-2-A MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-152182					
LCSSRM 460-152182/106	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-152182/24	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-152182/52	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-152182/6	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-152182/73	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
MB 460-152182/105	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-152182/23	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-152182/5	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-152182/51	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-152182/72	Method Blank	T	Solid	SM 4500 Cl- E	
LB 460-151620/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-151982/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-151984/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
460-52450-1	PMP-21-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-1MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-52450-1MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-52450-2	PMP-21-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-3	PMP-21-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-4	PMP-23-NE-VS	Y	Solid	SM 4500 Cl- E	
460-52450-5	PMP-14-NE VS	Y	Solid	SM 4500 Cl- E	
460-52450-6	PMP-8-NE-VS	Y	Solid	SM 4500 Cl- E	
460-52450-7	PMP-8-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-8	PMP-8-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-9	PMP-4-NE-VS	Y	Solid	SM 4500 Cl- E	
460-52450-10	PMP-4-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-10MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-52450-10MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-52450-11	PMP-22-NE-VS	Y	Solid	SM 4500 Cl- E	
460-52450-12	PMP-22-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-13	PMP-22-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-14	PMP-6-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-15	PMP-6-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-16	PMP-6-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-17	PMP-5-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-18	PMP-5-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-19	PMP-5-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-19MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-52450-19MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-52450-20	PMP-7-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-21	PMP-7-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-22	PMP-7-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-23	PMP-10-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-24	PMP-10-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-25	PMP-10-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-26	PMP-10-NE-SD	Y	Solid	SM 4500 Cl- E	
460-52450-27	PMP-9-NE-VD	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc. Job Number: 460-52450-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-152182					
460-52450-27MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-52450-27MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-52450-28	PMP-9-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-29	PMP-9-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-30	PMP-13-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-31	PMP-13-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-32	PMP-13-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-33	PMP-13-NE-SD	Y	Solid	SM 4500 Cl- E	
460-52450-34	PMP-16-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-35	PMP-16-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-36	PMP-16-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-37	PMP-15-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-38	PMP-15-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-38MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-52450-38MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-52450-39	PMP-15-NE-SI	Y	Solid	SM 4500 Cl- E	
460-52450-40	PMP-15-NE-SD	Y	Solid	SM 4500 Cl- E	
460-52450-41	PMP-28-NE-VD	Y	Solid	SM 4500 Cl- E	
460-52450-42	PMP-28-NE-WT	Y	Solid	SM 4500 Cl- E	
460-52450-43	PMP-28-NE-SI	Y	Solid	SM 4500 Cl- E	
Analysis Batch:460-152314					
LCSSRM 460-152314/6	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
MB 460-152314/5	Method Blank	T	Solid	SM 4500 Cl- E	
LB 460-151984/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
460-52450-44	PMP-28-NE-SD	Y	Solid	SM 4500 Cl- E	
460-52459-A-2-A MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-52459-A-2-A MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	

Report Basis
Y = ASTM Leach
T = Total

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-1 **Client ID: PMP-21-NE-VD**

Sample Date/Time: 03/14/2013 09:20 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-1-A		460-152371	460-151442	03/16/2013 18:02	1	TAL EDI	DM
A:8260B	460-52450-D-1-A		460-152371	460-151442	03/22/2013 14:39	1	TAL EDI	AT
P:3541	460-52450-F-1-G		460-152178	460-151520	03/18/2013 09:52	1	TAL EDI	hp
A:8270C	460-52450-F-1-G		460-152178	460-151520	03/21/2013 08:06	1	TAL EDI	CZ
P:3546	460-52450-F-1-A		460-151607	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52450-F-1-A		460-151607	460-151458	03/18/2013 14:27	1	TAL EDI	CBB
P:3546	460-52450-F-1-D		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-1-D		460-152029	460-151461	03/18/2013 10:55	1	TAL EDI	HK
A:Moisture	460-52450-A-1		460-151558		03/18/2013 13:03	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-1-A		460-152182		03/21/2013 15:24	1	TAL EDI	MB

Lab ID: 460-52450-1 MS **Client ID: PMP-21-NE-VD**

Sample Date/Time: 03/14/2013 09:20 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-52450-F-1-E MS		460-152178	460-151520	03/18/2013 09:52	1	TAL EDI	hp
A:8270C	460-52450-F-1-E MS		460-152178	460-151520	03/21/2013 08:31	1	TAL EDI	CZ
P:3546	460-52450-F-1-B MS		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-1-B MS		460-152029	460-151461	03/18/2013 10:13	1	TAL EDI	HK
A:SM 4500 Cl- E	460-52450-A-1-A MS		460-152182		03/21/2013 15:35	1	TAL EDI	MB

Lab ID: 460-52450-1 MSD **Client ID: PMP-21-NE-VD**

Sample Date/Time: 03/14/2013 09:20 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-52450-F-1-F MSD		460-152178	460-151520	03/18/2013 09:52	1	TAL EDI	hp
A:8270C	460-52450-F-1-F MSD		460-152178	460-151520	03/21/2013 08:56	1	TAL EDI	CZ
P:3546	460-52450-F-1-C MSD		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-1-C MSD		460-152029	460-151461	03/18/2013 10:26	1	TAL EDI	HK
A:SM 4500 Cl- E	460-52450-A-1-A MSD		460-152182		03/21/2013 15:35	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-2 **Client ID: PMP-21-NE-WT**

Sample Date/Time: 03/14/2013 09:25 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-2-A		460-152371	460-151442	03/16/2013 18:04	1	TAL EDI	DM
A:8260B	460-52450-D-2-A		460-152371	460-151442	03/22/2013 15:02	1	TAL EDI	AT
P:3541	460-52450-F-2-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-2-E		460-152275	460-151635	03/19/2013 14:13	1	TAL EDI	AAA
P:3546	460-52450-F-2-A		460-151716	460-151458	03/17/2013 06:36	2	TAL EDI	ARA
A:8082	460-52450-F-2-A		460-151716	460-151458	03/19/2013 08:25	2	TAL EDI	JP
P:3546	460-52450-F-2-B		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-2-B		460-152029	460-151461	03/18/2013 11:09	1	TAL EDI	HK
A:Moisture	460-52450-F-2		460-151558		03/18/2013 13:03	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-2-A		460-152182		03/21/2013 15:24	1	TAL EDI	MB

Lab ID: 460-52450-3 **Client ID: PMP-21-NE-SI**

Sample Date/Time: 03/14/2013 09:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-3-A		460-152371	460-151442	03/16/2013 18:07	1	TAL EDI	DM
A:8260B	460-52450-D-3-A		460-152371	460-151442	03/22/2013 15:25	1	TAL EDI	AT
P:3541	460-52450-F-3-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-3-E		460-152275	460-151635	03/19/2013 14:38	1	TAL EDI	AAA
P:3546	460-52450-F-3-A		460-151716	460-151458	03/17/2013 06:36	2	TAL EDI	ARA
A:8082	460-52450-F-3-A		460-151716	460-151458	03/19/2013 08:42	2	TAL EDI	JP
P:3546	460-52450-F-3-B		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-3-B		460-152029	460-151461	03/18/2013 11:23	1	TAL EDI	HK
A:Moisture	460-52450-F-3		460-151558		03/18/2013 13:03	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-3-A		460-152182		03/21/2013 15:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-4 **Client ID: PMP-23-NE-VS**

Sample Date/Time: 03/14/2013 10:15 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-4-A		460-152371	460-151442	03/16/2013 18:10	1	TAL EDI	DM
A:8260B	460-52450-D-4-A		460-152371	460-151442	03/22/2013 15:48	1	TAL EDI	AT
P:3541	460-52450-F-4-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-4-E		460-152275	460-151635	03/20/2013 00:18	1	TAL EDI	AAA
P:3546	460-52450-F-4-A		460-151607	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52450-F-4-A		460-151607	460-151458	03/18/2013 15:15	1	TAL EDI	CBB
P:3546	460-52450-F-4-B		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-4-B		460-152029	460-151461	03/18/2013 11:37	1	TAL EDI	HK
A:Moisture	460-52450-F-4		460-151558		03/18/2013 13:03	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-4-A		460-152182		03/21/2013 15:24	1	TAL EDI	MB

Lab ID: 460-52450-5 **Client ID: PMP-14-NE VS**

Sample Date/Time: 03/14/2013 09:45 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-5-A		460-152393	460-151442	03/16/2013 18:13	1	TAL EDI	DM
A:8260B	460-52450-D-5-A		460-152393	460-151442	03/23/2013 01:13	1	TAL EDI	EM
P:3541	460-52450-F-5-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-5-E		460-152275	460-151635	03/19/2013 22:12	1	TAL EDI	AAA
P:3546	460-52450-F-5-A		460-151607	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52450-F-5-A		460-151607	460-151458	03/18/2013 15:31	1	TAL EDI	CBB
P:3546	460-52450-F-5-B		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-5-B		460-152029	460-151461	03/18/2013 12:19	1	TAL EDI	HK
A:Moisture	460-52450-F-5		460-151558		03/18/2013 13:03	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-5-A		460-152182		03/21/2013 15:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-6 **Client ID: PMP-8-NE-VS**

Sample Date/Time: 03/14/2013 10:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-6-A		460-152393	460-151442	03/16/2013 18:15	1	TAL EDI	DM
A:8260B	460-52450-D-6-A		460-152393	460-151442	03/23/2013 01:36	1	TAL EDI	EM
P:3541	460-52450-F-6-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-6-E		460-152275	460-151635	03/19/2013 23:03	1	TAL EDI	AAA
P:3546	460-52450-F-6-A		460-151716	460-151458	03/17/2013 06:36	5	TAL EDI	ARA
A:8082	460-52450-F-6-A		460-151716	460-151458	03/19/2013 08:58	5	TAL EDI	JP
P:3546	460-52450-F-6-B		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-6-B		460-152029	460-151461	03/18/2013 12:33	1	TAL EDI	HK
A:Moisture	460-52450-F-6		460-151558		03/18/2013 13:03	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-6-A		460-152182		03/21/2013 15:24	1	TAL EDI	MB

Lab ID: 460-52450-6 DU **Client ID: PMP-8-NE-VS**

Sample Date/Time: 03/14/2013 10:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-52450-F-6 DU		460-151558		03/18/2013 13:03	1	TAL EDI	CHA

Lab ID: 460-52450-7 **Client ID: PMP-8-NE-VD**

Sample Date/Time: 03/14/2013 10:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-E-7-A		460-152400	460-151442	03/16/2013 18:19	1	TAL EDI	DM
A:8260B	460-52450-E-7-A		460-152400	460-151442	03/23/2013 09:19	1	TAL EDI	AT
P:3541	460-52450-F-7-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-7-E		460-152275	460-151635	03/19/2013 15:03	1	TAL EDI	AAA
P:3546	460-52450-F-7-A		460-151607	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52450-F-7-A		460-151607	460-151458	03/18/2013 16:04	1	TAL EDI	CBB
P:3546	460-52450-F-7-B		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-7-B		460-152029	460-151461	03/18/2013 12:47	1	TAL EDI	HK
A:Moisture	460-52450-F-7		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-7-A		460-152182		03/21/2013 15:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-8 **Client ID: PMP-8-NE-WT**

Sample Date/Time: 03/14/2013 10:40 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-8-A		460-152393	460-151442	03/16/2013 18:21	1	TAL EDI	DM
A:8260B	460-52450-D-8-A		460-152393	460-151442	03/23/2013 02:22	1	TAL EDI	EM
P:3541	460-52450-F-8-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-8-E		460-152275	460-151635	03/19/2013 15:29	1	TAL EDI	AAA
P:3546	460-52450-F-8-A		460-151607	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52450-F-8-A		460-151607	460-151458	03/18/2013 16:21	1	TAL EDI	CBB
P:3546	460-52450-F-8-B		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-8-B		460-152029	460-151461	03/18/2013 13:01	1	TAL EDI	HK
A:Moisture	460-52450-F-8		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-8-A		460-152182		03/21/2013 15:27	1	TAL EDI	MB

Lab ID: 460-52450-9 **Client ID: PMP-4-NE-VS**

Sample Date/Time: 03/14/2013 10:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-9-A		460-152371	460-151442	03/16/2013 18:23	1	TAL EDI	DM
A:8260B	460-52450-D-9-A		460-152371	460-151442	03/22/2013 17:42	1	TAL EDI	AT
P:3541	460-52450-F-9-G		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-9-G		460-152275	460-151635	03/19/2013 23:28	1	TAL EDI	AAA
P:3546	460-52450-F-9-D		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-9-D		460-151726	460-151512	03/18/2013 22:44	1	TAL EDI	CBB
P:3546	460-52450-F-9-A		460-152060	460-151461	03/17/2013 07:04	5	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-9-A		460-152060	460-151461	03/19/2013 13:57	5	TAL EDI	DN
A:Moisture	460-52450-F-9		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-9-A		460-152182		03/21/2013 15:27	1	TAL EDI	MB

Lab ID: 460-52450-9 MS **Client ID: PMP-4-NE-VS**

Sample Date/Time: 03/14/2013 10:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-52450-F-9-B MS		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-9-B MS		460-151726	460-151512	03/18/2013 22:10	1	TAL EDI	CBB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-9 MSD **Client ID: PMP-4-NE-VS**

Sample Date/Time: 03/14/2013 10:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-52450-F-9-C MSD		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-9-C MSD		460-151726	460-151512	03/18/2013 22:27	1	TAL EDI	CBB

Lab ID: 460-52450-10 **Client ID: PMP-4-NE-VD**

Sample Date/Time: 03/14/2013 10:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-10-A		460-152371	460-151442	03/16/2013 18:26	1	TAL EDI	DM
A:8260B	460-52450-D-10-A		460-152371	460-151442	03/22/2013 18:05	1	TAL EDI	AT
P:3541	460-52450-F-10-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-10-E		460-152275	460-151635	03/19/2013 23:53	1	TAL EDI	AAA
P:3546	460-52450-F-10-B		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-10-B		460-151726	460-151512	03/18/2013 23:01	1	TAL EDI	CBB
P:3546	460-52450-F-10-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-10-A		460-152029	460-151461	03/18/2013 13:29	1	TAL EDI	HK
A:Moisture	460-52450-F-10		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-10-A		460-152182		03/21/2013 15:38	1	TAL EDI	MB

Lab ID: 460-52450-10 MS **Client ID: PMP-4-NE-VD**

Sample Date/Time: 03/14/2013 10:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-52450-A-10-A MS		460-152182		03/21/2013 15:48	1	TAL EDI	MB

Lab ID: 460-52450-10 MSD **Client ID: PMP-4-NE-VD**

Sample Date/Time: 03/14/2013 10:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-52450-A-10-A MSD		460-152182		03/21/2013 15:48	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-11 **Client ID: PMP-22-NE-VS**

Sample Date/Time: 03/14/2013 11:25 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-11-A		460-152371	460-151442	03/16/2013 18:29	1	TAL EDI	DM
A:8260B	460-52450-D-11-A		460-152371	460-151442	03/22/2013 18:28	1	TAL EDI	AT
P:3541	460-52450-F-11-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-11-E		460-152275	460-151635	03/19/2013 22:37	1	TAL EDI	AAA
P:3546	460-52450-F-11-B		460-151722	460-151512	03/18/2013 08:57	10	TAL EDI	ARA
A:8082	460-52450-F-11-B		460-151722	460-151512	03/19/2013 10:44	10	TAL EDI	CBB
P:3546	460-52450-F-11-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-11-A		460-152029	460-151461	03/18/2013 13:43	1	TAL EDI	HK
A:Moisture	460-52450-F-11		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-11-A		460-152182		03/21/2013 15:38	1	TAL EDI	MB

Lab ID: 460-52450-12 **Client ID: PMP-22-NE-VD**

Sample Date/Time: 03/14/2013 11:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-12-A		460-152393	460-151442	03/16/2013 18:32	1	TAL EDI	DM
A:8260B	460-52450-D-12-A		460-152393	460-151442	03/23/2013 02:45	1	TAL EDI	EM
P:3541	460-52450-F-12-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-12-E		460-152275	460-151635	03/19/2013 15:54	1	TAL EDI	AAA
P:3546	460-52450-F-12-B		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-12-B		460-151726	460-151512	03/18/2013 23:35	1	TAL EDI	CBB
P:3546	460-52450-F-12-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-12-A		460-152029	460-151461	03/18/2013 13:57	1	TAL EDI	HK
A:Moisture	460-52450-F-12		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-12-A		460-152182		03/21/2013 15:38	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-13 **Client ID: PMP-22-NE-WT**

Sample Date/Time: 03/14/2013 11:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-13-A		460-152393	460-151442	03/16/2013 18:34	1	TAL EDI	DM
A:8260B	460-52450-D-13-A		460-152393	460-151442	03/23/2013 03:08	1	TAL EDI	EM
P:3541	460-52450-F-13-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-13-E		460-152275	460-151635	03/19/2013 16:19	1	TAL EDI	AAA
P:3546	460-52450-F-13-B		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-13-B		460-151726	460-151512	03/18/2013 23:52	1	TAL EDI	CBB
P:3546	460-52450-F-13-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-13-A		460-152029	460-151461	03/18/2013 14:12	1	TAL EDI	HK
A:Moisture	460-52450-F-13		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-13-A		460-152182		03/21/2013 15:38	1	TAL EDI	MB

Lab ID: 460-52450-14 **Client ID: PMP-6-NE-VD**

Sample Date/Time: 03/14/2013 11:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-14-A		460-152393	460-151442	03/16/2013 18:37	1	TAL EDI	DM
A:8260B	460-52450-D-14-A		460-152393	460-151442	03/23/2013 03:31	1	TAL EDI	EM
P:3541	460-52450-F-14-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-14-E		460-152275	460-151635	03/19/2013 16:44	1	TAL EDI	AAA
P:3546	460-52450-F-14-B		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-14-B		460-151726	460-151512	03/19/2013 00:09	1	TAL EDI	CBB
P:3546	460-52450-F-14-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-14-A		460-152029	460-151461	03/18/2013 14:54	1	TAL EDI	HK
A:Moisture	460-52450-F-14		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-14-A		460-152182		03/21/2013 15:38	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-15 **Client ID: PMP-6-NE-WT**

Sample Date/Time: 03/14/2013 11:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-15-A		460-152393	460-151442	03/16/2013 18:40	1	TAL EDI	DM
A:8260B	460-52450-D-15-A		460-152393	460-151442	03/23/2013 03:53	1	TAL EDI	EM
P:3541	460-52450-F-15-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-15-E		460-152275	460-151635	03/19/2013 17:10	1	TAL EDI	AAA
P:3546	460-52450-F-15-B		460-151722	460-151512	03/18/2013 08:57	5	TAL EDI	ARA
A:8082	460-52450-F-15-B		460-151722	460-151512	03/19/2013 11:01	5	TAL EDI	CBB
P:3546	460-52450-F-15-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-15-A		460-152029	460-151461	03/18/2013 15:08	1	TAL EDI	HK
A:Moisture	460-52450-F-15		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-15-A		460-152182		03/21/2013 15:41	1	TAL EDI	MB

Lab ID: 460-52450-16 **Client ID: PMP-6-NE-SI**

Sample Date/Time: 03/14/2013 12:00 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-16-A		460-151820	460-151444	03/16/2013 18:13	50	TAL EDI	DM
A:8260B	460-52450-B-16-A		460-151820	460-151444	03/20/2013 03:00	50	TAL EDI	AT
P:3541	460-52450-F-16-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-16-E		460-152275	460-151635	03/19/2013 17:35	1	TAL EDI	AAA
P:3546	460-52450-F-16-B		460-151722	460-151512	03/18/2013 08:57	5	TAL EDI	ARA
A:8082	460-52450-F-16-B		460-151722	460-151512	03/19/2013 11:18	5	TAL EDI	CBB
P:3546	460-52450-F-16-A		460-152060	460-151461	03/17/2013 07:04	5	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-16-A		460-152060	460-151461	03/19/2013 14:11	5	TAL EDI	DN
A:Moisture	460-52450-F-16		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-16-A		460-152182		03/21/2013 15:41	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-17 **Client ID: PMP-5-NE-VD**

Sample Date/Time: 03/14/2013 12:20 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-E-17-A		460-152400	460-151442	03/16/2013 18:47	1	TAL EDI	DM
A:8260B	460-52450-E-17-A		460-152400	460-151442	03/23/2013 09:42	1	TAL EDI	AT
P:3541	460-52450-F-17-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-17-E		460-152275	460-151635	03/19/2013 18:00	1	TAL EDI	AAA
P:3546	460-52450-F-17-B		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-17-B		460-151726	460-151512	03/19/2013 00:59	1	TAL EDI	CBB
P:3546	460-52450-F-17-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-17-A		460-152029	460-151461	03/18/2013 15:36	1	TAL EDI	HK
A:Moisture	460-52450-F-17		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-17-A		460-152182		03/21/2013 15:41	1	TAL EDI	MB

Lab ID: 460-52450-18 **Client ID: PMP-5-NE-WT**

Sample Date/Time: 03/14/2013 12:25 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-18-A		460-151869	460-151444	03/16/2013 18:11	50	TAL EDI	DM
A:8260B	460-52450-B-18-A		460-151869	460-151444	03/20/2013 14:04	50	TAL EDI	AT
P:3541	460-52450-F-18-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-18-E		460-152275	460-151635	03/19/2013 18:26	1	TAL EDI	AAA
P:3546	460-52450-F-18-B		460-151722	460-151512	03/18/2013 08:57	20	TAL EDI	ARA
A:8082	460-52450-F-18-B		460-151722	460-151512	03/19/2013 11:35	20	TAL EDI	CBB
P:3546	460-52450-F-18-A		460-152060	460-151461	03/17/2013 07:04	10	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-18-A		460-152060	460-151461	03/19/2013 14:25	10	TAL EDI	DN
A:Moisture	460-52450-F-18		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-18-A		460-152182		03/21/2013 15:41	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-19 **Client ID: PMP-5-NE-SI**

Sample Date/Time: 03/14/2013 12:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-C-19-A		460-152224	460-151444	03/16/2013 18:12	50	TAL EDI	DM
A:8260B	460-52450-C-19-A		460-152224	460-151444	03/22/2013 07:17	50	TAL EDI	KB
P:3541	460-52450-F-19-E		460-152275	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-19-E		460-152275	460-151635	03/19/2013 18:51	1	TAL EDI	AAA
P:3546	460-52450-F-19-B		460-151722	460-151512	03/18/2013 08:57	5	TAL EDI	ARA
A:8082	460-52450-F-19-B		460-151722	460-151512	03/19/2013 11:52	5	TAL EDI	CBB
P:3546	460-52450-F-19-A		460-152060	460-151461	03/17/2013 07:04	5	TAL EDI	ARA
A:NJ-OQA-QAM-025	460-52450-F-19-A		460-152060	460-151461	03/19/2013 14:39	5	TAL EDI	DN
A:Moisture	460-52450-F-19		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-19-A		460-152182		03/21/2013 16:04	1	TAL EDI	MB

Lab ID: 460-52450-19 MS **Client ID: PMP-5-NE-SI**

Sample Date/Time: 03/14/2013 12:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-52450-A-19-A MS		460-152182		03/21/2013 16:15	1	TAL EDI	MB

Lab ID: 460-52450-19 MSD **Client ID: PMP-5-NE-SI**

Sample Date/Time: 03/14/2013 12:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-52450-A-19-A MSD		460-152182		03/21/2013 16:15	1	TAL EDI	MB

Lab ID: 460-52450-20 **Client ID: PMP-7-NE-VD**

Sample Date/Time: 03/14/2013 13:45 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-20-A		460-152393	460-151442	03/16/2013 18:54	1	TAL EDI	DM
A:8260B	460-52450-D-20-A		460-152393	460-151442	03/23/2013 05:25	1	TAL EDI	EM
P:3541	460-52450-F-20-E		460-152146	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52450-F-20-E		460-152146	460-151635	03/20/2013 12:23	1	TAL EDI	CZ
P:3546	460-52450-F-20-A		460-151722	460-151512	03/18/2013 08:57	50	TAL EDI	ARA
A:8082	460-52450-F-20-A		460-151722	460-151512	03/19/2013 13:22	50	TAL EDI	CBB
P:3546	460-52450-F-20-D		460-152060	460-151566	03/18/2013 13:31	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-20-D		460-152060	460-151566	03/19/2013 13:15	10	TAL EDI	DN
A:Moisture	460-52450-F-20		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-20-A		460-152182		03/21/2013 16:04	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-20 MS **Client ID: PMP-7-NE-VD**

Sample Date/Time: 03/14/2013 13:45 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-52450-F-20-B MS		460-152060	460-151566	03/18/2013 13:31	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-20-B MS		460-152060	460-151566	03/19/2013 12:47	10	TAL EDI	DN

Lab ID: 460-52450-20 MSD **Client ID: PMP-7-NE-VD**

Sample Date/Time: 03/14/2013 13:45 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-52450-F-20-H MSD		460-152060	460-151566	03/18/2013 13:31	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-20-H MSD		460-152060	460-151566	03/19/2013 13:01	10	TAL EDI	DN

Lab ID: 460-52450-21 **Client ID: PMP-7-NE-WT**

Sample Date/Time: 03/14/2013 13:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-21-A		460-151692	460-151444	03/16/2013 18:12	50	TAL EDI	DM
A:8260B	460-52450-B-21-A		460-151692	460-151444	03/19/2013 13:07	50	TAL EDI	AT
P:3541	460-52450-F-21-C		460-152346	460-151640	03/18/2013 18:52	5	TAL EDI	JS
A:8270C	460-52450-F-21-C		460-152346	460-151640	03/21/2013 21:31	5	TAL EDI	CZ
P:3546	460-52450-F-21-A		460-151722	460-151512	03/18/2013 08:57	100	TAL EDI	ARA
A:8082	460-52450-F-21-A		460-151722	460-151512	03/19/2013 12:26	100	TAL EDI	CBB
P:3546	460-52450-F-21-B		460-152060	460-151544	03/18/2013 11:39	20	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-21-B		460-152060	460-151544	03/19/2013 14:53	20	TAL EDI	DN
A:Moisture	460-52450-F-21		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-21-A		460-152182		03/21/2013 16:10	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-22 **Client ID: PMP-7-NE-SI**

Sample Date/Time: 03/14/2013 13:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-22-A		460-151869	460-151444	03/16/2013 18:12	100	TAL EDI	DM
A:8260B	460-52450-B-22-A		460-151869	460-151444	03/20/2013 13:19	100	TAL EDI	AT
P:3541	460-52450-F-22-C		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-22-C		460-152148	460-151640	03/20/2013 23:34	1	TAL EDI	CZ
P:3546	460-52450-F-22-A		460-151722	460-151512	03/18/2013 08:57	50	TAL EDI	ARA
A:8082	460-52450-F-22-A		460-151722	460-151512	03/19/2013 12:44	50	TAL EDI	CBB
P:3546	460-52450-F-22-B		460-152060	460-151544	03/18/2013 11:39	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-22-B		460-152060	460-151544	03/19/2013 15:07	10	TAL EDI	DN
A:Moisture	460-52450-F-22		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-22-A		460-152182		03/21/2013 16:10	1	TAL EDI	MB

Lab ID: 460-52450-23 **Client ID: PMP-10-NE-VD**

Sample Date/Time: 03/14/2013 14:25 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-E-23-A		460-152400	460-151442	03/16/2013 19:03	1	TAL EDI	DM
A:8260B	460-52450-E-23-A		460-152400	460-151442	03/23/2013 10:28	1	TAL EDI	AT
P:3541	460-52450-F-23-C		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-23-C		460-152148	460-151640	03/20/2013 23:59	1	TAL EDI	CZ
P:3546	460-52450-F-23-A		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-23-A		460-151726	460-151512	03/19/2013 02:40	1	TAL EDI	CBB
P:3546	460-52450-F-23-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-23-B		460-151904	460-151544	03/18/2013 23:21	1	TAL EDI	HK
A:Moisture	460-52450-F-23		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-23-A		460-152182		03/21/2013 16:12	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-24 **Client ID: PMP-10-NE-WT**

Sample Date/Time: 03/14/2013 14:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-24-A		460-151869	460-151444	03/16/2013 18:13	50	TAL EDI	DM
A:8260B	460-52450-B-24-A		460-151869	460-151444	03/20/2013 13:42	50	TAL EDI	AT
P:3541	460-52450-F-24-C		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-24-C		460-152148	460-151640	03/21/2013 00:24	1	TAL EDI	CZ
P:3546	460-52450-F-24-A		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-24-A		460-151726	460-151512	03/19/2013 02:57	1	TAL EDI	CBB
P:3546	460-52450-F-24-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-24-B		460-151904	460-151544	03/18/2013 23:35	1	TAL EDI	HK
A:Moisture	460-52450-F-24		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-24-A		460-152182		03/21/2013 16:12	1	TAL EDI	MB

Lab ID: 460-52450-25 **Client ID: PMP-10-NE-SI**

Sample Date/Time: 03/14/2013 14:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-E-25-A		460-152400	460-151442	03/16/2013 19:09	1	TAL EDI	DM
A:8260B	460-52450-E-25-A		460-152400	460-151442	03/23/2013 10:51	1	TAL EDI	AT
P:3541	460-52450-F-25-E		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-25-E		460-152148	460-151640	03/21/2013 00:49	1	TAL EDI	CZ
P:3546	460-52450-F-25-A		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-25-A		460-151726	460-151512	03/19/2013 03:14	1	TAL EDI	CBB
P:3546	460-52450-F-25-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-25-B		460-151904	460-151544	03/18/2013 23:50	1	TAL EDI	HK
A:Moisture	460-52450-F-25		460-151567		03/18/2013 13:35	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-25-A		460-152182		03/21/2013 16:12	1	TAL EDI	MB

Lab ID: 460-52450-25 MS **Client ID: PMP-10-NE-SI**

Sample Date/Time: 03/14/2013 14:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-52450-F-25-C MS		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-25-C MS		460-152148	460-151640	03/21/2013 01:15	1	TAL EDI	CZ

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-25 MSD **Client ID: PMP-10-NE-SI**

Sample Date/Time: 03/14/2013 14:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-52450-F-25-D MSD		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-25-D MSD		460-152148	460-151640	03/21/2013 01:40	1	TAL EDI	CZ

Lab ID: 460-52450-25 DU **Client ID: PMP-10-NE-SI**

Sample Date/Time: 03/14/2013 14:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-52450-F-25 DU		460-151567		03/18/2013 13:35	1	TAL EDI	CHA

Lab ID: 460-52450-26 **Client ID: PMP-10-NE-SD**

Sample Date/Time: 03/14/2013 14:40 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-26-A		460-152400	460-151442	03/16/2013 19:10	1	TAL EDI	DM
A:8260B	460-52450-D-26-A		460-152400	460-151442	03/23/2013 11:14	1	TAL EDI	AT
P:3541	460-52450-F-26-C		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-26-C		460-152148	460-151640	03/21/2013 02:05	1	TAL EDI	CZ
P:3546	460-52450-F-26-A		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-26-A		460-151726	460-151512	03/19/2013 03:31	1	TAL EDI	CBB
P:3546	460-52450-F-26-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-26-B		460-151904	460-151544	03/19/2013 00:33	1	TAL EDI	HK
A:Moisture	460-52450-F-26		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-26-A		460-152182		03/21/2013 16:12	1	TAL EDI	MB

Lab ID: 460-52450-27 **Client ID: PMP-9-NE-VD**

Sample Date/Time: 03/14/2013 14:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-27-A		460-152400	460-151442	03/16/2013 19:13	1	TAL EDI	DM
A:8260B	460-52450-D-27-A		460-152400	460-151442	03/23/2013 11:37	1	TAL EDI	AT
P:3541	460-52450-F-27-E		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-27-E		460-152148	460-151640	03/21/2013 02:30	1	TAL EDI	CZ
P:3546	460-52450-F-27-A		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	460-52450-F-27-A		460-151726	460-151512	03/19/2013 03:48	1	TAL EDI	CBB
P:3546	460-52450-F-27-D		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-27-D		460-151904	460-151544	03/18/2013 22:37	1	TAL EDI	HK
A:Moisture	460-52450-F-27		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-27-A		460-152182		03/21/2013 16:27	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-27 MS **Client ID: PMP-9-NE-VD**

Sample Date/Time: 03/14/2013 14:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-52450-F-27-B MS		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-27-B MS		460-151904	460-151544	03/18/2013 22:08	1	TAL EDI	HK
A:SM 4500 Cl- E	460-52450-A-27-A MS		460-152182		03/21/2013 17:04	1	TAL EDI	MB

Lab ID: 460-52450-27 MSD **Client ID: PMP-9-NE-VD**

Sample Date/Time: 03/14/2013 14:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-52450-F-27-C MSD		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-27-C MSD		460-151904	460-151544	03/18/2013 22:23	1	TAL EDI	HK
A:SM 4500 Cl- E	460-52450-A-27-A MSD		460-152182		03/21/2013 17:04	1	TAL EDI	MB

Lab ID: 460-52450-28 **Client ID: PMP-9-NE-WT**

Sample Date/Time: 03/14/2013 14:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-28-A		460-151692	460-151444	03/16/2013 18:07	50	TAL EDI	DM
A:8260B	460-52450-B-28-A		460-151692	460-151444	03/19/2013 13:52	50	TAL EDI	AT
P:3541	460-52450-F-28-C		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-28-C		460-152148	460-151640	03/21/2013 02:56	1	TAL EDI	CZ
P:3546	460-52450-F-28-A		460-151722	460-151512	03/18/2013 08:57	50	TAL EDI	ARA
A:8082	460-52450-F-28-A		460-151722	460-151512	03/19/2013 13:01	50	TAL EDI	CBB
P:3546	460-52450-F-28-B		460-152060	460-151544	03/18/2013 11:39	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-28-B		460-152060	460-151544	03/19/2013 15:21	10	TAL EDI	DN
A:Moisture	460-52450-F-28		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-28-A		460-152182		03/21/2013 16:27	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-29 **Client ID: PMP-9-NE-SI**

Sample Date/Time: 03/14/2013 15:00 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-29-A		460-151692	460-151444	03/16/2013 18:07	50	TAL EDI	DM
A:8260B	460-52450-B-29-A		460-151692	460-151444	03/19/2013 14:15	50	TAL EDI	AT
P:3541	460-52450-F-29-E		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-29-E		460-152148	460-151640	03/21/2013 03:21	1	TAL EDI	CZ
P:3546	460-52450-F-29-C		460-151721	460-151527	03/18/2013 10:32	10	TAL EDI	ARA
A:8082	460-52450-F-29-C		460-151721	460-151527	03/19/2013 17:16	10	TAL EDI	JP
P:3546	460-52450-F-29-D		460-152060	460-151544	03/18/2013 11:39	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-29-D		460-152060	460-151544	03/19/2013 15:36	5	TAL EDI	DN
A:Moisture	460-52450-F-29		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-29-A		460-152182		03/21/2013 16:27	1	TAL EDI	MB

Lab ID: 460-52450-29 MS **Client ID: PMP-9-NE-SI**

Sample Date/Time: 03/14/2013 15:00 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-52450-F-29-A MS		460-151721	460-151527	03/18/2013 10:32	10	TAL EDI	ARA
A:8082	460-52450-F-29-A MS		460-151721	460-151527	03/19/2013 16:44	10	TAL EDI	JP

Lab ID: 460-52450-29 MSD **Client ID: PMP-9-NE-SI**

Sample Date/Time: 03/14/2013 15:00 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-52450-F-29-F MSD		460-151721	460-151527	03/18/2013 10:32	10	TAL EDI	ARA
A:8082	460-52450-F-29-F MSD		460-151721	460-151527	03/19/2013 17:00	10	TAL EDI	JP

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-30 **Client ID: PMP-13-NE-VD**

Sample Date/Time: 03/14/2013 15:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-30-A		460-152400	460-151442	03/16/2013 19:21	1	TAL EDI	DM
A:8260B	460-52450-D-30-A		460-152400	460-151442	03/23/2013 12:00	1	TAL EDI	AT
P:3541	460-52450-F-30-C		460-152346	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-30-C		460-152346	460-151640	03/21/2013 21:56	1	TAL EDI	CZ
P:3546	460-52450-F-30-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	460-52450-F-30-A		460-151625	460-151527	03/18/2013 15:48	1	TAL EDI	CBB
P:3546	460-52450-F-30-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-30-B		460-151904	460-151544	03/19/2013 01:16	1	TAL EDI	HK
A:Moisture	460-52450-F-30		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-30-A		460-152182		03/21/2013 16:27	1	TAL EDI	MB

Lab ID: 460-52450-31 **Client ID: PMP-13-NE-WT**

Sample Date/Time: 03/14/2013 15:40 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-31-A		460-151692	460-151444	03/16/2013 18:07	50	TAL EDI	DM
A:8260B	460-52450-B-31-A		460-151692	460-151444	03/19/2013 14:37	50	TAL EDI	AT
P:3541	460-52450-F-31-C	DL	460-152346	460-151640	03/18/2013 18:52	10	TAL EDI	JS
A:8270C	460-52450-F-31-C	DL	460-152346	460-151640	03/21/2013 22:21	10	TAL EDI	CZ
P:3546	460-52450-F-31-A		460-151721	460-151527	03/18/2013 10:32	50	TAL EDI	ARA
A:8082	460-52450-F-31-A		460-151721	460-151527	03/19/2013 17:32	50	TAL EDI	JP
P:3546	460-52450-F-31-B		460-152060	460-151544	03/18/2013 11:39	20	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-31-B		460-152060	460-151544	03/19/2013 15:50	20	TAL EDI	DN
A:Moisture	460-52450-F-31		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-31-A		460-152182		03/21/2013 16:27	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-32 **Client ID: PMP-13-NE-SI**

Sample Date/Time: 03/14/2013 15:45 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-32-A		460-152400	460-151442	03/16/2013 19:26	1	TAL EDI	DM
A:8260B	460-52450-D-32-A		460-152400	460-151442	03/23/2013 12:23	1	TAL EDI	AT
P:3541	460-52450-F-32-C		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-32-C		460-152148	460-151640	03/20/2013 21:54	1	TAL EDI	CZ
P:3546	460-52450-F-32-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	460-52450-F-32-A		460-151625	460-151527	03/18/2013 16:20	1	TAL EDI	CBB
P:3546	460-52450-F-32-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-32-B		460-151904	460-151544	03/19/2013 01:45	1	TAL EDI	HK
A:Moisture	460-52450-F-32		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-32-A		460-152182		03/21/2013 16:27	1	TAL EDI	MB

Lab ID: 460-52450-33 **Client ID: PMP-13-NE-SD**

Sample Date/Time: 03/14/2013 15:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-33-A		460-152400	460-151442	03/16/2013 19:29	1	TAL EDI	DM
A:8260B	460-52450-D-33-A		460-152400	460-151442	03/23/2013 12:45	1	TAL EDI	AT
P:5035	460-52450-B-33-A	DL	460-152550	460-151444	03/16/2013 18:07	50	TAL EDI	DM
A:8260B	460-52450-B-33-A	DL	460-152550	460-151444	03/25/2013 10:51	50	TAL EDI	AT
P:3541	460-52450-F-33-C		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-33-C		460-152148	460-151640	03/20/2013 22:19	1	TAL EDI	CZ
P:3546	460-52450-F-33-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	460-52450-F-33-A		460-151625	460-151527	03/18/2013 16:36	1	TAL EDI	CBB
P:3546	460-52450-F-33-B		460-152060	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-33-B		460-152060	460-151544	03/19/2013 16:04	1	TAL EDI	DN
P:3546	460-52450-F-33-D		460-152358	460-152134	03/21/2013 14:33	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-33-D		460-152358	460-152134	03/22/2013 09:49	1	TAL EDI	DN
A:Moisture	460-52450-F-33		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-33-A		460-152182		03/21/2013 16:28	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-34 **Client ID: PMP-16-NE-VD**

Sample Date/Time: 03/14/2013 16:15 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-34-A		460-152400	460-151442	03/16/2013 19:32	1	TAL EDI	DM
A:8260B	460-52450-D-34-A		460-152400	460-151442	03/23/2013 16:37	1	TAL EDI	AT
P:3541	460-52450-F-34-C		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-34-C		460-152148	460-151640	03/20/2013 22:44	1	TAL EDI	CZ
P:3546	460-52450-F-34-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	460-52450-F-34-A		460-151625	460-151527	03/18/2013 16:52	1	TAL EDI	CBB
P:3546	460-52450-F-34-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-34-B		460-151904	460-151544	03/19/2013 02:08	1	TAL EDI	HK
A:Moisture	460-52450-F-34		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-34-A		460-152182		03/21/2013 17:04	1	TAL EDI	MB

Lab ID: 460-52450-35 **Client ID: PMP-16-NE-WT**

Sample Date/Time: 03/14/2013 16:20 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-35-A		460-151692	460-151444	03/16/2013 18:07	50	TAL EDI	DM
A:8260B	460-52450-B-35-A		460-151692	460-151444	03/19/2013 14:59	50	TAL EDI	AT
P:3541	460-52450-F-35-C		460-152178	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-35-C		460-152178	460-151640	03/21/2013 14:51	1	TAL EDI	CZ
P:3546	460-52450-F-35-A		460-151867	460-151527	03/18/2013 10:32	20	TAL EDI	ARA
A:8082	460-52450-F-35-A		460-151867	460-151527	03/19/2013 12:24	20	TAL EDI	JP
P:3546	460-52450-F-35-B		460-152060	460-151544	03/18/2013 11:39	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-35-B		460-152060	460-151544	03/19/2013 16:46	10	TAL EDI	DN
A:Moisture	460-52450-F-35		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-35-A		460-152182		03/21/2013 17:04	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-36 **Client ID: PMP-16-NE-SI**

Sample Date/Time: 03/14/2013 16:25 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-36-A		460-152400	460-151442	03/16/2013 19:37	1	TAL EDI	DM
A:8260B	460-52450-D-36-A		460-152400	460-151442	03/23/2013 13:31	1	TAL EDI	AT
P:3541	460-52450-F-36-C		460-152178	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-36-C		460-152178	460-151640	03/21/2013 15:16	1	TAL EDI	CZ
P:3546	460-52450-F-36-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	460-52450-F-36-A		460-151625	460-151527	03/18/2013 17:24	1	TAL EDI	CBB
P:3546	460-52450-F-36-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-36-B		460-151904	460-151544	03/19/2013 03:05	1	TAL EDI	HK
A:Moisture	460-52450-F-36		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-36-A		460-152182		03/21/2013 17:08	1	TAL EDI	MB

Lab ID: 460-52450-37 **Client ID: PMP-15-NE-VD**

Sample Date/Time: 03/14/2013 16:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-E-37-A		460-152683	460-151442	03/16/2013 19:41	1	TAL EDI	DM
A:8260B	460-52450-E-37-A		460-152683	460-151442	03/25/2013 20:07	1	TAL EDI	AT
P:3541	460-52450-F-37-C		460-152346	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-37-C		460-152346	460-151640	03/21/2013 22:47	1	TAL EDI	CZ
P:3546	460-52450-F-37-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	460-52450-F-37-A		460-151625	460-151527	03/18/2013 17:40	1	TAL EDI	CBB
P:3546	460-52450-F-37-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-37-B		460-151904	460-151544	03/19/2013 03:19	1	TAL EDI	HK
A:Moisture	460-52450-F-37		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-37-A		460-152182		03/21/2013 17:08	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-38 **Client ID: PMP-15-NE-WT**

Sample Date/Time: 03/14/2013 16:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-E-38-A		460-152683	460-151442	03/16/2013 19:44	1	TAL EDI	DM
A:8260B	460-52450-E-38-A		460-152683	460-151442	03/25/2013 20:32	1	TAL EDI	AT
P:3541	460-52450-F-38-C		460-152346	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-38-C		460-152346	460-151640	03/21/2013 19:25	1	TAL EDI	CZ
P:3546	460-52450-F-38-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	460-52450-F-38-A		460-151625	460-151527	03/18/2013 17:56	1	TAL EDI	CBB
P:3546	460-52450-F-38-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-38-B		460-151904	460-151544	03/19/2013 03:33	1	TAL EDI	HK
A:Moisture	460-52450-F-38		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-38-A		460-152182		03/21/2013 17:08	1	TAL EDI	MB

Lab ID: 460-52450-38 MS **Client ID: PMP-15-NE-WT**

Sample Date/Time: 03/14/2013 16:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-52450-A-38-A MS		460-152182		03/21/2013 17:11	1	TAL EDI	MB

Lab ID: 460-52450-38 MSD **Client ID: PMP-15-NE-WT**

Sample Date/Time: 03/14/2013 16:55 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-52450-A-38-A MSD		460-152182		03/21/2013 17:11	1	TAL EDI	MB

Lab ID: 460-52450-39 **Client ID: PMP-15-NE-SI**

Sample Date/Time: 03/14/2013 17:00 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-39-A		460-152400	460-151442	03/16/2013 19:45	1	TAL EDI	DM
A:8260B	460-52450-D-39-A		460-152400	460-151442	03/23/2013 14:40	1	TAL EDI	AT
P:3541	460-52450-F-39-C		460-152346	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	460-52450-F-39-C		460-152346	460-151640	03/21/2013 19:50	1	TAL EDI	CZ
P:3546	460-52450-F-39-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	460-52450-F-39-A		460-151625	460-151527	03/18/2013 18:12	1	TAL EDI	CBB
P:3546	460-52450-F-39-B		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-39-B		460-151904	460-151544	03/19/2013 03:48	1	TAL EDI	HK
A:Moisture	460-52450-F-39		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-39-A		460-152182		03/21/2013 17:08	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-40 **Client ID: PMP-15-NE-SD**

Sample Date/Time: 03/14/2013 17:05 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-B-40-A		460-152022	460-151444	03/16/2013 18:07	50	TAL EDI	DM
A:8260B	460-52450-B-40-A		460-152022	460-151444	03/21/2013 09:03	50	TAL EDI	AT
P:3541	460-52450-F-40-C		460-152346	460-151640	03/18/2013 18:52	5	TAL EDI	JS
A:8270C	460-52450-F-40-C		460-152346	460-151640	03/21/2013 20:16	5	TAL EDI	CZ
P:3546	460-52450-F-40-A		460-151721	460-151527	03/18/2013 10:32	20	TAL EDI	ARA
A:8082	460-52450-F-40-A		460-151721	460-151527	03/19/2013 18:05	20	TAL EDI	JP
P:3546	460-52450-F-40-B		460-152060	460-151544	03/18/2013 11:39	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-40-B		460-152060	460-151544	03/19/2013 17:00	10	TAL EDI	DN
A:Moisture	460-52450-F-40		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-40-A		460-152182		03/21/2013 17:08	1	TAL EDI	MB

Lab ID: 460-52450-41 **Client ID: PMP-28-NE-VD**

Sample Date/Time: 03/14/2013 17:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-41-A		460-152400	460-151442	03/16/2013 19:51	1	TAL EDI	DM
A:8260B	460-52450-D-41-A		460-152400	460-151442	03/23/2013 15:03	1	TAL EDI	AT
P:3541	460-52450-F-41-G		460-151725	460-151648	03/18/2013 21:53	1	TAL EDI	JS
A:8270C	460-52450-F-41-G		460-151725	460-151648	03/19/2013 09:53	1	TAL EDI	MC
P:3546	460-52450-F-41-A		460-151607	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52450-F-41-A		460-151607	460-151458	03/18/2013 16:38	1	TAL EDI	CBB
P:3546	460-52450-F-41-D		460-151904	460-151545	03/18/2013 11:40	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-41-D		460-151904	460-151545	03/19/2013 05:41	1	TAL EDI	HK
A:Moisture	460-52450-F-41		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-41-A		460-152182		03/21/2013 17:08	1	TAL EDI	MB

Lab ID: 460-52450-41 MS **Client ID: PMP-28-NE-VD**

Sample Date/Time: 03/14/2013 17:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-52450-F-41-E MS		460-151725	460-151648	03/18/2013 21:53	1	TAL EDI	JS
A:8270C	460-52450-F-41-E MS		460-151725	460-151648	03/19/2013 09:01	1	TAL EDI	MC
P:3546	460-52450-F-41-B MS		460-151904	460-151545	03/18/2013 11:40	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-41-B MS		460-151904	460-151545	03/19/2013 05:13	1	TAL EDI	HK

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-41 MSD **Client ID: PMP-28-NE-VD**

Sample Date/Time: 03/14/2013 17:35 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-52450-F-41-F MSD		460-151725	460-151648	03/18/2013 21:53	1	TAL EDI	JS
A:8270C	460-52450-F-41-F MSD		460-151725	460-151648	03/19/2013 09:29	1	TAL EDI	MC
P:3546	460-52450-F-41-C MSD		460-151904	460-151545	03/18/2013 11:40	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-41-C MSD		460-151904	460-151545	03/19/2013 05:27	1	TAL EDI	HK

Lab ID: 460-52450-42 **Client ID: PMP-28-NE-WT**

Sample Date/Time: 03/14/2013 17:40 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-E-42-A		460-152683	460-151442	03/16/2013 19:55	1	TAL EDI	DM
A:8260B	460-52450-E-42-A		460-152683	460-151442	03/25/2013 21:22	1	TAL EDI	AT
P:3541	460-52450-F-42-C		460-152146	460-151648	03/18/2013 21:53	1	TAL EDI	JS
A:8270C	460-52450-F-42-C		460-152146	460-151648	03/20/2013 11:32	1	TAL EDI	CZ
P:3546	460-52450-F-42-A		460-151716	460-151458	03/17/2013 06:36	10	TAL EDI	ARA
A:8082	460-52450-F-42-A		460-151716	460-151458	03/19/2013 09:14	10	TAL EDI	JP
P:3546	460-52450-F-42-B		460-152060	460-151545	03/18/2013 11:40	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-42-B		460-152060	460-151545	03/19/2013 18:54	10	TAL EDI	DN
A:Moisture	460-52450-F-42		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-42-A		460-152182		03/21/2013 17:11	1	TAL EDI	MB

Lab ID: 460-52450-43 **Client ID: PMP-28-NE-SI**

Sample Date/Time: 03/14/2013 17:45 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-D-43-A		460-152400	460-151442	03/16/2013 19:56	1	TAL EDI	DM
A:8260B	460-52450-D-43-A		460-152400	460-151442	03/23/2013 15:49	1	TAL EDI	AT
P:3541	460-52450-F-43-C		460-152275	460-151648	03/18/2013 21:53	1	TAL EDI	JS
A:8270C	460-52450-F-43-C		460-152275	460-151648	03/19/2013 19:16	1	TAL EDI	AAA
P:3546	460-52450-F-43-A		460-151607	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52450-F-43-A		460-151607	460-151458	03/18/2013 17:10	1	TAL EDI	CBB
P:3546	460-52450-F-43-B		460-151904	460-151545	03/18/2013 11:40	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-43-B		460-151904	460-151545	03/19/2013 10:53	1	TAL EDI	HK
A:Moisture	460-52450-F-43		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-43-A		460-152182		03/21/2013 17:11	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

Lab ID: 460-52450-44 **Client ID: PMP-28-NE-SD**

Sample Date/Time: 03/14/2013 17:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-E-44-A		460-152683	460-151442	03/16/2013 20:00	1	TAL EDI	DM
A:8260B	460-52450-E-44-A		460-152683	460-151442	03/25/2013 20:57	1	TAL EDI	AT
P:3541	460-52450-F-44-C		460-152275	460-151648	03/18/2013 21:53	1	TAL EDI	JS
A:8270C	460-52450-F-44-C		460-152275	460-151648	03/19/2013 19:41	1	TAL EDI	AAA
P:3546	460-52450-F-44-A		460-151607	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52450-F-44-A		460-151607	460-151458	03/18/2013 17:27	1	TAL EDI	CBB
P:3546	460-52450-F-44-B		460-151904	460-151545	03/18/2013 11:40	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52450-F-44-B		460-151904	460-151545	03/19/2013 11:08	1	TAL EDI	HK
A:Moisture	460-52450-F-44		460-151572		03/18/2013 14:04	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-52450-A-44-A		460-152314		03/22/2013 09:37	1	TAL EDI	MB

Lab ID: 460-52450-44 DU **Client ID: PMP-28-NE-SD**

Sample Date/Time: 03/14/2013 17:50 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-52450-F-44 DU		460-151572		03/18/2013 14:04	1	TAL EDI	CHA

Lab ID: 460-52450-45 **Client ID: FB_031513**

Sample Date/Time: 03/15/2013 07:30 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-52450-A-45		460-151859		03/20/2013 11:28	1	TAL EDI	SD
A:8260B	460-52450-A-45		460-151859		03/20/2013 11:28	1	TAL EDI	SD
P:3510C	460-52450-F-45-A		460-152529	460-151546	03/18/2013 11:42	1	TAL EDI	ME
A:8270C	460-52450-F-45-A		460-152529	460-151546	03/23/2013 23:39	1	TAL EDI	CZ
P:3510C	460-52450-H-45-A		460-152113	460-151921	03/20/2013 14:11	1	TAL EDI	GT
A:8082	460-52450-H-45-A		460-152113	460-151921	03/21/2013 08:39	1	TAL EDI	SK
P:3510C	460-52450-D-45-A		460-152060	460-151705	03/19/2013 09:56	1	TAL EDI	MC
A:NJ-OQA-QAM-025	460-52450-D-45-A		460-152060	460-151705	03/20/2013 03:24	1	TAL EDI	DN
A:SM 4500 Cl- B	460-52450-C-45		460-151966		03/19/2013 17:00	1	TAL EDI	HV

Lab ID: 460-52450-46 **Client ID: TRIP BLANK**

Sample Date/Time: 03/15/2013 00:00 Received Date/Time: 03/15/2013 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-52450-C-46-A		460-152393	460-151442	03/16/2013 20:02	1	TAL EDI	DM
A:8260B	460-52450-C-46-A		460-152393	460-151442	03/23/2013 00:27	1	TAL EDI	EM

Client: Antea USA, Inc. Job Number: 460-52450-1

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
A:8260B	MB 460-151692/4		460-151692		03/19/2013 07:07	50	TAL EDI	AT
A:8260B	MB 460-151820/4		460-151820		03/19/2013 19:39	50	TAL EDI	AT
A:8260B	MB 460-151869/4		460-151869		03/20/2013 06:31	50	TAL EDI	AT
P:5030B	MB 460-151859/4		460-151859		03/20/2013 10:37	1	TAL EDI	SD
A:8260B	MB 460-151859/4		460-151859		03/20/2013 10:37	1	TAL EDI	SD
A:8260B	MB 460-152022/4		460-152022		03/21/2013 06:26	50	TAL EDI	AT
A:8260B	MB 460-152224/4		460-152224		03/22/2013 01:25	50	TAL EDI	KB
A:8260B	MB 460-152371/10		460-152371		03/22/2013 14:07	1	TAL EDI	AT
A:8260B	MB 460-152393/5		460-152393		03/23/2013 00:05	1	TAL EDI	EM
A:8260B	MB 460-152400/5		460-152400		03/23/2013 08:56	1	TAL EDI	AT
A:8260B	MB 460-152550/4		460-152550		03/25/2013 05:43	50	TAL EDI	AT
A:8260B	MB 460-152683/5		460-152683		03/25/2013 18:02	1	TAL EDI	AT
P:3541	MB 460-151635/1-A		460-151725	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	MB 460-151635/1-A		460-151725	460-151635	03/19/2013 07:20	1	TAL EDI	MC
P:3541	MB 460-151648/1-A		460-151725	460-151648	03/18/2013 21:53	1	TAL EDI	JS
A:8270C	MB 460-151648/1-A		460-151725	460-151648	03/19/2013 10:19	1	TAL EDI	MC
P:3541	MB 460-151640/1-A		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	MB 460-151640/1-A		460-152148	460-151640	03/20/2013 16:58	1	TAL EDI	CZ
P:3541	MB 460-151520/1-A		460-152178	460-151520	03/18/2013 09:52	1	TAL EDI	hp
A:8270C	MB 460-151520/1-A		460-152178	460-151520	03/21/2013 06:25	1	TAL EDI	CZ
P:3510C	MB 460-151546/1-A		460-152320	460-151546	03/18/2013 11:42	1	TAL EDI	ME
A:8270C	MB 460-151546/1-A		460-152320	460-151546	03/22/2013 07:22	1	TAL EDI	VR
P:3546	MB 460-151458/1-A		460-151554	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	MB 460-151458/1-A		460-151554	460-151458	03/18/2013 11:07	1	TAL EDI	JP
P:3546	MB 460-151527/1-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	MB 460-151527/1-A		460-151625	460-151527	03/18/2013 14:27	1	TAL EDI	CBB
P:3546	MB 460-151512/1-A		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	MB 460-151512/1-A		460-151726	460-151512	03/18/2013 21:35	1	TAL EDI	CBB
P:3510C	MB 460-151921/1-A		460-152113	460-151921	03/20/2013 14:11	1	TAL EDI	GT
A:8082	MB 460-151921/1-A		460-152113	460-151921	03/21/2013 10:00	1	TAL EDI	SK
P:3546	MB 460-151461/1-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	MB 460-151461/1-A		460-152029	460-151461	03/18/2013 09:34	1	TAL EDI	HK
P:3546	MB 460-151544/1-A		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	MB 460-151544/1-A		460-151904	460-151544	03/18/2013 21:40	1	TAL EDI	HK
P:3546	MB 460-151545/1-A		460-151904	460-151545	03/18/2013 11:40	1	TAL EDI	cm
A:NJ-OQA-QAM-025	MB 460-151545/1-A		460-151904	460-151545	03/19/2013 04:45	1	TAL EDI	HK
P:3546	MB 460-151566/1-A		460-152060	460-151566	03/18/2013 13:31	1	TAL EDI	cm
A:NJ-OQA-QAM-025	MB 460-151566/1-A		460-152060	460-151566	03/19/2013 12:04	1	TAL EDI	DN
P:3510C	MB 460-151705/1-A		460-152060	460-151705	03/19/2013 09:56	1	TAL EDI	MC
A:NJ-OQA-QAM-025	MB 460-151705/1-A		460-152060	460-151705	03/20/2013 02:41	1	TAL EDI	DN
P:3546	MB 460-152134/1-A		460-152358	460-152134	03/21/2013 14:33	1	TAL EDI	cm

Client: Antea USA, Inc. Job Number: 460-52450-1

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
A:NJ-OQA-QAM-025	MB 460-152134/1-A		460-152358	460-152134	03/22/2013 08:09	1	TAL EDI	DN
A:SM 4500 Cl- B	MB 460-151966/1		460-151966		03/19/2013 17:00	1	TAL EDI	HV
A:SM 4500 Cl- E	MB 460-152182/5		460-152182		03/21/2013 15:24	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-152182/23		460-152182		03/21/2013 15:35	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-152182/51		460-152182		03/21/2013 16:04	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-152182/72		460-152182		03/21/2013 16:27	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-152182/105		460-152182		03/21/2013 17:08	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-152314/5		460-152314		03/22/2013 09:37	1	TAL EDI	MB

Lab ID: LB **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:SM 4500 Cl- E	LB 460-151620/1-A		460-152182		03/21/2013 15:24	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-151620/1-A		460-152182		03/21/2013 15:35	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-151982/1-A		460-152182		03/21/2013 16:10	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-151620/1-A		460-152182		03/21/2013 16:27	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-151982/1-A		460-152182		03/21/2013 17:04	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-151984/1-A		460-152182		03/21/2013 17:08	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-151982/1-A		460-152182		03/21/2013 17:08	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-151984/1-A		460-152314		03/22/2013 09:37	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

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
A:8260B	LCS 460-151692/3		460-151692		03/19/2013 05:34	50	TAL EDI	AT
A:8260B	LCS 460-151820/3		460-151820		03/19/2013 17:39	50	TAL EDI	AT
A:8260B	LCS 460-151869/3		460-151869		03/20/2013 04:31	50	TAL EDI	AT
P:5030B	LCS 460-151859/3		460-151859		03/20/2013 09:41	1	TAL EDI	SD
A:8260B	LCS 460-151859/3		460-151859		03/20/2013 09:41	1	TAL EDI	SD
A:8260B	LCS 460-152022/3		460-152022		03/21/2013 04:53	50	TAL EDI	AT
A:8260B	LCS 460-152224/3		460-152224		03/22/2013 00:40	50	TAL EDI	KB
A:8260B	LCS 460-152371/16		460-152371		03/22/2013 12:36	1	TAL EDI	AT
A:8260B	LCS 460-152393/14		460-152393		03/22/2013 22:18	1	TAL EDI	EM
A:8260B	LCS 460-152400/3		460-152400		03/23/2013 07:13	1	TAL EDI	AT
A:8260B	LCS 460-152550/3		460-152550		03/25/2013 04:12	50	TAL EDI	AT
A:8260B	LCS 460-152683/3		460-152683		03/25/2013 16:37	1	TAL EDI	AT
P:3541	LCS 460-151635/2-A		460-151725	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	LCS 460-151635/2-A		460-151725	460-151635	03/19/2013 03:31	1	TAL EDI	MC
P:3541	LCS 460-151648/2-A		460-151725	460-151648	03/18/2013 21:53	1	TAL EDI	JS
A:8270C	LCS 460-151648/2-A		460-151725	460-151648	03/19/2013 05:38	1	TAL EDI	MC
P:3541	LCS 460-151640/2-A		460-152148	460-151640	03/18/2013 18:52	1	TAL EDI	JS
A:8270C	LCS 460-151640/2-A		460-152148	460-151640	03/20/2013 17:24	1	TAL EDI	CZ
P:3541	LCS 460-151520/2-A		460-152178	460-151520	03/18/2013 09:52	1	TAL EDI	hp
A:8270C	LCS 460-151520/2-A		460-152178	460-151520	03/21/2013 05:59	1	TAL EDI	CZ
P:3510C	LCS 460-151546/2-A		460-152320	460-151546	03/18/2013 11:42	1	TAL EDI	ME
A:8270C	LCS 460-151546/2-A		460-152320	460-151546	03/22/2013 09:30	1	TAL EDI	VR
P:3546	LCS 460-151458/2-A		460-151554	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	LCS 460-151458/2-A		460-151554	460-151458	03/18/2013 10:50	1	TAL EDI	JP
P:3546	LCS 460-151527/2-A		460-151625	460-151527	03/18/2013 10:32	1	TAL EDI	ARA
A:8082	LCS 460-151527/2-A		460-151625	460-151527	03/18/2013 14:43	1	TAL EDI	CBB
P:3546	LCS 460-151512/2-A		460-151726	460-151512	03/18/2013 08:57	1	TAL EDI	ARA
A:8082	LCS 460-151512/2-A		460-151726	460-151512	03/18/2013 21:54	1	TAL EDI	CBB
P:3510C	LCS 460-151921/2-A		460-152113	460-151921	03/20/2013 14:11	1	TAL EDI	GT
A:8082	LCS 460-151921/2-A		460-152113	460-151921	03/21/2013 09:28	1	TAL EDI	SK
P:3546	LCS 460-151461/2-A		460-152029	460-151461	03/17/2013 07:04	1	TAL EDI	ARA
A:NJ-OQA-QAM-025	LCS 460-151461/2-A		460-152029	460-151461	03/18/2013 09:59	1	TAL EDI	HK
P:3546	LCS 460-151544/2-A		460-151904	460-151544	03/18/2013 11:39	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-151544/2-A		460-151904	460-151544	03/18/2013 21:54	1	TAL EDI	HK
P:3546	LCS 460-151545/2-A		460-151904	460-151545	03/18/2013 11:40	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-151545/2-A		460-151904	460-151545	03/19/2013 04:59	1	TAL EDI	HK
P:3546	LCS 460-151566/2-A		460-152060	460-151566	03/18/2013 13:31	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-151566/2-A		460-152060	460-151566	03/19/2013 12:18	1	TAL EDI	DN
P:3510C	LCS 460-151705/2-A		460-152060	460-151705	03/19/2013 09:56	1	TAL EDI	MC
A:NJ-OQA-QAM-025	LCS 460-151705/2-A		460-152060	460-151705	03/20/2013 02:55	1	TAL EDI	DN
P:3546	LCS 460-152134/2-A		460-152358	460-152134	03/21/2013 14:33	1	TAL EDI	cm

Client: Antea USA, Inc. Job Number: 460-52450-1

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
A:NJ-OQA-QAM-025	LCS 460-152134/2-A		460-152358	460-152134	03/22/2013 08:23	1	TAL EDI	DN

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 460-151820/16		460-151820		03/19/2013 18:01	50	TAL EDI	AT
A:8260B	LCSD 460-152371/20		460-152371		03/22/2013 12:58	1	TAL EDI	AT
A:8260B	LCSD 460-152393/4		460-152393		03/22/2013 22:41	1	TAL EDI	EM
A:8260B	LCSD 460-152400/4		460-152400		03/23/2013 07:36	1	TAL EDI	AT
A:8260B	LCSD 460-152683/4		460-152683		03/25/2013 17:02	1	TAL EDI	AT
P:3510C	LCSD 460-151921/3-A		460-152113	460-151921	03/20/2013 14:11	1	TAL EDI	GT
A:8082	LCSD 460-151921/3-A		460-152113	460-151921	03/21/2013 09:12	1	TAL EDI	SK
P:3510C	LCSD 460-151705/3-A		460-152060	460-151705	03/19/2013 09:56	1	TAL EDI	MC
A:NJ-OQA-QAM-025	LCSD 460-151705/3-A		460-152060	460-151705	03/20/2013 03:10	1	TAL EDI	DN

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
A:SM 4500 Cl- B	LCSSRM 460-151966/2		460-151966		03/19/2013 17:00	1	TAL EDI	HV
A:SM 4500 Cl- E	LCSSRM 460-152182/6		460-152182		03/21/2013 15:24	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-152182/24		460-152182		03/21/2013 15:35	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-152182/52		460-152182		03/21/2013 16:04	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-152182/73		460-152182		03/21/2013 16:27	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-152182/106		460-152182		03/21/2013 17:08	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-152314/6		460-152314		03/22/2013 09:37	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

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:5035	460-52303-A-1-A MS		460-151692	460-151368	03/15/2013 20:37	100	TAL EDI	FJ
A:8260B	460-52303-A-1-A MS		460-151692	460-151368	03/19/2013 10:08	100	TAL EDI	AT
P:5035	460-52432-A-20-A MS		460-151869	460-151403	03/16/2013 11:53	100	TAL EDI	DM
A:8260B	460-52432-A-20-A MS		460-151869	460-151403	03/20/2013 08:46	100	TAL EDI	AT
P:5030B	460-52448-A-3 MS		460-151859		03/20/2013 16:58	10	TAL EDI	SD
A:8260B	460-52448-A-3 MS		460-151859		03/20/2013 16:58	10	TAL EDI	SD
P:5035	460-52432-A-18-A MS		460-152022	460-151403	03/16/2013 11:53	100	TAL EDI	DM
A:8260B	460-52432-A-18-A MS		460-152022	460-151403	03/21/2013 09:26	100	TAL EDI	AT
P:5035	460-52683-B-4-A MS		460-152224	460-152096	03/21/2013 11:45	100	TAL EDI	FJ
A:8260B	460-52683-B-4-A MS		460-152224	460-152096	03/22/2013 03:55	100	TAL EDI	KB
P:5035	460-52802-A-2-A MS		460-152550	460-152364	03/22/2013 16:59	100	TAL EDI	DM
A:8260B	460-52802-A-2-A MS		460-152550	460-152364	03/25/2013 07:27	100	TAL EDI	AT
P:3541	460-52492-A-1-A MS		460-151725	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52492-A-1-A MS		460-151725	460-151635	03/19/2013 04:47	1	TAL EDI	MC
P:3510C	460-52468-C-3-A MS		460-152529	460-151546	03/18/2013 11:42	1	TAL EDI	ME
A:8270C	460-52468-C-3-A MS		460-152529	460-151546	03/24/2013 00:04	1	TAL EDI	CZ
P:3546	460-52380-B-1-B MS		460-151554	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52380-B-1-B MS		460-151554	460-151458	03/18/2013 10:18	1	TAL EDI	JP
P:3546	460-52459-F-23-D MS		460-152358	460-152134	03/21/2013 14:33	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52459-F-23-D MS		460-152358	460-152134	03/22/2013 11:11	5	TAL EDI	DN
A:SM 4500 Cl- B	460-52132-B-1 MS ^4		460-151966		03/19/2013 17:00	4	TAL EDI	HV
A:SM 4500 Cl- E	460-52459-A-2-A MS		460-152314		03/22/2013 09:44	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-52450-1

Laboratory Chronicle

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:5035	460-52303-A-1-A MSD		460-151692	460-151368	03/15/2013 20:37	100	TAL EDI	FJ
A:8260B	460-52303-A-1-A MSD		460-151692	460-151368	03/19/2013 10:30	100	TAL EDI	AT
P:5035	460-52432-A-20-A MSD		460-151869	460-151403	03/16/2013 11:53	100	TAL EDI	DM
A:8260B	460-52432-A-20-A MSD		460-151869	460-151403	03/20/2013 09:09	100	TAL EDI	AT
P:5030B	460-52448-A-3 MSD		460-151859		03/20/2013 17:21	10	TAL EDI	SD
A:8260B	460-52448-A-3 MSD		460-151859		03/20/2013 17:21	10	TAL EDI	SD
P:5035	460-52432-A-18-A MSD		460-152022	460-151403	03/16/2013 11:53	100	TAL EDI	DM
A:8260B	460-52432-A-18-A MSD		460-152022	460-151403	03/21/2013 09:48	100	TAL EDI	AT
P:5035	460-52683-B-4-A MSD		460-152224	460-152096	03/21/2013 11:45	100	TAL EDI	FJ
A:8260B	460-52683-B-4-A MSD		460-152224	460-152096	03/22/2013 04:17	100	TAL EDI	KB
P:5035	460-52802-A-2-A MSD		460-152550	460-152364	03/22/2013 16:59	100	TAL EDI	DM
A:8260B	460-52802-A-2-A MSD		460-152550	460-152364	03/25/2013 07:50	100	TAL EDI	AT
P:3541	460-52492-A-1-B MSD		460-151725	460-151635	03/18/2013 18:18	1	TAL EDI	JS
A:8270C	460-52492-A-1-B MSD		460-151725	460-151635	03/19/2013 05:13	1	TAL EDI	MC
P:3510C	460-52468-D-3-A MSD		460-152529	460-151546	03/18/2013 11:42	1	TAL EDI	ME
A:8270C	460-52468-D-3-A MSD		460-152529	460-151546	03/24/2013 00:30	1	TAL EDI	CZ
P:3546	460-52380-B-1-C MSD		460-151554	460-151458	03/17/2013 06:36	1	TAL EDI	ARA
A:8082	460-52380-B-1-C MSD		460-151554	460-151458	03/18/2013 11:46	1	TAL EDI	JP
P:3546	460-52459-F-23-E MSD		460-152358	460-152134	03/21/2013 14:33	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-52459-F-23-E MSD		460-152358	460-152134	03/22/2013 11:25	5	TAL EDI	DN
A:SM 4500 Cl- B	460-52132-B-1 MSD ^4		460-151966		03/19/2013 17:00	4	TAL EDI	HV
A:SM 4500 Cl- E	460-52459-A-2-A MSD		460-152314		03/22/2013 09:44	1	TAL EDI	MB

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-21-NE-VD	460-52450-1	101	96	93
PMP-21-NE-WT	460-52450-2	94	90	91
PMP-21-NE-SI	460-52450-3	99	95	94
PMP-23-NE-VS	460-52450-4	105	105	112
PMP-14-NE VS	460-52450-5	103	87	104
PMP-8-NE-VS	460-52450-6	102	90	118
PMP-8-NE-VD	460-52450-7	104	106	106
PMP-8-NE-WT	460-52450-8	101	106	70
PMP-4-NE-VS	460-52450-9	106	94	100
PMP-4-NE-VD	460-52450-10	103	97	102
PMP-22-NE-VS	460-52450-11	107	100	107
PMP-22-NE-VD	460-52450-12	108	113	93
PMP-22-NE-WT	460-52450-13	104	93	90
PMP-6-NE-VD	460-52450-14	105	92	97
PMP-6-NE-WT	460-52450-15	106	92	93
PMP-5-NE-VD	460-52450-17	111	117	117
PMP-7-NE-VD	460-52450-20	97	98	119
PMP-10-NE-VD	460-52450-23	96	105	118
PMP-10-NE-SI	460-52450-25	99	108	107
PMP-10-NE-SD	460-52450-26	99	100	97
PMP-9-NE-VD	460-52450-27	98	101	99
PMP-13-NE-VD	460-52450-30	100	98	97
PMP-13-NE-SI	460-52450-32	95	99	99
PMP-13-NE-SD	460-52450-33	73	119	130
PMP-16-NE-VD	460-52450-34	91	94	98
PMP-16-NE-SI	460-52450-36	100	104	101
PMP-15-NE-VD	460-52450-37	101	92	92
PMP-15-NE-WT	460-52450-38	103	97	99
PMP-15-NE-SI	460-52450-39	91	96	97
PMP-28-NE-VD	460-52450-41	96	100	99
PMP-28-NE-WT	460-52450-42	105	111	62 X
PMP-28-NE-SI	460-52450-43	90	93	97
PMP-28-NE-SD	460-52450-44	100	93	94
TRIP BLANK	460-52450-46	101	92	92
	MB 460-152371/10	110	92	93

	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
	MB 460-152393/5	99	84	85
	MB 460-152400/5	107	100	99
	MB 460-152683/5	99	91	90
	LCS 460-152371/16	87	93	93
	LCS 460-152393/14	92	93	88
	LCS 460-152400/3	108	110	106
	LCS 460-152683/3	98	93	94
	LCSD 460-152371/20	111	112	107
	LCSD 460-152393/4	90	92	91
	LCSD 460-152400/4	97	102	100
	LCSD 460-152683/4	100	93	93

	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA	#	TOL	#	BFB	#
PMP-6-NE-SI	460-52450-16	76		70		79	
PMP-5-NE-WT	460-52450-18	80		74		89	
PMP-5-NE-SI	460-52450-19	85		82		87	
PMP-7-NE-WT	460-52450-21	82		75		84	
PMP-7-NE-SI	460-52450-22	78		68		81	
PMP-10-NE-WT	460-52450-24	98		88		106	
PMP-9-NE-WT	460-52450-28	76		71		83	
PMP-9-NE-SI	460-52450-29	79		73		90	
PMP-13-NE-WT	460-52450-31	77		70		80	
PMP-13-NE-SD DL	460-52450-33 DL	98	D	85	D	108	D
PMP-16-NE-WT	460-52450-35	76		70		84	
PMP-15-NE-SD	460-52450-40	74	X	67		81	
	MB 460-151692/4	97		100		105	
	MB 460-151820/4	94		97		103	
	MB 460-151869/4	93		97		104	
	MB 460-152022/4	92		95		104	
	MB 460-152224/4	90		93		106	
	MB 460-152550/4	90		90		101	
	LCS 460-151692/3	97		99		102	
	LCS 460-151820/3	96		97		101	
	LCS 460-151869/3	96		98		105	
	LCS 460-152022/3	93		96		105	
	LCS 460-152224/3	90		93		103	
	LCS 460-152550/3	91		89		99	
	LCSD 460-151820/16	96		97		101	
	460-52303-A-1-A MS	75		72		90	
	460-52432-A-18-A MS	94		86		113	
	460-52432-A-20-A MS	82		74		97	
	460-52683-B-4-A MS	98		92		101	
	460-52802-A-2-A MS	94		88		106	
	460-52303-A-1-A MSD	76		73		90	

	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
	460-52432-A-18-A MSD	94	84	112
	460-52432-A-20-A MSD	84	74	95
	460-52683-B-4-A MSD	97	94	101
	460-52802-A-2-A MSD	90	84	101

	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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
FB_031513	460-52450-45	110	84	101
	MB 460-151859/4	107	86	100
	LCS 460-151859/3	100	90	100
	460-52448-A-3 MS	100	91	101
	460-52448-A-3 MSD	99	90	103

	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53480.d

Lab ID: LCS 460-151692/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	2000	1960	98	68-138	
1,1-Dichloroethane	2000	2050	103	79-119	
1,2-Dichloroethane	2000	2010	101	81-121	
1,1,1-Trichloroethane	2000	2110	105	78-118	
2-Butanone	2000	2100	105	70-139	
Acetone	2000	1690	84	48-177	
Benzene	2000	2010	101	71-118	
2-Hexanone	2000	2080	104	62-123	
Bromoform	2000	1780	89	76-133	
Bromomethane	2000	2010	100	58-154	
Carbon disulfide	2000	2050	102	70-120	
Carbon tetrachloride	2000	2130	107	64-130	
1,4-Dioxane	15000	11100	74	54-147	
Chlorobenzene	2000	2030	102	69-124	
Chloroethane	2000	1970	99	66-144	
Chloroform	2000	2060	103	81-122	
Chloromethane	2000	2000	100	52-144	
4-Methyl-2-pentanone	2000	2150	108	69-124	
cis-1,2-Dichloroethene	2000	2070	103	78-118	
cis-1,3-Dichloropropene	2000	2080	104	75-120	
1,2-Dichlorobenzene	2000	2090	104	83-123	
Cyclohexane	2000	2250	113	69-128	
1,3-Dichlorobenzene	2000	2080	104	83-123	
1,4-Dichlorobenzene	2000	2030	102	84-124	
1,2,4-Trichlorobenzene	2000	2130	106	62-144	
Ethylbenzene	2000	2120	106	78-124	
1,2,3-Trichlorobenzene	2000	2140	107	36-207	
Freon TF	2000	2220	111	50-128	
1,2-Dichloropropane	2000	2040	102	78-118	
Isopropylbenzene	2000	2220	111	80-143	
Methyl acetate	2000	2040	102	72-165	
Methylcyclohexane	2000	2230	112	80-134	
1,2-Dibromo-3-Chloropropane	2000	2180	109	62-127	
Methylene Chloride	2000	1790	89	78-118	
1,1,2,2-Tetrachloroethane	2000	2050	102	86-145	
MTBE	2000	2070	104	65-143	
1,1,2-Trichloroethane	2000	2000	100	77-120	
Dibromochloromethane	2000	1980	99	78-118	
Styrene	2000	2170	108	73-126	
1,2-Dibromoethane	2000	2080	104	76-120	
Tetrachloroethene	2000	2120	106	78-136	
Dichlorodifluoromethane	2000	2030	101	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53480.d

Lab ID: LCS 460-151692/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	2000	2010	101	79-136	
Bromochloromethane	2000	1950	98	81-121	
trans-1,2-Dichloroethene	2000	1980	99	73-119	
Bromodichloromethane	2000	1990	99	78-118	
trans-1,3-Dichloropropene	2000	2080	104	73-118	
Trichloroethene	2000	2010	101	82-122	
Trichlorofluoromethane	2000	1760	88	60-148	
Vinyl chloride	2000	2050	103	55-154	
Xylenes, Total	6000	6310	105	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53512.d

Lab ID: LCS 460-151820/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	2000	1850	92	68-138	
1,1-Dichloroethane	2000	1990	99	79-119	
1,2-Dichloroethane	2000	1880	94	81-121	
1,1,1-Trichloroethane	2000	2000	100	78-118	
2-Butanone	2000	1830	91	70-139	
Acetone	2000	1580	79	48-177	
Benzene	2000	1880	94	71-118	
2-Hexanone	2000	1890	95	62-123	
Bromoform	2000	1660	83	76-133	
Bromomethane	2000	1820	91	58-154	
Carbon disulfide	2000	1910	95	70-120	
Carbon tetrachloride	2000	2010	101	64-130	
1,4-Dioxane	15000	15200	101	54-147	
Chlorobenzene	2000	1930	97	69-124	
Chloroethane	2000	1650	83	66-144	
Chloroform	2000	2010	100	81-122	
Chloromethane	2000	1810	90	52-144	
4-Methyl-2-pentanone	2000	1960	98	69-124	
cis-1,2-Dichloroethene	2000	1970	99	78-118	
cis-1,3-Dichloropropene	2000	1980	99	75-120	
1,2-Dichlorobenzene	2000	1900	95	83-123	
Cyclohexane	2000	2270	113	69-128	
1,3-Dichlorobenzene	2000	1890	94	83-123	
1,4-Dichlorobenzene	2000	1890	94	84-124	
1,2,4-Trichlorobenzene	2000	1920	96	62-144	
Ethylbenzene	2000	1950	98	78-124	
1,2,3-Trichlorobenzene	2000	1780	89	36-207	
Freon TF	2000	2180	109	50-128	
1,2-Dichloropropane	2000	1940	97	78-118	
Isopropylbenzene	2000	1990	100	80-143	
Methyl acetate	2000	1920	96	72-165	
Methylcyclohexane	2000	2270	113	80-134	
1,2-Dibromo-3-Chloropropane	2000	1980	99	62-127	
Methylene Chloride	2000	1720	86	78-118	
1,1,2,2-Tetrachloroethane	2000	1920	96	86-145	
MTBE	2000	2020	101	65-143	
1,1,2-Trichloroethane	2000	1910	96	77-120	
Dibromochloromethane	2000	1890	94	78-118	
Styrene	2000	2030	102	73-126	
1,2-Dibromoethane	2000	1920	96	76-120	
Tetrachloroethene	2000	1930	97	78-136	
Dichlorodifluoromethane	2000	1730	86	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53512.d

Lab ID: LCS 460-151820/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	2000	1920	96	79-136	
Bromochloromethane	2000	1940	97	81-121	
trans-1,2-Dichloroethene	2000	1920	96	73-119	
Bromodichloromethane	2000	1890	95	78-118	
trans-1,3-Dichloropropene	2000	1980	99	73-118	
Trichloroethene	2000	1940	97	82-122	
Trichlorofluoromethane	2000	1700	85	60-148	
Vinyl chloride	2000	1800	90	55-154	
Xylenes, Total	6000	5850	97	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k11004.d

Lab ID: LCS 460-151859/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.0	15.8	79	56-139	
1,1-Dichloroethane	20.0	18.1	90	78-122	
1,2-Dichloroethane	20.0	20.2	101	74-118	
1,1,1-Trichloroethane	20.0	21.3	106	74-128	
2-Butanone	20.0	19.8	99	65-114	
Acetone	20.0	22.7	113	45-156	
Benzene	20.0	18.4	92	83-124	
2-Hexanone	20.0	21.1	105	53-121	
Bromoform	20.0	19.2	96	73-123	
Bromomethane	20.0	22.3	111	55-153	
Carbon disulfide	20.0	14.7	73	58-139	
Carbon tetrachloride	20.0	22.2	111	73-120	
1,4-Dioxane	190	121	64	52-126	
Chlorobenzene	20.0	18.0	90	81-121	
Chloroethane	20.0	19.0	95	69-145	
Chloroform	20.0	20.1	100	82-123	
Chloromethane	20.0	18.9	94	58-146	
4-Methyl-2-pentanone	20.0	19.9	99	53-120	
cis-1,2-Dichloroethene	20.0	17.2	86	80-120	
cis-1,3-Dichloropropene	20.0	18.6	93	80-120	
1,2-Dichlorobenzene	20.0	18.8	94	82-122	
Cyclohexane	20.0	15.4	77	58-133	
1,3-Dichlorobenzene	20.0	18.5	93	81-126	
1,4-Dichlorobenzene	20.0	18.5	93	83-123	
1,2,4-Trichlorobenzene	20.0	18.3	91	66-120	
Ethylbenzene	20.0	15.8	79	79-126	
1,2,3-Trichlorobenzene	20.0	17.6	88	76-123	
Freon TF	20.0	15.8	79	47-139	
1,2-Dichloropropane	20.0	17.5	87	80-120	
Isopropylbenzene	20.0	17.5	87	80-125	
Methyl acetate	20.0	18.6	93	50-151	
Methylcyclohexane	20.0	15.0	75	61-129	
1,2-Dibromo-3-Chloropropane	20.0	21.3	106	70-116	
Methylene Chloride	20.0	17.1	85	79-119	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	74-126	
MTBE	20.0	18.7	94	71-115	
1,1,2-Trichloroethane	20.0	18.1	90	79-119	
Dibromochloromethane	20.0	19.6	98	80-120	
Styrene	20.0	16.6	83	69-112	
1,2-Dibromoethane	20.0	18.4	92	78-118	
Tetrachloroethene	20.0	19.1	95	68-139	
Dichlorodifluoromethane	20.0	17.8	89	46-145	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k11004.d

Lab ID: LCS 460-151859/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	20.0	18.2	91	80-120	
Bromochloromethane	20.0	16.8	84	80-121	
trans-1,2-Dichloroethene	20.0	16.7	83	75-122	
Bromodichloromethane	20.0	19.8	99	79-119	
trans-1,3-Dichloropropene	20.0	18.9	95	78-118	
Trichloroethene	20.0	18.2	91	78-119	
Trichlorofluoromethane	20.0	17.6	88	69-147	
Vinyl chloride	20.0	19.2	96	61-144	
Xylenes, Total	60.0	49.8	83	76-121	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53540.d

Lab ID: LCS 460-151869/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	2000	1830	92	68-138	
1,1-Dichloroethane	2000	1990	100	79-119	
1,2-Dichloroethane	2000	2030	101	81-121	
1,1,1-Trichloroethane	2000	2070	103	78-118	
2-Butanone	2000	2090	105	70-139	
Acetone	2000	1740	87	48-177	
Benzene	2000	1990	100	71-118	
2-Hexanone	2000	2080	104	62-123	
Bromoform	2000	1890	95	76-133	
Bromomethane	2000	1940	97	58-154	
Carbon disulfide	2000	1940	97	70-120	
Carbon tetrachloride	2000	2080	104	64-130	
1,4-Dioxane	15000	17300	116	54-147	
Chlorobenzene	2000	2090	105	69-124	
Chloroethane	2000	1710	85	66-144	
Chloroform	2000	2040	102	81-122	
Chloromethane	2000	1930	96	52-144	
4-Methyl-2-pentanone	2000	2070	104	69-124	
cis-1,2-Dichloroethene	2000	2050	102	78-118	
cis-1,3-Dichloropropene	2000	2100	105	75-120	
1,2-Dichlorobenzene	2000	2130	107	83-123	
Cyclohexane	2000	2080	104	69-128	
1,3-Dichlorobenzene	2000	2140	107	83-123	
1,4-Dichlorobenzene	2000	2150	108	84-124	
1,2,4-Trichlorobenzene	2000	2240	112	62-144	
Ethylbenzene	2000	2120	106	78-124	
1,2,3-Trichlorobenzene	2000	2190	110	36-207	
Freon TF	2000	2080	104	50-128	
1,2-Dichloropropane	2000	2050	103	78-118	
Isopropylbenzene	2000	2230	112	80-143	
Methyl acetate	2000	1980	99	72-165	
Methylcyclohexane	2000	2080	104	80-134	
1,2-Dibromo-3-Chloropropane	2000	2290	115	62-127	
Methylene Chloride	2000	1720	86	78-118	
1,1,2,2-Tetrachloroethane	2000	2140	107	86-145	
MTBE	2000	2040	102	65-143	
1,1,2-Trichloroethane	2000	2060	103	77-120	
Dibromochloromethane	2000	2050	102	78-118	
Styrene	2000	2200	110	73-126	
1,2-Dibromoethane	2000	2150	108	76-120	
Tetrachloroethene	2000	2130	106	78-136	
Dichlorodifluoromethane	2000	1810	90	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53540.d

Lab ID: LCS 460-151869/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	2000	2020	101	79-136	
Bromochloromethane	2000	2040	102	81-121	
trans-1,2-Dichloroethene	2000	1950	98	73-119	
Bromodichloromethane	2000	2000	100	78-118	
trans-1,3-Dichloropropene	2000	2140	107	73-118	
Trichloroethene	2000	2020	101	82-122	
Trichlorofluoromethane	2000	1760	88	60-148	
Vinyl chloride	2000	1920	96	55-154	
Xylenes, Total	6000	6390	107	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53599.d

Lab ID: LCS 460-152022/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	2000	1730	86	68-138	
1,1-Dichloroethane	2000	1880	94	79-119	
1,2-Dichloroethane	2000	1830	92	81-121	
1,1,1-Trichloroethane	2000	1970	98	78-118	
2-Butanone	2000	1860	93	70-139	
Acetone	2000	1570	78	48-177	
Benzene	2000	1770	88	71-118	
2-Hexanone	2000	1870	94	62-123	
Bromoform	2000	1830	91	76-133	
Bromomethane	2000	2650	133	58-154	
Carbon disulfide	2000	2000	100	70-120	
Carbon tetrachloride	2000	2000	100	64-130	
1,4-Dioxane	15000	12000	80	54-147	
Chlorobenzene	2000	1910	96	69-124	
Chloroethane	2000	1690	85	66-144	
Chloroform	2000	1900	95	81-122	
Chloromethane	2000	1440	72	52-144	
4-Methyl-2-pentanone	2000	1860	93	69-124	
cis-1,2-Dichloroethene	2000	1920	96	78-118	
cis-1,3-Dichloropropene	2000	1880	94	75-120	
1,2-Dichlorobenzene	2000	1960	98	83-123	
Cyclohexane	2000	2180	109	69-128	
1,3-Dichlorobenzene	2000	1980	99	83-123	
1,4-Dichlorobenzene	2000	1980	99	84-124	
1,2,4-Trichlorobenzene	2000	2100	105	62-144	
Ethylbenzene	2000	1970	98	78-124	
1,2,3-Trichlorobenzene	2000	1990	100	36-207	
Freon TF	2000	2100	105	50-128	
1,2-Dichloropropane	2000	1860	93	78-118	
Isopropylbenzene	2000	2090	105	80-143	
Methyl acetate	2000	1850	92	72-165	
Methylcyclohexane	2000	2150	107	80-134	
1,2-Dibromo-3-Chloropropane	2000	2770	138	62-127	*
Methylene Chloride	2000	1660	83	78-118	
1,1,2,2-Tetrachloroethane	2000	1880	94	86-145	
MTBE	2000	1790	90	65-143	
1,1,2-Trichloroethane	2000	1840	92	77-120	
Dibromochloromethane	2000	1960	98	78-118	
Styrene	2000	2060	103	73-126	
1,2-Dibromoethane	2000	1930	97	76-120	
Tetrachloroethene	2000	2020	101	78-136	
Dichlorodifluoromethane	2000	1420	71	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53599.d

Lab ID: LCS 460-152022/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	2000	1850	93	79-136	
Bromochloromethane	2000	1890	94	81-121	
trans-1,2-Dichloroethene	2000	1820	91	73-119	
Bromodichloromethane	2000	1880	94	78-118	
trans-1,3-Dichloropropene	2000	1940	97	73-118	
Trichloroethene	2000	1920	96	82-122	
Trichlorofluoromethane	2000	1680	84	60-148	
Vinyl chloride	2000	1520	76	55-154	
Xylenes, Total	6000	5970	100	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53630.d

Lab ID: LCS 460-152224/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	2000	1720	86	68-138	
1,1-Dichloroethane	2000	1820	91	79-119	
1,2-Dichloroethane	2000	1750	88	81-121	
1,1,1-Trichloroethane	2000	1920	96	78-118	
2-Butanone	2000	2060	103	70-139	
Acetone	2000	1710	86	48-177	
Benzene	2000	1730	86	71-118	
2-Hexanone	2000	1960	98	62-123	
Bromoform	2000	1770	89	76-133	
Bromomethane	2000	2050	103	58-154	
Carbon disulfide	2000	1990	99	70-120	
Carbon tetrachloride	2000	1940	97	64-130	
1,4-Dioxane	15000	14300	95	54-147	
Chlorobenzene	2000	1880	94	69-124	
Chloroethane	2000	1910	95	66-144	
Chloroform	2000	1850	93	81-122	
Chloromethane	2000	1800	90	52-144	
4-Methyl-2-pentanone	2000	1920	96	69-124	
cis-1,2-Dichloroethene	2000	1790	89	78-118	
cis-1,3-Dichloropropene	2000	1800	90	75-120	
1,2-Dichlorobenzene	2000	1900	95	83-123	
Cyclohexane	2000	2100	105	69-128	
1,3-Dichlorobenzene	2000	1890	94	83-123	
1,4-Dichlorobenzene	2000	1920	96	84-124	
1,2,4-Trichlorobenzene	2000	2000	100	62-144	
Ethylbenzene	2000	1970	98	78-124	
1,2,3-Trichlorobenzene	2000	1890	94	36-207	
Freon TF	2000	2340	117	50-128	
1,2-Dichloropropane	2000	1820	91	78-118	
Isopropylbenzene	2000	2080	104	80-143	
Methyl acetate	2000	1940	97	72-165	
Methylcyclohexane	2000	2160	108	80-134	
1,2-Dibromo-3-Chloropropane	2000	2010	101	62-127	
Methylene Chloride	2000	2040	102	78-118	
1,1,2,2-Tetrachloroethane	2000	1770	89	86-145	
MTBE	2000	1970	99	65-143	
1,1,2-Trichloroethane	2000	1760	88	77-120	
Dibromochloromethane	2000	1870	93	78-118	
Styrene	2000	1990	99	73-126	
1,2-Dibromoethane	2000	1860	93	76-120	
Tetrachloroethene	2000	2020	101	78-136	
Dichlorodifluoromethane	2000	1680	84	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53630.d

Lab ID: LCS 460-152224/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	2000	1800	90	79-136	
Bromochloromethane	2000	1850	92	81-121	
trans-1,2-Dichloroethene	2000	1810	91	73-119	
Bromodichloromethane	2000	1830	92	78-118	
trans-1,3-Dichloropropene	2000	1800	90	73-118	
Trichloroethene	2000	1890	94	82-122	
Trichlorofluoromethane	2000	1750	88	60-148	
Vinyl chloride	2000	1870	93	55-154	
Xylenes, Total	6000	5830	97	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30789a.d

Lab ID: LCS 460-152371/16 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.0	19.1	95	71-126	
1,1-Dichloroethane	20.0	18.5	92	76-125	
1,2-Dichloroethane	20.0	17.7	89	76-118	
1,1,1-Trichloroethane	20.0	18.7	93	78-117	
2-Butanone	20.0	23.1	115	77-117	
Acetone	20.0	13.4	67	27-164	
Benzene	20.0	18.8	94	77-117	
2-Hexanone	20.0	22.8	114	70-122	
Bromoform	20.0	18.0	90	59-125	
Bromomethane	20.0	16.8	84	54-142	
Carbon disulfide	20.0	18.0	90	72-128	
Carbon tetrachloride	20.0	18.8	94	79-118	
1,4-Dioxane	150	160	107	69-131	
Chlorobenzene	20.0	18.1	91	80-120	
Chloroethane	20.0	16.5	83	56-146	
Chloroform	20.0	18.7	93	77-120	
Chloromethane	20.0	14.3	71	50-151	
4-Methyl-2-pentanone	20.0	20.4	102	68-120	
cis-1,2-Dichloroethene	20.0	18.6	93	80-120	
cis-1,3-Dichloropropene	20.0	17.9	90	80-123	
1,2-Dichlorobenzene	20.0	18.5	93	80-120	
Cyclohexane	20.0	18.2	91	80-121	
1,3-Dichlorobenzene	20.0	18.6	93	80-120	
1,4-Dichlorobenzene	20.0	18.9	94	80-120	
1,2,4-Trichlorobenzene	20.0	17.5	88	80-120	
Ethylbenzene	20.0	18.7	93	81-121	
1,2,3-Trichlorobenzene	20.0	17.4	87	75-121	
Freon TF	20.0	19.0	95	73-123	
1,2-Dichloropropane	20.0	18.5	93	82-122	
Isopropylbenzene	20.0	19.3	96	65-129	
Methyl acetate	20.0	17.6	88	73-137	
Methylcyclohexane	20.0	18.3	92	78-118	
1,2-Dibromo-3-Chloropropane	20.0	16.3	82	74-118	
Methylene Chloride	20.0	25.3	126	74-137	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	79-122	
MTBE	20.0	18.1	91	78-120	
1,1,2-Trichloroethane	20.0	17.7	88	73-118	
Dibromochloromethane	20.0	18.6	93	68-120	
Styrene	20.0	18.6	93	82-122	
1,2-Dibromoethane	20.0	18.5	93	75-117	
Tetrachloroethene	20.0	19.3	96	80-120	
Dichlorodifluoromethane	20.0	16.5	82	52-144	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30789a.d

Lab ID: LCS 460-152371/16 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	20.0	18.4	92	75-115	
Bromochloromethane	20.0	18.9	95	74-125	
trans-1,2-Dichloroethene	20.0	18.9	94	75-122	
Bromodichloromethane	20.0	18.5	93	79-119	
trans-1,3-Dichloropropene	20.0	17.5	87	67-121	
Trichloroethene	20.0	19.0	95	79-119	
Trichlorofluoromethane	20.0	17.4	87	61-139	
Vinyl chloride	20.0	15.6	78	67-133	
Xylenes, Total	60.0	56.1	94	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30809.d

Lab ID: LCS 460-152393/14 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.0	16.9	85	71-126	
1,1-Dichloroethane	20.0	17.9	89	76-125	
1,2-Dichloroethane	20.0	18.8	94	76-118	
1,1,1-Trichloroethane	20.0	18.2	91	78-117	
2-Butanone	20.0	16.1	81	77-117	
Acetone	20.0	11.6	58	27-164	
Benzene	20.0	18.3	91	77-117	
2-Hexanone	20.0	16.4	82	70-122	
Bromoform	20.0	18.2	91	59-125	
Bromomethane	20.0	17.7	88	54-142	
Carbon disulfide	20.0	16.2	81	72-128	
Carbon tetrachloride	20.0	17.5	88	79-118	
1,4-Dioxane	150	138	92	69-131	
Chlorobenzene	20.0	18.1	91	80-120	
Chloroethane	20.0	17.3	87	56-146	
Chloroform	20.0	18.3	92	77-120	
Chloromethane	20.0	14.9	74	50-151	
4-Methyl-2-pentanone	20.0	18.3	91	68-120	
cis-1,2-Dichloroethene	20.0	18.2	91	80-120	
cis-1,3-Dichloropropene	20.0	17.7	89	80-123	
1,2-Dichlorobenzene	20.0	17.5	88	80-120	
Cyclohexane	20.0	15.9	79	80-121	*
1,3-Dichlorobenzene	20.0	17.3	87	80-120	
1,4-Dichlorobenzene	20.0	18.2	91	80-120	
1,2,4-Trichlorobenzene	20.0	17.4	87	80-120	
Ethylbenzene	20.0	18.0	90	81-121	
1,2,3-Trichlorobenzene	20.0	18.2	91	75-121	
Freon TF	20.0	17.7	89	73-123	
1,2-Dichloropropane	20.0	18.0	90	82-122	
Isopropylbenzene	20.0	18.4	92	65-129	
Methyl acetate	20.0	18.7	94	73-137	
Methylcyclohexane	20.0	16.6	83	78-118	
1,2-Dibromo-3-Chloropropane	20.0	17.4	87	74-118	
Methylene Chloride	20.0	21.8	109	74-137	
1,1,2,2-Tetrachloroethane	20.0	16.7	84	79-122	
MTBE	20.0	18.2	91	78-120	
1,1,2-Trichloroethane	20.0	18.4	92	73-118	
Dibromochloromethane	20.0	18.2	91	68-120	
Styrene	20.0	18.3	92	82-122	
1,2-Dibromoethane	20.0	17.9	90	75-117	
Tetrachloroethene	20.0	17.7	89	80-120	
Dichlorodifluoromethane	20.0	15.5	77	52-144	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30809.d

Lab ID: LCS 460-152393/14 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	20.0	17.3	87	75-115	
Bromochloromethane	20.0	18.5	93	74-125	
trans-1,2-Dichloroethene	20.0	17.7	88	75-122	
Bromodichloromethane	20.0	18.8	94	79-119	
trans-1,3-Dichloropropene	20.0	18.3	92	67-121	
Trichloroethene	20.0	18.5	93	79-119	
Trichlorofluoromethane	20.0	17.4	87	61-139	
Vinyl chloride	20.0	14.6	73	67-133	
Xylenes, Total	60.0	54.5	91	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30832.d

Lab ID: LCS 460-152400/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.0	22.6	113	71-126	
1,1-Dichloroethane	20.0	22.6	113	76-125	
1,2-Dichloroethane	20.0	21.3	106	76-118	
1,1,1-Trichloroethane	20.0	22.7	113	78-117	
2-Butanone	20.0	21.0	105	77-117	
Acetone	20.0	17.8	89	27-164	
Benzene	20.0	22.8	114	77-117	
2-Hexanone	20.0	20.5	102	70-122	
Bromoform	20.0	21.3	106	59-125	
Bromomethane	20.0	21.6	108	54-142	
Carbon disulfide	20.0	22.3	112	72-128	
Carbon tetrachloride	20.0	23.0	115	79-118	
1,4-Dioxane	150	148	98	69-131	
Chlorobenzene	20.0	22.8	114	80-120	
Chloroethane	20.0	21.2	106	56-146	
Chloroform	20.0	22.3	111	77-120	
Chloromethane	20.0	19.4	97	50-151	
4-Methyl-2-pentanone	20.0	22.2	111	68-120	
cis-1,2-Dichloroethene	20.0	22.7	114	80-120	
cis-1,3-Dichloropropene	20.0	21.9	109	80-123	
1,2-Dichlorobenzene	20.0	21.5	107	80-120	
Cyclohexane	20.0	22.4	112	80-121	
1,3-Dichlorobenzene	20.0	22.1	111	80-120	
1,4-Dichlorobenzene	20.0	21.9	110	80-120	
1,2,4-Trichlorobenzene	20.0	22.2	111	80-120	
Ethylbenzene	20.0	22.6	113	81-121	
1,2,3-Trichlorobenzene	20.0	22.3	112	75-121	
Freon TF	20.0	23.5	118	73-123	
1,2-Dichloropropane	20.0	23.1	115	82-122	
Isopropylbenzene	20.0	23.8	119	65-129	
Methyl acetate	20.0	22.9	115	73-137	
Methylcyclohexane	20.0	22.8	114	78-118	
1,2-Dibromo-3-Chloropropane	20.0	21.7	108	74-118	
Methylene Chloride	20.0	27.2	136	74-137	
1,1,2,2-Tetrachloroethane	20.0	20.8	104	79-122	
MTBE	20.0	22.4	112	78-120	
1,1,2-Trichloroethane	20.0	21.8	109	73-118	
Dibromochloromethane	20.0	22.0	110	68-120	
Styrene	20.0	23.2	116	82-122	
1,2-Dibromoethane	20.0	23.3	116	75-117	
Tetrachloroethene	20.0	23.0	115	80-120	
Dichlorodifluoromethane	20.0	21.1	105	52-144	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30832.d

Lab ID: LCS 460-152400/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	20.0	22.3	111	75-115	
Bromochloromethane	20.0	23.2	116	74-125	
trans-1,2-Dichloroethene	20.0	23.3	117	75-122	
Bromodichloromethane	20.0	22.0	110	79-119	
trans-1,3-Dichloropropene	20.0	21.5	107	67-121	
Trichloroethene	20.0	23.0	115	79-119	
Trichlorofluoromethane	20.0	20.9	105	61-139	
Vinyl chloride	20.0	20.7	103	67-133	
Xylenes, Total	60.0	69.4	116	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53765.d

Lab ID: LCS 460-152550/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	2000	1810	91	68-138	
1,1-Dichloroethane	2000	1820	91	79-119	
1,2-Dichloroethane	2000	1790	89	81-121	
1,1,1-Trichloroethane	2000	1960	98	78-118	
2-Butanone	2000	1860	93	70-139	
Acetone	2000	1550	77	48-177	
Benzene	2000	1670	83	71-118	
2-Hexanone	2000	1600	80	62-123	
Bromoform	2000	1800	90	76-133	
Bromomethane	2000	1930	96	58-154	
Carbon disulfide	2000	1770	88	70-120	
Carbon tetrachloride	2000	2020	101	64-130	
1,4-Dioxane	15000	11100	74	54-147	
Chlorobenzene	2000	1930	96	69-124	
Chloroethane	2000	1740	87	66-144	
Chloroform	2000	1890	95	81-122	
Chloromethane	2000	1560	78	52-144	
4-Methyl-2-pentanone	2000	1620	81	69-124	
cis-1,2-Dichloroethene	2000	1950	97	78-118	
cis-1,3-Dichloropropene	2000	1740	87	75-120	
1,2-Dichlorobenzene	2000	1950	97	83-123	
Cyclohexane	2000	1950	97	69-128	
1,3-Dichlorobenzene	2000	1930	96	83-123	
1,4-Dichlorobenzene	2000	1930	96	84-124	
1,2,4-Trichlorobenzene	2000	2130	107	62-144	
Ethylbenzene	2000	1950	98	78-124	
1,2,3-Trichlorobenzene	2000	2220	111	36-207	
Freon TF	2000	2090	104	50-128	
1,2-Dichloropropane	2000	1820	91	78-118	
Isopropylbenzene	2000	2050	103	80-143	
Methyl acetate	2000	1730	86	72-165	
Methylcyclohexane	2000	2010	101	80-134	
1,2-Dibromo-3-Chloropropane	2000	2000	100	62-127	
Methylene Chloride	2000	1580	79	78-118	
1,1,2,2-Tetrachloroethane	2000	1750	87	86-145	
MTBE	2000	1890	94	65-143	
1,1,2-Trichloroethane	2000	1750	87	77-120	
Dibromochloromethane	2000	1840	92	78-118	
Styrene	2000	2040	102	73-126	
1,2-Dibromoethane	2000	1890	94	76-120	
Tetrachloroethene	2000	2030	102	78-136	
Dichlorodifluoromethane	2000	1580	79	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53765.d

Lab ID: LCS 460-152550/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	2000	1770	89	79-136	
Bromochloromethane	2000	1980	99	81-121	
trans-1,2-Dichloroethene	2000	1790	89	73-119	
Bromodichloromethane	2000	1870	93	78-118	
trans-1,3-Dichloropropene	2000	1740	87	73-118	
Trichloroethene	2000	1930	97	82-122	
Trichlorofluoromethane	2000	1770	88	60-148	
Vinyl chloride	2000	1690	84	55-154	
Xylenes, Total	6000	5920	99	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o71639.d

Lab ID: LCS 460-152683/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.0	18.3	91	71-126	
1,1-Dichloroethane	20.0	18.0	90	76-125	
1,2-Dichloroethane	20.0	18.9	94	76-118	
1,1,1-Trichloroethane	20.0	17.7	89	78-117	
2-Butanone	20.0	20.5	103	77-117	
Acetone	20.0	17.5	87	27-164	
Benzene	20.0	18.4	92	77-117	
2-Hexanone	20.0	20.4	102	70-122	
Bromoform	20.0	14.6	73	59-125	
Bromomethane	20.0	18.4	92	54-142	
Carbon disulfide	20.0	18.8	94	72-128	
Carbon tetrachloride	20.0	16.7	83	79-118	
1,4-Dioxane	150	140	93	69-131	
Chlorobenzene	20.0	17.8	89	80-120	
Chloroethane	20.0	17.5	88	56-146	
Chloroform	20.0	18.7	93	77-120	
Chloromethane	20.0	18.2	91	50-151	
4-Methyl-2-pentanone	20.0	21.0	105	68-120	
cis-1,2-Dichloroethene	20.0	18.5	92	80-120	
cis-1,3-Dichloropropene	20.0	18.6	93	80-123	
1,2-Dichlorobenzene	20.0	18.5	93	80-120	
Cyclohexane	20.0	20.7	103	80-121	
1,3-Dichlorobenzene	20.0	18.5	92	80-120	
1,4-Dichlorobenzene	20.0	17.9	90	80-120	
1,2,4-Trichlorobenzene	20.0	18.3	91	80-120	
Ethylbenzene	20.0	18.1	91	81-121	
1,2,3-Trichlorobenzene	20.0	18.2	91	75-121	
Freon TF	20.0	19.7	99	73-123	
1,2-Dichloropropane	20.0	18.0	90	82-122	
Isopropylbenzene	20.0	18.2	91	65-129	
Methyl acetate	20.0	25.5	127	73-137	
Methylcyclohexane	20.0	20.5	102	78-118	
1,2-Dibromo-3-Chloropropane	20.0	17.6	88	74-118	
Methylene Chloride	20.0	18.5	93	74-137	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	79-122	
MTBE	20.0	20.4	102	78-120	
1,1,2-Trichloroethane	20.0	18.2	91	73-118	
Dibromochloromethane	20.0	16.1	80	68-120	
Styrene	20.0	18.1	91	82-122	
1,2-Dibromoethane	20.0	17.6	88	75-117	
Tetrachloroethene	20.0	18.0	90	80-120	
Dichlorodifluoromethane	20.0	18.2	91	52-144	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o71639.d

Lab ID: LCS 460-152683/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	20.0	18.0	90	75-115	
Bromochloromethane	20.0	18.0	90	74-125	
trans-1,2-Dichloroethene	20.0	17.9	90	75-122	
Bromodichloromethane	20.0	15.9	79	79-119	
trans-1,3-Dichloropropene	20.0	15.3	76	67-121	
Trichloroethene	20.0	17.8	89	79-119	
Trichlorofluoromethane	20.0	18.3	92	61-139	
Vinyl chloride	20.0	18.6	93	67-133	
Xylenes, Total	60.0	53.7	90	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53513.d

Lab ID: LCSD 460-151820/16 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	2000	2210	110	18	30	68-138	
1,1-Dichloroethane	2000	1910	95	4	30	79-119	
1,2-Dichloroethane	2000	1810	90	4	30	81-121	
1,1,1-Trichloroethane	2000	1910	95	5	30	78-118	
2-Butanone	2000	1720	86	6	30	70-139	
Acetone	2000	1580	79	0	30	48-177	
Benzene	2000	1830	91	3	30	71-118	
2-Hexanone	2000	1610	81	16	30	62-123	
Bromoform	2000	1590	80	5	30	76-133	
Bromomethane	2000	1980	99	8	30	58-154	
Carbon disulfide	2000	1650	82	15	30	70-120	
Carbon tetrachloride	2000	1940	97	4	30	64-130	
1,4-Dioxane	15000	12200	81	22	30	54-147	
Chlorobenzene	2000	1900	95	2	30	69-124	
Chloroethane	2000	1910	95	14	30	66-144	
Chloroform	2000	1960	98	3	30	81-122	
Chloromethane	2000	1830	91	1	30	52-144	
4-Methyl-2-pentanone	2000	1830	91	7	30	69-124	
cis-1,2-Dichloroethene	2000	1900	95	4	30	78-118	
cis-1,3-Dichloropropene	2000	1900	95	4	30	75-120	
1,2-Dichlorobenzene	2000	1900	95	0	30	83-123	
Cyclohexane	2000	2040	102	10	30	69-128	
1,3-Dichlorobenzene	2000	1910	95	1	30	83-123	
1,4-Dichlorobenzene	2000	1920	96	2	30	84-124	
1,2,4-Trichlorobenzene	2000	1960	98	2	30	62-144	
Ethylbenzene	2000	1970	99	1	30	78-124	
1,2,3-Trichlorobenzene	2000	1850	93	4	30	36-207	
Freon TF	2000	2370	118	8	30	50-128	
1,2-Dichloropropane	2000	1870	94	3	30	78-118	
Isopropylbenzene	2000	2090	105	5	30	80-143	
Methyl acetate	2000	1590	79	19	30	72-165	
Methylcyclohexane	2000	2050	102	10	30	80-134	
1,2-Dibromo-3-Chloropropane	2000	2010	100	2	30	62-127	
Methylene Chloride	2000	1830	91	6	30	78-118	
1,1,2,2-Tetrachloroethane	2000	1780	89	7	30	86-145	
MTBE	2000	1860	93	8	30	65-143	
1,1,2-Trichloroethane	2000	1780	89	7	30	77-120	
Dibromochloromethane	2000	1810	91	4	30	78-118	
Styrene	2000	2010	101	1	30	73-126	
1,2-Dibromoethane	2000	1880	94	2	30	76-120	
Tetrachloroethene	2000	1960	98	1	30	78-136	
Dichlorodifluoromethane	2000	1860	93	7	30	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53513.d

Lab ID: LCSD 460-151820/16 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	2000	1850	92	4	30	79-136	
Bromochloromethane	2000	1880	94	3	30	81-121	
trans-1,2-Dichloroethene	2000	1840	92	4	30	73-119	
Bromodichloromethane	2000	1820	91	4	30	78-118	
trans-1,3-Dichloropropene	2000	1920	96	3	30	73-118	
Trichloroethene	2000	1840	92	5	30	82-122	
Trichlorofluoromethane	2000	1830	91	7	30	60-148	
Vinyl chloride	2000	1920	96	6	30	55-154	
Xylenes, Total	6000	5880	98	1	30	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30790.d

Lab ID: LCSD 460-152371/20 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	20.0	22.5	112	16	30	71-126	
1,1-Dichloroethane	20.0	22.4	112	19	30	76-125	
1,2-Dichloroethane	20.0	22.1	111	22	30	76-118	
1,1,1-Trichloroethane	20.0	22.6	113	19	30	78-117	
2-Butanone	20.0	20.3	101	13	30	77-117	
Acetone	20.0	17.2	86	25	30	27-164	
Benzene	20.0	22.4	112	17	30	77-117	
2-Hexanone	20.0	26.0	130	13	30	70-122	*
Bromoform	20.0	21.8	109	19	30	59-125	
Bromomethane	20.0	20.9	104	22	30	54-142	
Carbon disulfide	20.0	22.9	115	24	30	72-128	
Carbon tetrachloride	20.0	22.4	112	18	30	79-118	
1,4-Dioxane	150	161	108	1	30	69-131	
Chlorobenzene	20.0	21.8	109	19	30	80-120	
Chloroethane	20.0	19.5	98	17	30	56-146	
Chloroform	20.0	22.5	112	19	30	77-120	
Chloromethane	20.0	17.1	86	18	30	50-151	
4-Methyl-2-pentanone	20.0	22.9	115	12	30	68-120	
cis-1,2-Dichloroethene	20.0	22.1	110	17	30	80-120	
cis-1,3-Dichloropropene	20.0	22.0	110	20	30	80-123	
1,2-Dichlorobenzene	20.0	21.4	107	14	30	80-120	
Cyclohexane	20.0	22.6	113	22	30	80-121	
1,3-Dichlorobenzene	20.0	22.0	110	17	30	80-120	
1,4-Dichlorobenzene	20.0	21.5	107	13	30	80-120	
1,2,4-Trichlorobenzene	20.0	21.5	108	21	30	80-120	
Ethylbenzene	20.0	22.1	111	17	30	81-121	
1,2,3-Trichlorobenzene	20.0	22.6	113	26	30	75-121	
Freon TF	20.0	24.5	123	26	30	73-123	
1,2-Dichloropropane	20.0	23.0	115	21	30	82-122	
Isopropylbenzene	20.0	22.8	114	17	30	65-129	
Methyl acetate	20.0	23.8	119	30	30	73-137	
Methylcyclohexane	20.0	22.9	115	22	30	78-118	
1,2-Dibromo-3-Chloropropane	20.0	19.4	97	17	30	74-118	
Methylene Chloride	20.0	25.4	127	0	30	74-137	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	13	30	79-122	
MTBE	20.0	23.4	117	25	30	78-120	
1,1,2-Trichloroethane	20.0	22.0	110	22	30	73-118	
Dibromochloromethane	20.0	22.3	111	18	30	68-120	
Styrene	20.0	22.3	112	18	30	82-122	
1,2-Dibromoethane	20.0	22.0	110	17	30	75-117	
Tetrachloroethene	20.0	22.4	112	15	30	80-120	
Dichlorodifluoromethane	20.0	20.1	101	20	30	52-144	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30790.d

Lab ID: LCSD 460-152371/20 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	20.0	21.8	109	17	30	75-115	
Bromochloromethane	20.0	22.0	110	15	30	74-125	
trans-1,2-Dichloroethene	20.0	22.5	113	17	30	75-122	
Bromodichloromethane	20.0	22.4	112	19	30	79-119	
trans-1,3-Dichloropropene	20.0	21.5	107	21	30	67-121	
Trichloroethene	20.0	22.2	111	16	30	79-119	
Trichlorofluoromethane	20.0	21.7	109	22	30	61-139	
Vinyl chloride	20.0	19.0	95	19	30	67-133	
Xylenes, Total	60.0	67.2	112	18	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30810.d

Lab ID: LCSD 460-152393/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	20.0	17.8	89	5	30	71-126	
1,1-Dichloroethane	20.0	17.9	90	0	30	76-125	
1,2-Dichloroethane	20.0	18.6	93	1	30	76-118	
1,1,1-Trichloroethane	20.0	18.4	92	1	30	78-117	
2-Butanone	20.0	22.6	113	33	30	77-117	*
Acetone	20.0	12.5	62	7	30	27-164	
Benzene	20.0	18.4	92	1	30	77-117	
2-Hexanone	20.0	16.7	84	2	30	70-122	
Bromoform	20.0	19.1	95	5	30	59-125	
Bromomethane	20.0	18.0	90	2	30	54-142	
Carbon disulfide	20.0	16.3	81	0	30	72-128	
Carbon tetrachloride	20.0	17.7	88	1	30	79-118	
1,4-Dioxane	150	131	88	5	30	69-131	
Chlorobenzene	20.0	18.3	91	1	30	80-120	
Chloroethane	20.0	18.1	91	4	30	56-146	
Chloroform	20.0	18.8	94	3	30	77-120	
Chloromethane	20.0	14.9	74	0	30	50-151	
4-Methyl-2-pentanone	20.0	18.9	95	4	30	68-120	
cis-1,2-Dichloroethene	20.0	18.6	93	2	30	80-120	
cis-1,3-Dichloropropene	20.0	18.7	93	5	30	80-123	
1,2-Dichlorobenzene	20.0	17.7	89	1	30	80-120	
Cyclohexane	20.0	15.9	80	0	30	80-121	
1,3-Dichlorobenzene	20.0	17.7	89	2	30	80-120	
1,4-Dichlorobenzene	20.0	17.9	89	2	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.9	89	3	30	80-120	
Ethylbenzene	20.0	17.8	89	1	30	81-121	
1,2,3-Trichlorobenzene	20.0	18.3	92	1	30	75-121	
Freon TF	20.0	17.0	85	4	30	73-123	
1,2-Dichloropropane	20.0	19.0	95	6	30	82-122	
Isopropylbenzene	20.0	18.4	92	0	30	65-129	
Methyl acetate	20.0	19.1	96	2	30	73-137	
Methylcyclohexane	20.0	16.4	82	1	30	78-118	
1,2-Dibromo-3-Chloropropane	20.0	17.9	89	3	30	74-118	
Methylene Chloride	20.0	22.8	114	4	30	74-137	
1,1,2,2-Tetrachloroethane	20.0	17.0	85	1	30	79-122	
MTBE	20.0	18.5	92	1	30	78-120	
1,1,2-Trichloroethane	20.0	18.0	90	2	30	73-118	
Dibromochloromethane	20.0	18.8	94	3	30	68-120	
Styrene	20.0	18.8	94	2	30	82-122	
1,2-Dibromoethane	20.0	18.8	94	5	30	75-117	
Tetrachloroethene	20.0	18.2	91	3	30	80-120	
Dichlorodifluoromethane	20.0	16.7	83	7	30	52-144	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30810.d

Lab ID: LCSD 460-152393/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	20.0	17.5	88	1	30	75-115	
Bromochloromethane	20.0	18.7	94	1	30	74-125	
trans-1,2-Dichloroethene	20.0	18.6	93	5	30	75-122	
Bromodichloromethane	20.0	19.2	96	2	30	79-119	
trans-1,3-Dichloropropene	20.0	18.0	90	2	30	67-121	
Trichloroethene	20.0	18.3	92	1	30	79-119	
Trichlorofluoromethane	20.0	18.0	90	3	30	61-139	
Vinyl chloride	20.0	15.4	77	5	30	67-133	
Xylenes, Total	60.0	55.1	92	1	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30833.d

Lab ID: LCSD 460-152400/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	20.0	20.1	100	12	30	71-126	
1,1-Dichloroethane	20.0	20.5	103	10	30	76-125	
1,2-Dichloroethane	20.0	19.5	97	9	30	76-118	
1,1,1-Trichloroethane	20.0	20.8	104	9	30	78-117	
2-Butanone	20.0	17.6	88	18	30	77-117	
Acetone	20.0	13.3	66	29	30	27-164	
Benzene	20.0	20.8	104	9	30	77-117	
2-Hexanone	20.0	18.7	94	9	30	70-122	
Bromoform	20.0	18.1	90	16	30	59-125	
Bromomethane	20.0	19.4	97	11	30	54-142	
Carbon disulfide	20.0	21.3	106	5	30	72-128	
Carbon tetrachloride	20.0	19.9	99	14	30	79-118	
1,4-Dioxane	150	147	98	0	30	69-131	
Chlorobenzene	20.0	19.9	100	13	30	80-120	
Chloroethane	20.0	19.9	99	7	30	56-146	
Chloroform	20.0	20.6	103	8	30	77-120	
Chloromethane	20.0	17.6	88	9	30	50-151	
4-Methyl-2-pentanone	20.0	20.3	102	9	30	68-120	
cis-1,2-Dichloroethene	20.0	20.0	100	13	30	80-120	
cis-1,3-Dichloropropene	20.0	20.0	100	9	30	80-123	
1,2-Dichlorobenzene	20.0	19.6	98	9	30	80-120	
Cyclohexane	20.0	21.6	108	4	30	80-121	
1,3-Dichlorobenzene	20.0	19.6	98	12	30	80-120	
1,4-Dichlorobenzene	20.0	20.0	100	9	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.7	98	12	30	80-120	
Ethylbenzene	20.0	20.0	100	12	30	81-121	
1,2,3-Trichlorobenzene	20.0	20.0	100	11	30	75-121	
Freon TF	20.0	22.5	112	5	30	73-123	
1,2-Dichloropropane	20.0	20.5	103	12	30	82-122	
Isopropylbenzene	20.0	21.0	105	13	30	65-129	
Methyl acetate	20.0	20.9	105	9	30	73-137	
Methylcyclohexane	20.0	22.0	110	4	30	78-118	
1,2-Dibromo-3-Chloropropane	20.0	17.5	87	21	30	74-118	
Methylene Chloride	20.0	26.6	133	2	30	74-137	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	12	30	79-122	
MTBE	20.0	21.2	106	6	30	78-120	
1,1,2-Trichloroethane	20.0	18.8	94	15	30	73-118	
Dibromochloromethane	20.0	19.1	96	14	30	68-120	
Styrene	20.0	19.9	100	15	30	82-122	
1,2-Dibromoethane	20.0	18.7	93	22	30	75-117	
Tetrachloroethene	20.0	20.6	103	11	30	80-120	
Dichlorodifluoromethane	20.0	18.5	93	13	30	52-144	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d30833.d

Lab ID: LCSD 460-152400/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	20.0	19.8	99	12	30	75-115	
Bromochloromethane	20.0	20.3	101	13	30	74-125	
trans-1,2-Dichloroethene	20.0	20.7	103	12	30	75-122	
Bromodichloromethane	20.0	20.6	103	6	30	79-119	
trans-1,3-Dichloropropene	20.0	18.9	95	13	30	67-121	
Trichloroethene	20.0	20.6	103	11	30	79-119	
Trichlorofluoromethane	20.0	19.7	99	6	30	61-139	
Vinyl chloride	20.0	18.4	92	12	30	67-133	
Xylenes, Total	60.0	60.8	101	13	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o71640.d

Lab ID: LCSD 460-152683/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	20.0	20.0	100	9	30	71-126	
1,1-Dichloroethane	20.0	19.6	98	9	30	76-125	
1,2-Dichloroethane	20.0	19.7	99	4	30	76-118	
1,1,1-Trichloroethane	20.0	19.0	95	7	30	78-117	
2-Butanone	20.0	23.4	117	13	30	77-117	
Acetone	20.0	23.3	116	29	30	27-164	
Benzene	20.0	19.9	99	8	30	77-117	
2-Hexanone	20.0	19.5	98	5	30	70-122	
Bromoform	20.0	15.4	77	5	30	59-125	
Bromomethane	20.0	19.7	99	7	30	54-142	
Carbon disulfide	20.0	19.3	96	3	30	72-128	
Carbon tetrachloride	20.0	17.7	88	6	30	79-118	
1,4-Dioxane	150	133	89	5	30	69-131	
Chlorobenzene	20.0	19.0	95	7	30	80-120	
Chloroethane	20.0	19.0	95	8	30	56-146	
Chloroform	20.0	19.5	98	4	30	77-120	
Chloromethane	20.0	19.8	99	8	30	50-151	
4-Methyl-2-pentanone	20.0	21.0	105	0	30	68-120	
cis-1,2-Dichloroethene	20.0	19.9	100	7	30	80-120	
cis-1,3-Dichloropropene	20.0	20.0	100	8	30	80-123	
1,2-Dichlorobenzene	20.0	19.1	95	3	30	80-120	
Cyclohexane	20.0	20.7	104	0	30	80-121	
1,3-Dichlorobenzene	20.0	19.3	97	5	30	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	5	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.0	95	4	30	80-120	
Ethylbenzene	20.0	18.8	94	4	30	81-121	
1,2,3-Trichlorobenzene	20.0	19.2	96	5	30	75-121	
Freon TF	20.0	20.1	100	2	30	73-123	
1,2-Dichloropropane	20.0	19.3	96	7	30	82-122	
Isopropylbenzene	20.0	19.3	96	6	30	65-129	
Methyl acetate	20.0	24.5	122	4	30	73-137	
Methylcyclohexane	20.0	20.6	103	1	30	78-118	
1,2-Dibromo-3-Chloropropane	20.0	17.2	86	3	30	74-118	
Methylene Chloride	20.0	19.7	98	6	30	74-137	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	4	30	79-122	
MTBE	20.0	21.0	105	3	30	78-120	
1,1,2-Trichloroethane	20.0	19.4	97	7	30	73-118	
Dibromochloromethane	20.0	17.0	85	6	30	68-120	
Styrene	20.0	19.5	98	7	30	82-122	
1,2-Dibromoethane	20.0	18.6	93	6	30	75-117	
Tetrachloroethene	20.0	19.9	100	10	30	80-120	
Dichlorodifluoromethane	20.0	19.4	97	6	30	52-144	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o71640.d

Lab ID: LCSD 460-152683/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	20.0	19.3	97	7	30	75-115	
Bromochloromethane	20.0	19.3	97	7	30	74-125	
trans-1,2-Dichloroethene	20.0	19.5	97	8	30	75-122	
Bromodichloromethane	20.0	17.3	86	9	30	79-119	
trans-1,3-Dichloropropene	20.0	16.5	83	8	30	67-121	
Trichloroethene	20.0	19.5	98	9	30	79-119	
Trichlorofluoromethane	20.0	20.2	101	10	30	61-139	
Vinyl chloride	20.0	20.4	102	10	30	67-133	
Xylenes, Total	60.0	57.2	95	6	30	82-122	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53492.d

Lab ID: 460-52303-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	1310	5.8 U	1120	86	68-138	
1,1-Dichloroethane	1310	8.5 U	1180	90	79-119	
1,2-Dichloroethane	1310	12 U	1190	91	81-121	
1,1,1-Trichloroethane	1310	4.1 U	1180	90	78-118	
2-Butanone	1310	150 U	1340	102	70-139	
Acetone	1310	180 U	1280	98	48-177	
Benzene	1310	5.4 U	1220	93	71-118	
2-Hexanone	1310	33 U	1230	94	62-123	
Bromoform	1310	13 U	928	71	76-133	F
Bromomethane	1310	12 U	1010	77	58-164	
Carbon disulfide	1310	8.2 U	951	73	70-120	
Carbon tetrachloride	1310	3.7 U	1160	88	64-130	
1,4-Dioxane	9830	2400 U	7710	78	54-147	
Chlorobenzene	1310	7.2 U	1240	95	69-124	
Chloroethane	1310	11 U	1090	83	66-144	
Chloroform	1310	5.1 U	1200	91	81-122	
Chloromethane	1310	6.3 U	1190	91	52-144	
4-Methyl-2-pentanone	1310	65 U	1290	98	69-124	
cis-1,2-Dichloroethene	1310	12 U	1170	89	78-118	
cis-1,3-Dichloropropene	1310	12 U	1170	90	75-120	
1,2-Dichlorobenzene	1310	13 U	1270	97	83-123	
Cyclohexane	1310	10 U	1330	102	69-128	
1,3-Dichlorobenzene	1310	8.9 U	1270	97	83-123	
1,4-Dichlorobenzene	1310	15 U	1280	98	84-124	
1,2,4-Trichlorobenzene	1310	22 U	1210	93	62-144	
Ethylbenzene	1310	6.3 U	1260	96	78-124	
1,2,3-Trichlorobenzene	1310	34 U	1140	87	36-207	
Freon TF	1310	5.4 U	1160	89	50-128	
1,2-Dichloropropane	1310	5.6 U	1220	93	78-118	
Isopropylbenzene	1310	5.0 U	1340	102	80-143	
Methyl acetate	1310	22 U	1150	88	72-165	
Methylcyclohexane	1310	8.9 U	1280	98	80-134	
1,2-Dibromo-3-Chloropropane	1310	26 U	1170	89	62-127	
Methylene Chloride	1310	12 U	993	76	78-118	F
1,1,2,2-Tetrachloroethane	1310	10 U	1220	93	86-145	
MTBE	1310	9.0 U	1190	91	65-143	
1,1,2-Trichloroethane	1310	12 U	1200	92	77-120	
Dibromochloromethane	1310	13 U	1070	82	78-118	
Styrene	1310	7.8 U	1250	95	73-126	
1,2-Dibromoethane	1310	18 U	1200	92	76-120	
Tetrachloroethene	1310	6.4 U	1260	96	78-136	
Dichlorodifluoromethane	1310	14 U	1220	93	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53492.d

Lab ID: 460-52303-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Toluene	1310	9.8 U	1210	92	79-136	
Bromochloromethane	1310	18 U	1130	86	81-121	
trans-1,2-Dichloroethene	1310	8.4 U	1100	84	73-119	
Bromodichloromethane	1310	8.2 U	1110	85	78-118	
trans-1,3-Dichloropropene	1310	16 U	1160	89	73-118	
Trichloroethene	1310	6.0 U	1170	89	82-122	
Trichlorofluoromethane	1310	9.6 U	1070	81	60-148	
Vinyl chloride	1310	9.5 U	1250	95	55-154	
Xylenes, Total	3930	24 U	3790	96	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53611.d

Lab ID: 460-52432-A-18-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	743	3.3 U	735	99	68-138	
1,1-Dichloroethane	743	4.8 U	660	89	79-119	
1,2-Dichloroethane	743	7.0 U	669	90	81-121	
1,1,1-Trichloroethane	743	2.3 U	665	90	78-118	
2-Butanone	743	86 U	733	99	70-139	
Acetone	743	100 U	547	74	48-177	
Benzene	743	9.1 J	660	88	71-118	
2-Hexanone	743	19 U	693	93	62-123	
Bromoform	743	7.1 U	556	75	76-133	F
Bromomethane	743	6.7 U	498	67	58-164	
Carbon disulfide	743	4.7 U	594	80	70-120	
Carbon tetrachloride	743	2.1 U	676	91	64-130	
1,4-Dioxane	5580	1300 U	6460	116	54-147	
Chlorobenzene	743	4.1 U	717	97	69-124	
Chloroethane	743	6.3 U	493	66	66-144	
Chloroform	743	2.9 U	696	94	81-122	
Chloromethane	743	3.6 U	676	91	52-144	
4-Methyl-2-pentanone	743	37 U	681	92	69-124	
cis-1,2-Dichloroethene	743	6.6 U	688	93	78-118	
cis-1,3-Dichloropropene	743	6.8 U	645	87	75-120	
1,2-Dichlorobenzene	743	7.6 U	737	99	83-123	
Cyclohexane	743	230	1130	121	69-128	
1,3-Dichlorobenzene	743	5.0 U	733	99	83-123	
1,4-Dichlorobenzene	743	8.6 U	737	99	84-124	
1,2,4-Trichlorobenzene	743	13 U	799	107	62-144	
Ethylbenzene	743	59	800	100	78-124	
1,2,3-Trichlorobenzene	743	19 U	738	99	36-207	
Freon TF	743	3.0 U	791	106	50-128	
1,2-Dichloropropane	743	3.2 U	686	92	78-118	
Isopropylbenzene	743	40	824	106	80-143	
Methyl acetate	743	12 U	696	94	72-165	
Methylcyclohexane	743	730	1510	105	80-134	
1,2-Dibromo-3-Chloropropane	743	15 U	880	118	62-127	
Methylene Chloride	743	6.8 U	619	83	78-118	
1,1,2,2-Tetrachloroethane	743	5.9 U	683	92	86-145	
MTBE	743	5.1 U	691	93	65-143	
1,1,2-Trichloroethane	743	7.0 U	658	89	77-120	
Dibromochloromethane	743	7.4 U	620	83	78-118	
Styrene	743	4.4 U	756	102	73-126	
1,2-Dibromoethane	743	10 U	691	93	76-120	
Tetrachloroethene	743	3.6 U	731	98	78-136	
Dichlorodifluoromethane	743	8.0 U	738	99	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53611.d

Lab ID: 460-52432-A-18-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Toluene	743	5.6 U	678	91	79-136	
Bromochloromethane	743	10 U	698	94	81-121	
trans-1,2-Dichloroethene	743	4.8 U	629	85	73-119	
Bromodichloromethane	743	4.6 U	640	86	78-118	
trans-1,3-Dichloropropene	743	9.0 U	654	88	73-118	
Trichloroethene	743	3.4 U	684	92	82-122	
Trichlorofluoromethane	743	5.4 U	562	76	60-148	
Vinyl chloride	743	5.4 U	690	93	55-154	
Xylenes, Total	2230	13 U	2230	100	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53549.d

Lab ID: 460-52432-A-20-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	598	2.6 U	635	106	68-138	
1,1-Dichloroethane	598	3.9 U	556	93	79-119	
1,2-Dichloroethane	598	5.6 U	577	97	81-121	
1,1,1-Trichloroethane	598	1.9 U	563	94	78-118	
2-Butanone	598	69 U	699	117	70-139	
Acetone	598	80 U	521	87	48-177	
Benzene	598	84	636	92	71-118	
2-Hexanone	598	15 U	691	116	62-123	
Bromoform	598	5.7 U	460	77	76-133	
Bromomethane	598	5.4 U	441	74	58-164	
Carbon disulfide	598	3.7 U	464	78	70-120	
Carbon tetrachloride	598	1.7 U	534	89	64-130	
1,4-Dioxane	4480	1100 U	4990	111	54-147	
Chlorobenzene	598	3.3 U	614	103	69-124	
Chloroethane	598	5.1 U	438	73	66-144	
Chloroform	598	2.3 U	574	96	81-122	
Chloromethane	598	2.9 U	570	95	52-144	
4-Methyl-2-pentanone	598	29 U	590	99	69-124	
cis-1,2-Dichloroethene	598	5.3 U	556	93	78-118	
cis-1,3-Dichloropropene	598	5.5 U	553	93	75-120	
1,2-Dichlorobenzene	598	6.1 U	615	103	83-123	
Cyclohexane	598	5300	7860	429	69-128	4
1,3-Dichlorobenzene	598	4.0 U	621	104	83-123	
1,4-Dichlorobenzene	598	7.0 U	635	106	84-124	
1,2,4-Trichlorobenzene	598	10 U	761	127	62-144	
Ethylbenzene	598	10000	10800	107	78-124	4
1,2,3-Trichlorobenzene	598	15 U	674	113	36-207	
Freon TF	598	2.5 U	699	117	50-128	
1,2-Dichloropropane	598	2.6 U	622	104	78-118	
Isopropylbenzene	598	730	1400	111	80-143	
Methyl acetate	598	10 U	4370	731	72-165	F
Methylcyclohexane	598	13000	12000	-99	80-134	4
1,2-Dibromo-3-Chloropropane	598	12 U	665	111	62-127	
Methylene Chloride	598	5.4 U	696	116	78-118	
1,1,2,2-Tetrachloroethane	598	4.7 U	649	109	86-145	
MTBE	598	4.1 U	594	99	65-143	
1,1,2-Trichloroethane	598	5.6 U	658	110	77-120	
Dibromochloromethane	598	6.0 U	520	87	78-118	
Styrene	598	3.5 U	654	109	73-126	
1,2-Dibromoethane	598	8.2 U	605	101	76-120	
Tetrachloroethene	598	2.9 U	681	114	78-136	
Dichlorodifluoromethane	598	6.4 U	611	102	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53549.d

Lab ID: 460-52432-A-20-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Toluene	598	77	657	97	79-136	
Bromochloromethane	598	8.2 U	568	95	81-121	
trans-1,2-Dichloroethene	598	3.8 U	512	86	73-119	
Bromodichloromethane	598	3.7 U	557	93	78-118	
trans-1,3-Dichloropropene	598	7.3 U	572	96	73-118	
Trichloroethene	598	2.7 U	617	103	82-122	
Trichlorofluoromethane	598	4.4 U	413	69	60-148	
Vinyl chloride	598	4.3 U	588	98	55-154	
Xylenes, Total	1790	1500	3400	108	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k11022.d

Lab ID: 460-52448-A-3 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	200	0.090 U	141	71	56-139	
1,1-Dichloroethane	200	0.13 U	184	92	78-122	
1,2-Dichloroethane	200	0.19 U	207	104	74-118	
1,1,1-Trichloroethane	200	0.060 U	208	104	74-128	
2-Butanone	200	3.7 J	191	94	65-114	
Acetone	200	11	248	118	45-156	
Benzene	200	75	239	82	83-124	F
2-Hexanone	200	0.50 U	200	100	53-121	
Bromoform	200	0.19 U	196	98	73-123	
Bromomethane	200	0.18 U	231	115	55-153	
Carbon disulfide	200	0.13 U	135	67	58-139	
Carbon tetrachloride	200	0.060 U	212	106	73-120	
1,4-Dioxane	1500	36 U	1210	81	52-126	
Chlorobenzene	200	0.11 U	182	91	81-121	
Chloroethane	200	0.17 U	199	100	69-145	
Chloroform	200	0.080 U	204	102	82-123	
Chloromethane	200	0.10 U	193	97	58-146	
4-Methyl-2-pentanone	200	0.99 U	196	98	53-120	
cis-1,2-Dichloroethene	200	0.18 U	171	86	80-120	
cis-1,3-Dichloropropene	200	0.18 U	179	90	80-120	
1,2-Dichlorobenzene	200	0.21 U	188	94	82-122	
Cyclohexane	200	15	141	63	58-133	
1,3-Dichlorobenzene	200	0.14 U	181	91	81-126	
1,4-Dichlorobenzene	200	0.23 U	185	93	83-123	
1,2,4-Trichlorobenzene	200	0.34 U	181	91	66-120	
Ethylbenzene	200	190	287	47	79-126	F
1,2,3-Trichlorobenzene	200	0.51 U	169	84	76-123	
Freon TF	200	0.080 U	125	62	47-139	
1,2-Dichloropropane	200	0.090 U	177	88	80-120	
Isopropylbenzene	200	200	298	49	80-125	F
Methyl acetate	200	0.34 U	189	94	50-151	
Methylcyclohexane	200	13	135	61	61-129	
1,2-Dibromo-3-Chloropropane	200	0.40 U	210	105	70-116	
Methylene Chloride	200	0.18 U	172	86	79-119	
1,1,2,2-Tetrachloroethane	200	0.16 U	188	94	74-126	
MTBE	200	0.56 J	187	93	71-115	
1,1,2-Trichloroethane	200	0.19 U	183	92	79-119	
Dibromochloromethane	200	0.20 U	199	100	80-120	
Styrene	200	0.12 U	165	82	69-112	
1,2-Dibromoethane	200	0.28 U	181	90	78-118	
Tetrachloroethene	200	0.10 U	184	92	68-139	
Dichlorodifluoromethane	200	0.22 U	203	101	46-145	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k11022.d

Lab ID: 460-52448-A-3 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Toluene	200	2.5	188	93	80-120	
Bromochloromethane	200	0.27 U	168	84	80-121	
trans-1,2-Dichloroethene	200	0.13 U	162	81	75-122	
Bromodichloromethane	200	0.12 U	200	100	79-119	
trans-1,3-Dichloropropene	200	0.24 U	186	93	78-118	
Trichloroethene	200	0.090 U	185	93	78-119	
Trichlorofluoromethane	200	0.15 U	197	99	69-147	
Vinyl chloride	200	0.14 U	202	101	61-144	
Xylenes, Total	600	230	656	70	76-121	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53638.d

Lab ID: 460-52683-B-4-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	2830	50 U	1780	63	68-138	F
1,1-Dichloroethane	2830	74 U	2430	86	79-119	
1,2-Dichloroethane	2830	110 U	2530	89	81-121	
1,1,1-Trichloroethane	2830	490 J	2970	87	78-118	
2-Butanone	2830	1300 U	2670	94	70-139	
Acetone	2830	1500 U	1700	60	48-177	
Benzene	2830	47 U	2480	87	71-118	
2-Hexanone	2830	280 U	2540	90	62-123	
Bromoform	2830	110 U	2140	76	76-133	
Bromomethane	2830	100 U	1650	58	58-164	
Carbon disulfide	2830	71 U	1980	70	70-120	
Carbon tetrachloride	2830	32 U	2400	85	64-130	
1,4-Dioxane	21300	20000 U	17400	82	54-147	
Chlorobenzene	2830	650	3370	96	69-124	
Chloroethane	2830	96 U	1560	55	66-144	F
Chloroform	2830	45 U	2610	92	81-122	
Chloromethane	2830	55 U	2340	83	52-144	
4-Methyl-2-pentanone	2830	560 U	2500	88	69-124	
cis-1,2-Dichloroethene	2830	420 J	2980	90	78-118	
cis-1,3-Dichloropropene	2830	100 U	2400	85	75-120	
1,2-Dichlorobenzene	2830	2400	5200	100	83-123	
Cyclohexane	2830	90 U	2600	92	69-128	
1,3-Dichlorobenzene	2830	150 J	2870	96	83-123	
1,4-Dichlorobenzene	2830	430 J	3200	98	84-124	
1,2,4-Trichlorobenzene	2830	190 U	2820	100	62-144	
Ethylbenzene	2830	54 U	2770	98	78-124	
1,2,3-Trichlorobenzene	2830	290 U	2480	87	36-207	
Freon TF	2830	46 U	2400	85	50-128	
1,2-Dichloropropane	2830	49 U	2580	91	78-118	
Isopropylbenzene	2830	43 U	2890	102	80-143	
Methyl acetate	2830	190 U	2190	77	72-165	
Methylcyclohexane	2830	77 U	2440	86	80-134	
1,2-Dibromo-3-Chloropropane	2830	230 U	2850	100	62-127	
Methylene Chloride	2830	420 J	2400	70	78-118	F
1,1,2,2-Tetrachloroethane	2830	89 U	2580	91	86-145	
MTBE	2830	78 U	2600	92	65-143	
1,1,2-Trichloroethane	2830	110 U	4280	151	77-120	F
Dibromochloromethane	2830	110 U	2340	83	78-118	
Styrene	2830	67 U	2770	98	73-126	
1,2-Dibromoethane	2830	160 U	2590	91	76-120	
Tetrachloroethene	2830	93000	98800	188	78-136	4
Dichlorodifluoromethane	2830	120 U	2140	75	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53638.d

Lab ID: 460-52683-B-4-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Toluene	2830	97 J	2620	89	79-136	
Bromochloromethane	2830	150 U	2610	92	81-121	
trans-1,2-Dichloroethene	2830	73 U	2320	82	73-119	
Bromodichloromethane	2830	71 U	2430	86	78-118	
trans-1,3-Dichloropropene	2830	140 U	2360	83	73-118	
Trichloroethene	2830	960	3440	88	82-122	
Trichlorofluoromethane	2830	83 U	1710	60	60-148	
Vinyl chloride	2830	82 U	2410	85	55-154	
Xylenes, Total	8500	200 U	8210	97	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53773.d

Lab ID: 460-52802-A-2-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	775	3.4 U	668	86	68-138	
1,1-Dichloroethane	775	5.1 U	673	87	79-119	
1,2-Dichloroethane	775	7.3 U	675	87	81-121	
1,1,1-Trichloroethane	775	2.4 U	719	93	78-118	
2-Butanone	775	90 U	713	92	70-139	
Acetone	775	100 U	628	81	48-177	
Benzene	775	3.2 U	647	83	71-118	
2-Hexanone	775	19 U	552	71	62-123	
Bromoform	775	7.4 U	602	78	76-133	
Bromomethane	775	7.0 U	512	66	58-164	
Carbon disulfide	775	4.9 U	546	70	70-120	
Carbon tetrachloride	775	2.2 U	714	92	64-130	
1,4-Dioxane	5810	1400 U	6160	106	54-147	
Chlorobenzene	775	4.3 U	766	99	69-124	
Chloroethane	775	6.6 U	394	51	66-144	F
Chloroform	775	3.0 U	723	93	81-122	
Chloromethane	775	3.8 U	644	83	52-144	
4-Methyl-2-pentanone	775	38 U	597	77	69-124	
cis-1,2-Dichloroethene	775	6.9 U	726	94	78-118	
cis-1,3-Dichloropropene	775	7.1 U	635	82	75-120	
1,2-Dichlorobenzene	775	7.9 U	772	100	83-123	
Cyclohexane	775	6.1 U	764	99	69-128	
1,3-Dichlorobenzene	775	5.2 U	771	99	83-123	
1,4-Dichlorobenzene	775	9.0 U	769	99	84-124	
1,2,4-Trichlorobenzene	775	13 U	841	109	62-144	
Ethylbenzene	775	3.7 U	788	102	78-124	
1,2,3-Trichlorobenzene	775	20 U	867	112	36-207	
Freon TF	775	3.2 U	734	95	50-128	
1,2-Dichloropropane	775	3.3 U	715	92	78-118	
Isopropylbenzene	775	3.0 U	826	107	80-143	
Methyl acetate	775	13 U	630	81	72-165	
Methylcyclohexane	775	5.2 U	764	99	80-134	
1,2-Dibromo-3-Chloropropane	775	15 U	682	88	62-127	
Methylene Chloride	775	7.1 U	614	79	78-118	
1,1,2,2-Tetrachloroethane	775	6.1 U	649	84	86-145	F
MTBE	775	5.3 U	705	91	65-143	
1,1,2-Trichloroethane	775	7.3 U	675	87	77-120	
Dibromochloromethane	775	7.7 U	637	82	78-118	
Styrene	775	4.6 U	790	102	73-126	
1,2-Dibromoethane	775	11 U	693	89	76-120	
Tetrachloroethene	775	3.8 U	801	103	78-136	
Dichlorodifluoromethane	775	8.3 U	623	80	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53773.d

Lab ID: 460-52802-A-2-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Toluene	775	5.8 U	692	89	79-136	
Bromochloromethane	775	11 U	740	96	81-121	
trans-1,2-Dichloroethene	775	5.0 U	649	84	73-119	
Bromodichloromethane	775	4.8 U	673	87	78-118	
trans-1,3-Dichloropropene	775	9.4 U	628	81	73-118	
Trichloroethene	775	3.6 U	734	95	82-122	
Trichlorofluoromethane	775	5.7 U	546	70	60-148	
Vinyl chloride	775	5.6 U	682	88	55-154	
Xylenes, Total	2320	14 U	2400	103	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53493.d

Lab ID: 460-52303-A-1-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	1310	1230	94	9	30	68-138	
1,1-Dichloroethane	1310	1270	97	8	30	79-119	
1,2-Dichloroethane	1310	1290	99	8	30	81-121	
1,1,1-Trichloroethane	1310	1280	98	8	30	78-118	
2-Butanone	1310	1590	121	17	30	70-139	
Acetone	1310	1400	107	9	30	48-177	
Benzene	1310	1330	102	9	30	71-118	
2-Hexanone	1310	1410	108	14	30	62-123	
Bromoform	1310	1020	78	9	30	76-133	
Bromomethane	1310	1350	103	28	30	58-164	
Carbon disulfide	1310	1090	83	14	30	70-120	
Carbon tetrachloride	1310	1290	98	11	30	64-130	
1,4-Dioxane	9830	5880 J	60	27	30	54-147	
Chlorobenzene	1310	1350	103	8	30	69-124	
Chloroethane	1310	1200	92	10	30	66-144	
Chloroform	1310	1340	102	11	30	81-122	
Chloromethane	1310	1280	98	7	30	52-144	
4-Methyl-2-pentanone	1310	1380	105	7	30	69-124	
cis-1,2-Dichloroethene	1310	1300	99	10	30	78-118	
cis-1,3-Dichloropropene	1310	1290	98	9	30	75-120	
1,2-Dichlorobenzene	1310	1370	104	7	30	83-123	
Cyclohexane	1310	1470	112	10	30	69-128	
1,3-Dichlorobenzene	1310	1350	103	7	30	83-123	
1,4-Dichlorobenzene	1310	1390	106	8	30	84-124	
1,2,4-Trichlorobenzene	1310	1360	104	12	30	62-144	
Ethylbenzene	1310	1380	105	9	30	78-124	
1,2,3-Trichlorobenzene	1310	1300	100	13	30	36-207	
Freon TF	1310	1680	128	36	30	50-128	F
1,2-Dichloropropane	1310	1330	102	9	30	78-118	
Isopropylbenzene	1310	1450	111	9	30	80-143	
Methyl acetate	1310	1360	104	17	30	72-165	
Methylcyclohexane	1310	1430	109	11	30	80-134	
1,2-Dibromo-3-Chloropropane	1310	1250	95	6	30	62-127	
Methylene Chloride	1310	1200	91	19	30	78-118	
1,1,2,2-Tetrachloroethane	1310	1310	100	8	30	86-145	
MTBE	1310	1350	103	13	30	65-143	
1,1,2-Trichloroethane	1310	1310	100	9	30	77-120	
Dibromochloromethane	1310	1200	91	11	30	78-118	
Styrene	1310	1370	104	9	30	73-126	
1,2-Dibromoethane	1310	1330	102	10	30	76-120	
Tetrachloroethene	1310	1370	105	8	30	78-136	
Dichlorodifluoromethane	1310	1350	103	10	30	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53493.d

Lab ID: 460-52303-A-1-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	1310	1310	100	8	30	79-136	
Bromochloromethane	1310	1280	98	13	30	81-121	
trans-1,2-Dichloroethene	1310	1210	92	9	30	73-119	
Bromodichloromethane	1310	1250	95	12	30	78-118	
trans-1,3-Dichloropropene	1310	1300	99	11	30	73-118	
Trichloroethene	1310	1280	97	9	30	82-122	
Trichlorofluoromethane	1310	1240	95	15	30	60-148	
Vinyl chloride	1310	1340	102	8	30	55-154	
Xylenes, Total	3930	4090	104	7	30	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53612.d

Lab ID: 460-52432-A-18-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	743	633	85	15	30	68-138	
1,1-Dichloroethane	743	634	85	4	30	79-119	
1,2-Dichloroethane	743	639	86	5	30	81-121	
1,1,1-Trichloroethane	743	650	87	2	30	78-118	
2-Butanone	743	730	98	0	30	70-139	
Acetone	743	590	79	8	30	48-177	
Benzene	743	636	84	4	30	71-118	
2-Hexanone	743	632	85	9	30	62-123	
Bromoform	743	531	71	5	30	76-133	F
Bromomethane	743	536	72	7	30	58-164	
Carbon disulfide	743	528	71	12	30	70-120	
Carbon tetrachloride	743	639	86	6	30	64-130	
1,4-Dioxane	5580	5650	101	13	30	54-147	
Chlorobenzene	743	705	95	2	30	69-124	
Chloroethane	743	569	77	14	30	66-144	
Chloroform	743	657	88	6	30	81-122	
Chloromethane	743	654	88	3	30	52-144	
4-Methyl-2-pentanone	743	625	84	9	30	69-124	
cis-1,2-Dichloroethene	743	671	90	2	30	78-118	
cis-1,3-Dichloropropene	743	627	84	3	30	75-120	
1,2-Dichlorobenzene	743	698	94	5	30	83-123	
Cyclohexane	743	1120	119	1	30	69-128	
1,3-Dichlorobenzene	743	704	95	4	30	83-123	
1,4-Dichlorobenzene	743	710	95	4	30	84-124	
1,2,4-Trichlorobenzene	743	734	99	8	30	62-144	
Ethylbenzene	743	770	96	4	30	78-124	
1,2,3-Trichlorobenzene	743	702	94	5	30	36-207	
Freon TF	743	608	82	26	30	50-128	
1,2-Dichloropropane	743	644	87	6	30	78-118	
Isopropylbenzene	743	798	102	3	30	80-143	
Methyl acetate	743	821	110	17	30	72-165	
Methylcyclohexane	743	1490	103	1	30	80-134	
1,2-Dibromo-3-Chloropropane	743	809	109	8	30	62-127	
Methylene Chloride	743	545	73	13	30	78-118	F
1,1,2,2-Tetrachloroethane	743	638	86	7	30	86-145	
MTBE	743	650	87	6	30	65-143	
1,1,2-Trichloroethane	743	629	85	4	30	77-120	
Dibromochloromethane	743	605	81	2	30	78-118	
Styrene	743	714	96	6	30	73-126	
1,2-Dibromoethane	743	681	92	2	30	76-120	
Tetrachloroethene	743	722	97	1	30	78-136	
Dichlorodifluoromethane	743	655	88	12	30	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53612.d

Lab ID: 460-52432-A-18-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	743	656	88	3	30	79-136	
Bromochloromethane	743	640	86	9	30	81-121	
trans-1,2-Dichloroethene	743	608	82	3	30	73-119	
Bromodichloromethane	743	614	83	4	30	78-118	
trans-1,3-Dichloropropene	743	627	84	4	30	73-118	
Trichloroethene	743	658	89	4	30	82-122	
Trichlorofluoromethane	743	514	69	9	30	60-148	
Vinyl chloride	743	704	95	2	30	55-154	
Xylenes, Total	2230	2110	95	5	30	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53550.d

Lab ID: 460-52432-A-20-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	598	586	98	8	30	68-138	
1,1-Dichloroethane	598	556	93	0	30	79-119	
1,2-Dichloroethane	598	539	90	7	30	81-121	
1,1,1-Trichloroethane	598	538	90	4	30	78-118	
2-Butanone	598	606	101	14	30	70-139	
Acetone	598	387	65	30	30	48-177	
Benzene	598	609	88	4	30	71-118	
2-Hexanone	598	638	107	8	30	62-123	
Bromoform	598	432	72	6	30	76-133	F
Bromomethane	598	412	69	7	30	58-164	
Carbon disulfide	598	463	77	0	30	70-120	
Carbon tetrachloride	598	521	87	2	30	64-130	
1,4-Dioxane	4480	4930	110	1	30	54-147	
Chlorobenzene	598	576	96	6	30	69-124	
Chloroethane	598	428	72	2	30	66-144	
Chloroform	598	541	91	6	30	81-122	
Chloromethane	598	529	89	7	30	52-144	
4-Methyl-2-pentanone	598	549	92	7	30	69-124	
cis-1,2-Dichloroethene	598	556	93	0	30	78-118	
cis-1,3-Dichloropropene	598	523	88	6	30	75-120	
1,2-Dichlorobenzene	598	586	98	5	30	83-123	
Cyclohexane	598	7750	411	1	30	69-128	4
1,3-Dichlorobenzene	598	587	98	6	30	83-123	
1,4-Dichlorobenzene	598	598	100	6	30	84-124	
1,2,4-Trichlorobenzene	598	655	110	15	30	62-144	
Ethylbenzene	598	10500	54	3	30	78-124	4
1,2,3-Trichlorobenzene	598	619	104	9	30	36-207	
Freon TF	598	612	102	13	30	50-128	
1,2-Dichloropropane	598	583	98	6	30	78-118	
Isopropylbenzene	598	1370	106	2	30	80-143	
Methyl acetate	598	4300	720	2	30	72-165	F
Methylcyclohexane	598	11900	-103	0	30	80-134	4
1,2-Dibromo-3-Chloropropane	598	645	108	3	30	62-127	
Methylene Chloride	598	682	114	2	30	78-118	
1,1,2,2-Tetrachloroethane	598	617	103	5	30	86-145	
MTBE	598	548	92	8	30	65-143	
1,1,2-Trichloroethane	598	612	102	7	30	77-120	
Dibromochloromethane	598	492	82	5	30	78-118	
Styrene	598	610	102	7	30	73-126	
1,2-Dibromoethane	598	562	94	7	30	76-120	
Tetrachloroethene	598	649	109	5	30	78-136	
Dichlorodifluoromethane	598	546	91	11	30	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53550.d

Lab ID: 460-52432-A-20-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	598	625	92	5	30	79-136	
Bromochloromethane	598	540	90	5	30	81-121	
trans-1,2-Dichloroethene	598	516	86	1	30	73-119	
Bromodichloromethane	598	522	87	6	30	78-118	
trans-1,3-Dichloropropene	598	537	90	6	30	73-118	
Trichloroethene	598	580	97	6	30	82-122	
Trichlorofluoromethane	598	439	73	6	30	60-148	
Vinyl chloride	598	554	93	6	30	55-154	
Xylenes, Total	1790	3260	100	4	30	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k11023.d

Lab ID: 460-52448-A-3 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	200	139	70	1	30	56-139	
1,1-Dichloroethane	200	182	91	1	30	78-122	
1,2-Dichloroethane	200	203	102	2	30	74-118	
1,1,1-Trichloroethane	200	205	103	2	30	74-128	
2-Butanone	200	182	89	5	30	65-114	
Acetone	200	216	102	14	30	45-156	
Benzene	200	234	79	2	30	83-124	F
2-Hexanone	200	199	100	0	30	53-121	
Bromoform	200	191	95	3	30	73-123	
Bromomethane	200	222	111	4	30	55-153	
Carbon disulfide	200	130	65	3	30	58-139	
Carbon tetrachloride	200	209	104	2	30	73-120	
1,4-Dioxane	1500	1330	88	9	30	52-126	
Chlorobenzene	200	178	89	2	30	81-121	
Chloroethane	200	192	96	4	30	69-145	
Chloroform	200	198	99	3	30	82-123	
Chloromethane	200	190	95	2	30	58-146	
4-Methyl-2-pentanone	200	200	100	2	30	53-120	
cis-1,2-Dichloroethene	200	169	85	1	30	80-120	
cis-1,3-Dichloropropene	200	176	88	2	30	80-120	
1,2-Dichlorobenzene	200	188	94	0	30	82-122	
Cyclohexane	200	130	58	8	30	58-133	
1,3-Dichlorobenzene	200	183	92	1	30	81-126	
1,4-Dichlorobenzene	200	184	92	1	30	83-123	
1,2,4-Trichlorobenzene	200	186	93	3	30	66-120	
Ethylbenzene	200	282	45	2	30	79-126	F
1,2,3-Trichlorobenzene	200	180	90	6	30	76-123	
Freon TF	200	125	62	0	30	47-139	
1,2-Dichloropropane	200	175	88	1	30	80-120	
Isopropylbenzene	200	296	48	0	30	80-125	F
Methyl acetate	200	185	92	2	30	50-151	
Methylcyclohexane	200	128	58	5	30	61-129	F
1,2-Dibromo-3-Chloropropane	200	213	106	1	30	70-116	
Methylene Chloride	200	168	84	2	30	79-119	
1,1,2,2-Tetrachloroethane	200	188	94	0	30	74-126	
MTBE	200	186	93	1	30	71-115	
1,1,2-Trichloroethane	200	182	91	1	30	79-119	
Dibromochloromethane	200	193	97	3	30	80-120	
Styrene	200	164	82	1	30	69-112	
1,2-Dibromoethane	200	184	92	1	30	78-118	
Tetrachloroethene	200	175	87	5	30	68-139	
Dichlorodifluoromethane	200	192	96	5	30	46-145	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k11023.d

Lab ID: 460-52448-A-3 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	200	185	91	2	30	80-120	
Bromochloromethane	200	167	83	1	30	80-121	
trans-1,2-Dichloroethene	200	164	82	1	30	75-122	
Bromodichloromethane	200	200	100	0	30	79-119	
trans-1,3-Dichloropropene	200	188	94	1	30	78-118	
Trichloroethene	200	178	89	4	30	78-119	
Trichlorofluoromethane	200	184	92	7	30	69-147	
Vinyl chloride	200	194	97	4	30	61-144	
Xylenes, Total	600	651	69	1	30	76-121	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53639.d

Lab ID: 460-52683-B-4-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	2830	2240	79	23	30	68-138	
1,1-Dichloroethane	2830	2530	89	4	30	79-119	
1,2-Dichloroethane	2830	2500	88	1	30	81-121	
1,1,1-Trichloroethane	2830	3100	92	4	30	78-118	
2-Butanone	2830	2650	94	1	30	70-139	
Acetone	2830	2000	71	16	30	48-177	
Benzene	2830	2480	88	0	30	71-118	
2-Hexanone	2830	2570	91	1	30	62-123	
Bromoform	2830	2180	77	2	30	76-133	
Bromomethane	2830	1630	57	1	30	58-164	F
Carbon disulfide	2830	2110	74	6	30	70-120	
Carbon tetrachloride	2830	2510	89	4	30	64-130	
1,4-Dioxane	21300	19500	92	11	30	54-147	
Chlorobenzene	2830	3400	97	1	30	69-124	
Chloroethane	2830	1880	66	19	30	66-144	
Chloroform	2830	2630	93	1	30	81-122	
Chloromethane	2830	2360	83	1	30	52-144	
4-Methyl-2-pentanone	2830	2540	90	2	30	69-124	
cis-1,2-Dichloroethene	2830	3090	94	4	30	78-118	
cis-1,3-Dichloropropene	2830	2390	84	1	30	75-120	
1,2-Dichlorobenzene	2830	5080	96	2	30	83-123	
Cyclohexane	2830	2660	94	2	30	69-128	
1,3-Dichlorobenzene	2830	2890	97	1	30	83-123	
1,4-Dichlorobenzene	2830	3190	98	0	30	84-124	
1,2,4-Trichlorobenzene	2830	2850	101	1	30	62-144	
Ethylbenzene	2830	2790	98	1	30	78-124	
1,2,3-Trichlorobenzene	2830	2500	88	1	30	36-207	
Freon TF	2830	2190	77	9	30	50-128	
1,2-Dichloropropane	2830	2630	93	2	30	78-118	
Isopropylbenzene	2830	2960	105	2	30	80-143	
Methyl acetate	2830	2290	81	4	30	72-165	
Methylcyclohexane	2830	2620	93	7	30	80-134	
1,2-Dibromo-3-Chloropropane	2830	2880	101	1	30	62-127	
Methylene Chloride	2830	2530	74	5	30	78-118	F
1,1,2,2-Tetrachloroethane	2830	2550	90	1	30	86-145	
MTBE	2830	2600	92	0	30	65-143	
1,1,2-Trichloroethane	2830	4410	156	3	30	77-120	F
Dibromochloromethane	2830	2390	84	2	30	78-118	
Styrene	2830	2820	99	2	30	73-126	
1,2-Dibromoethane	2830	2640	93	2	30	76-120	
Tetrachloroethene	2830	101000	282	3	30	78-136	4
Dichlorodifluoromethane	2830	2300	81	7	30	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53639.d

Lab ID: 460-52683-B-4-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	2830	2670	91	2	30	79-136	
Bromochloromethane	2830	2570	91	1	30	81-121	
trans-1,2-Dichloroethene	2830	2310	81	0	30	73-119	
Bromodichloromethane	2830	2460	87	1	30	78-118	
trans-1,3-Dichloropropene	2830	2420	85	3	30	73-118	
Trichloroethene	2830	3550	92	3	30	82-122	
Trichlorofluoromethane	2830	1870	66	9	30	60-148	
Vinyl chloride	2830	2430	86	1	30	55-154	
Xylenes, Total	8500	8470	100	3	30	78-126	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53774.d

Lab ID: 460-52802-A-2-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	775	802	103	18	30	68-138	
1,1-Dichloroethane	775	678	88	1	30	79-119	
1,2-Dichloroethane	775	686	89	2	30	81-121	
1,1,1-Trichloroethane	775	720	93	0	30	78-118	
2-Butanone	775	717	93	1	30	70-139	
Acetone	775	581	75	8	30	48-177	
Benzene	775	650	84	1	30	71-118	
2-Hexanone	775	566	73	3	30	62-123	
Bromoform	775	602	78	0	30	76-133	
Bromomethane	775	543	70	6	30	58-164	
Carbon disulfide	775	539	70	1	30	70-120	
Carbon tetrachloride	775	699	90	2	30	64-130	
1,4-Dioxane	5810	5910	102	4	30	54-147	
Chlorobenzene	775	768	99	0	30	69-124	
Chloroethane	775	586	76	39	30	66-144	F
Chloroform	775	716	92	1	30	81-122	
Chloromethane	775	625	81	3	30	52-144	
4-Methyl-2-pentanone	775	629	81	5	30	69-124	
cis-1,2-Dichloroethene	775	724	93	0	30	78-118	
cis-1,3-Dichloropropene	775	641	83	1	30	75-120	
1,2-Dichlorobenzene	775	773	100	0	30	83-123	
Cyclohexane	775	758	98	1	30	69-128	
1,3-Dichlorobenzene	775	762	98	1	30	83-123	
1,4-Dichlorobenzene	775	778	100	1	30	84-124	
1,2,4-Trichlorobenzene	775	848	109	1	30	62-144	
Ethylbenzene	775	779	101	1	30	78-124	
1,2,3-Trichlorobenzene	775	849	110	2	30	36-207	
Freon TF	775	961	124	27	30	50-128	
1,2-Dichloropropane	775	710	92	1	30	78-118	
Isopropylbenzene	775	824	106	0	30	80-143	
Methyl acetate	775	602	78	4	30	72-165	
Methylcyclohexane	775	768	99	1	30	80-134	
1,2-Dibromo-3-Chloropropane	775	711	92	4	30	62-127	
Methylene Chloride	775	639	82	4	30	78-118	
1,1,2,2-Tetrachloroethane	775	663	86	2	30	86-145	
MTBE	775	708	91	1	30	65-143	
1,1,2-Trichloroethane	775	675	87	0	30	77-120	
Dibromochloromethane	775	653	84	2	30	78-118	
Styrene	775	784	101	1	30	73-126	
1,2-Dibromoethane	775	721	93	4	30	76-120	
Tetrachloroethene	775	781	101	3	30	78-136	
Dichlorodifluoromethane	775	652	84	5	30	41-149	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: b53774.d

Lab ID: 460-52802-A-2-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	775	683	88	1	30	79-136	
Bromochloromethane	775	729	94	2	30	81-121	
trans-1,2-Dichloroethene	775	684	88	5	30	73-119	
Bromodichloromethane	775	668	86	1	30	78-118	
trans-1,3-Dichloropropene	775	635	82	1	30	73-118	
Trichloroethene	775	726	94	1	30	82-122	
Trichlorofluoromethane	775	567	73	4	30	60-148	
Vinyl chloride	775	688	89	1	30	55-154	
Xylenes, Total	2320	2400	103	0	30	78-126	

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.: 460-52450-1

SDG No.:

Lab File ID: o71642.d Lab Sample ID: MB 460-152683/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/25/2013 18:02

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 460-152683/3	o71639.d	03/25/2013 16:37
	LCSD 460-152683/4	o71640.d	03/25/2013 17:02
PMP-15-NE-VD	460-52450-37	o71647.d	03/25/2013 20:07
PMP-15-NE-WT	460-52450-38	o71648.d	03/25/2013 20:32
PMP-28-NE-SD	460-52450-44	o71649.d	03/25/2013 20:57
PMP-28-NE-WT	460-52450-42	o71650.d	03/25/2013 21:22

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53484.d Lab Sample ID: MB 460-151692/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS2 Date Analyzed: 03/19/2013 07:07

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 460-151692/3	b53480.d	03/19/2013 05:34
	460-52303-A-1-A MS	b53492.d	03/19/2013 10:08
	460-52303-A-1-A MSD	b53493.d	03/19/2013 10:30
PMP-7-NE-WT	460-52450-21	b53500.d	03/19/2013 13:07
PMP-9-NE-WT	460-52450-28	b53502.d	03/19/2013 13:52
PMP-9-NE-SI	460-52450-29	b53503.d	03/19/2013 14:15
PMP-13-NE-WT	460-52450-31	b53504.d	03/19/2013 14:37
PMP-16-NE-WT	460-52450-35	b53505.d	03/19/2013 14:59

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53517.d Lab Sample ID: MB 460-151820/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS2 Date Analyzed: 03/19/2013 19:39

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 460-151820/3	b53512.d	03/19/2013 17:39
	LCSD 460-151820/16	b53513.d	03/19/2013 18:01
PMP-6-NE-SI	460-52450-16	b53536.d	03/20/2013 03:00

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53543.d Lab Sample ID: MB 460-151869/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS2 Date Analyzed: 03/20/2013 06:31

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 460-151869/3	b53540.d	03/20/2013 04:31
	460-52432-A-20-A MS	b53549.d	03/20/2013 08:46
	460-52432-A-20-A MSD	b53550.d	03/20/2013 09:09
PMP-7-NE-SI	460-52450-22	b53561.d	03/20/2013 13:19
PMP-10-NE-WT	460-52450-24	b53562.d	03/20/2013 13:42
PMP-5-NE-WT	460-52450-18	b53563.d	03/20/2013 14:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53603.d Lab Sample ID: MB 460-152022/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS2 Date Analyzed: 03/21/2013 06:26

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 460-152022/3	b53599.d	03/21/2013 04:53
PMP-15-NE-SD	460-52450-40	b53610.d	03/21/2013 09:03
	460-52432-A-18-A MS	b53611.d	03/21/2013 09:26
	460-52432-A-18-A MSD	b53612.d	03/21/2013 09:48

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53632.d Lab Sample ID: MB 460-152224/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS2 Date Analyzed: 03/22/2013 01:25

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 460-152224/3	b53630.d	03/22/2013 00:40
	460-52683-B-4-A MS	b53638.d	03/22/2013 03:55
	460-52683-B-4-A MSD	b53639.d	03/22/2013 04:17
PMP-5-NE-SI	460-52450-19	b53647.d	03/22/2013 07:17

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53769.d Lab Sample ID: MB 460-152550/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS2 Date Analyzed: 03/25/2013 05:43

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 460-152550/3	b53765.d	03/25/2013 04:12
	460-52802-A-2-A MS	b53773.d	03/25/2013 07:27
	460-52802-A-2-A MSD	b53774.d	03/25/2013 07:50
PMP-13-NE-SD DL	460-52450-33 DL	b53782.d	03/25/2013 10:51

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: d30793.d Lab Sample ID: MB 460-152371/10

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 03/22/2013 14:07

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 460-152371/16	d30789a.d	03/22/2013 12:36
	LCSD 460-152371/20	d30790.d	03/22/2013 12:58
PMP-21-NE-VD	460-52450-1	d30794.d	03/22/2013 14:39
PMP-21-NE-WT	460-52450-2	d30795.d	03/22/2013 15:02
PMP-21-NE-SI	460-52450-3	d30796.d	03/22/2013 15:25
PMP-23-NE-VS	460-52450-4	d30797.d	03/22/2013 15:48
PMP-4-NE-VS	460-52450-9	d30802.d	03/22/2013 17:42
PMP-4-NE-VD	460-52450-10	d30803.d	03/22/2013 18:05
PMP-22-NE-VS	460-52450-11	d30804.d	03/22/2013 18:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: d30813.d Lab Sample ID: MB 460-152393/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 03/23/2013 00:05

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 460-152393/14	d30809.d	03/22/2013 22:18
	LCSD 460-152393/4	d30810.d	03/22/2013 22:41
TRIP BLANK	460-52450-46	d30814.d	03/23/2013 00:27
PMP-14-NE VS	460-52450-5	d30816.d	03/23/2013 01:13
PMP-8-NE-VS	460-52450-6	d30817.d	03/23/2013 01:36
PMP-8-NE-WT	460-52450-8	d30819.d	03/23/2013 02:22
PMP-22-NE-VD	460-52450-12	d30820.d	03/23/2013 02:45
PMP-22-NE-WT	460-52450-13	d30821.d	03/23/2013 03:08
PMP-6-NE-VD	460-52450-14	d30822.d	03/23/2013 03:31
PMP-6-NE-WT	460-52450-15	d30823.d	03/23/2013 03:53
PMP-7-NE-VD	460-52450-20	d30827.d	03/23/2013 05:25

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: d30836.d Lab Sample ID: MB 460-152400/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 03/23/2013 08:56

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 460-152400/3	d30832.d	03/23/2013 07:13
	LCSD 460-152400/4	d30833.d	03/23/2013 07:36
PMP-8-NE-VD	460-52450-7	d30837.d	03/23/2013 09:19
PMP-5-NE-VD	460-52450-17	d30838.d	03/23/2013 09:42
PMP-10-NE-VD	460-52450-23	d30840.d	03/23/2013 10:28
PMP-10-NE-SI	460-52450-25	d30841.d	03/23/2013 10:51
PMP-10-NE-SD	460-52450-26	d30842.d	03/23/2013 11:14
PMP-9-NE-VD	460-52450-27	d30843.d	03/23/2013 11:37
PMP-13-NE-VD	460-52450-30	d30844.d	03/23/2013 12:00
PMP-13-NE-SI	460-52450-32	d30845.d	03/23/2013 12:23
PMP-13-NE-SD	460-52450-33	d30846.d	03/23/2013 12:45
PMP-16-NE-SI	460-52450-36	d30848.d	03/23/2013 13:31
PMP-15-NE-SI	460-52450-39	d30851.d	03/23/2013 14:40
PMP-28-NE-VD	460-52450-41	d30852.d	03/23/2013 15:03
PMP-28-NE-SI	460-52450-43	d30854.d	03/23/2013 15:49
PMP-16-NE-VD	460-52450-34	d30856.d	03/23/2013 16:37

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: k11006.d Lab Sample ID: MB 460-151859/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS9 Date Analyzed: 03/20/2013 10:37

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 460-151859/3	k11004.d	03/20/2013 09:41
FB_031513	460-52450-45	k11008.d	03/20/2013 11:28
	460-52448-A-3 MS	k11022.d	03/20/2013 16:58
	460-52448-A-3 MSD	k11023.d	03/20/2013 17:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: o70911.d BFB Injection Date: 03/09/2013

Instrument ID: VOAMS12 BFB Injection Time: 04:50

Analysis Batch No.: 150399

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	44.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.0	
173	Less than 2.0 % of mass 174	1.2	(1.2)1
174	50.0 - 120.00 % of mass 95	99.1	
175	5.0 - 9.0 % of mass 174	7.2	(7.3)1
176	95.0 - 101.0 % of mass 174	97.1	(98.0)1
177	5.0 - 9.0 % of mass 176	6.2	(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
	ICIS 460-150399/2	o70913.d	03/09/2013	06:12
	IC 460-150399/3	o70914.d	03/09/2013	06:50
	IC 460-150399/4	o70916.d	03/09/2013	07:39
	IC 460-150399/5	o70917.d	03/09/2013	08:04
	IC 460-150399/6	o70918.d	03/09/2013	08:29
	IC 460-150399/7	o70919.d	03/09/2013	08:54

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: o71637.d BFB Injection Date: 03/25/2013

Instrument ID: VOAMS12 BFB Injection Time: 15:49

Analysis Batch No.: 152683

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.4	
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	86.3	
175	5.0 - 9.0 % of mass 174	7.3	(8.5)1
176	95.0 - 101.0 % of mass 174	85.4	(98.9)1
177	5.0 - 9.0 % of mass 176	4.9	(5.7)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 460-152683/2	o71638.d	03/25/2013	16:12
	LCS 460-152683/3	o71639.d	03/25/2013	16:37
	LCSD 460-152683/4	o71640.d	03/25/2013	17:02
	MB 460-152683/5	o71642.d	03/25/2013	18:02
PMP-15-NE-VD	460-52450-37	o71647.d	03/25/2013	20:07
PMP-15-NE-WT	460-52450-38	o71648.d	03/25/2013	20:32
PMP-28-NE-SD	460-52450-44	o71649.d	03/25/2013	20:57
PMP-28-NE-WT	460-52450-42	o71650.d	03/25/2013	21:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53389.d BFB Injection Date: 03/16/2013

Instrument ID: VOAMS2 BFB Injection Time: 18:46

Analysis Batch No.: 151555

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.6	
75	30.0 - 60.0 % of mass 95	53.2	
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	(0.9)1
174	50.0 - 120.00 % of mass 95	68.2	
175	5.0 - 9.0 % of mass 174	5.4	(7.9)1
176	95.0 - 101.0 % of mass 174	65.9	(96.5)1
177	5.0 - 9.0 % of mass 176	4.5	(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 460-151555/2	b53391.d	03/16/2013	19:34
	IC 460-151555/3	b53394.d	03/16/2013	20:45
	IC 460-151555/4	b53396.d	03/16/2013	21:31
	IC 460-151555/5	b53397.d	03/16/2013	21:53
	IC 460-151555/6	b53398.d	03/16/2013	22:16
	IC 460-151555/7	b53399.d	03/16/2013	22:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53478.d BFB Injection Date: 03/19/2013

Instrument ID: VOAMS2 BFB Injection Time: 04:48

Analysis Batch No.: 151692

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.4	
75	30.0 - 60.0 % of mass 95	52.3	
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	0.7	(1.0)1
174	50.0 - 120.00 % of mass 95	69.7	
175	5.0 - 9.0 % of mass 174	5.1	(7.3)1
176	95.0 - 101.0 % of mass 174	68.6	(98.3)1
177	5.0 - 9.0 % of mass 176	4.8	(7.0)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 460-151692/2	b53479.d	03/19/2013	05:12
	LCS 460-151692/3	b53480.d	03/19/2013	05:34
	MB 460-151692/4	b53484.d	03/19/2013	07:07
	460-52303-A-1-A MS	b53492.d	03/19/2013	10:08
	460-52303-A-1-A MSD	b53493.d	03/19/2013	10:30
PMP-7-NE-WT	460-52450-21	b53500.d	03/19/2013	13:07
PMP-9-NE-WT	460-52450-28	b53502.d	03/19/2013	13:52
PMP-9-NE-SI	460-52450-29	b53503.d	03/19/2013	14:15
PMP-13-NE-WT	460-52450-31	b53504.d	03/19/2013	14:37
PMP-16-NE-WT	460-52450-35	b53505.d	03/19/2013	14:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53510.d BFB Injection Date: 03/19/2013

Instrument ID: VOAMS2 BFB Injection Time: 16:53

Analysis Batch No.: 151820

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.4	
75	30.0 - 60.0 % of mass 95	53.0	
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	0.9	(1.2)1
174	50.0 - 120.00 % of mass 95	71.6	
175	5.0 - 9.0 % of mass 174	5.2	(7.3)1
176	95.0 - 101.0 % of mass 174	68.3	(95.5)1
177	5.0 - 9.0 % of mass 176	4.8	(7.0)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 460-151820/2	b53511.d	03/19/2013	17:16
	LCS 460-151820/3	b53512.d	03/19/2013	17:39
	LCSD 460-151820/16	b53513.d	03/19/2013	18:01
	MB 460-151820/4	b53517.d	03/19/2013	19:39
PMP-6-NE-SI	460-52450-16	b53536.d	03/20/2013	03:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53538.d BFB Injection Date: 03/20/2013

Instrument ID: VOAMS2 BFB Injection Time: 03:46

Analysis Batch No.: 151869

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.9	
75	30.0 - 60.0 % of mass 95	51.8	
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	0.8	(1.1)1
174	50.0 - 120.00 % of mass 95	72.6	
175	5.0 - 9.0 % of mass 174	5.4	(7.4)1
176	95.0 - 101.0 % of mass 174	69.3	(95.4)1
177	5.0 - 9.0 % of mass 176	4.5	(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 460-151869/2	b53539.d	03/20/2013	04:08
	LCS 460-151869/3	b53540.d	03/20/2013	04:31
	MB 460-151869/4	b53543.d	03/20/2013	06:31
	460-52432-A-20-A MS	b53549.d	03/20/2013	08:46
	460-52432-A-20-A MSD	b53550.d	03/20/2013	09:09
PMP-7-NE-SI	460-52450-22	b53561.d	03/20/2013	13:19
PMP-10-NE-WT	460-52450-24	b53562.d	03/20/2013	13:42
PMP-5-NE-WT	460-52450-18	b53563.d	03/20/2013	14:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53597.d BFB Injection Date: 03/21/2013

Instrument ID: VOAMS2 BFB Injection Time: 03:40

Analysis Batch No.: 152022

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.0	
75	30.0 - 60.0 % of mass 95	51.2	
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	1.0	(1.4)1
174	50.0 - 120.00 % of mass 95	72.7	
175	5.0 - 9.0 % of mass 174	5.4	(7.4)1
176	95.0 - 101.0 % of mass 174	72.6	(99.8)1
177	5.0 - 9.0 % of mass 176	5.1	(7.0)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 460-152022/2	b53598.d	03/21/2013	04:27
	LCS 460-152022/3	b53599.d	03/21/2013	04:53
	MB 460-152022/4	b53603.d	03/21/2013	06:26
PMP-15-NE-SD	460-52450-40	b53610.d	03/21/2013	09:03
	460-52432-A-18-A MS	b53611.d	03/21/2013	09:26
	460-52432-A-18-A MSD	b53612.d	03/21/2013	09:48

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53627.d BFB Injection Date: 03/21/2013

Instrument ID: VOAMS2 BFB Injection Time: 22:52

Analysis Batch No.: 152224

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.8	
75	30.0 - 60.0 % of mass 95	49.8	
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	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	74.2	
175	5.0 - 9.0 % of mass 174	5.4	(7.3)1
176	95.0 - 101.0 % of mass 174	73.3	(98.8)1
177	5.0 - 9.0 % of mass 176	5.0	(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
	CCVIS 460-152224/2	b53629.d	03/22/2013	00:17
	LCS 460-152224/3	b53630.d	03/22/2013	00:40
	MB 460-152224/4	b53632.d	03/22/2013	01:25
	460-52683-B-4-A MS	b53638.d	03/22/2013	03:55
	460-52683-B-4-A MSD	b53639.d	03/22/2013	04:17
PMP-5-NE-SI	460-52450-19	b53647.d	03/22/2013	07:17

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: b53763.d BFB Injection Date: 03/25/2013

Instrument ID: VOAMS2 BFB Injection Time: 03:18

Analysis Batch No.: 152550

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.3	
75	30.0 - 60.0 % of mass 95	49.3	
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	0.7	(0.9)1
174	50.0 - 120.00 % of mass 95	77.0	
175	5.0 - 9.0 % of mass 174	5.4	(7.1)1
176	95.0 - 101.0 % of mass 174	73.7	(95.7)1
177	5.0 - 9.0 % of mass 176	5.5	(7.5)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 460-152550/2	b53764.d	03/25/2013	03:49
	LCS 460-152550/3	b53765.d	03/25/2013	04:12
	MB 460-152550/4	b53769.d	03/25/2013	05:43
	460-52802-A-2-A MS	b53773.d	03/25/2013	07:27
	460-52802-A-2-A MSD	b53774.d	03/25/2013	07:50
PMP-13-NE-SD DL	460-52450-33 DL	b53782.d	03/25/2013	10:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: d30776.d BFB Injection Date: 03/22/2013

Instrument ID: VOAMS4 BFB Injection Time: 06:47

Analysis Batch No.: 152371

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	46.3	
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	95.2	
175	5.0 - 9.0 % of mass 174	7.3	(7.7)1
176	95.0 - 101.0 % of mass 174	91.5	(96.2)1
177	5.0 - 9.0 % of mass 176	6.1	(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
	ICIS 460-152371/2	d30778.d	03/22/2013	07:58
	IC 460-152371/3	d30780.d	03/22/2013	09:08
	IC 460-152371/4	d30781.d	03/22/2013	09:31
	IC 460-152371/5	d30783.d	03/22/2013	10:17
	IC 460-152371/6	d30784.d	03/22/2013	10:40
	IC 460-152371/7	d30785.d	03/22/2013	11:03
	LCS 460-152371/16	d30789a.d	03/22/2013	12:36
	LCSD 460-152371/20	d30790.d	03/22/2013	12:58
	MB 460-152371/10	d30793.d	03/22/2013	14:07
PMP-21-NE-VD	460-52450-1	d30794.d	03/22/2013	14:39
PMP-21-NE-WT	460-52450-2	d30795.d	03/22/2013	15:02
PMP-21-NE-SI	460-52450-3	d30796.d	03/22/2013	15:25
PMP-23-NE-VS	460-52450-4	d30797.d	03/22/2013	15:48
PMP-4-NE-VS	460-52450-9	d30802.d	03/22/2013	17:42
PMP-4-NE-VD	460-52450-10	d30803.d	03/22/2013	18:05
PMP-22-NE-VS	460-52450-11	d30804.d	03/22/2013	18:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: d30806.d BFB Injection Date: 03/22/2013

Instrument ID: VOAMS4 BFB Injection Time: 19:23

Analysis Batch No.: 152393

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.0	
75	30.0 - 60.0 % of mass 95	47.5	
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	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	74.0	
175	5.0 - 9.0 % of mass 174	5.6	(7.6)1
176	95.0 - 101.0 % of mass 174	71.7	(96.9)1
177	5.0 - 9.0 % of mass 176	5.2	(7.2)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 460-152393/2	d30807.d	03/22/2013	21:32
	LCS 460-152393/14	d30809.d	03/22/2013	22:18
	LCSD 460-152393/4	d30810.d	03/22/2013	22:41
	MB 460-152393/5	d30813.d	03/23/2013	00:05
TRIP BLANK	460-52450-46	d30814.d	03/23/2013	00:27
PMP-14-NE VS	460-52450-5	d30816.d	03/23/2013	01:13
PMP-8-NE-VS	460-52450-6	d30817.d	03/23/2013	01:36
PMP-8-NE-WT	460-52450-8	d30819.d	03/23/2013	02:22
PMP-22-NE-VD	460-52450-12	d30820.d	03/23/2013	02:45
PMP-22-NE-WT	460-52450-13	d30821.d	03/23/2013	03:08
PMP-6-NE-VD	460-52450-14	d30822.d	03/23/2013	03:31
PMP-6-NE-WT	460-52450-15	d30823.d	03/23/2013	03:53
PMP-7-NE-VD	460-52450-20	d30827.d	03/23/2013	05:25

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: d30830.d BFB Injection Date: 03/23/2013

Instrument ID: VOAMS4 BFB Injection Time: 06:29

Analysis Batch No.: 152400

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	47.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	98.5	
175	5.0 - 9.0 % of mass 174	7.7	(7.8)1
176	95.0 - 101.0 % of mass 174	97.1	(98.7)1
177	5.0 - 9.0 % of mass 176	6.7	(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 460-152400/2	d30831.d	03/23/2013	06:50
	LCS 460-152400/3	d30832.d	03/23/2013	07:13
	LCSD 460-152400/4	d30833.d	03/23/2013	07:36
	MB 460-152400/5	d30836.d	03/23/2013	08:56
PMP-8-NE-VD	460-52450-7	d30837.d	03/23/2013	09:19
PMP-5-NE-VD	460-52450-17	d30838.d	03/23/2013	09:42
PMP-10-NE-VD	460-52450-23	d30840.d	03/23/2013	10:28
PMP-10-NE-SI	460-52450-25	d30841.d	03/23/2013	10:51
PMP-10-NE-SD	460-52450-26	d30842.d	03/23/2013	11:14
PMP-9-NE-VD	460-52450-27	d30843.d	03/23/2013	11:37
PMP-13-NE-VD	460-52450-30	d30844.d	03/23/2013	12:00
PMP-13-NE-SI	460-52450-32	d30845.d	03/23/2013	12:23
PMP-13-NE-SD	460-52450-33	d30846.d	03/23/2013	12:45
PMP-16-NE-SI	460-52450-36	d30848.d	03/23/2013	13:31
PMP-15-NE-SI	460-52450-39	d30851.d	03/23/2013	14:40
PMP-28-NE-VD	460-52450-41	d30852.d	03/23/2013	15:03
PMP-28-NE-SI	460-52450-43	d30854.d	03/23/2013	15:49
PMP-16-NE-VD	460-52450-34	d30856.d	03/23/2013	16:37

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: k10307.d BFB Injection Date: 03/05/2013

Instrument ID: VOAMS9 BFB Injection Time: 17:06

Analysis Batch No.: 149877

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.4	
75	30.0 - 60.0 % of mass 95	54.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.9	
173	Less than 2.0 % of mass 174	1.2	(1.9)1
174	50.0 - 120.00 % of mass 95	61.1	
175	5.0 - 9.0 % of mass 174	4.9	(8.0)1
176	95.0 - 101.0 % of mass 174	59.6	(97.6)1
177	5.0 - 9.0 % of mass 176	4.0	(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
	ICIS 460-149877/2	k10309.d	03/05/2013	17:53
	IC 460-149877/6	k10315.d	03/05/2013	23:05
	IC 460-149877/3	k10316.d	03/05/2013	23:29
	IC 460-149877/4	k10317.d	03/05/2013	23:52
	IC 460-149877/7	k10318.d	03/06/2013	00:16
	IC 460-149877/8	k10323.d	03/06/2013	02:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: k11001.d BFB Injection Date: 03/20/2013

Instrument ID: VOAMS9 BFB Injection Time: 07:43

Analysis Batch No.: 151859

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.3	
75	30.0 - 60.0 % of mass 95	58.2	
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	0.1	(0.2)1
174	50.0 - 120.00 % of mass 95	53.6	
175	5.0 - 9.0 % of mass 174	4.2	(7.8)1
176	95.0 - 101.0 % of mass 174	52.0	(97.2)1
177	5.0 - 9.0 % of mass 176	3.2	(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 460-151859/2	k11003.d	03/20/2013	09:17
	LCS 460-151859/3	k11004.d	03/20/2013	09:41
	MB 460-151859/4	k11006.d	03/20/2013	10:37
FB_031513	460-52450-45	k11008.d	03/20/2013	11:28
	460-52448-A-3 MS	k11022.d	03/20/2013	16:58
	460-52448-A-3 MSD	k11023.d	03/20/2013	17:21

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152683/2 Date Analyzed: 03/25/2013 16:12

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o71638.d Heated Purge: (Y/N) Y

Calibration ID: 20592

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		630462	3.67	470857	7.23	272952	10.90
UPPER LIMIT		1260924	4.17	941714	7.73	545904	11.40
LOWER LIMIT		315231	3.17	235429	6.73	136476	10.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-152683/3		710354	3.68	525240	7.24	294301	10.90
LCSD 460-152683/4		698869	3.68	518013	7.24	294843	10.90
MB 460-152683/5		627299	3.68	452008	7.24	254826	10.90
460-52450-37	PMP-15-NE-VD	687378	3.68	508596	7.24	292163	10.90
460-52450-38	PMP-15-NE-WT	685380	3.68	503507	7.24	290643	10.90
460-52450-44	PMP-28-NE-SD	681110	3.68	495869	7.24	282911	10.90
460-52450-42	PMP-28-NE-WT	560670	3.69	303795	7.24	175794	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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-151692/2 Date Analyzed: 03/19/2013 05:12

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): b53479.d Heated Purge: (Y/N) N

Calibration ID: 20704

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		649802	5.22	455597	8.78	214801	10.83
UPPER LIMIT		1299604	5.72	911194	9.28	429602	11.33
LOWER LIMIT		324901	4.72	227799	8.28	107401	10.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-151692/3		626272	5.23	442800	8.79	208701	10.83
MB 460-151692/4		601229	5.23	404526	8.79	177834	10.83
460-52303-A-1-A MS		609164	5.23	416738	8.79	194418	10.83
460-52303-A-1-A MSD		604741	5.23	416234	8.79	193550	10.83
460-52450-21	PMP-7-NE-WT	599272	5.23	418587	8.79	217228	10.83
460-52450-28	PMP-9-NE-WT	618130	5.23	435292	8.79	213903	10.83
460-52450-29	PMP-9-NE-SI	611624	5.23	431542	8.79	205091	10.83
460-52450-31	PMP-13-NE-WT	622569	5.23	441892	8.79	220544	10.83
460-52450-35	PMP-16-NE-WT	637110	5.23	454028	8.79	219463	10.83

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-151820/2 Date Analyzed: 03/19/2013 17:16

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): b53511.d Heated Purge: (Y/N) N

Calibration ID: 20704

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		643736	5.23	458997	8.79	215946	10.84
UPPER LIMIT		1287472	5.73	917994	9.29	431892	11.34
LOWER LIMIT		321868	4.73	229499	8.29	107973	10.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-151820/3		625103	5.23	449085	8.79	211565	10.83
LCSD 460-151820/16		619761	5.23	437085	8.79	208924	10.83
MB 460-151820/4		613883	5.23	427525	8.79	194046	10.83
460-52450-16	PMP-6-NE-SI	603732	5.22	430269	8.78	220864	10.83

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-151869/2 Date Analyzed: 03/20/2013 04:08

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): b53539.d Heated Purge: (Y/N) N

Calibration ID: 20704

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		645388	5.22	463022	8.78	218988	10.83
UPPER LIMIT		1290776	5.72	926044	9.28	437976	11.33
LOWER LIMIT		322694	4.72	231511	8.28	109494	10.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-151869/3		623276	5.23	447458	8.78	212153	10.83
MB 460-151869/4		637714	5.22	449267	8.78	203923	10.83
460-52432-A-20-A MS		634819	5.23	466824	8.78	227512	10.83
460-52432-A-20-A MSD		620665	5.22	453121	8.78	219322	10.83
460-52450-22	PMP-7-NE-SI	613208	5.22	443757	8.78	222652	10.83
460-52450-24	PMP-10-NE-WT	619357	5.22	444228	8.78	224577	10.83
460-52450-18	PMP-5-NE-WT	621990	5.23	458827	8.78	229915	10.83

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152022/2 Date Analyzed: 03/21/2013 04:27

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): b53598.d Heated Purge: (Y/N) N

Calibration ID: 20704

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		623397	5.23	460361	8.79	224876	10.83
UPPER LIMIT		1246794	5.73	920722	9.29	449752	11.33
LOWER LIMIT		311699	4.73	230181	8.29	112438	10.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-152022/3		620602	5.23	459789	8.79	222379	10.83
MB 460-152022/4		607592	5.23	442468	8.79	208616	10.83
460-52450-40	PMP-15-NE-SD	606463	5.23	456305	8.79	237157	10.83
460-52432-A-18-A MS		629023	5.23	465231	8.79	224785	10.83
460-52432-A-18-A MSD		620505	5.23	455676	8.79	220611	10.83

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152224/2 Date Analyzed: 03/22/2013 00:17

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): b53629.d Heated Purge: (Y/N) N

Calibration ID: 20704

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		631256	5.23	477184	8.79	240015	10.83
UPPER LIMIT		1262512	5.73	954368	9.29	480030	11.33
LOWER LIMIT		315628	4.73	238592	8.29	120008	10.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-152224/3		607652	5.23	456598	8.79	227124	10.83
MB 460-152224/4		590435	5.23	432377	8.79	205762	10.83
460-52683-B-4-A MS		591579	5.23	437955	8.79	212414	10.83
460-52683-B-4-A MSD		606900	5.23	452740	8.79	222274	10.83
460-52450-19	PMP-5-NE-SI	615531	5.23	460275	8.79	236160	10.83

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152550/2 Date Analyzed: 03/25/2013 03:49

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): b53764.d Heated Purge: (Y/N) N

Calibration ID: 20704

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		646609	5.24	517350	8.79	272835	10.84
UPPER LIMIT		1293218	5.74	1034700	9.29	545670	11.34
LOWER LIMIT		323305	4.74	258675	8.29	136418	10.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-152550/3		606030	5.24	479807	8.79	247115	10.84
MB 460-152550/4		577091	5.24	450484	8.79	225161	10.84
460-52802-A-2-A MS		596507	5.24	466951	8.79	239696	10.84
460-52802-A-2-A MSD		600233	5.24	470751	8.79	241637	10.84
460-52450-33 DL	PMP-13-NE-SD DL	572869	5.24	447729	8.80	226421	10.84

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.: 460-52450-1

SDG No.:

Sample No.: ICIS 460-152371/2 Date Analyzed: 03/22/2013 07:58

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d30778.d Heated Purge: (Y/N) Y

Calibration ID: 20818

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		427745	4.55	263823	7.89	149864	9.81
UPPER LIMIT		855490	5.05	527646	8.39	299728	10.31
LOWER LIMIT		213873	4.05	131912	7.39	74932	9.31
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-152371/16		519879	4.55	322546	7.89	175691	9.82
LCSD 460-152371/20		423647	4.55	263137	7.89	148990	9.82
MB 460-152371/10		362292	4.55	226247	7.89	121636	9.82
460-52450-1	PMP-21-NE-VD	430565	4.55	283063	7.89	156313	9.82
460-52450-2	PMP-21-NE-WT	441819	4.55	284506	7.89	157261	9.82
460-52450-3	PMP-21-NE-SI	409217	4.55	262557	7.89	146626	9.82
460-52450-4	PMP-23-NE-VS	399753	4.55	233737	7.89	99382	9.82
460-52450-9	PMP-4-NE-VS	393834	4.55	255101	7.89	131082	9.82
460-52450-10	PMP-4-NE-VD	413680	4.55	248219	7.89	111597	9.82
460-52450-11	PMP-22-NE-VS	391867	4.55	246136	7.89	118465	9.82

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152393/2 Date Analyzed: 03/22/2013 21:32

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d30807.d Heated Purge: (Y/N) Y

Calibration ID: 20818

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		391999	4.55	249775	7.89	147030	9.82
UPPER LIMIT		783998	5.05	499550	8.39	294060	10.32
LOWER LIMIT		196000	4.05	124888	7.39	73515	9.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-152393/14		476151	4.55	306935	7.89	177912	9.82
LCSD 460-152393/4		459631	4.55	297019	7.89	172408	9.82
MB 460-152393/5		365017	4.55	235742	7.89	130014	9.82
460-52450-46	TRIP BLANK	411860	4.55	268225	7.89	151668	9.82
460-52450-5	PMP-14-NE VS	517714	4.55	295896	7.89	109952	9.82
460-52450-6	PMP-8-NE-VS	537915	4.55	337751	7.89	126835	9.82
460-52450-8	PMP-8-NE-WT	586444	4.55	257139	7.89	194474	9.82
460-52450-12	PMP-22-NE-VD	514411	4.55	291224	7.89	141828	9.82
460-52450-13	PMP-22-NE-WT	313693	4.55	203310	7.89	114846	9.82
460-52450-14	PMP-6-NE-VD	347227	4.55	228441	7.89	124082	9.82
460-52450-15	PMP-6-NE-WT	333093	4.55	216997	7.89	122130	9.82
460-52450-20	PMP-7-NE-VD	418395	4.55	219217	7.89	70385*	9.82

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152400/2 Date Analyzed: 03/23/2013 06:50

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d30831.d Heated Purge: (Y/N) Y

Calibration ID: 20818

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		456737	4.55	294280	7.89	159079	9.82
UPPER LIMIT		913474	5.05	588560	8.39	318158	10.32
LOWER LIMIT		228369	4.05	147140	7.39	79540	9.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-152400/3		421955	4.54	259692	7.89	146013	9.81
LCSD 460-152400/4		469270	4.55	298979	7.89	164123	9.81
MB 460-152400/5		380074	4.54	237689	7.89	133878	9.82
460-52450-7	PMP-8-NE-VD	424587	4.55	276513	7.89	150755	9.82
460-52450-17	PMP-5-NE-VD	406836	4.55	263501	7.89	141190	9.82
460-52450-23	PMP-10-NE-VD	479826	4.55	296613	7.89	129027	9.82
460-52450-25	PMP-10-NE-SI	406373	4.55	263002	7.89	148918	9.82
460-52450-26	PMP-10-NE-SD	429139	4.55	278350	7.89	157995	9.82
460-52450-27	PMP-9-NE-VD	419838	4.55	266737	7.89	151909	9.82
460-52450-30	PMP-13-NE-VD	421776	4.55	278404	7.89	159971	9.82
460-52450-32	PMP-13-NE-SI	420410	4.55	288742	7.89	164734	9.82
460-52450-33	PMP-13-NE-SD	566085	4.71	217507	7.89	80277	9.82
460-52450-36	PMP-16-NE-SI	544754	4.55	333913	7.89	188723	9.82
460-52450-39	PMP-15-NE-SI	525735	4.55	341388	7.89	193023	9.82
460-52450-41	PMP-28-NE-VD	509146	4.55	324334	7.89	186093	9.82
460-52450-43	PMP-28-NE-SI	491566	4.55	331628	7.89	180100	9.82
460-52450-34	PMP-16-NE-VD	493398	4.55	317876	7.89	165286	9.82

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-151859/2 Date Analyzed: 03/20/2013 09:17

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): k11003.d Heated Purge: (Y/N) N

Calibration ID: 20557

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		399085	5.40	245414	8.87	123275	10.98
UPPER LIMIT		798170	5.90	490828	9.37	246550	11.48
LOWER LIMIT		199543	4.90	122707	8.37	61638	10.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-151859/3		404085	5.40	253872	8.87	126350	10.98
MB 460-151859/4		365264	5.41	232212	8.88	107939	10.98
460-52450-45	FB_031513	342008	5.41	217458	8.88	100018	10.98
460-52448-A-3 MS		387123	5.41	240989	8.87	119997	10.98
460-52448-A-3 MSD		389330	5.41	241672	8.87	120209	10.98

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.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD | Lab Sample ID: 460-52450-1

Matrix: Solid | Lab File ID: d30794.d

Analysis Method: 8260B | Date Collected: 03/14/2013 09:20

Sample wt/vol: 3.8(g) | Date Analyzed: 03/22/2013 14:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.4 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.18	U	1.4	0.18
79-34-5	1,1,2,2-Tetrachloroethane	0.12	U	1.4	0.12
79-00-5	1,1,2-Trichloroethane	0.19	U	1.4	0.19
75-34-3	1,1-Dichloroethane	0.15	U	1.4	0.15
75-35-4	1,1-Dichloroethene	0.26	U	1.4	0.26
87-61-6	1,2,3-Trichlorobenzene	0.22	U	1.4	0.22
120-82-1	1,2,4-Trichlorobenzene	0.26	U	1.4	0.26
96-12-8	1,2-Dibromo-3-Chloropropane	0.61	U	1.4	0.61
106-93-4	1,2-Dibromoethane	0.21	U	1.4	0.21
95-50-1	1,2-Dichlorobenzene	0.14	U	1.4	0.14
107-06-2	1,2-Dichloroethane	0.25	U	1.4	0.25
78-87-5	1,2-Dichloropropane	0.21	U	1.4	0.21
541-73-1	1,3-Dichlorobenzene	0.22	U	1.4	0.22
106-46-7	1,4-Dichlorobenzene	0.15	U	1.4	0.15
123-91-1	1,4-Dioxane	17	U	69	17
78-93-3	2-Butanone	0.87	U	14	0.87
591-78-6	2-Hexanone	0.18	U *	14	0.18
108-10-1	4-Methyl-2-pentanone	0.28	U	14	0.28
67-64-1	Acetone	2.3	U	14	2.3
71-43-2	Benzene	0.21	U	1.4	0.21
74-97-5	Bromochloromethane	0.15	U	1.4	0.15
75-27-4	Bromodichloromethane	0.44	U	1.4	0.44
75-25-2	Bromoform	0.23	U	1.4	0.23
74-83-9	Bromomethane	0.59	U	1.4	0.59
75-15-0	Carbon disulfide	0.21	U	1.4	0.21
56-23-5	Carbon tetrachloride	0.21	U	1.4	0.21
108-90-7	Chlorobenzene	0.25	U	1.4	0.25
75-00-3	Chloroethane	0.45	U	1.4	0.45
67-66-3	Chloroform	0.33	U	1.4	0.33
74-87-3	Chloromethane	0.22	U	1.4	0.22
156-59-2	cis-1,2-Dichloroethene	0.15	U	1.4	0.15
10061-01-5	cis-1,3-Dichloropropene	0.19	U	1.4	0.19
110-82-7	Cyclohexane	0.18	U	1.4	0.18
124-48-1	Dibromochloromethane	0.14	U	1.4	0.14
75-71-8	Dichlorodifluoromethane	0.30	U	1.4	0.30
100-41-4	Ethylbenzene	0.23	U	1.4	0.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD | Lab Sample ID: 460-52450-1

Matrix: Solid | Lab File ID: d30794.d

Analysis Method: 8260B | Date Collected: 03/14/2013 09:20

Sample wt/vol: 3.8(g) | Date Analyzed: 03/22/2013 14:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.4 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.15	U	1.4	0.15
98-82-8	Isopropylbenzene	0.15	U	1.4	0.15
79-20-9	Methyl acetate	0.44	U	1.4	0.44
108-87-2	Methylcyclohexane	0.14	U	1.4	0.14
75-09-2	Methylene Chloride	0.69	J B	1.4	0.21
1634-04-4	MTBE	0.15	U	1.4	0.15
100-42-5	Styrene	0.39	U	1.4	0.39
127-18-4	Tetrachloroethene	0.17	U	1.4	0.17
108-88-3	Toluene	0.19	U	1.4	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.4	0.18
10061-02-6	trans-1,3-Dichloropropene	0.14	U	1.4	0.14
79-01-6	Trichloroethene	0.17	U	1.4	0.17
75-69-4	Trichlorofluoromethane	0.22	U	1.4	0.22
75-01-4	Vinyl chloride	0.47	U	1.4	0.47
1330-20-7	Xylenes, Total	0.92	U	4.1	0.92

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD Lab Sample ID: 460-52450-1

Matrix: Solid Lab File ID: d30794.d

Analysis Method: 8260B Date Collected: 03/14/2013 09:20

Sample wt/vol: 3.8(g) Date Analyzed: 03/22/2013 14:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.4 Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30794.d
Report Date: 22-Mar-2013 16:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30794.d
Lab Smp Id: 460-52450-D-1-A Client Smp ID: PMP-21-NE-VD
Inj Date : 22-MAR-2013 14:39
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-1-A;;;3.80;5
Misc Info : 460-52450-D-1-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 11:37 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 10:17 Cal File: d30783.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	3.80000	Weight of sample extracted (g)
M	4.40367	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	2.457	2.469	(0.541)	2180	0.49952	0.69(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.943)	89978	50.2736	69
* 69 Fluorobenzene	96	4.545	4.545	(1.000)	430565	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.222	6.222	(0.788)	346717	47.8603	66
* 32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	283063	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	149597	46.2753	64
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	156313	50.0000	

QC Flag Legend

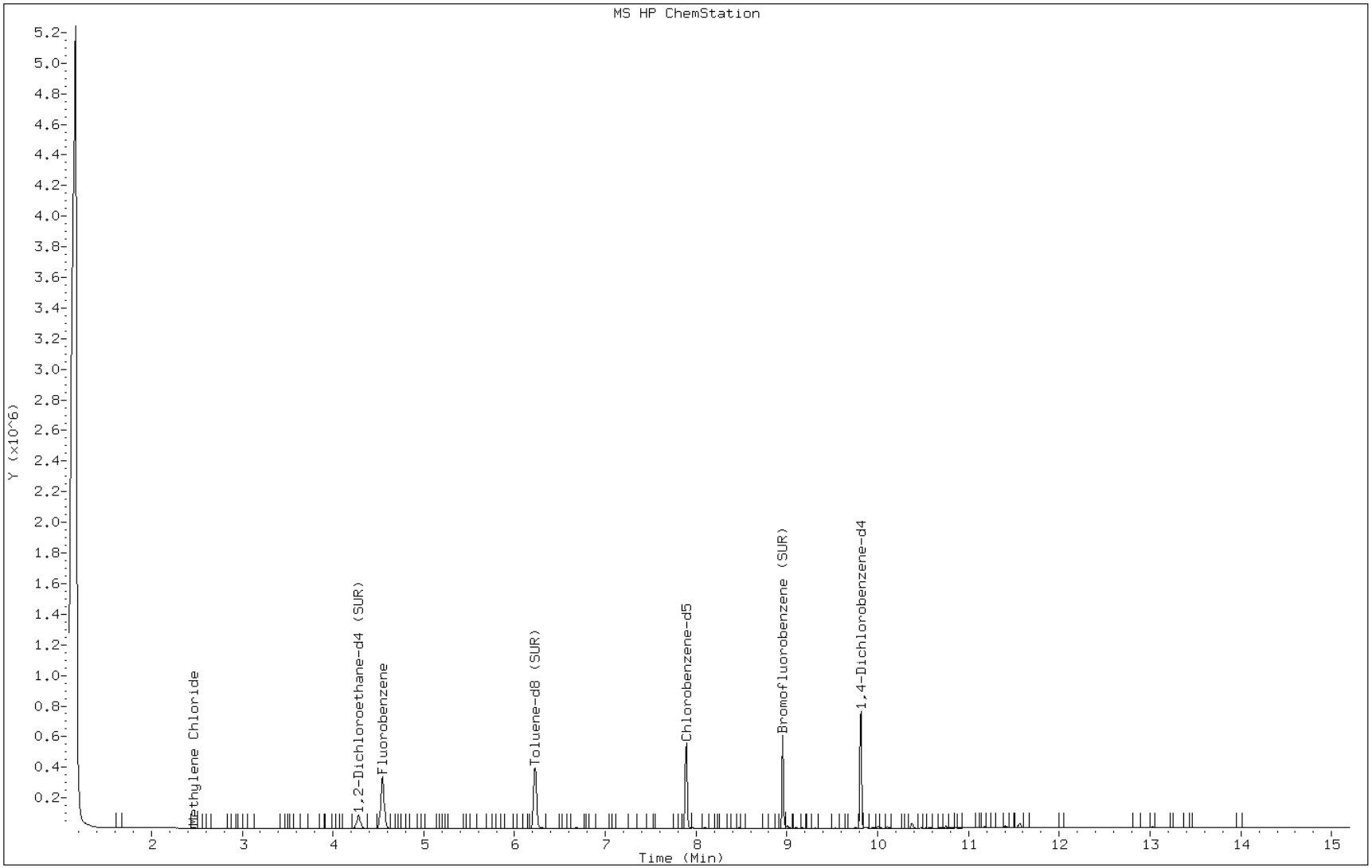
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30794.d

Date: 22-MAR-2013 14:39

Client ID: PMP-21-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-1-A;;;3.80;5 Operator: VOAMS 9



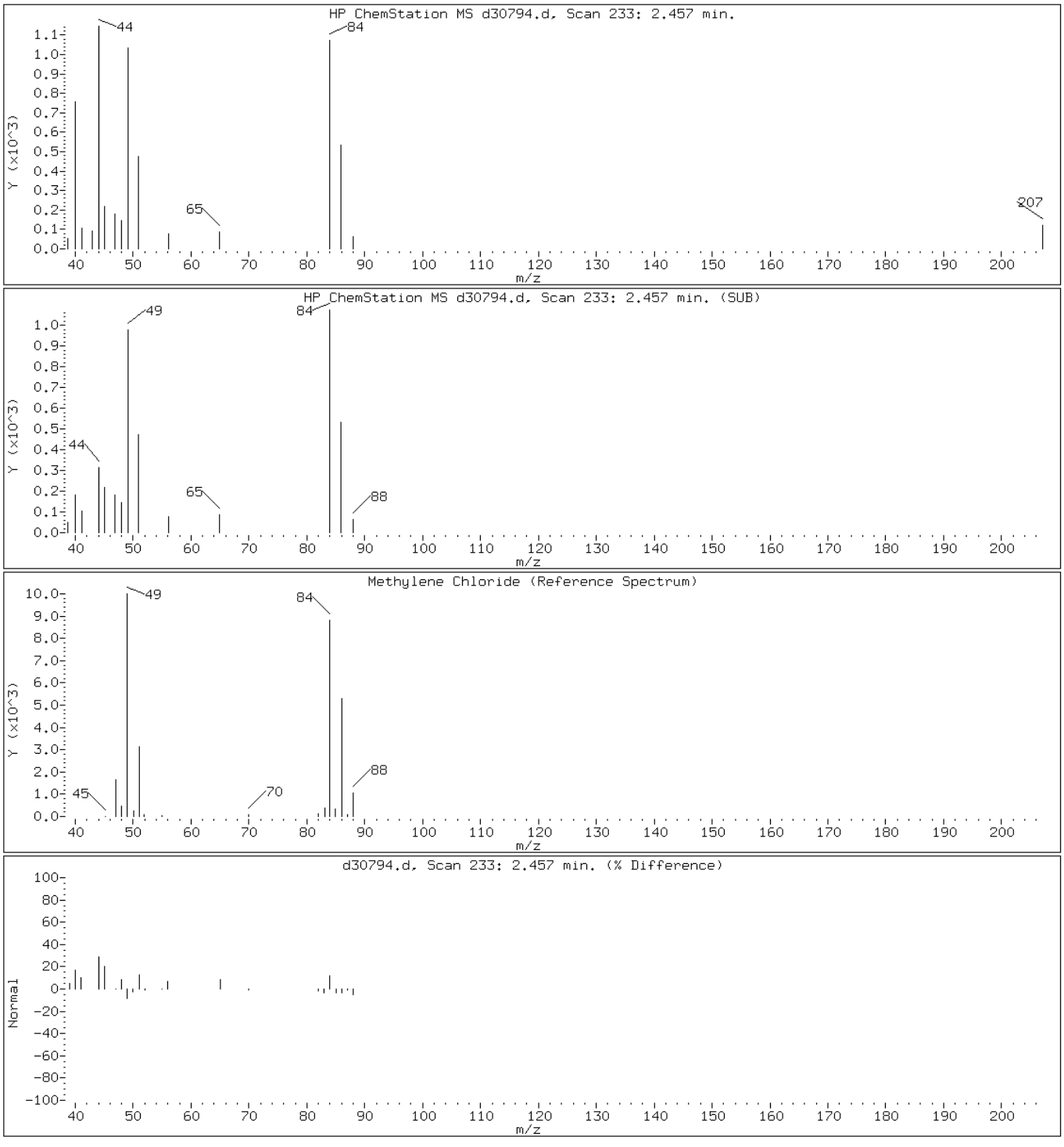
Data File: d30794.d

Date: 22-MAR-2013 14:39

Client ID: PMP-21-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-1-A;;;3.80;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT | Lab Sample ID: 460-52450-2

Matrix: Solid | Lab File ID: d30795.d

Analysis Method: 8260B | Date Collected: 03/14/2013 09:25

Sample wt/vol: 5.11(g) | Date Analyzed: 03/22/2013 15:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.099	U	1.1	0.099
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.48	U	1.1	0.48
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	14	U	55	14
78-93-3	2-Butanone	0.69	U	11	0.69
591-78-6	2-Hexanone	0.14	U *	11	0.14
108-10-1	4-Methyl-2-pentanone	0.22	U	11	0.22
67-64-1	Acetone	1.9	U	11	1.9
71-43-2	Benzene	0.17	U	1.1	0.17
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35
75-25-2	Bromoform	0.19	U	1.1	0.19
74-83-9	Bromomethane	0.47	U	1.1	0.47
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
75-00-3	Chloroethane	0.36	U	1.1	0.36
67-66-3	Chloroform	0.26	U	1.1	0.26
74-87-3	Chloromethane	0.18	U	1.1	0.18
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
100-41-4	Ethylbenzene	0.19	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT | Lab Sample ID: 460-52450-2

Matrix: Solid | Lab File ID: d30795.d

Analysis Method: 8260B | Date Collected: 03/14/2013 09:25

Sample wt/vol: 5.11(g) | Date Analyzed: 03/22/2013 15:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	1.1	0.35
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	0.85	J B	1.1	0.17
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.31	U	1.1	0.31
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-01-4	Vinyl chloride	0.37	U	1.1	0.37
1330-20-7	Xylenes, Total	0.74	U	3.3	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT Lab Sample ID: 460-52450-2

Matrix: Solid Lab File ID: d30795.d

Analysis Method: 8260B Date Collected: 03/14/2013 09:25

Sample wt/vol: 5.11(g) Date Analyzed: 03/22/2013 15:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30795.d
Report Date: 22-Mar-2013 16:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30795.d
Lab Smp Id: 460-52450-D-2-A Client Smp ID: PMP-21-NE-WT
Inj Date : 22-MAR-2013 15:02
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-2-A;;;5.11;5
Misc Info : 460-52450-D-2-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 11:37 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 10:17 Cal File: d30783.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	5.11000	Weight of sample extracted (g)
M	11.15312	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	2.469	2.469	(0.543)	3460	0.77262	0.85(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.943)	86640	47.1755	52
* 69 Fluorobenzene	96	4.546	4.545	(1.000)	441819	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.228	6.222	(0.789)	328326	45.0918	50
* 32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	284506	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	148137	45.5474	50
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	157261	50.0000	

QC Flag Legend

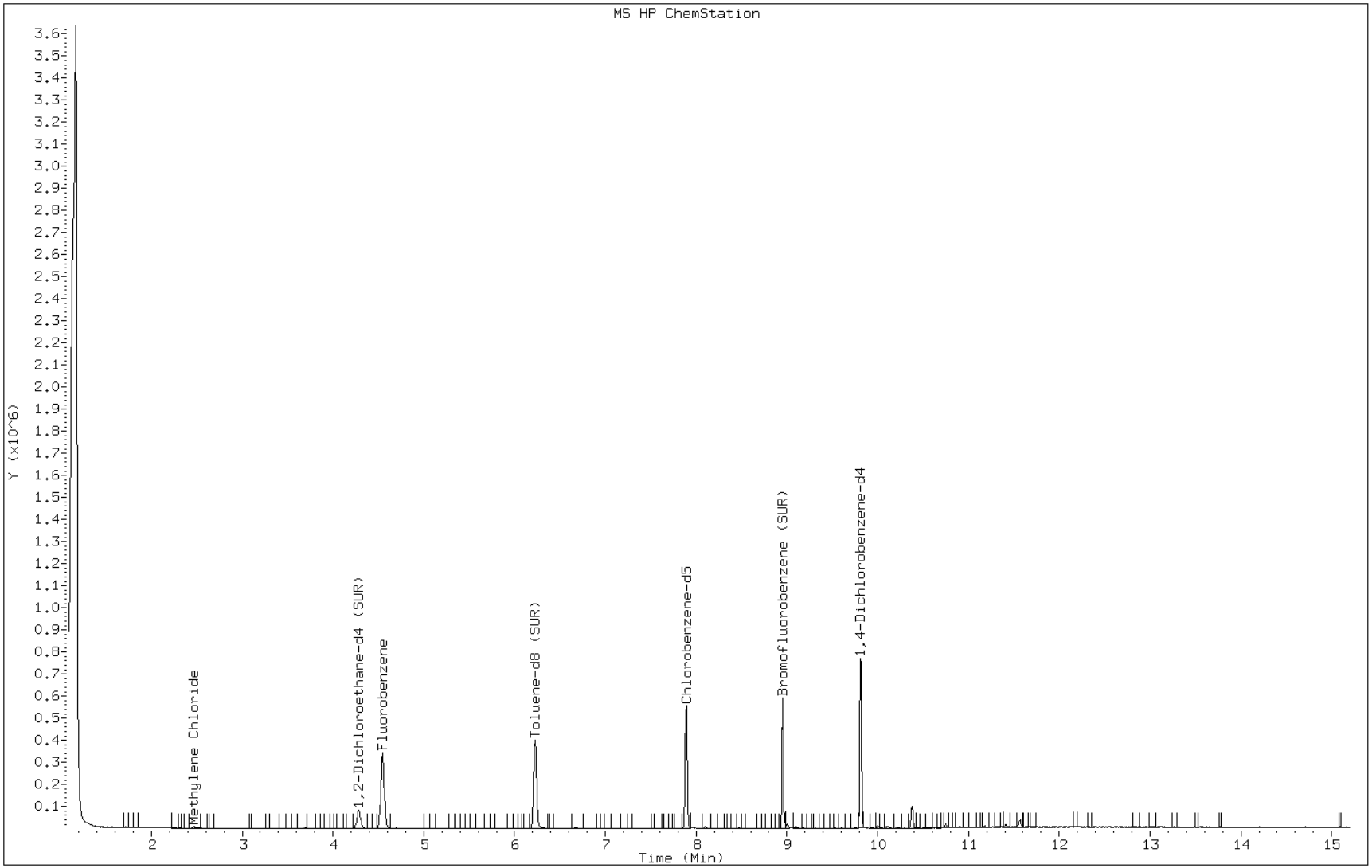
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30795.d

Date: 22-MAR-2013 15:02

Client ID: PMP-21-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-2-A;;;5.11;5 Operator: VOAMS 9



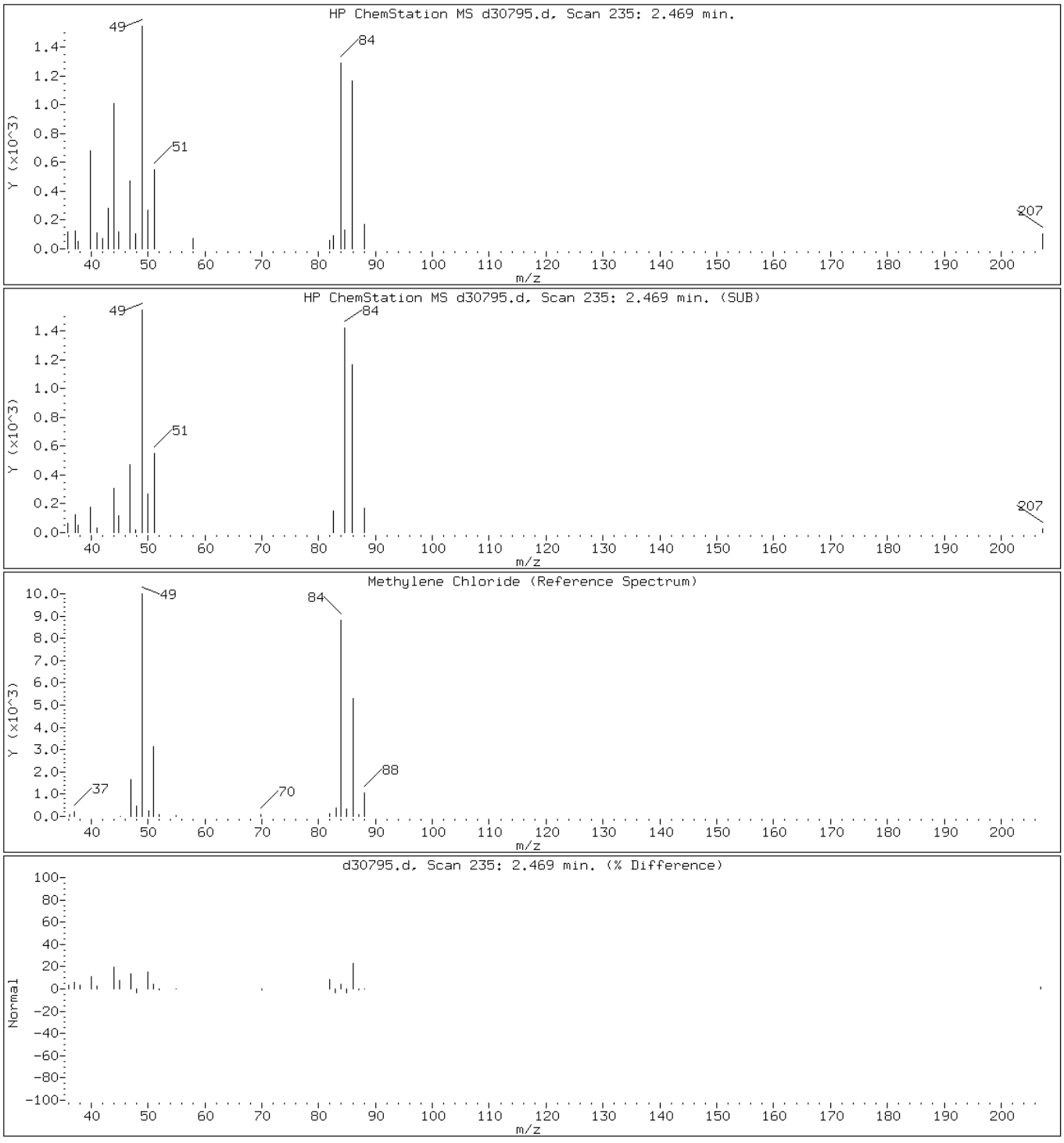
Data File: d30795.d

Date: 22-MAR-2013 15:02

Client ID: PMP-21-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-2-A;;;5.11;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI | Lab Sample ID: 460-52450-3

Matrix: Solid | Lab File ID: d30796.d

Analysis Method: 8260B | Date Collected: 03/14/2013 09:30

Sample wt/vol: 4.9(g) | Date Analyzed: 03/22/2013 15:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.1	0.16
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	1.1	0.50
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	14	U	56	14
78-93-3	2-Butanone	0.71	U	11	0.71
591-78-6	2-Hexanone	0.15	U *	11	0.15
108-10-1	4-Methyl-2-pentanone	0.23	U	11	0.23
67-64-1	Acetone	1.9	U	11	1.9
71-43-2	Benzene	0.17	U	1.1	0.17
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36
75-25-2	Bromoform	0.19	U	1.1	0.19
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
75-00-3	Chloroethane	0.37	U	1.1	0.37
67-66-3	Chloroform	0.27	U	1.1	0.27
74-87-3	Chloromethane	0.18	U	1.1	0.18
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
110-82-7	Cyclohexane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
100-41-4	Ethylbenzene	0.19	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI | Lab Sample ID: 460-52450-3

Matrix: Solid | Lab File ID: d30796.d

Analysis Method: 8260B | Date Collected: 03/14/2013 09:30

Sample wt/vol: 4.9(g) | Date Analyzed: 03/22/2013 15:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	0.88	J B	1.1	0.17
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.32	U	1.1	0.32
127-18-4	Tetrachloroethene	0.14	U	1.1	0.14
108-88-3	Toluene	0.16	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.14	U	1.1	0.14
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
1330-20-7	Xylenes, Total	0.76	U	3.4	0.76

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI Lab Sample ID: 460-52450-3

Matrix: Solid Lab File ID: d30796.d

Analysis Method: 8260B Date Collected: 03/14/2013 09:30

Sample wt/vol: 4.9(g) Date Analyzed: 03/22/2013 15:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.5 Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30796.d
Report Date: 22-Mar-2013 16:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30796.d
Lab Smp Id: 460-52450-D-3-A Client Smp ID: PMP-21-NE-SI
Inj Date : 22-MAR-2013 15:25
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-3-A;;;4.90;5
Misc Info : 460-52450-D-3-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 11:37 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 10:17 Cal File: d30783.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	4.90000	Weight of sample extracted (g)
M	9.51526	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	2.469	2.469	(0.542)	3246	0.78258	0.88(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.941)	84143	49.4660	56
* 69 Fluorobenzene	96	4.551	4.545	(1.000)	409217	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.228	6.222	(0.789)	320017	47.6248	54
* 32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	262557	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	142678	47.0508	53
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	146626	50.0000	

QC Flag Legend

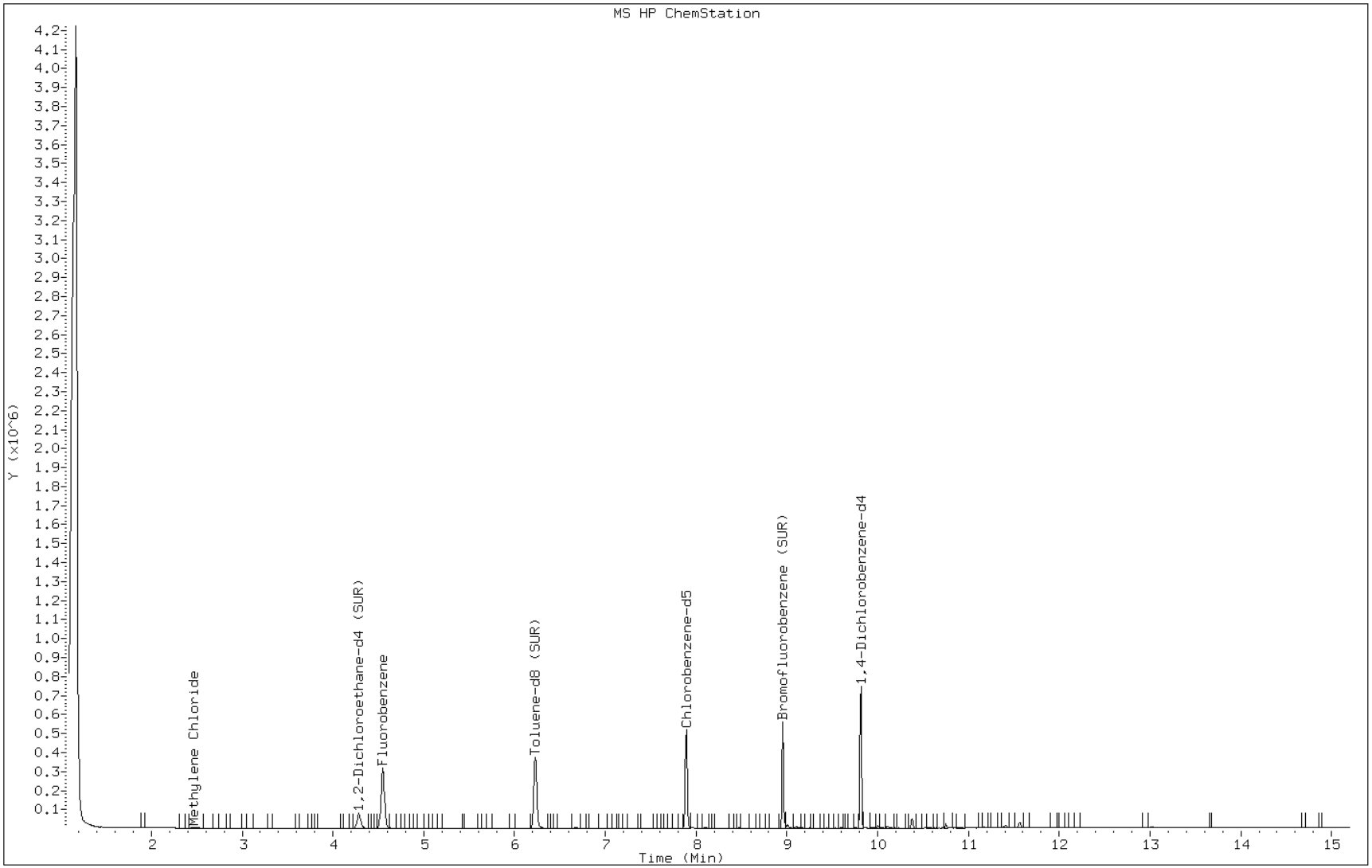
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30796.d

Date: 22-MAR-2013 15:25

Client ID: PMP-21-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-3-A;;;4.90;5 Operator: VOAMS 9



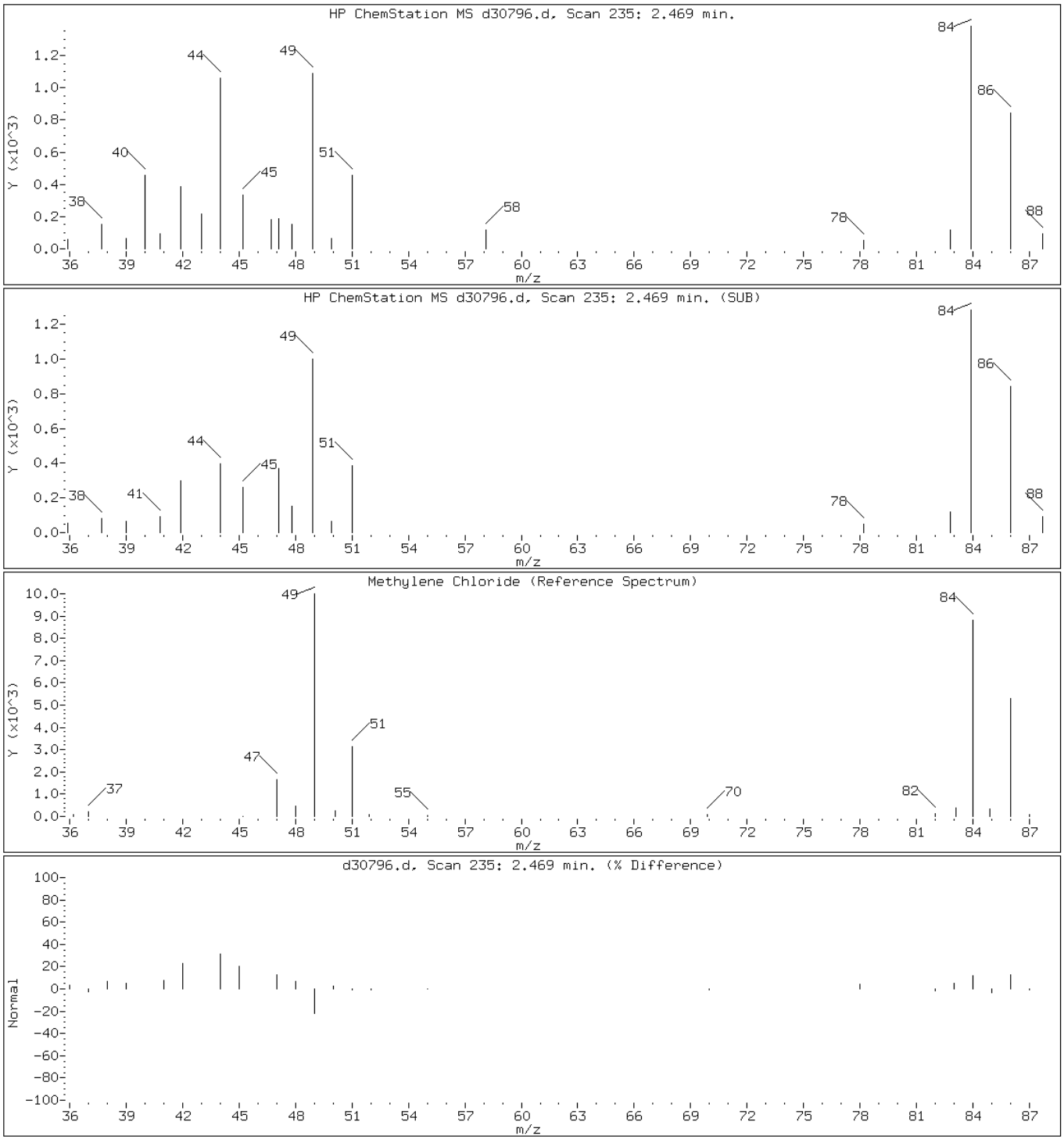
Data File: d30796.d

Date: 22-MAR-2013 15:25

Client ID: PMP-21-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-3-A;;;4.90;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS | Lab Sample ID: 460-52450-4

Matrix: Solid | Lab File ID: d30797.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:15

Sample wt/vol: 5.44(g) | Date Analyzed: 03/22/2013 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	0.98	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.088	U	0.98	0.088
79-00-5	1,1,2-Trichloroethane	0.14	U	0.98	0.14
75-34-3	1,1-Dichloroethane	0.11	U	0.98	0.11
75-35-4	1,1-Dichloroethene	0.19	U	0.98	0.19
87-61-6	1,2,3-Trichlorobenzene	0.60	J	0.98	0.16
120-82-1	1,2,4-Trichlorobenzene	0.63	J	0.98	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.98	0.43
106-93-4	1,2-Dibromoethane	0.15	U	0.98	0.15
95-50-1	1,2-Dichlorobenzene	0.098	U	0.98	0.098
107-06-2	1,2-Dichloroethane	0.18	U	0.98	0.18
78-87-5	1,2-Dichloropropane	0.15	U	0.98	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	0.98	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	0.98	0.11
123-91-1	1,4-Dioxane	12	U	49	12
78-93-3	2-Butanone	0.62	U	9.8	0.62
591-78-6	2-Hexanone	0.13	U *	9.8	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	9.8	0.20
67-64-1	Acetone	9.3	J B	9.8	1.7
71-43-2	Benzene	0.15	U	0.98	0.15
74-97-5	Bromochloromethane	0.11	U	0.98	0.11
75-27-4	Bromodichloromethane	0.31	U	0.98	0.31
75-25-2	Bromoform	0.17	U	0.98	0.17
74-83-9	Bromomethane	0.42	U	0.98	0.42
75-15-0	Carbon disulfide	0.15	U	0.98	0.15
56-23-5	Carbon tetrachloride	0.15	U	0.98	0.15
108-90-7	Chlorobenzene	0.18	U	0.98	0.18
75-00-3	Chloroethane	0.32	U	0.98	0.32
67-66-3	Chloroform	4.1		0.98	0.23
74-87-3	Chloromethane	0.16	U	0.98	0.16
156-59-2	cis-1,2-Dichloroethene	0.16	J	0.98	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.98	0.14
110-82-7	Cyclohexane	0.13	U	0.98	0.13
124-48-1	Dibromochloromethane	0.098	U	0.98	0.098
75-71-8	Dichlorodifluoromethane	0.21	U	0.98	0.21
100-41-4	Ethylbenzene	0.17	U	0.98	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS | Lab Sample ID: 460-52450-4

Matrix: Solid | Lab File ID: d30797.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:15

Sample wt/vol: 5.44(g) | Date Analyzed: 03/22/2013 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	0.98	0.11
98-82-8	Isopropylbenzene	0.11	U	0.98	0.11
79-20-9	Methyl acetate	0.31	U	0.98	0.31
108-87-2	Methylcyclohexane	0.098	U	0.98	0.098
75-09-2	Methylene Chloride	5.4	B	0.98	0.15
1634-04-4	MTBE	0.11	U	0.98	0.11
100-42-5	Styrene	0.27	U	0.98	0.27
127-18-4	Tetrachloroethene	0.34	J	0.98	0.12
108-88-3	Toluene	0.14	U	0.98	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.98	0.13
10061-02-6	trans-1,3-Dichloropropene	0.098	U	0.98	0.098
79-01-6	Trichloroethene	0.92	J	0.98	0.12
75-69-4	Trichlorofluoromethane	0.16	U	0.98	0.16
75-01-4	Vinyl chloride	0.33	U	0.98	0.33
1330-20-7	Xylenes, Total	0.65	U	2.9	0.65

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	112		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS Lab Sample ID: 460-52450-4

Matrix: Solid Lab File ID: d30797.d

Analysis Method: 8260B Date Collected: 03/14/2013 10:15

Sample wt/vol: 5.44(g) Date Analyzed: 03/22/2013 15:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30797.d
Report Date: 22-Mar-2013 20:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30797.d
Lab Smp Id: 460-52450-D-4-A Client Smp ID: PMP-23-NE-VS
Inj Date : 22-MAR-2013 15:48
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-4-A;;;5.44;5
Misc Info : 460-52450-D-4-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 17:59 vibha Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.44000	Weight of sample extracted (g)
M	5.87219	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.463	2.469	(0.541)	17003	5.53319	5.4
	7 Acetone	43	2.516	2.516	(0.553)	9606	9.49698	9.3(a)
	13 cis-1,2-Dichloroethene	96	3.457	3.446	(0.760)	671	0.16821	0.16(a)
	15 Chloroform	83	3.681	3.681	(0.809)	25487	4.16055	4.1
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	87042	52.3817	51
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	399753	50.0000	
	25 Trichloroethene	95	4.710	4.704	(1.035)	3555	0.93927	0.92(a)
$	37 Toluene-d8 (SUR)	98	6.228	6.222	(0.789)	314845	52.6324	51
	35 Tetrachloroethene	166	6.728	6.728	(0.852)	1579	0.35047	0.34(a)
*	32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	233737	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	114834	55.8707	54
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	99382	50.0000	
	93 1,2,4-Trichlorobenzene	180	11.180	11.174	(1.139)	2855	0.64029	0.62(aH)
	98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	2388	0.61052	0.60(aH)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30797.d
Report Date: 22-Mar-2013 20:11

QC Flag Legend

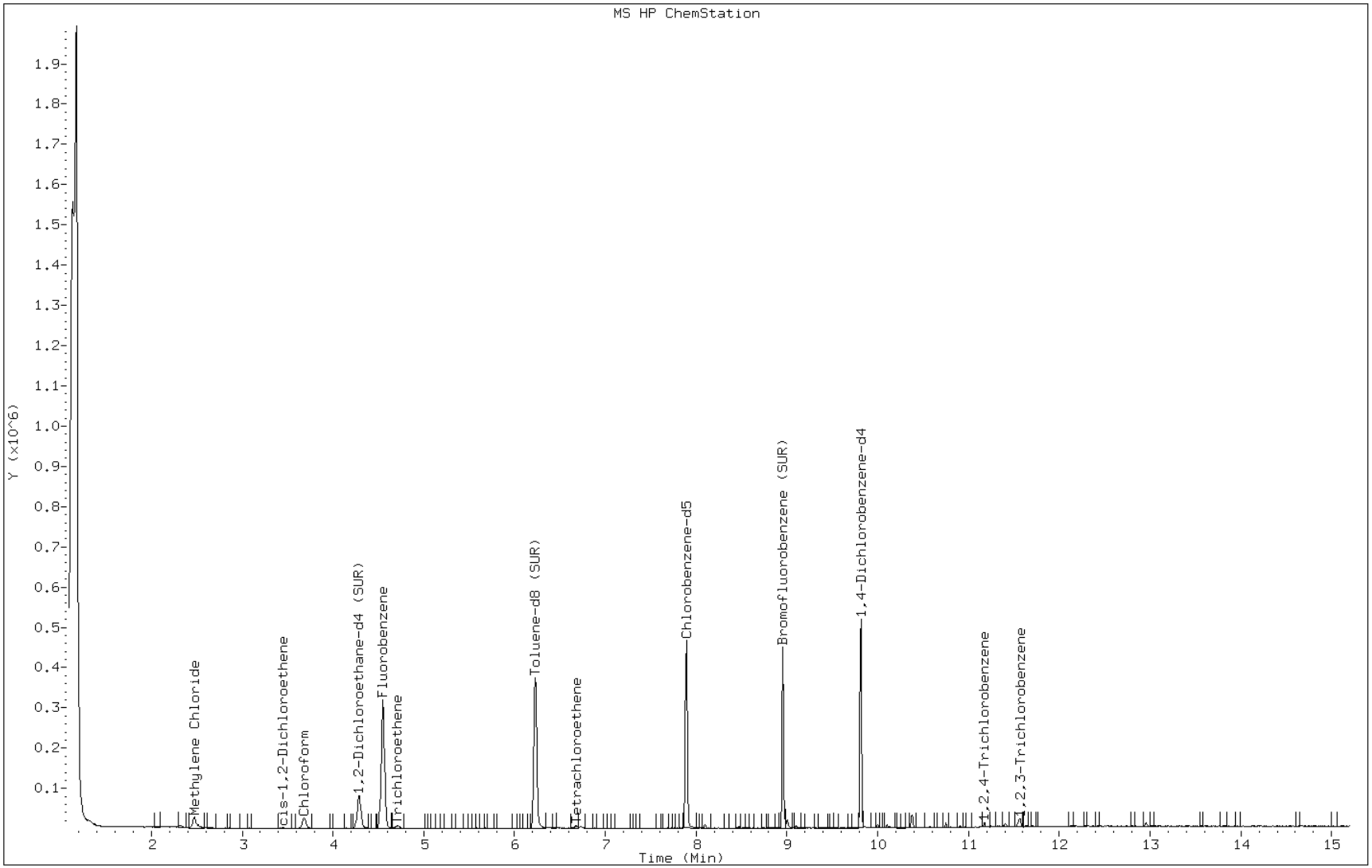
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9



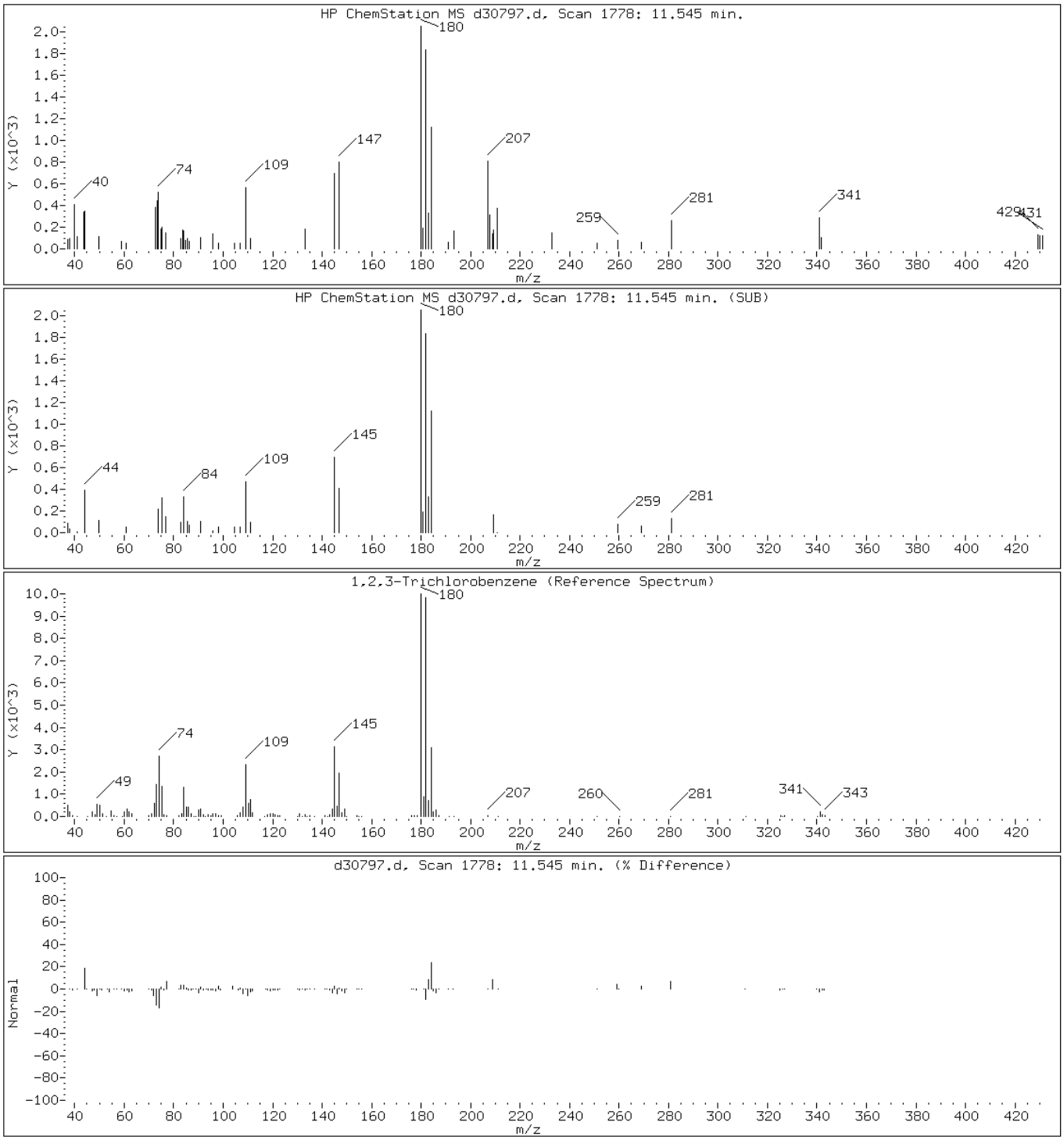
Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



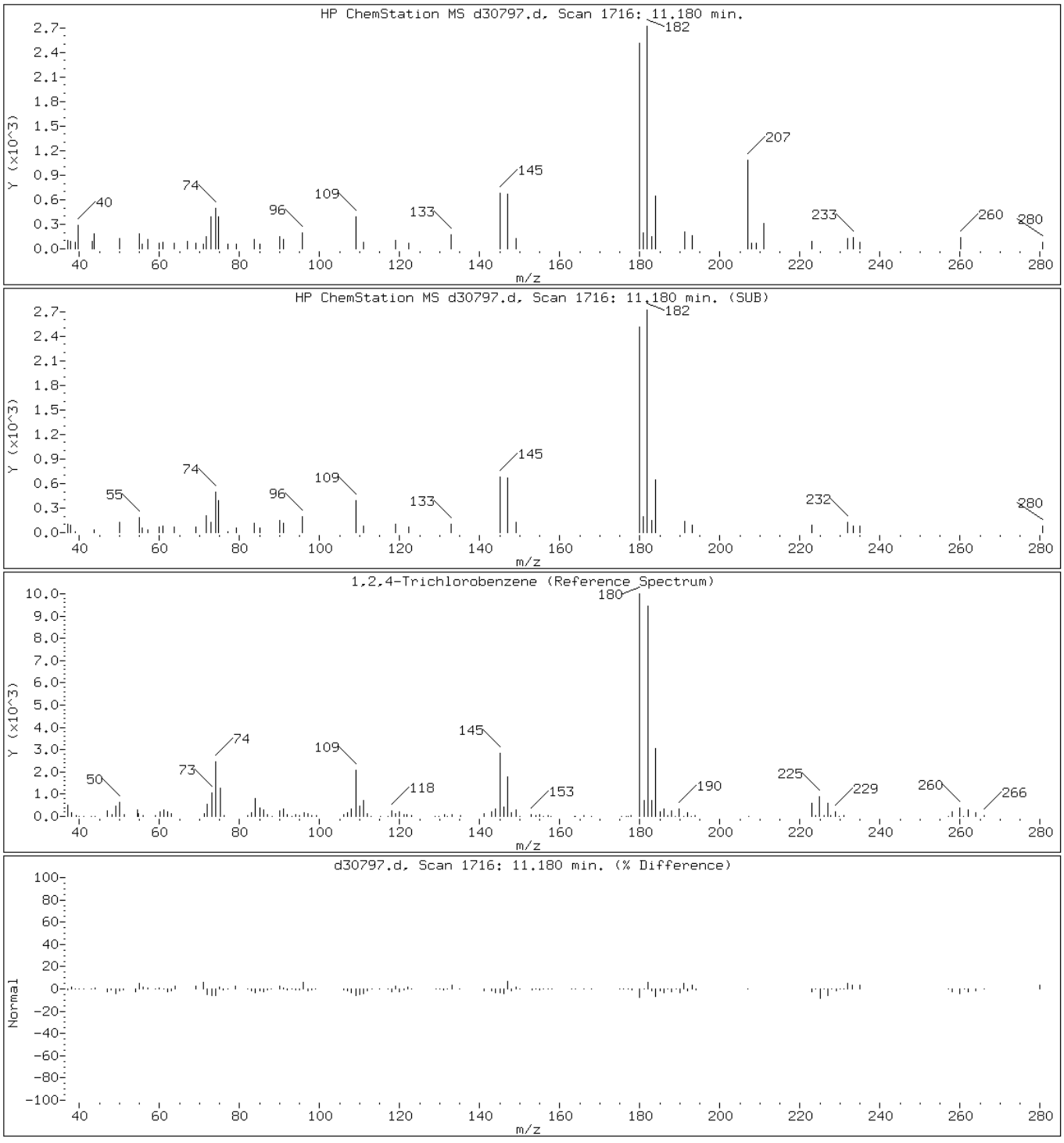
Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



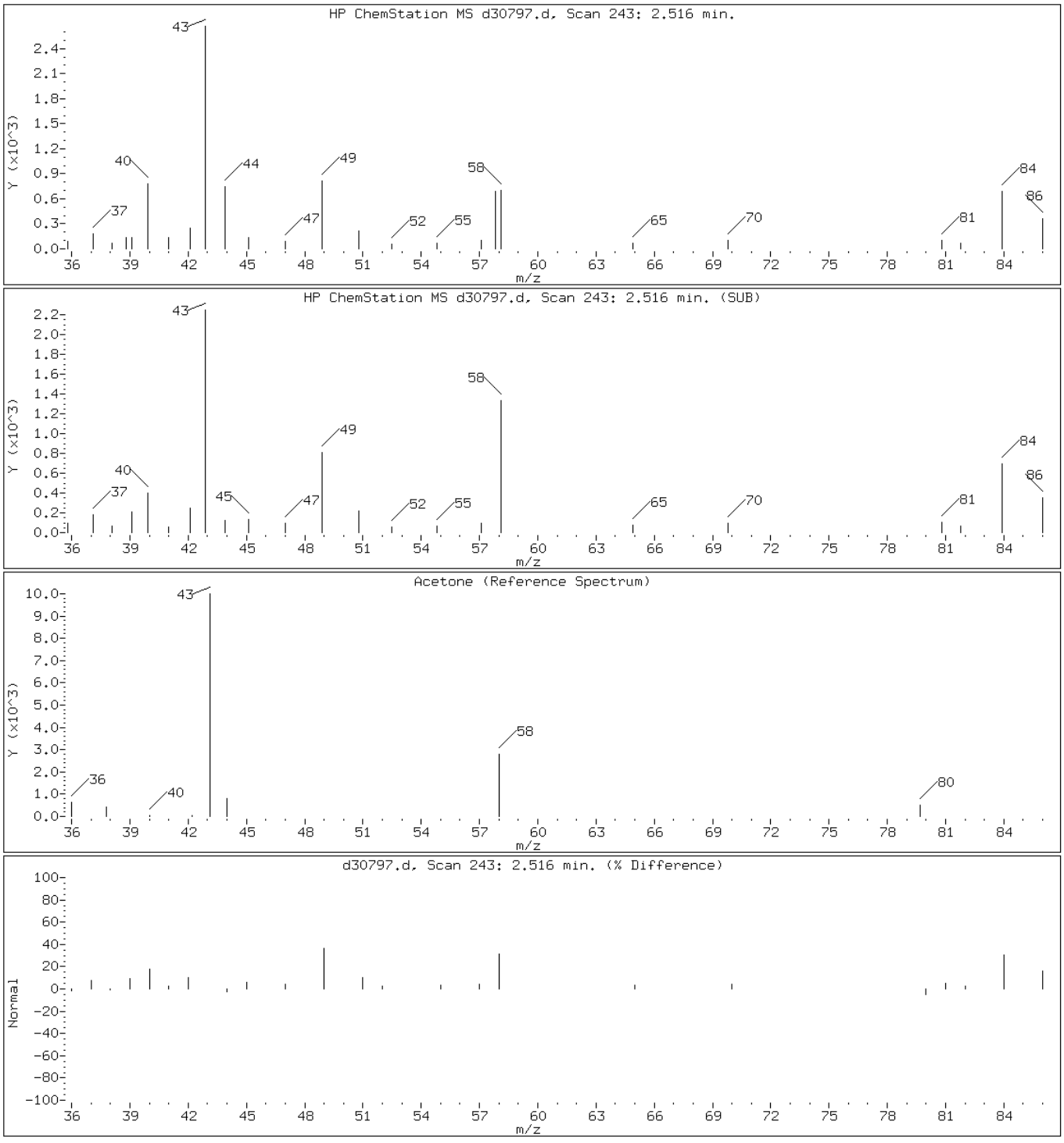
Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9

7 Acetone



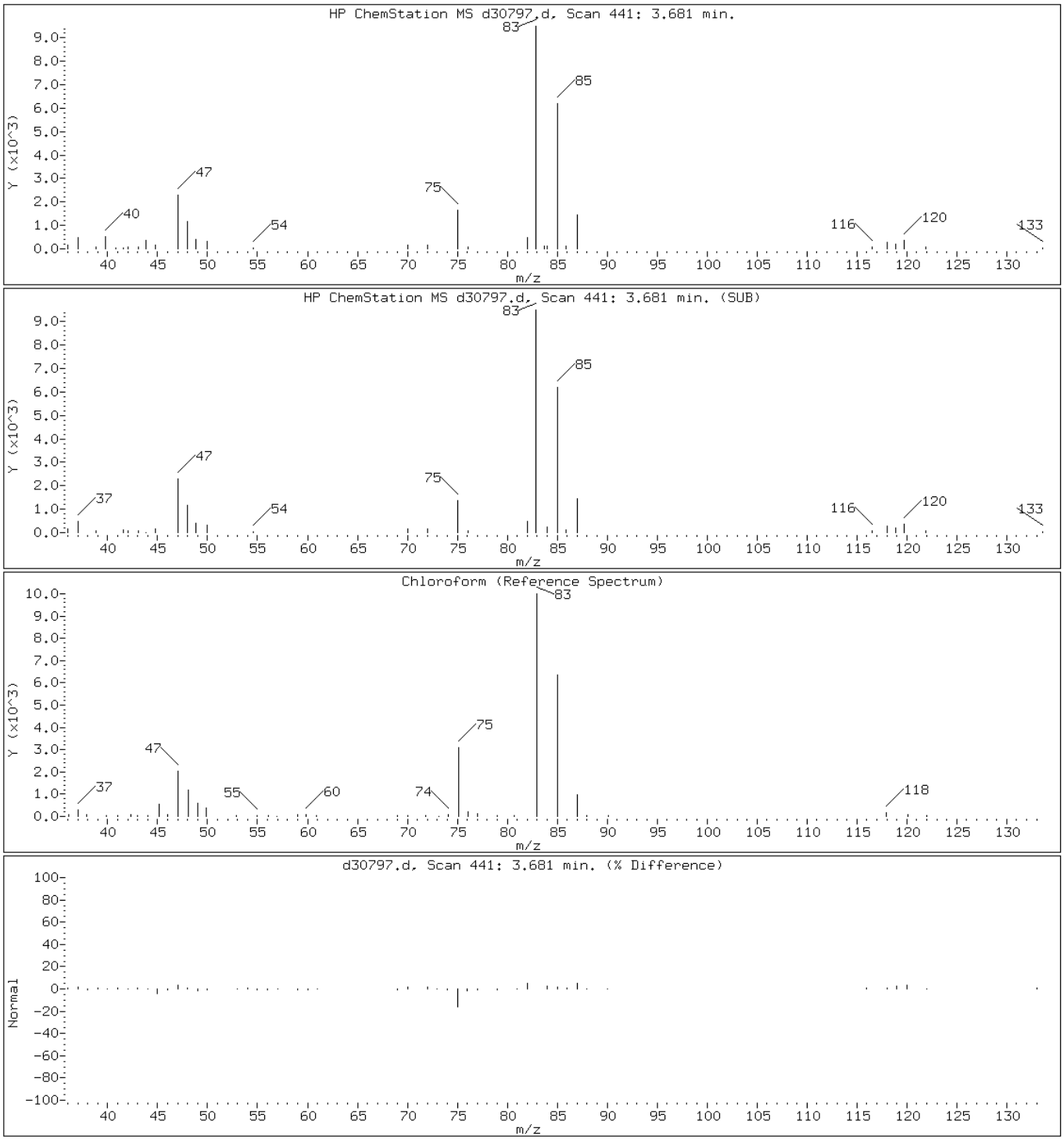
Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9

15 Chloroform



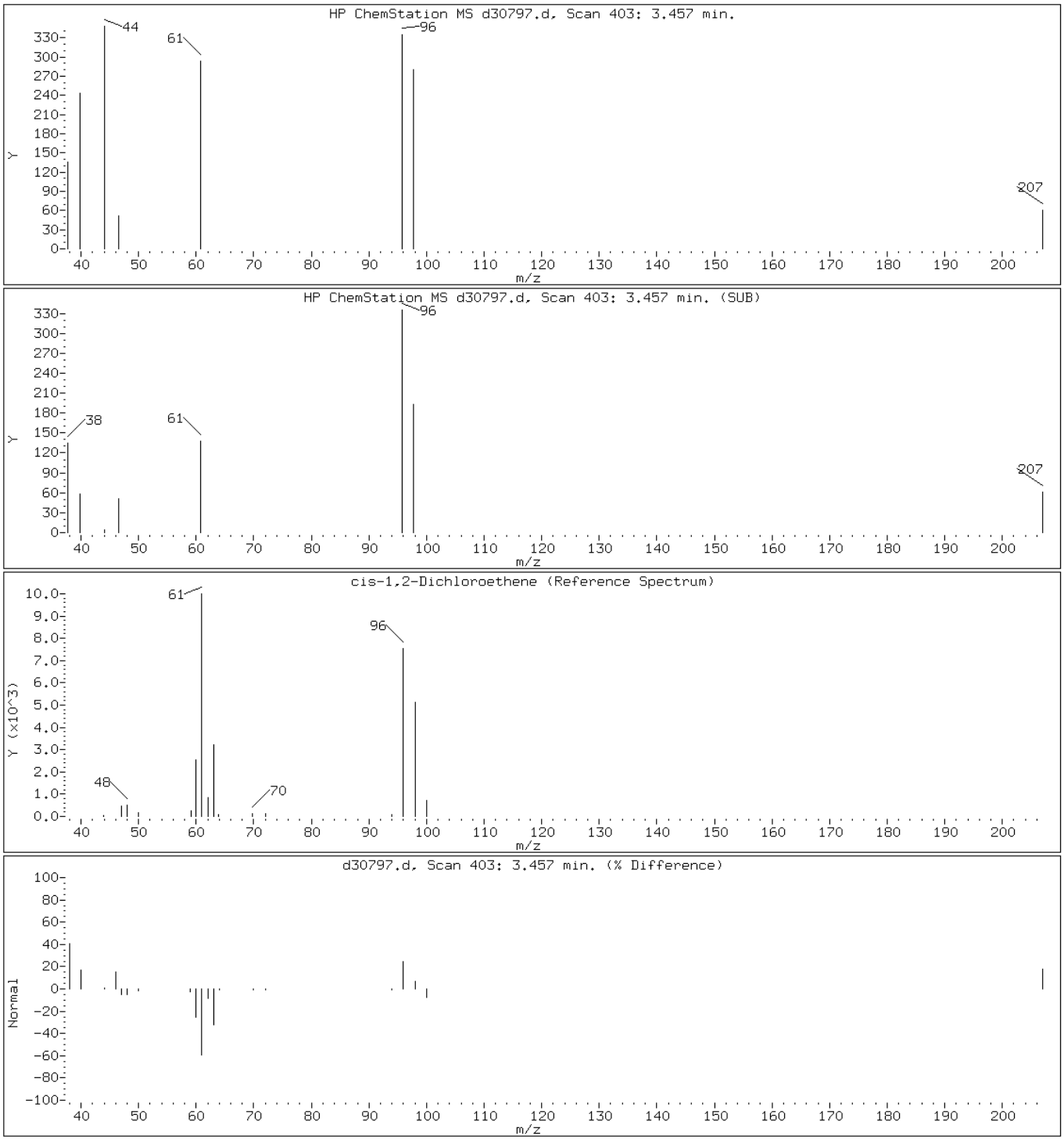
Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



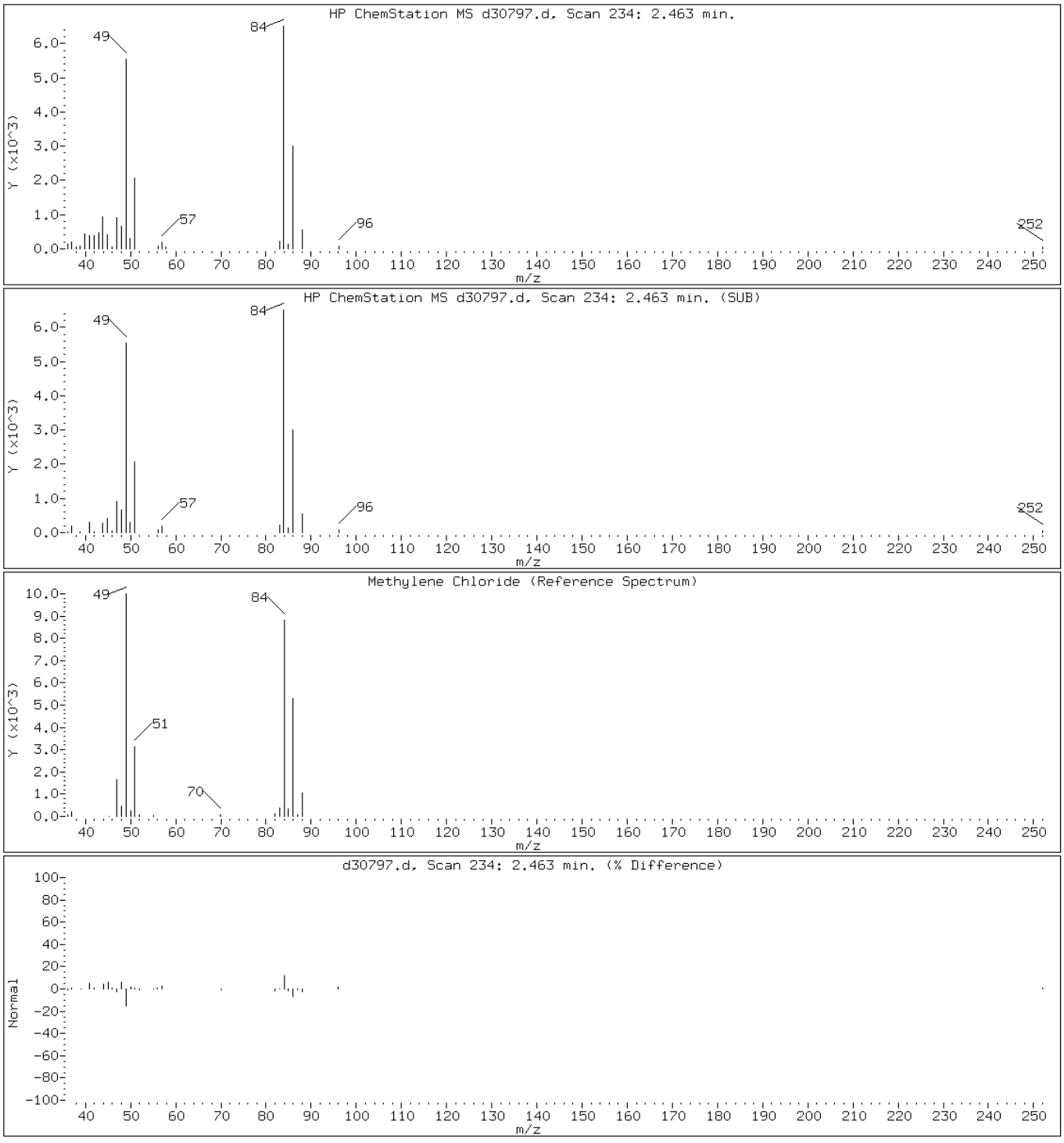
Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9

6 Methylene Chloride



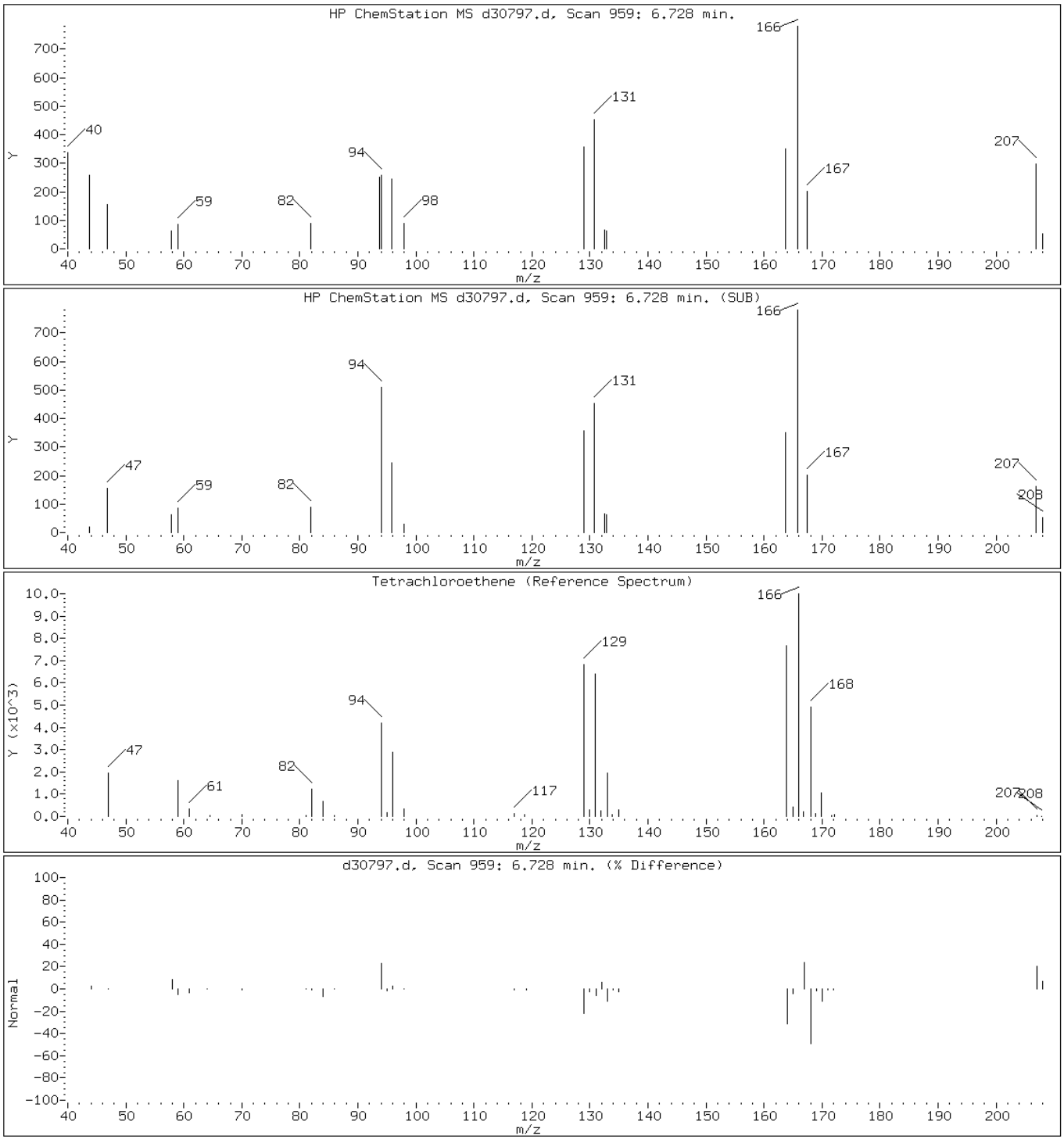
Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9

35 Tetrachloroethene



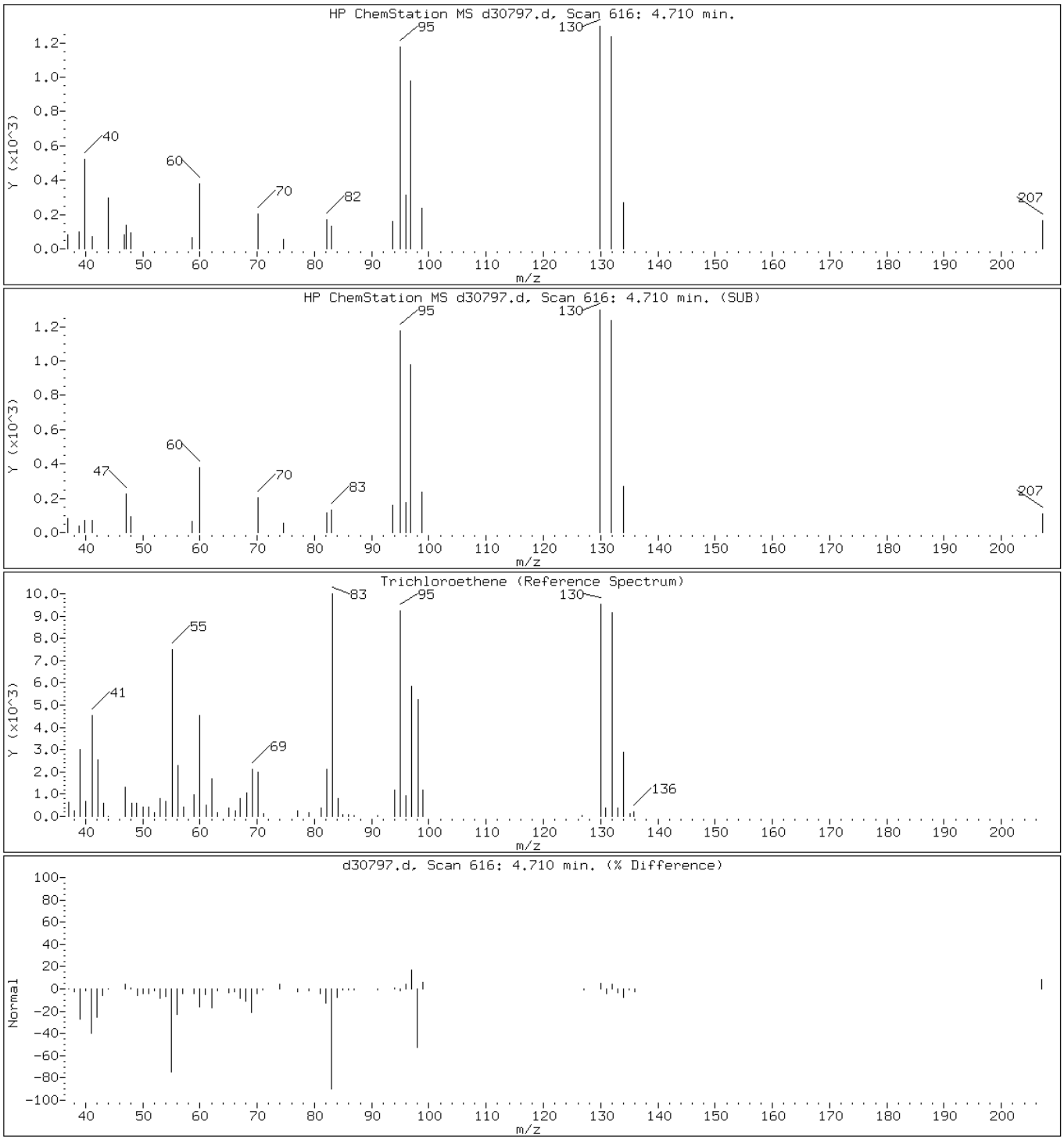
Data File: d30797.d

Date: 22-MAR-2013 15:48

Client ID: PMP-23-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-4-A;;;5.44;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS | Lab Sample ID: 460-52450-5

Matrix: Solid | Lab File ID: d30816.d

Analysis Method: 8260B | Date Collected: 03/14/2013 09:45

Sample wt/vol: 6.01(g) | Date Analyzed: 03/23/2013 01:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.89	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.080	U	0.89	0.080
79-00-5	1,1,2-Trichloroethane	0.12	U	0.89	0.12
75-34-3	1,1-Dichloroethane	0.098	U	0.89	0.098
75-35-4	1,1-Dichloroethene	0.17	U	0.89	0.17
87-61-6	1,2,3-Trichlorobenzene	0.17	J	0.89	0.14
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.89	0.17
96-12-8	1,2-Dibromo-3-Chloropropane	0.39	U	0.89	0.39
106-93-4	1,2-Dibromoethane	0.13	U	0.89	0.13
95-50-1	1,2-Dichlorobenzene	0.089	U	0.89	0.089
107-06-2	1,2-Dichloroethane	0.16	U	0.89	0.16
78-87-5	1,2-Dichloropropane	0.13	U	0.89	0.13
541-73-1	1,3-Dichlorobenzene	0.14	U	0.89	0.14
106-46-7	1,4-Dichlorobenzene	0.11	J	0.89	0.098
123-91-1	1,4-Dioxane	11	U	44	11
78-93-3	2-Butanone	0.56	U *	8.9	0.56
591-78-6	2-Hexanone	0.12	U	8.9	0.12
108-10-1	4-Methyl-2-pentanone	0.18	U	8.9	0.18
67-64-1	Acetone	1.5	U	8.9	1.5
71-43-2	Benzene	0.13	U	0.89	0.13
74-97-5	Bromochloromethane	0.098	U	0.89	0.098
75-27-4	Bromodichloromethane	0.28	U	0.89	0.28
75-25-2	Bromoform	0.15	U	0.89	0.15
74-83-9	Bromomethane	0.38	U	0.89	0.38
75-15-0	Carbon disulfide	0.13	U	0.89	0.13
56-23-5	Carbon tetrachloride	0.13	U	0.89	0.13
108-90-7	Chlorobenzene	0.16	U	0.89	0.16
75-00-3	Chloroethane	0.29	U	0.89	0.29
67-66-3	Chloroform	2.1		0.89	0.21
74-87-3	Chloromethane	0.14	U	0.89	0.14
156-59-2	cis-1,2-Dichloroethene	0.098	U	0.89	0.098
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.89	0.12
110-82-7	Cyclohexane	0.12	U *	0.89	0.12
124-48-1	Dibromochloromethane	0.089	U	0.89	0.089
75-71-8	Dichlorodifluoromethane	0.20	U	0.89	0.20
100-41-4	Ethylbenzene	0.41	J	0.89	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS | Lab Sample ID: 460-52450-5

Matrix: Solid | Lab File ID: d30816.d

Analysis Method: 8260B | Date Collected: 03/14/2013 09:45

Sample wt/vol: 6.01(g) | Date Analyzed: 03/23/2013 01:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.098	U	0.89	0.098
98-82-8	Isopropylbenzene	0.098	U	0.89	0.098
79-20-9	Methyl acetate	0.28	U	0.89	0.28
108-87-2	Methylcyclohexane	0.089	U	0.89	0.089
75-09-2	Methylene Chloride	0.48	J B	0.89	0.13
1634-04-4	MTBE	0.098	U	0.89	0.098
100-42-5	Styrene	0.25	U	0.89	0.25
127-18-4	Tetrachloroethene	0.11	U	0.89	0.11
108-88-3	Toluene	0.12	U	0.89	0.12
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.89	0.12
10061-02-6	trans-1,3-Dichloropropene	0.089	U	0.89	0.089
79-01-6	Trichloroethene	0.11	U	0.89	0.11
75-69-4	Trichlorofluoromethane	0.14	U	0.89	0.14
75-01-4	Vinyl chloride	0.30	U	0.89	0.30
1330-20-7	Xylenes, Total	3.7		2.7	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	104		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS Lab Sample ID: 460-52450-5

Matrix: Solid Lab File ID: d30816.d

Analysis Method: 8260B Date Collected: 03/14/2013 09:45

Sample wt/vol: 6.01(g) Date Analyzed: 03/23/2013 01:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30816.d
Report Date: 25-Mar-2013 12:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30816.d
Lab Smp Id: 460-52450-D-5-A Client Smp ID: PMP-14-NE VS
Inj Date : 23-MAR-2013 01:13
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-5-A;;;6.01;5
Misc Info : 460-52450-D-5-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 10
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	6.01000	Weight of sample extracted (g)
M	6.22711	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.475	2.457	(0.544)	2134	0.53628	0.48(a)
	15 Chloroform	83	3.681	3.675	(0.809)	19111	2.40895	2.1
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	111351	51.7428	46
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	517714	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	330813	43.6845	39
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	295896	50.0000	
	40 Ethylbenzene	106	7.957	7.957	(1.008)	2980	0.46415	0.41(a)
	43 m+p-Xylene	106	8.098	8.098	(1.026)	20329	2.59326	2.3
	44 o-Xylene	106	8.469	8.469	(1.073)	11411	1.54650	1.4
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	118286	52.0175	46
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	109952	50.0000	
	68 1,4-Dichlorobenzene	146	9.827	9.828	(1.001)	866	0.12911	0.11(a)
	70 Naphthalene	128	11.410	11.410	(1.162)	2859	0.37350	0.33(a)
	98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	816	0.18868	0.17(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30816.d
Report Date: 25-Mar-2013 12:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				31741	4.12978	3.7

QC Flag Legend

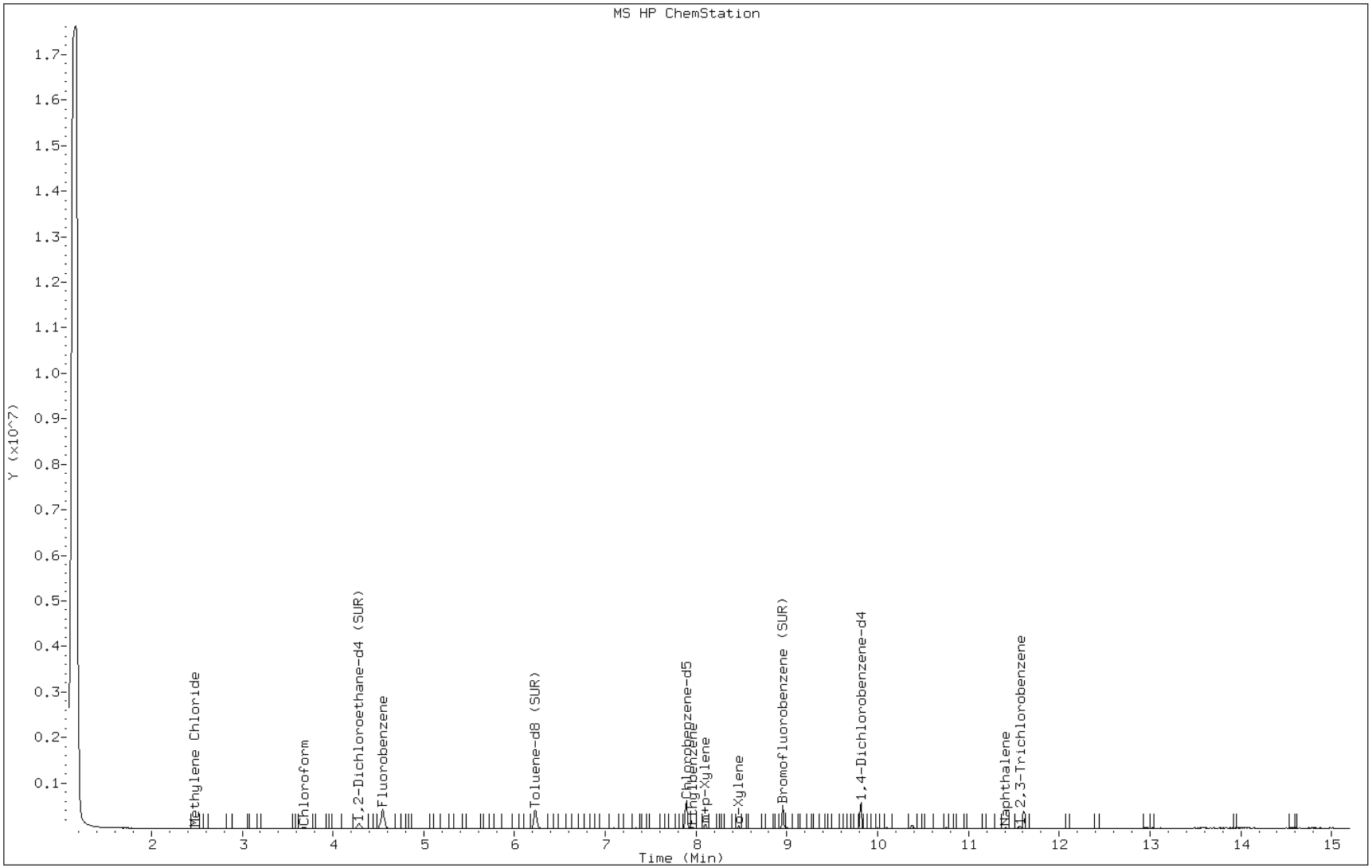
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d30816.d

Date: 23-MAR-2013 01:13

Client ID: PMP-14-NE VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-5-A;;;6.01;5 Operator: VOAMS 9



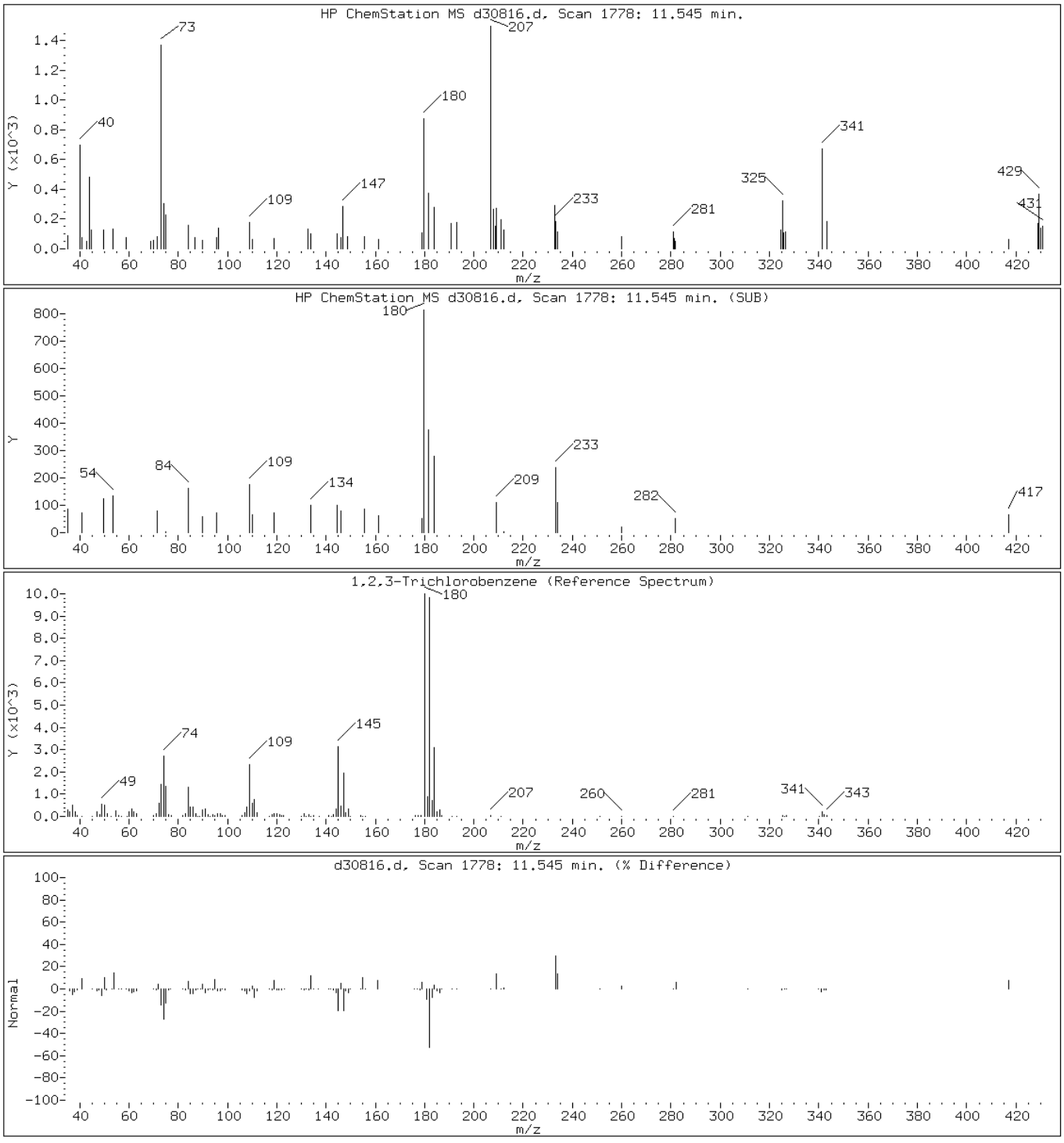
Data File: d30816.d

Date: 23-MAR-2013 01:13

Client ID: PMP-14-NE VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-5-A;;;6.01;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



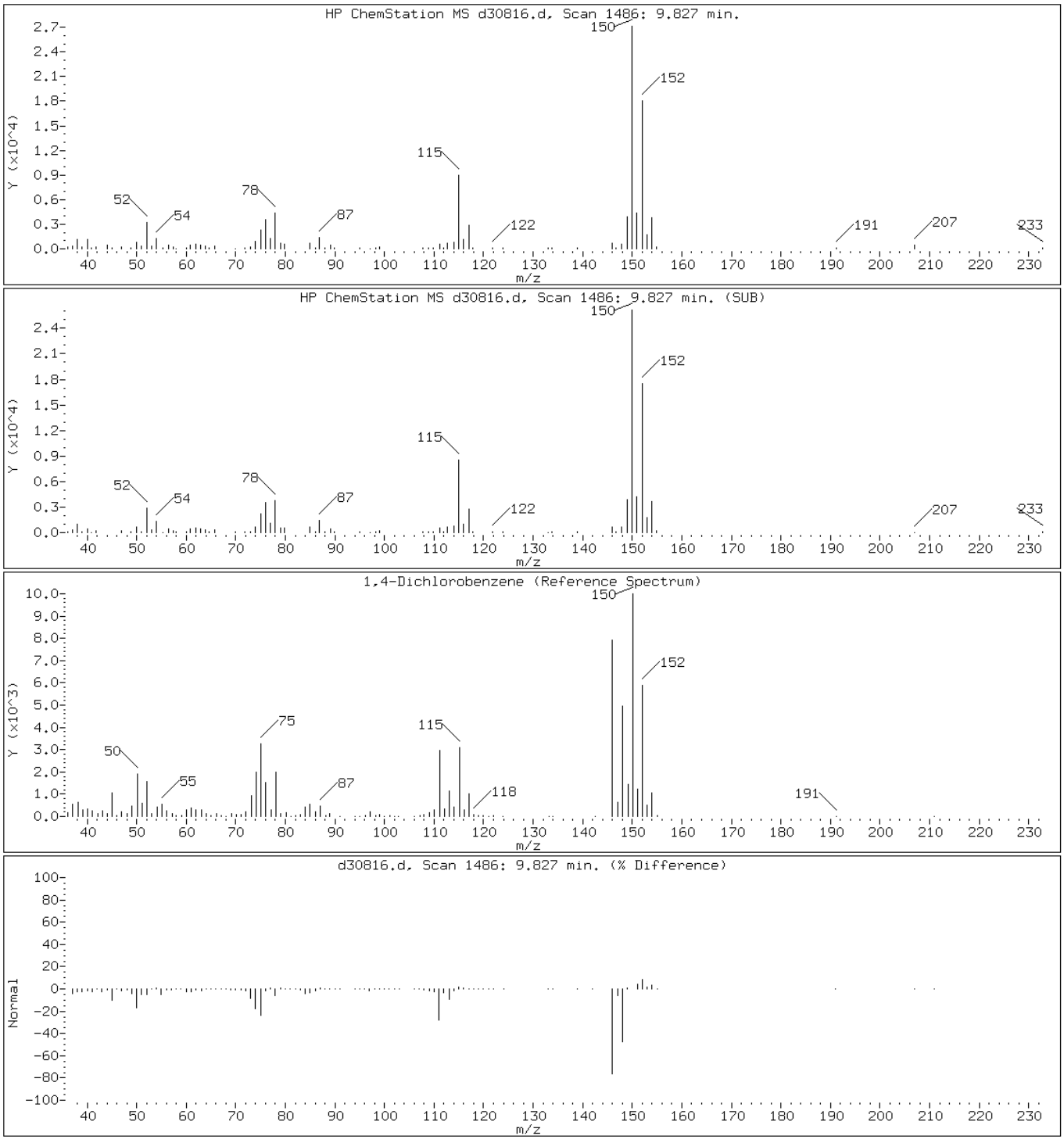
Data File: d30816.d

Date: 23-MAR-2013 01:13

Client ID: PMP-14-NE VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-5-A;;;6.01;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



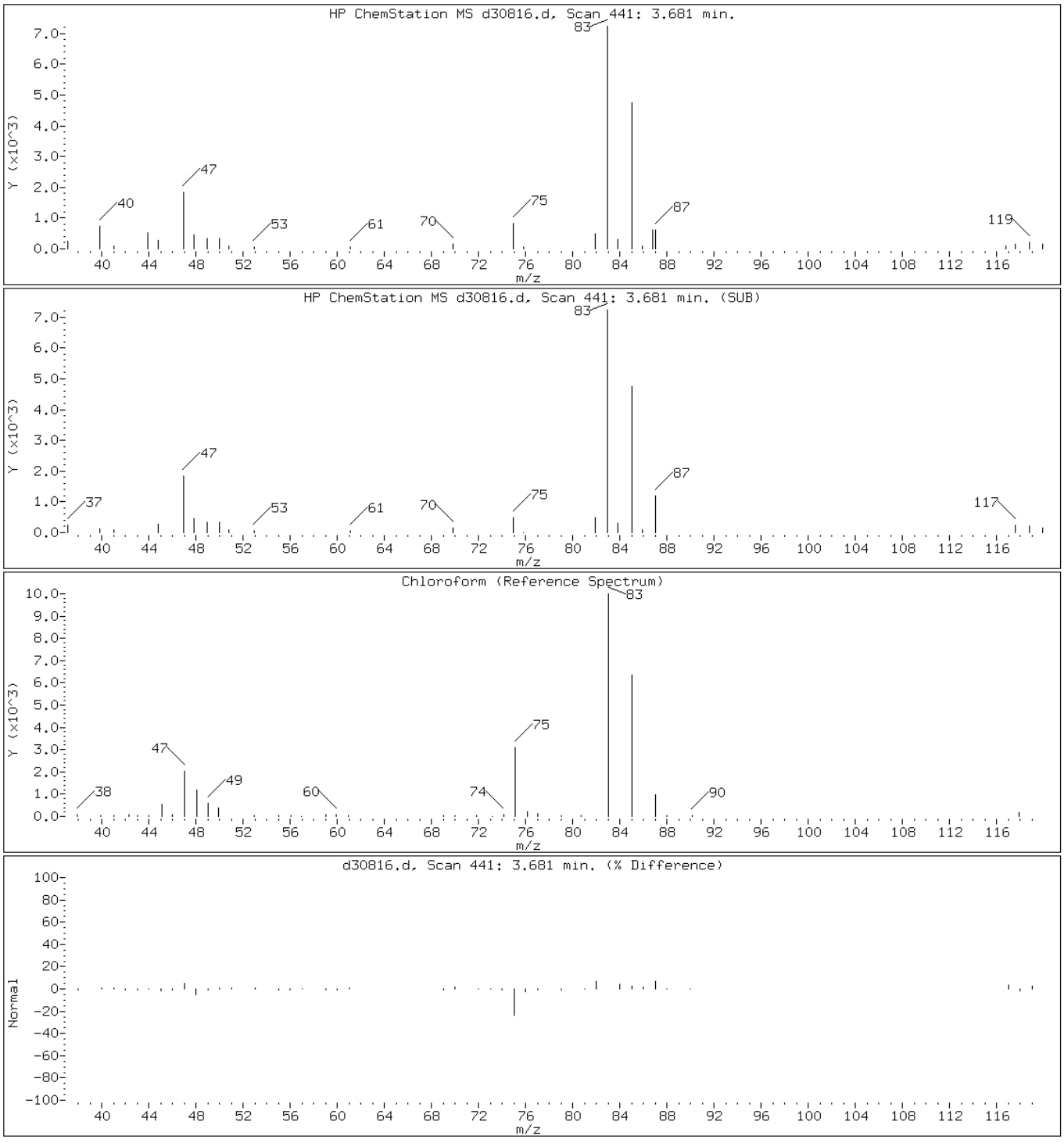
Data File: d30816.d

Date: 23-MAR-2013 01:13

Client ID: PMP-14-NE VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-5-A;;;6.01;5 Operator: VOAMS 9

15 Chloroform



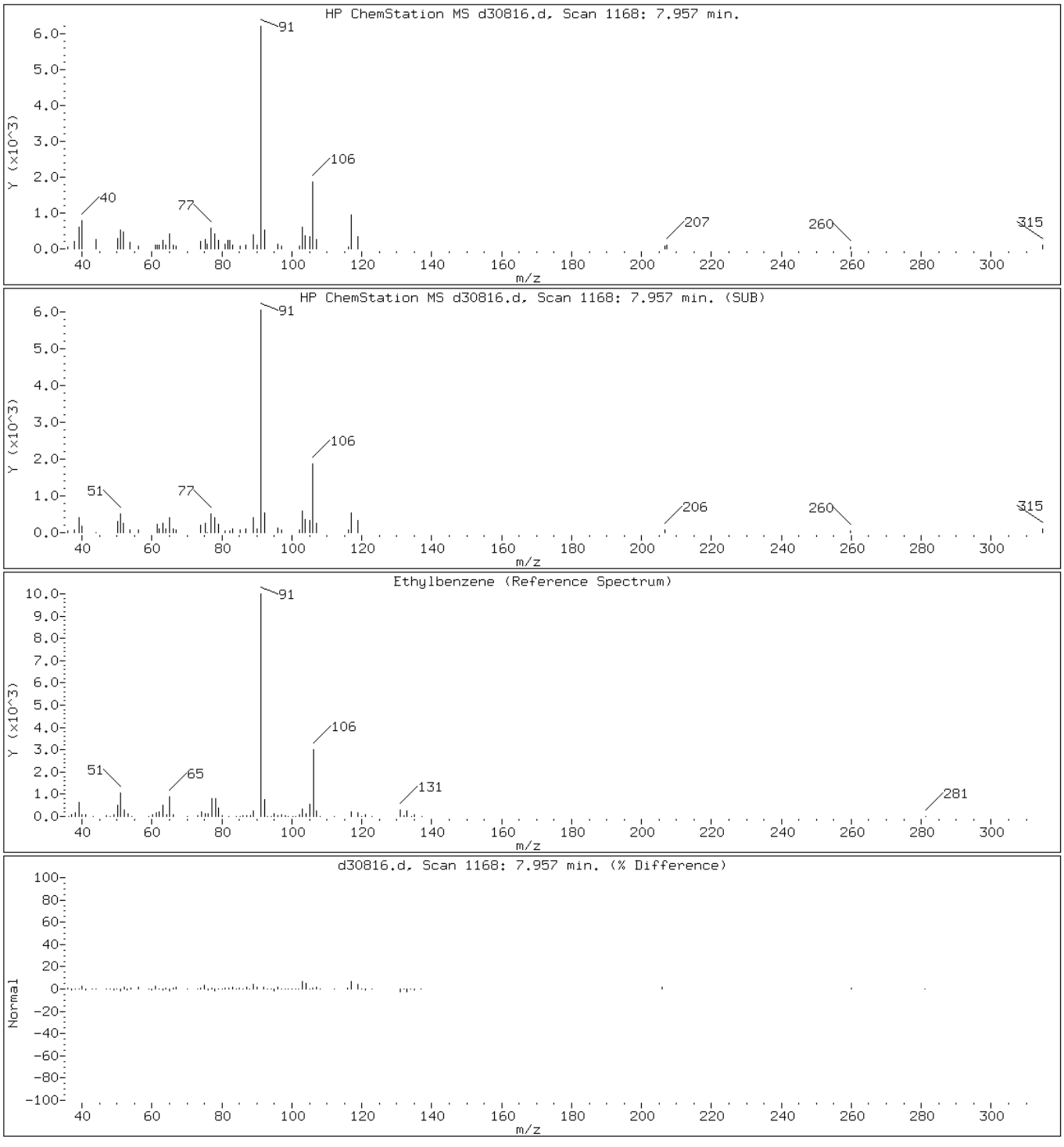
Data File: d30816.d

Date: 23-MAR-2013 01:13

Client ID: PMP-14-NE VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-5-A;;;6.01;5 Operator: VOAMS 9

40 Ethylbenzene



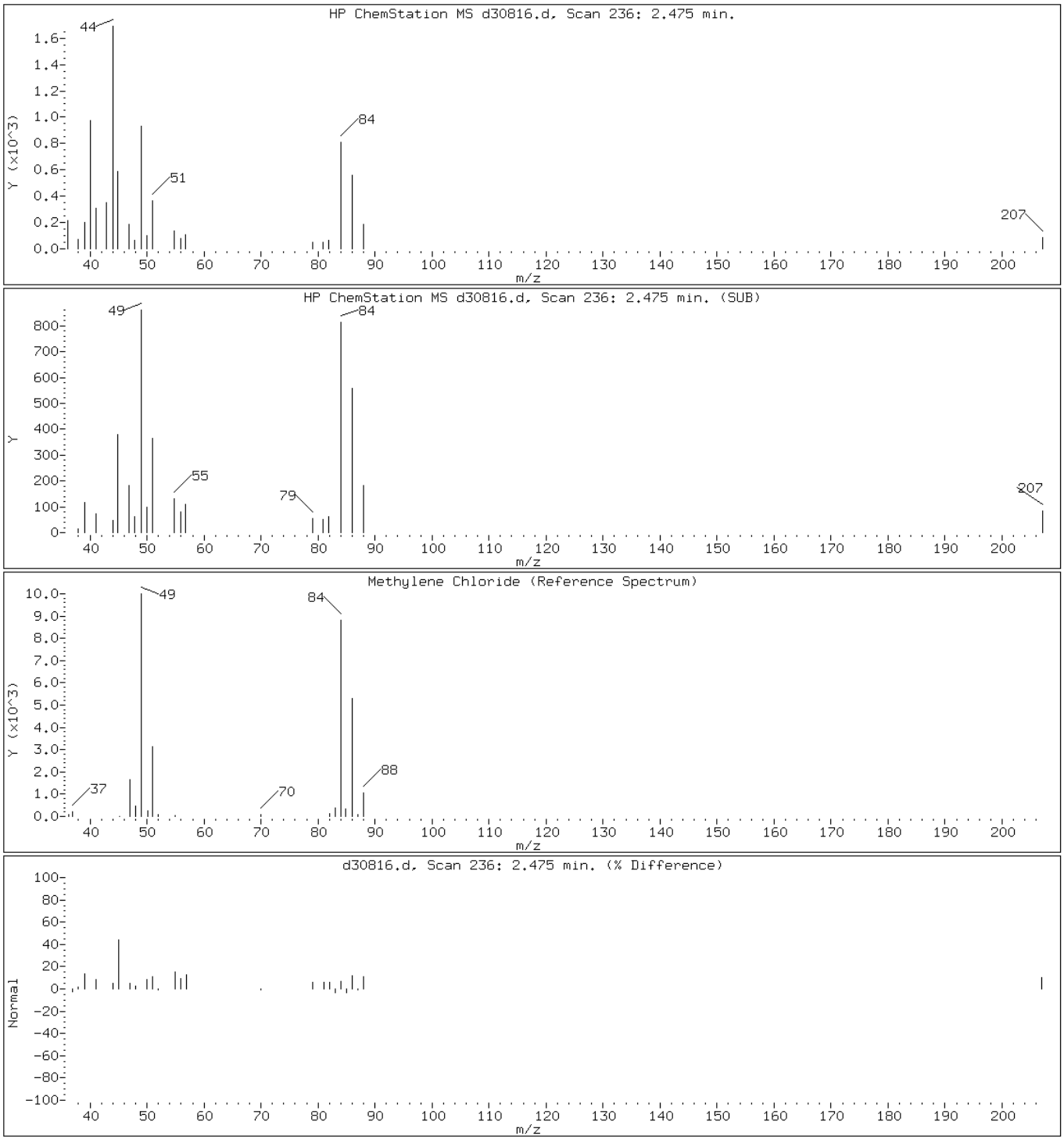
Data File: d30816.d

Date: 23-MAR-2013 01:13

Client ID: PMP-14-NE VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-5-A;;;6.01;5 Operator: VOAMS 9

6 Methylene Chloride



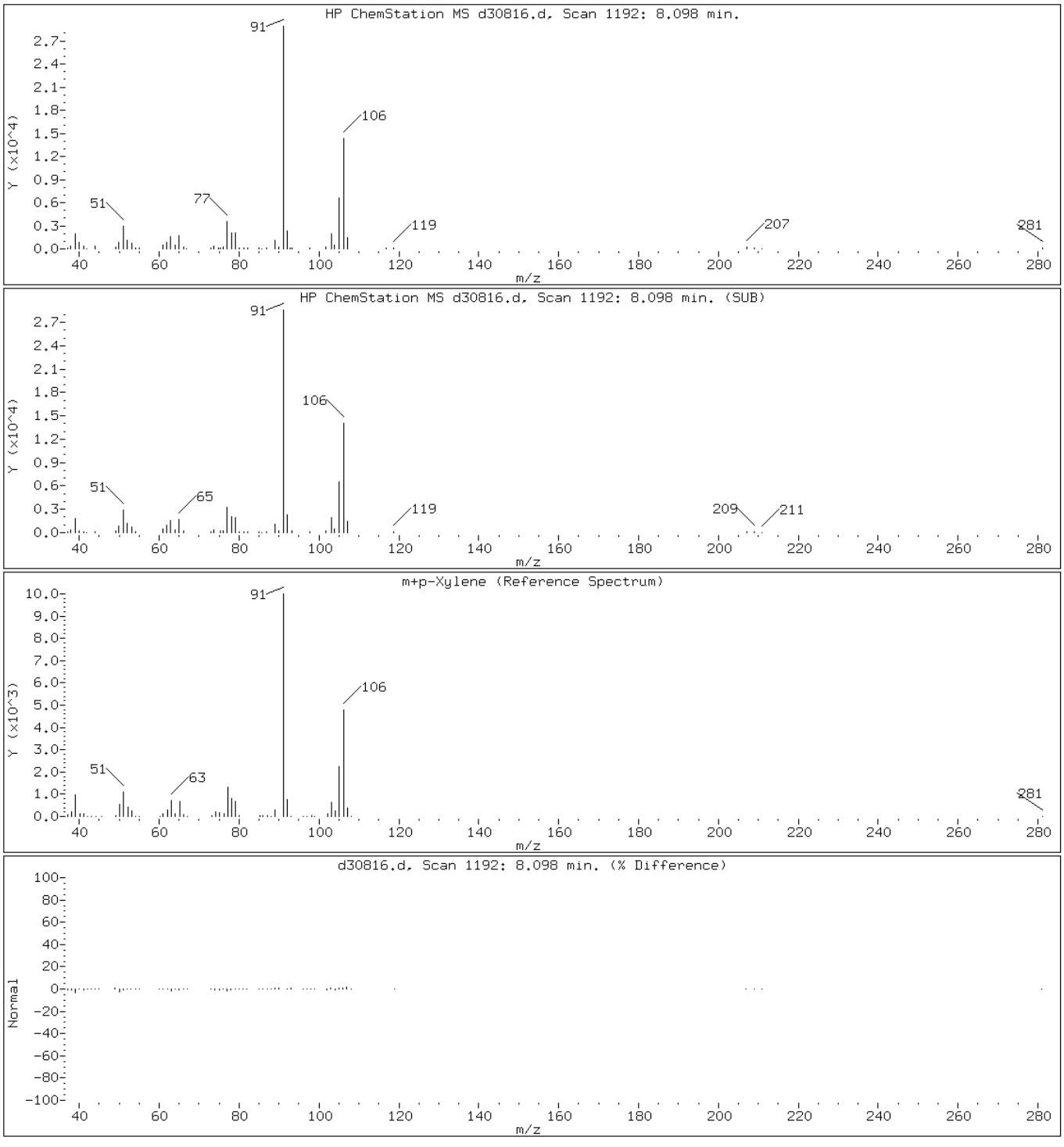
Data File: d30816.d

Date: 23-MAR-2013 01:13

Client ID: PMP-14-NE VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-5-A;;;6.01;5 Operator: VOAMS 9

43 m+p-Xylene



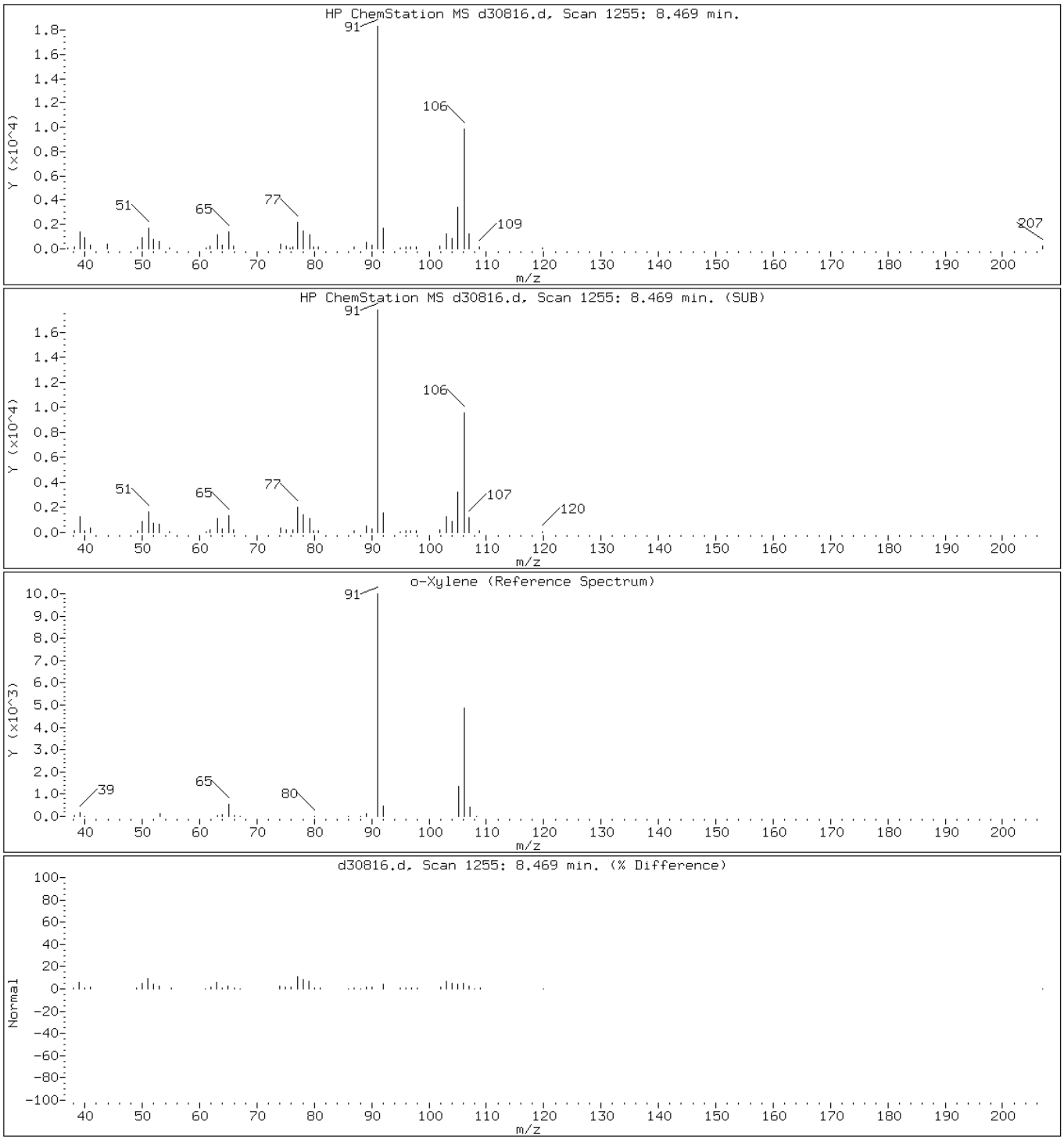
Data File: d30816.d

Date: 23-MAR-2013 01:13

Client ID: PMP-14-NE VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-5-A;;;6.01;5 Operator: VOAMS 9

44 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS | Lab Sample ID: 460-52450-6

Matrix: Solid | Lab File ID: d30817.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:30

Sample wt/vol: 5.47(g) | Date Analyzed: 03/23/2013 01:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	0.97	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.087	U	0.97	0.087
79-00-5	1,1,2-Trichloroethane	0.14	U	0.97	0.14
75-34-3	1,1-Dichloroethane	0.11	U	0.97	0.11
75-35-4	1,1-Dichloroethene	0.18	U	0.97	0.18
87-61-6	1,2,3-Trichlorobenzene	0.21	J	0.97	0.15
120-82-1	1,2,4-Trichlorobenzene	0.20	J	0.97	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.97	0.43
106-93-4	1,2-Dibromoethane	0.15	U	0.97	0.15
95-50-1	1,2-Dichlorobenzene	0.097	U	0.97	0.097
107-06-2	1,2-Dichloroethane	0.17	U	0.97	0.17
78-87-5	1,2-Dichloropropane	0.15	U	0.97	0.15
541-73-1	1,3-Dichlorobenzene	0.15	U	0.97	0.15
106-46-7	1,4-Dichlorobenzene	0.11	U	0.97	0.11
123-91-1	1,4-Dioxane	12	U	48	12
78-93-3	2-Butanone	0.61	U *	9.7	0.61
591-78-6	2-Hexanone	0.13	U	9.7	0.13
108-10-1	4-Methyl-2-pentanone	0.19	U	9.7	0.19
67-64-1	Acetone	15	B	9.7	1.6
71-43-2	Benzene	0.15	U	0.97	0.15
74-97-5	Bromochloromethane	0.11	U	0.97	0.11
75-27-4	Bromodichloromethane	0.31	U	0.97	0.31
75-25-2	Bromoform	0.16	U	0.97	0.16
74-83-9	Bromomethane	0.42	U	0.97	0.42
75-15-0	Carbon disulfide	0.15	U	0.97	0.15
56-23-5	Carbon tetrachloride	0.15	U	0.97	0.15
108-90-7	Chlorobenzene	0.17	U	0.97	0.17
75-00-3	Chloroethane	0.32	U	0.97	0.32
67-66-3	Chloroform	0.23	U	0.97	0.23
74-87-3	Chloromethane	0.15	U	0.97	0.15
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.97	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.97	0.14
110-82-7	Cyclohexane	0.13	U *	0.97	0.13
124-48-1	Dibromochloromethane	0.097	U	0.97	0.097
75-71-8	Dichlorodifluoromethane	0.21	U	0.97	0.21
100-41-4	Ethylbenzene	7.4		0.97	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS | Lab Sample ID: 460-52450-6

Matrix: Solid | Lab File ID: d30817.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:30

Sample wt/vol: 5.47(g) | Date Analyzed: 03/23/2013 01:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	0.97	0.11
98-82-8	Isopropylbenzene	0.27	J	0.97	0.11
79-20-9	Methyl acetate	0.31	U	0.97	0.31
108-87-2	Methylcyclohexane	0.097	U	0.97	0.097
75-09-2	Methylene Chloride	2.0	B	0.97	0.15
1634-04-4	MTBE	0.11	U	0.97	0.11
100-42-5	Styrene	0.27	U	0.97	0.27
127-18-4	Tetrachloroethene	0.12	U	0.97	0.12
108-88-3	Toluene	0.39	J	0.97	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.97	0.13
10061-02-6	trans-1,3-Dichloropropene	0.097	U	0.97	0.097
79-01-6	Trichloroethene	0.12	U	0.97	0.12
75-69-4	Trichlorofluoromethane	0.15	U	0.97	0.15
75-01-4	Vinyl chloride	0.33	U	0.97	0.33
1330-20-7	Xylenes, Total	63		2.9	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	118		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS Lab Sample ID: 460-52450-6

Matrix: Solid Lab File ID: d30817.d

Analysis Method: 8260B Date Collected: 03/14/2013 10:30

Sample wt/vol: 5.47(g) Date Analyzed: 03/23/2013 01:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 5 TIC Result Total: 35.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H18 Cycloalkane	6.93	6.5	J
	C9H18 Cycloalkane-1	7.09	9.4	J
	C9H18 Cycloalkane-2	7.34	9.2	J
	C9H20 Alkane	7.42	5.0	J
	C9H18 Cycloalkane-3	7.74	5.1	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30817.d
Report Date: 25-Mar-2013 12:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30817.d
Lab Smp Id: 460-52450-D-6-A Client Smp ID: PMP-8-NE-VS
Inj Date : 23-MAR-2013 01:36
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-6-A;;;5.47;5
Misc Info : 460-52450-D-6-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 11
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	5.47000	Weight of sample extracted (g)
M	5.55556	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.463	2.457	(0.541)	8459	2.04573	2.0
	7 Acetone	43	2.522	2.510	(0.554)	20218	15.0471	14
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.293	4.287	(0.943)	114332	51.1324	49
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	537915	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	388429	44.9365	43
	38 Toluene	91	6.287	6.287	(0.797)	8364	0.40572	0.39(a)
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	337751	50.0000	
	40 Ethylbenzene	106	7.963	7.957	(1.009)	56190	7.66734	7.4
	43 m+p-Xylene	106	8.098	8.098	(1.026)	375752	41.9911	41
	44 o-Xylene	106	8.469	8.469	(1.073)	198927	23.6175	23
	110 Isopropylbenzene	105	8.745	8.745	(1.108)	6689	0.27920	0.27(a)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	154892	59.0488	57
	112 n-Propylbenzene	91	9.081	9.081	(0.925)	3342	0.17630	0.17(a)
	102 1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	2283	0.16930	0.16(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30817.d
Report Date: 25-Mar-2013 12:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	100 1,2,4-Trimethylbenzene	105	9.533	9.533	(0.971)	5879	0.44259	0.43(a)
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	126835	50.0000	
	93 1,2,4-Trichlorobenzene	180	11.180	11.180	(1.139)	1181	0.20753	0.20(a)
	70 Naphthalene	128	11.410	11.410	(1.162)	3904	0.44208	0.43(a)
	98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	1080	0.21635	0.21(a)
M	45 Xylene (Total)	100				574679	65.5039	63

QC Flag Legend

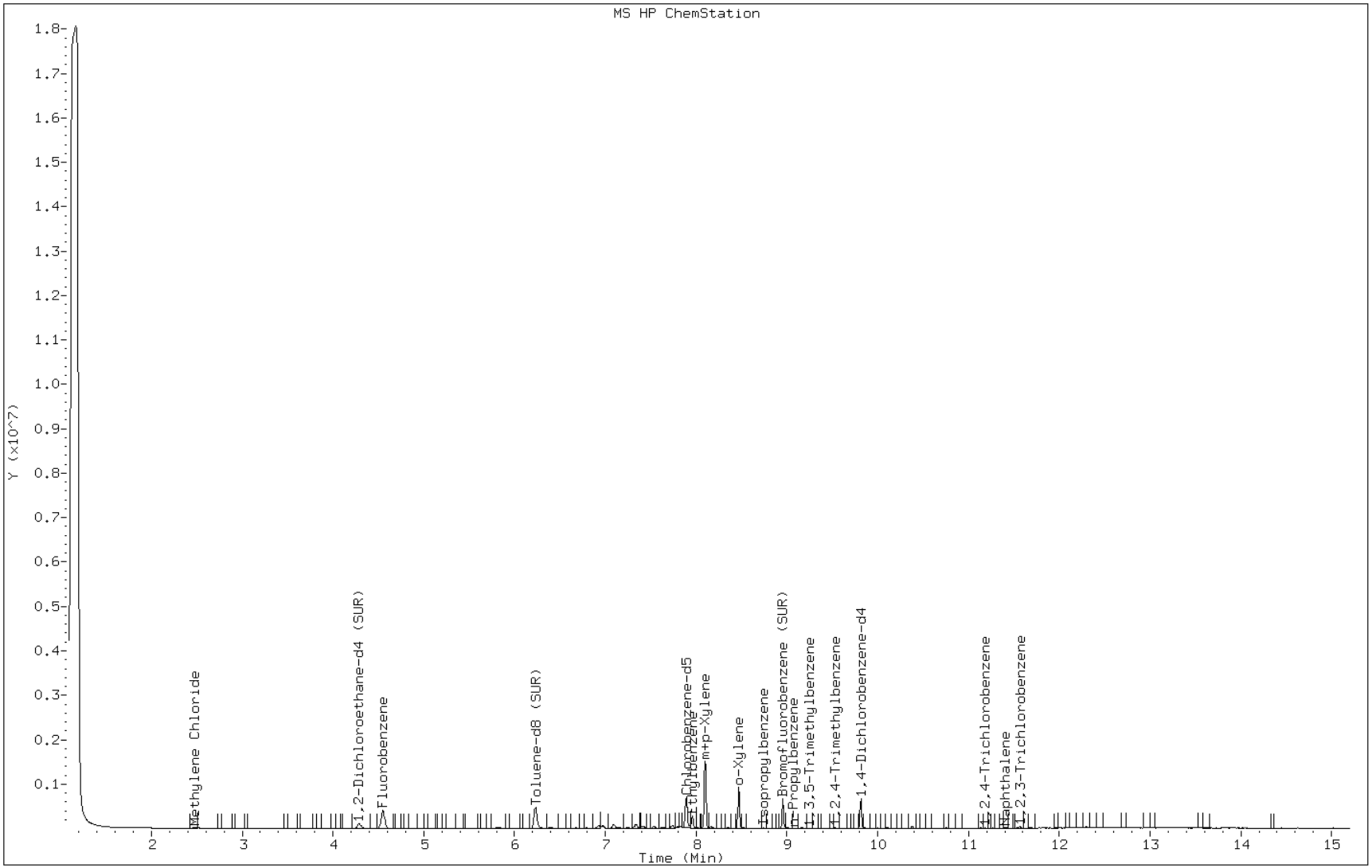
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9



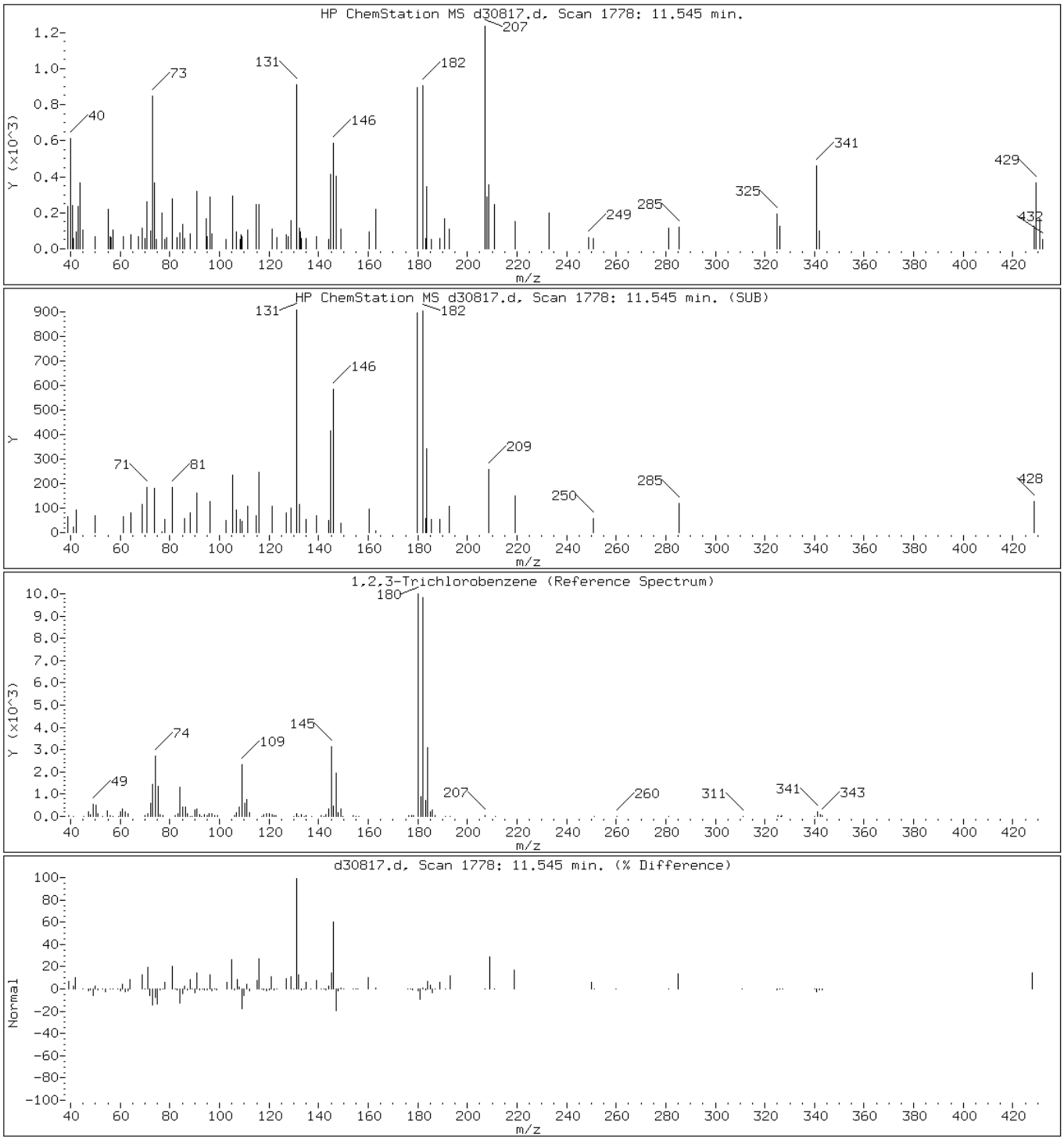
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



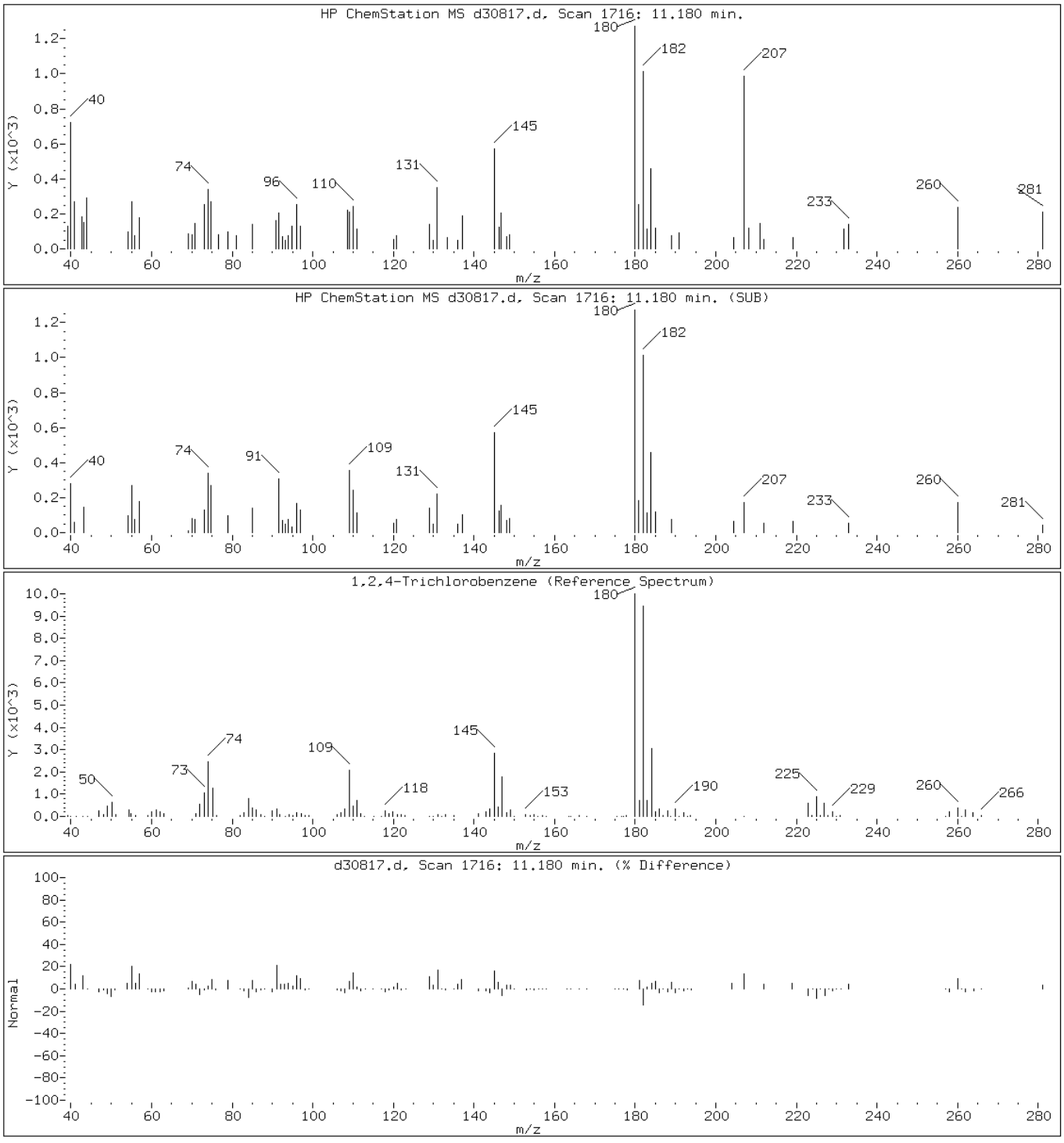
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



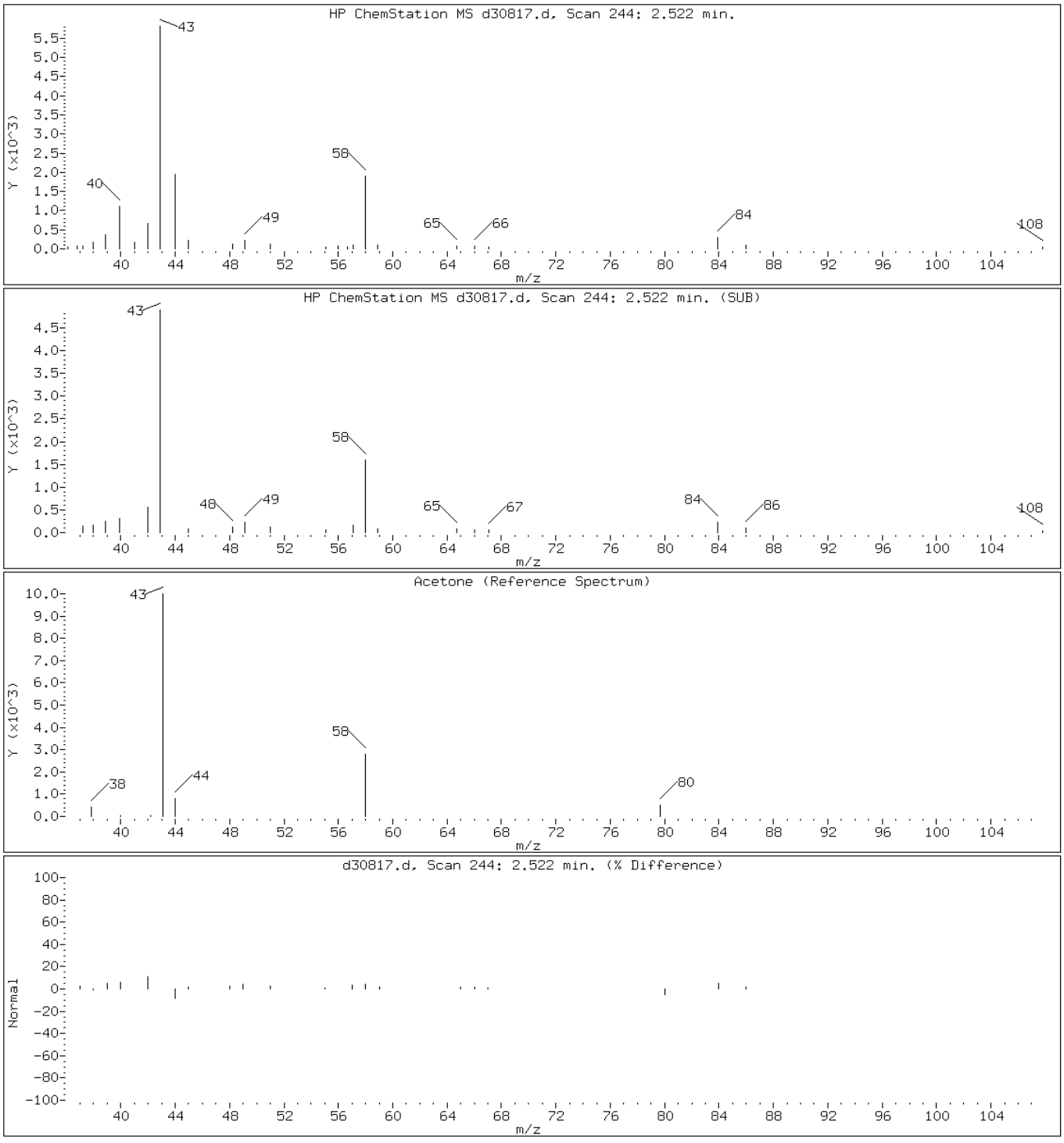
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

7 Acetone



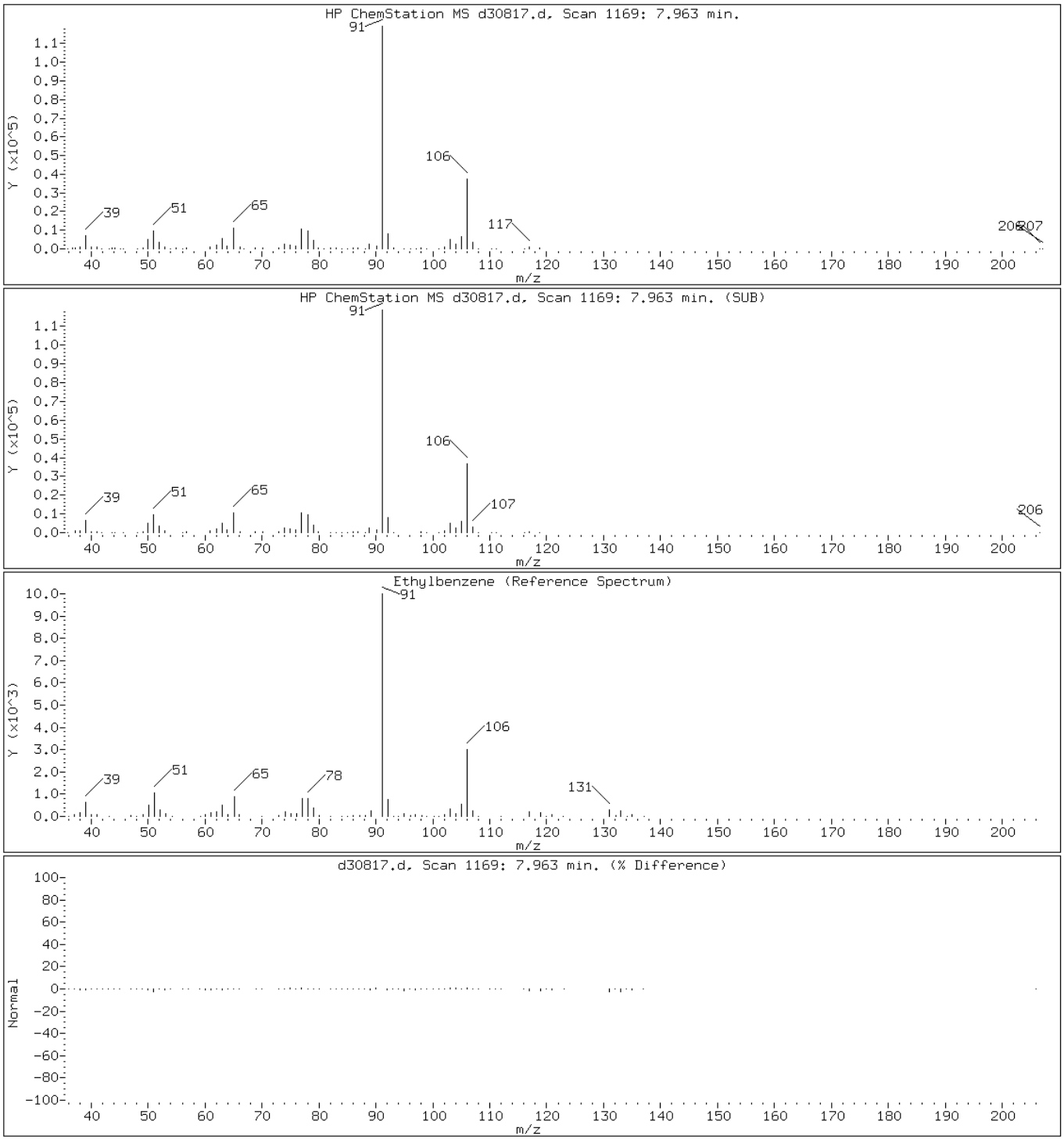
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

40 Ethylbenzene



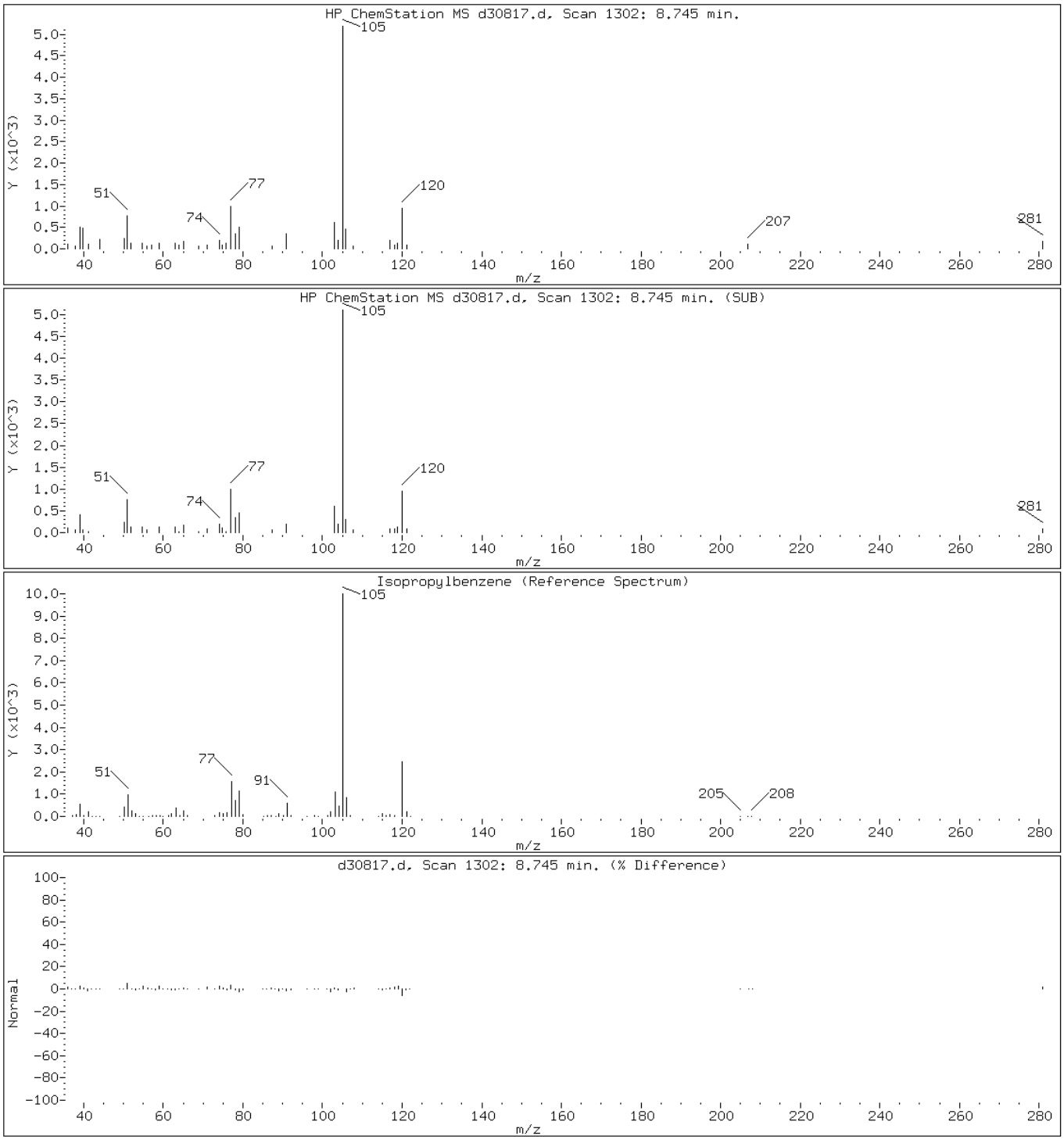
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

110 Isopropylbenzene



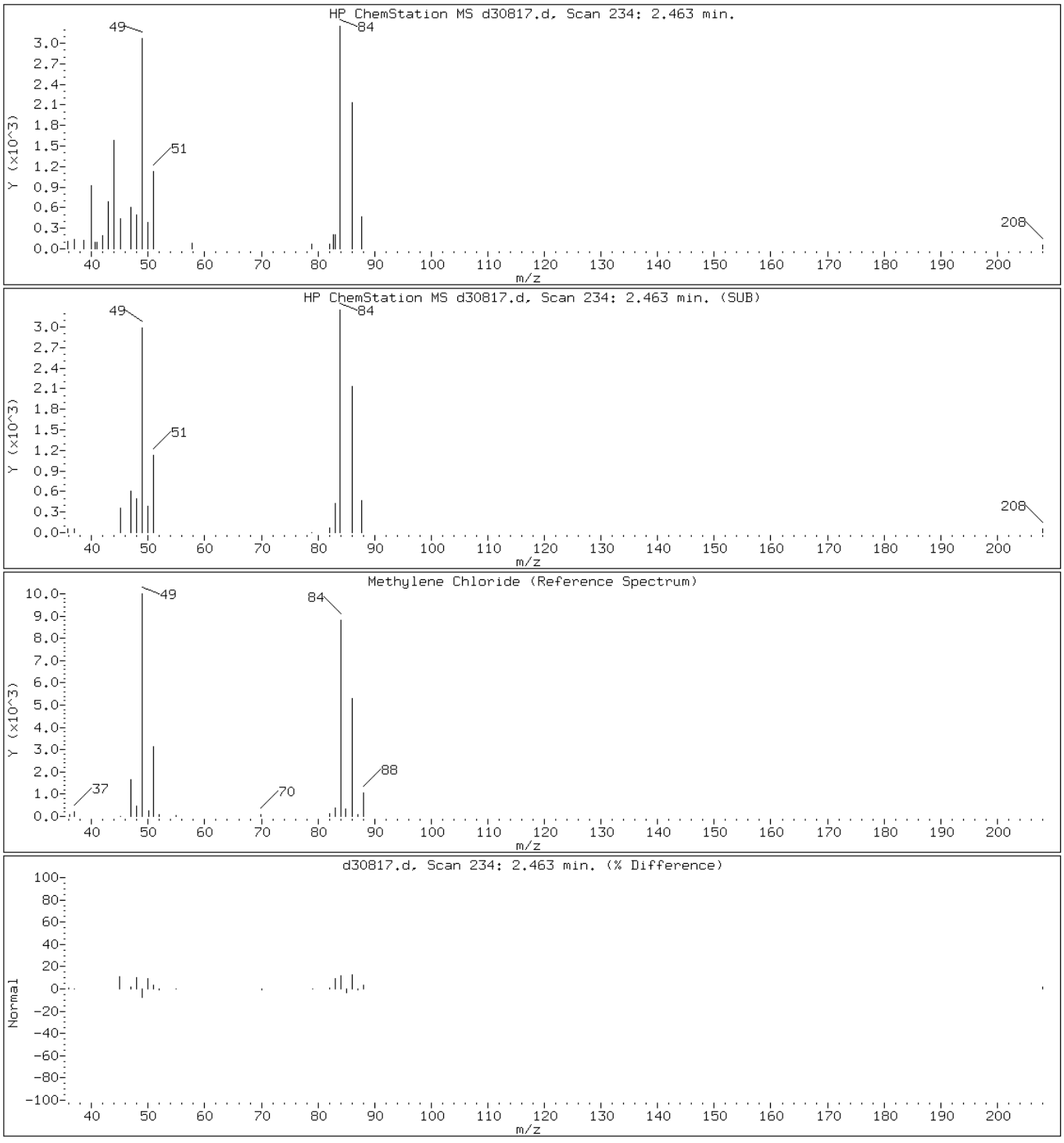
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

6 Methylene Chloride



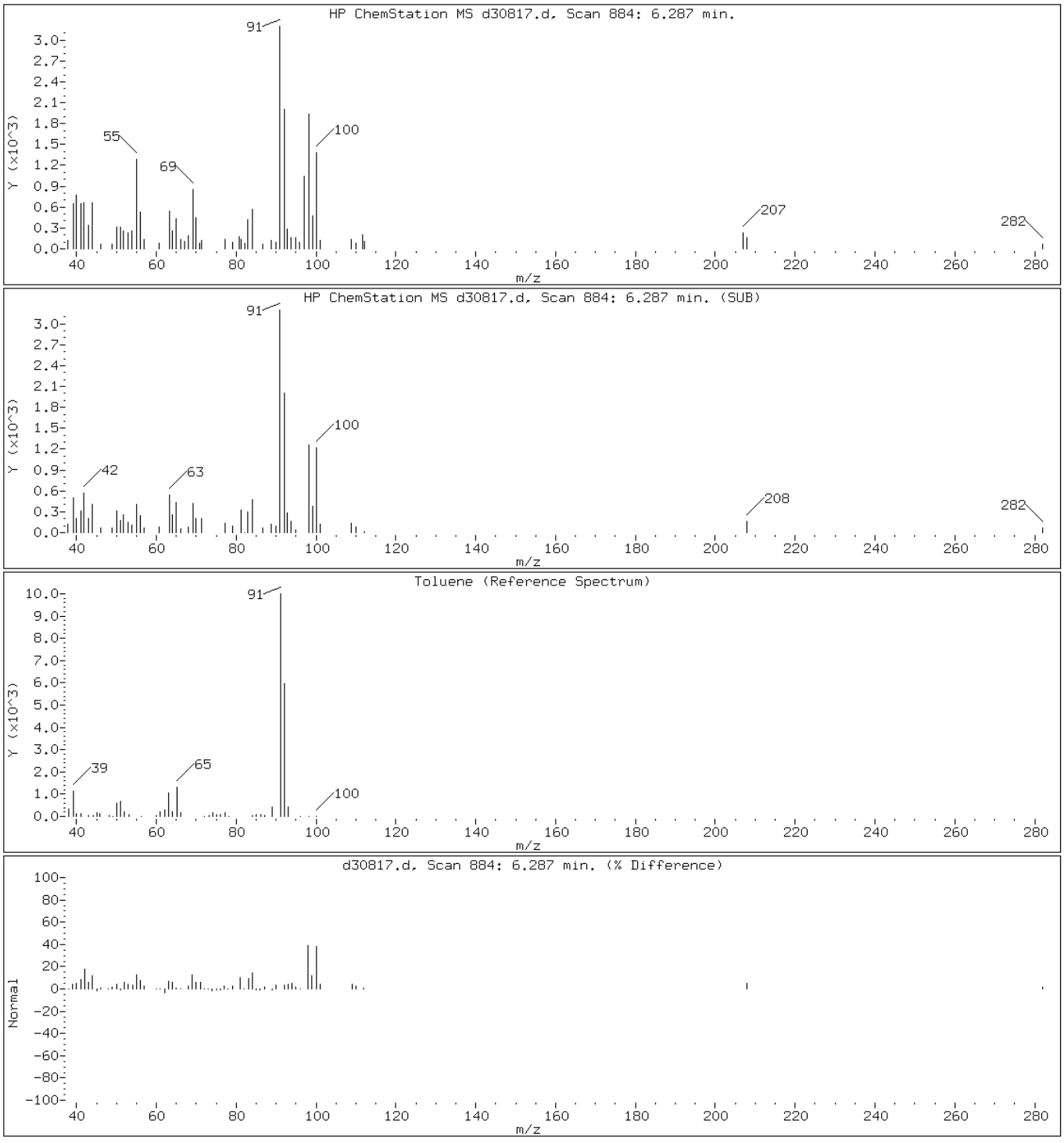
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

38 Toluene



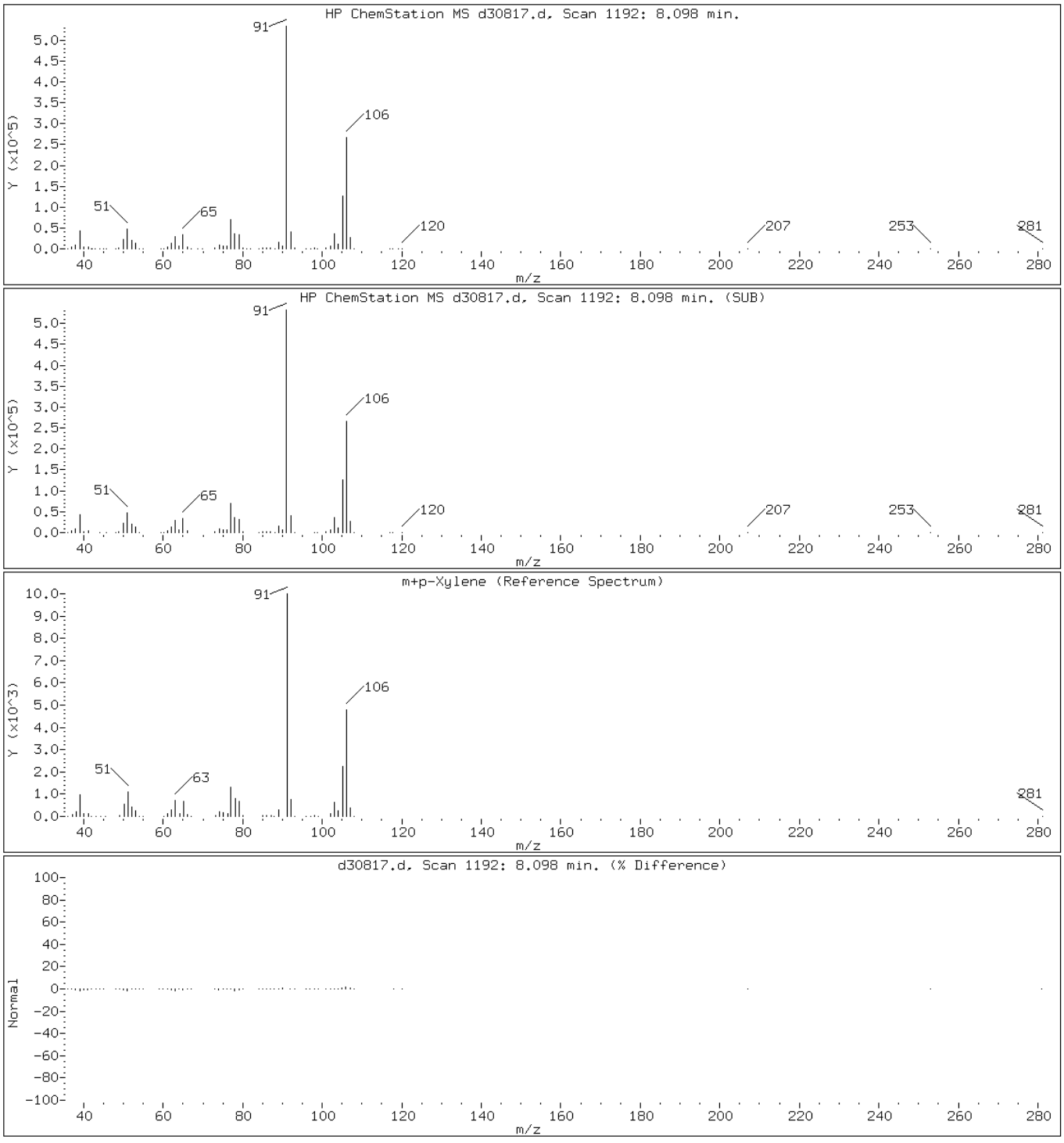
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

43 m+p-Xylene



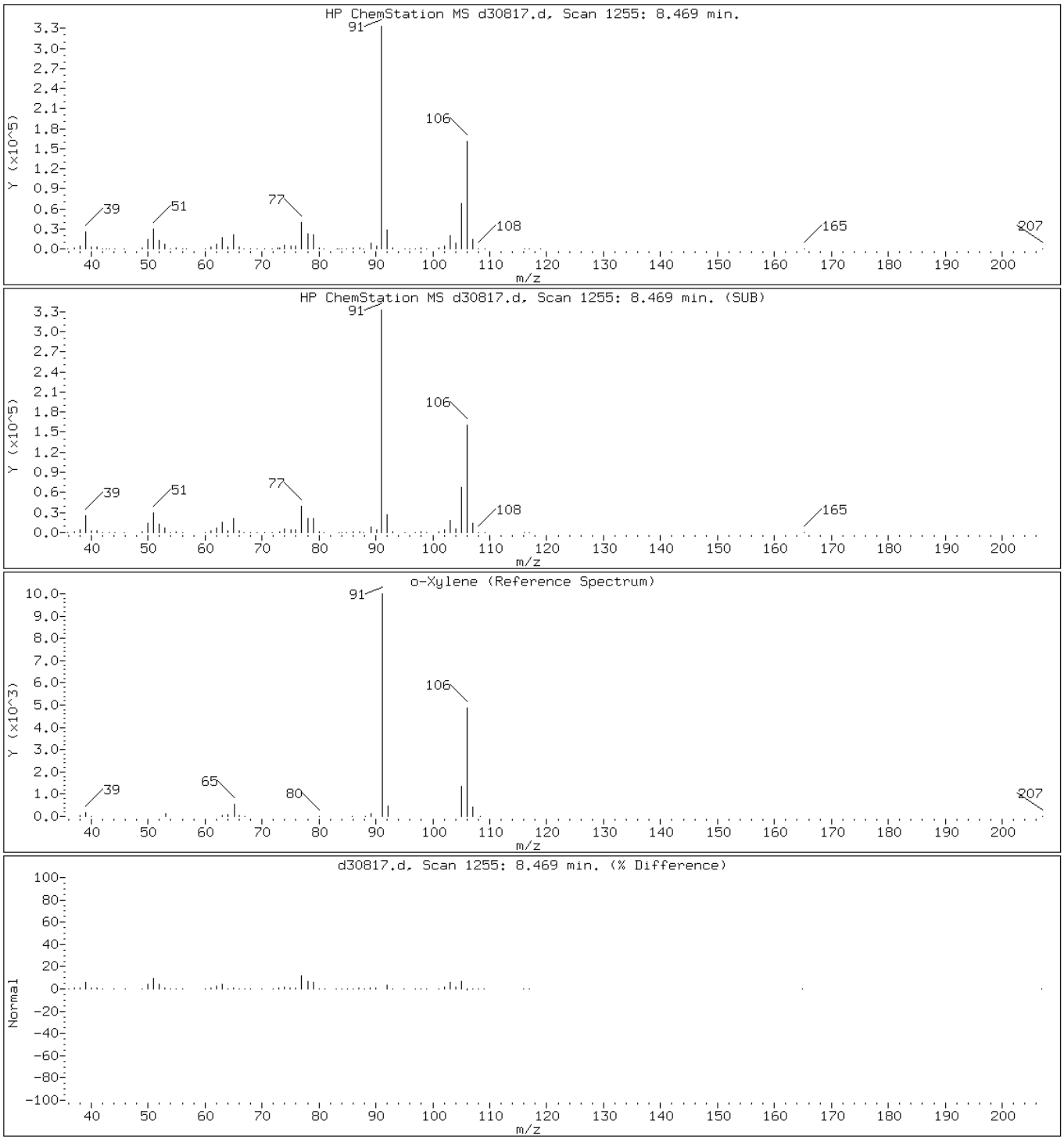
Data File: d30817.d

Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

44 o-Xylene



Data File: d30817.d

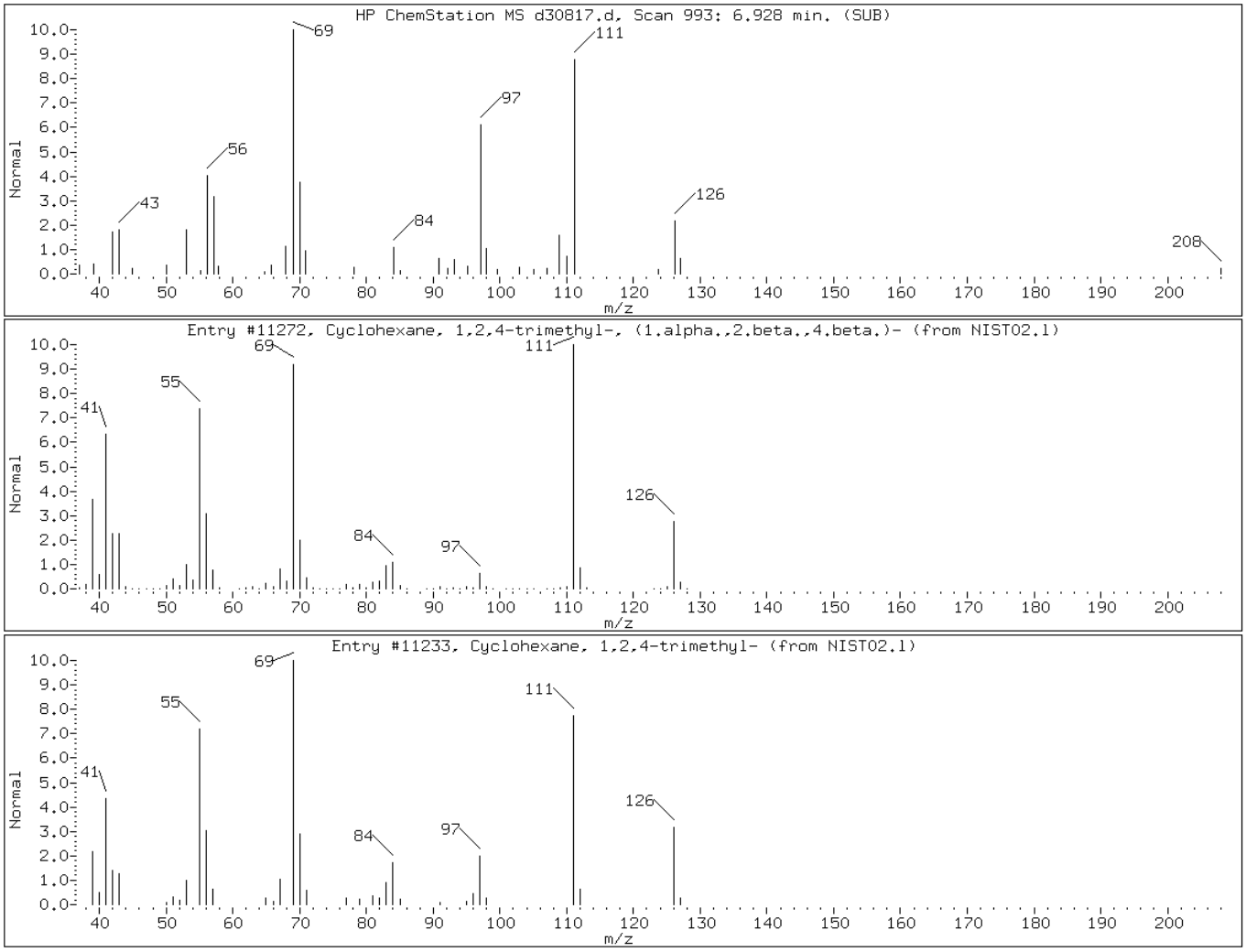
Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

Retention Time: 6.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane						
Cyclohexane, 1,2,4-trimethyl-, (1.	7667-60-9	NIST02.l	11272	58	C9H18	126
Cyclohexane, 1,2,4-trimethyl-	2234-75-5	NIST02.l	11233	53	C9H18	126



Data File: d30817.d

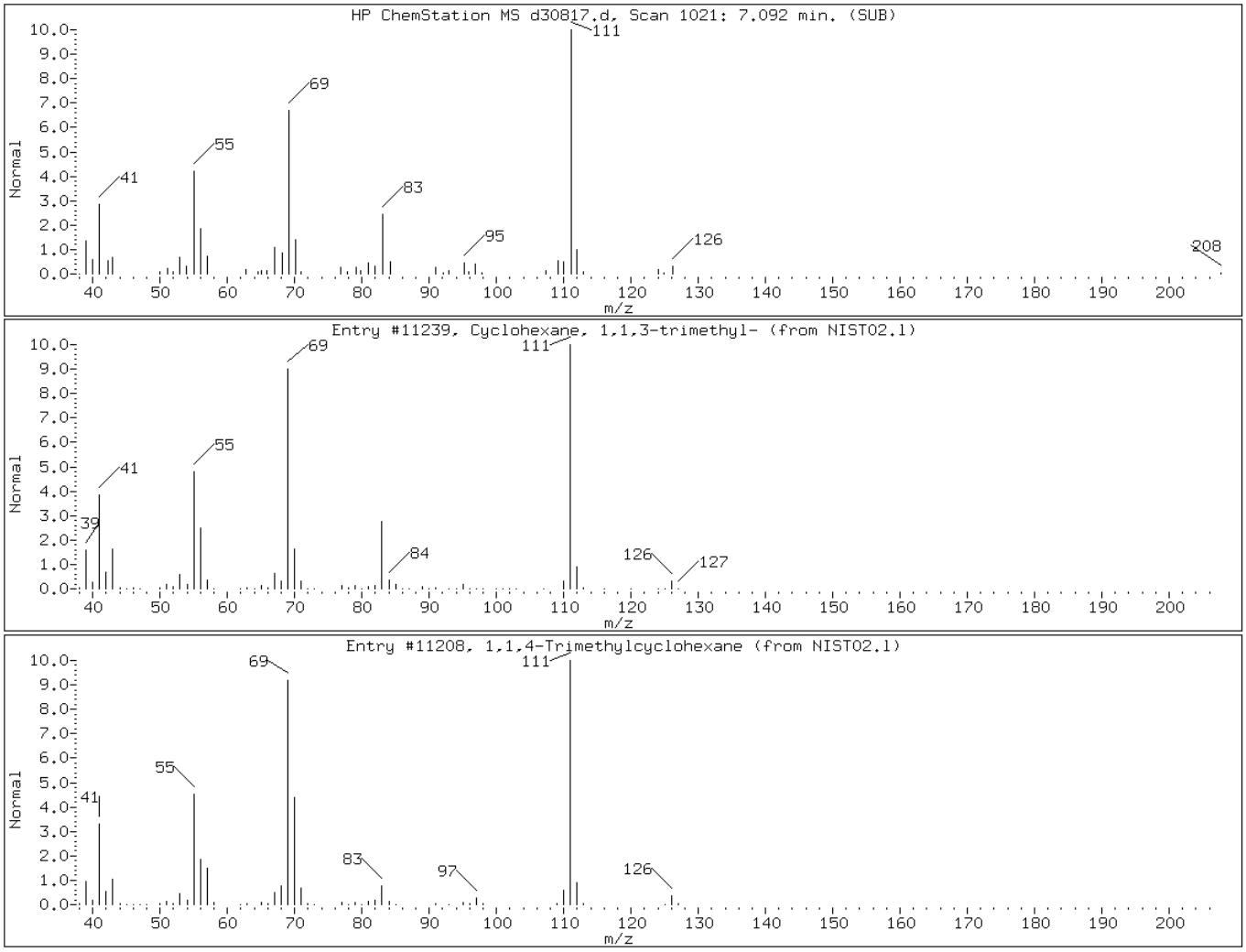
Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

Retention Time: 7.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane-1						
Cyclohexane, 1,1,3-trimethyl-	3073-66-3	NIST02.l	11239	90	C9H18	126
1,1,4-Trimethylcyclohexane	7094-27-1	NIST02.l	11208	68	C9H18	126



Data File: d30817.d

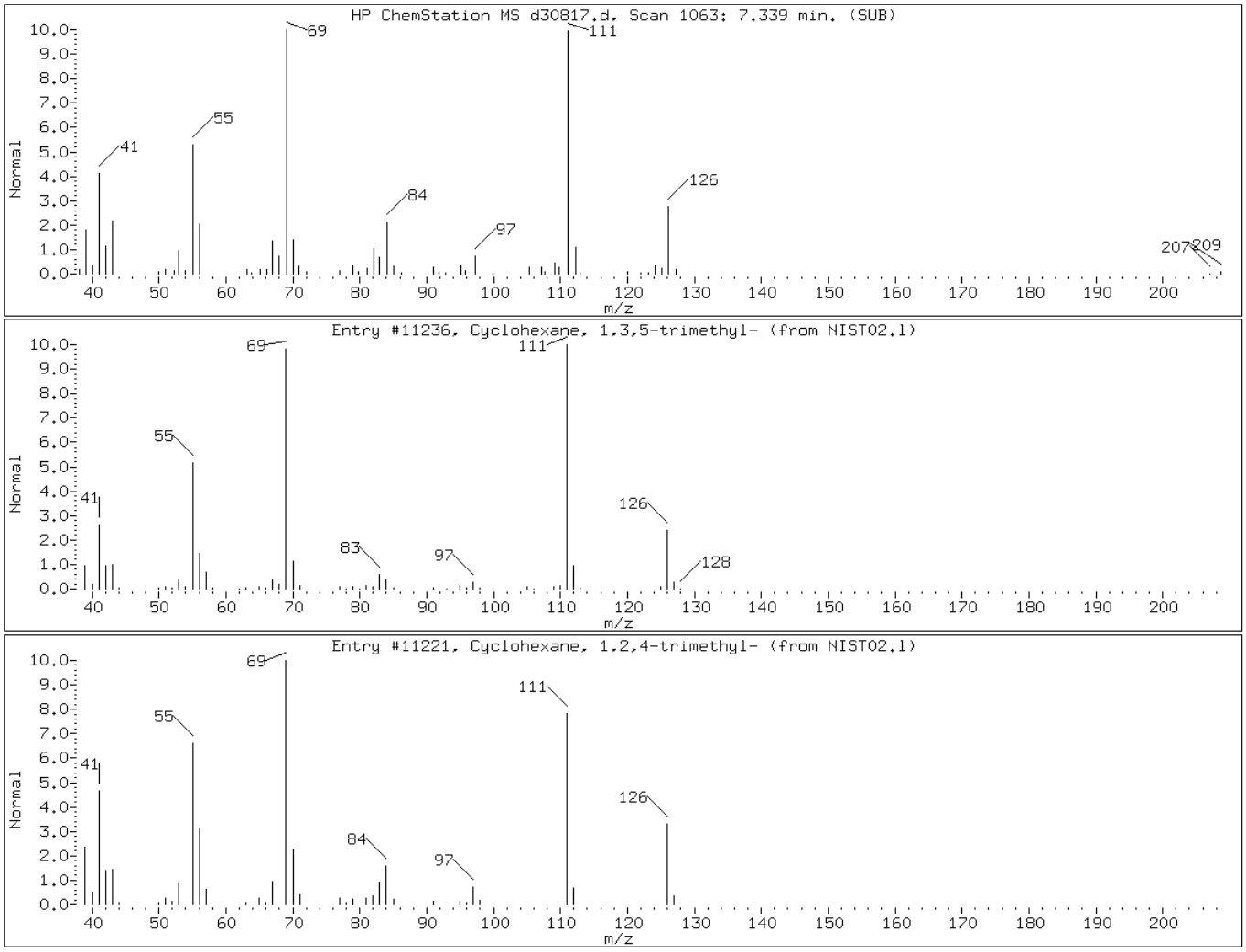
Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

Retention Time: 7.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane-2						
Cyclohexane, 1,3,5-trimethyl-	1839-63-0	NIST02.l	11236	93	C9H18	126
Cyclohexane, 1,2,4-trimethyl-	2234-75-5	NIST02.l	11221	91	C9H18	126



Data File: d30817.d

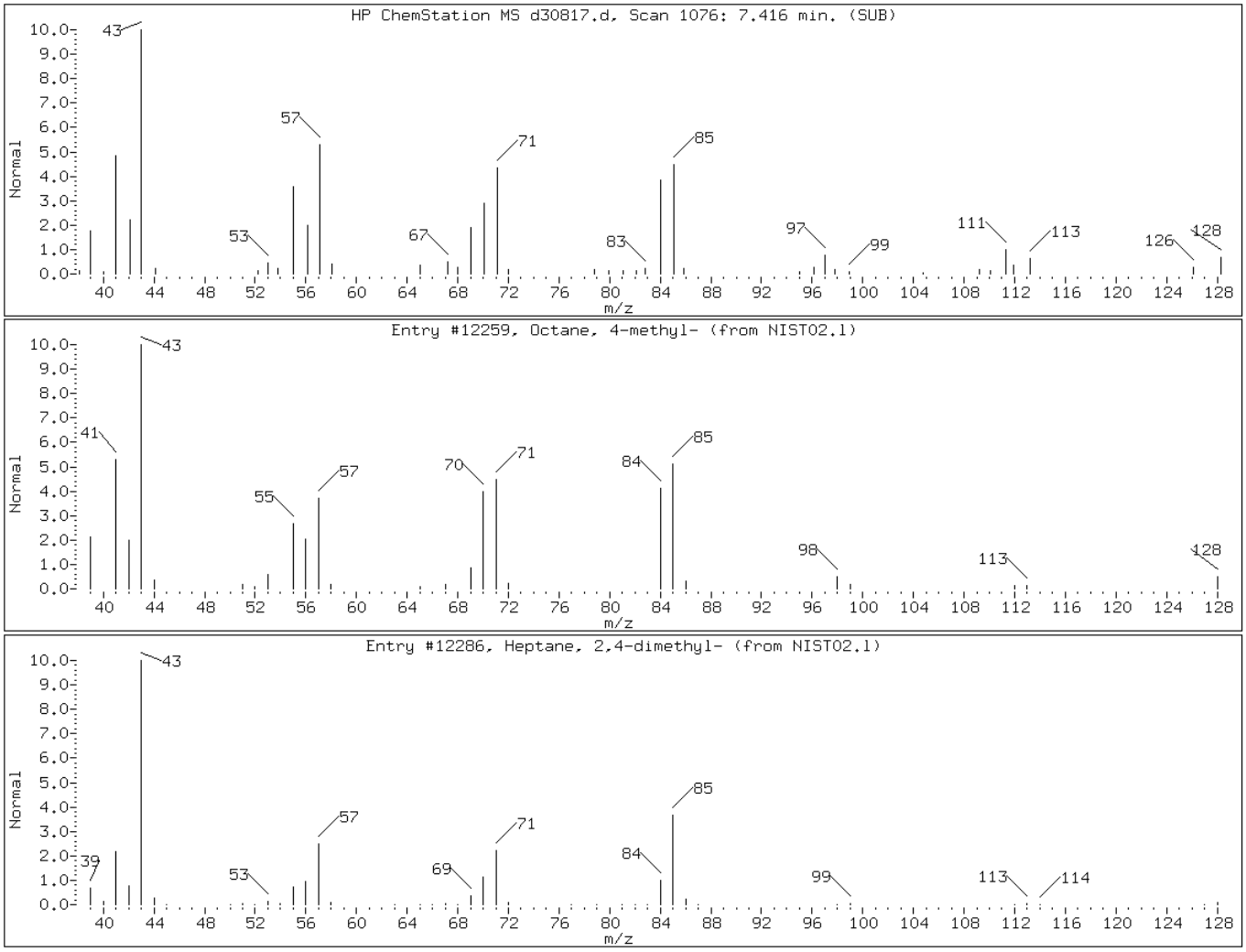
Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

Retention Time: 7.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H20 Alkane						
Octane, 4-methyl-	2216-34-4	NIST02.l	12259	87	C9H20	128
Heptane, 2,4-dimethyl-	2213-23-2	NIST02.l	12286	50	C9H20	128



Data File: d30817.d

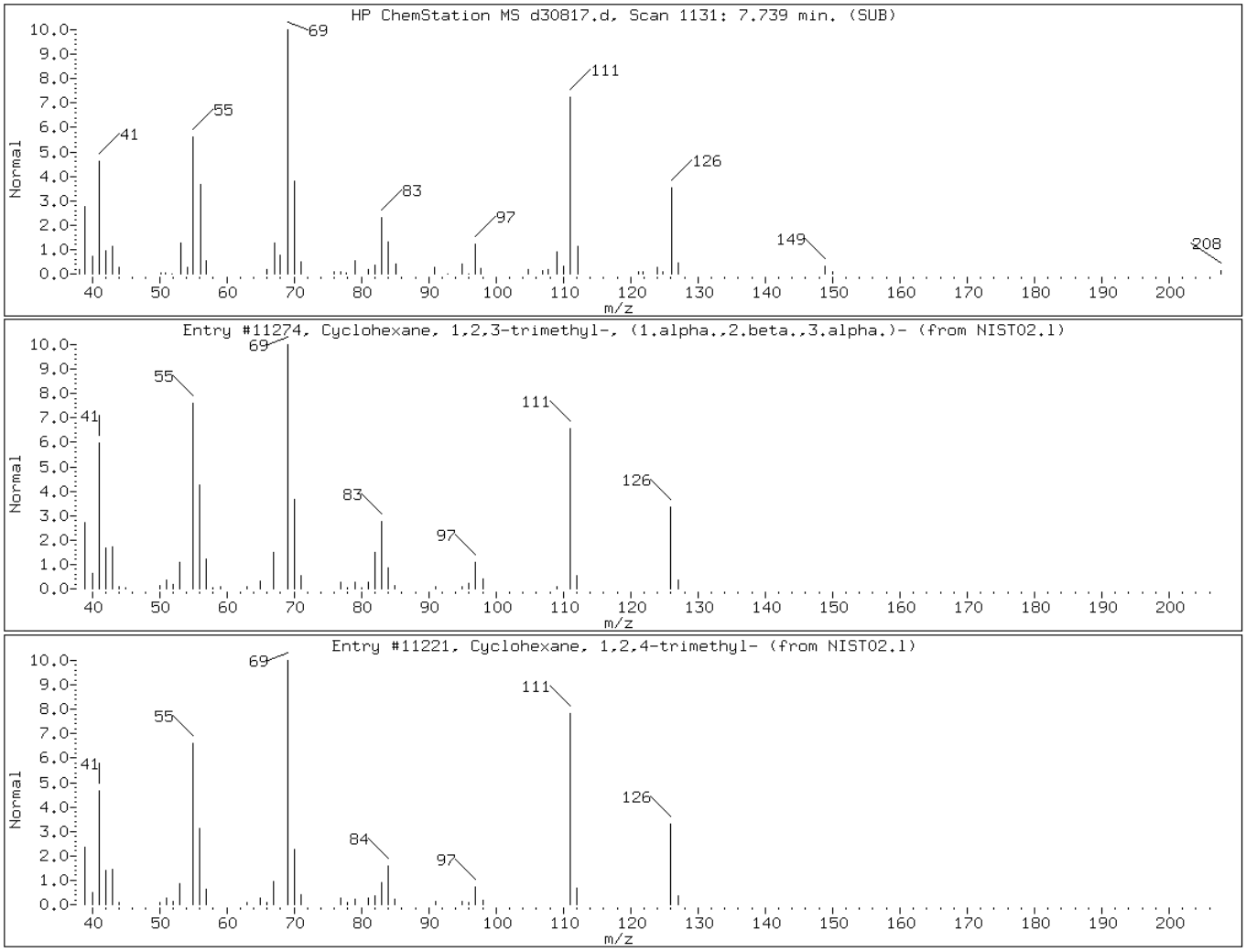
Date: 23-MAR-2013 01:36

Client ID: PMP-8-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-6-A;;;5.47;5 Operator: VOAMS 9

Retention Time: 7.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane-3						
Cyclohexane, 1,2,3-trimethyl-, (1.	1678-81-5	NIST02.l	11274	94	C9H18	126
Cyclohexane, 1,2,4-trimethyl-	2234-75-5	NIST02.l	11221	90	C9H18	126



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD | Lab Sample ID: 460-52450-7

Matrix: Solid | Lab File ID: d30837.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:35

Sample wt/vol: 5.46(g) | Date Analyzed: 03/23/2013 09:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.94	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.94	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.94	0.13
75-34-3	1,1-Dichloroethane	0.10	U	0.94	0.10
75-35-4	1,1-Dichloroethene	0.18	U	0.94	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.94	0.15
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.94	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.94	0.42
106-93-4	1,2-Dibromoethane	0.14	U	0.94	0.14
95-50-1	1,2-Dichlorobenzene	0.094	U	0.94	0.094
107-06-2	1,2-Dichloroethane	0.17	U	0.94	0.17
78-87-5	1,2-Dichloropropane	0.14	U	0.94	0.14
541-73-1	1,3-Dichlorobenzene	0.15	U	0.94	0.15
106-46-7	1,4-Dichlorobenzene	0.10	U	0.94	0.10
123-91-1	1,4-Dioxane	12	U	47	12
78-93-3	2-Butanone	0.59	U	9.4	0.59
591-78-6	2-Hexanone	0.12	U	9.4	0.12
108-10-1	4-Methyl-2-pentanone	0.19	U	9.4	0.19
67-64-1	Acetone	4.3	J B	9.4	1.6
71-43-2	Benzene	0.14	U	0.94	0.14
74-97-5	Bromochloromethane	0.10	U	0.94	0.10
75-27-4	Bromodichloromethane	0.30	U	0.94	0.30
75-25-2	Bromoform	0.16	U	0.94	0.16
74-83-9	Bromomethane	0.41	U	0.94	0.41
75-15-0	Carbon disulfide	0.14	U	0.94	0.14
56-23-5	Carbon tetrachloride	0.14	U	0.94	0.14
108-90-7	Chlorobenzene	0.17	U	0.94	0.17
75-00-3	Chloroethane	0.31	U	0.94	0.31
67-66-3	Chloroform	0.27	J	0.94	0.23
74-87-3	Chloromethane	0.15	U	0.94	0.15
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.94	0.10
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.94	0.13
110-82-7	Cyclohexane	0.12	U	0.94	0.12
124-48-1	Dibromochloromethane	0.094	U	0.94	0.094
75-71-8	Dichlorodifluoromethane	0.21	U	0.94	0.21
100-41-4	Ethylbenzene	0.16	U	0.94	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD Lab Sample ID: 460-52450-7

Matrix: Solid Lab File ID: d30837.d

Analysis Method: 8260B Date Collected: 03/14/2013 10:35

Sample wt/vol: 5.46(g) Date Analyzed: 03/23/2013 09:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.0 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.10	U	0.94	0.10
98-82-8	Isopropylbenzene	0.10	U	0.94	0.10
79-20-9	Methyl acetate	0.30	U	0.94	0.30
108-87-2	Methylcyclohexane	0.094	U	0.94	0.094
75-09-2	Methylene Chloride	0.75	J B	0.94	0.14
1634-04-4	MTBE	0.10	U	0.94	0.10
100-42-5	Styrene	0.26	U	0.94	0.26
127-18-4	Tetrachloroethene	0.11	U	0.94	0.11
108-88-3	Toluene	0.13	U	0.94	0.13
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.94	0.12
10061-02-6	trans-1,3-Dichloropropene	0.094	U	0.94	0.094
79-01-6	Trichloroethene	0.11	U	0.94	0.11
75-69-4	Trichlorofluoromethane	0.15	U	0.94	0.15
75-01-4	Vinyl chloride	0.32	U	0.94	0.32
1330-20-7	Xylenes, Total	0.63	U	2.8	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD Lab Sample ID: 460-52450-7

Matrix: Solid Lab File ID: d30837.d

Analysis Method: 8260B Date Collected: 03/14/2013 10:35

Sample wt/vol: 5.46(g) Date Analyzed: 03/23/2013 09:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.0 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30837.d
Report Date: 25-Mar-2013 00:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30837.d
Lab Smp Id: 460-52450-E-7-A Client Smp ID: PMP-8-NE-VD
Inj Date : 23-MAR-2013 09:19
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-E-7-A;;;5.46;5
Misc Info : 460-52450-E-7-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.46000	Weight of sample extracted (g)
M	2.96846	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.475	2.469	(0.544)	2592	0.79416	0.75(a)
	7 Acetone	43	2.516	2.522	(0.554)	4927	4.53168	4.3(a)
	15 Chloroform	83	3.675	3.675	(0.808)	1892	0.29079	0.27(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.943)	91615	51.9089	49
*	69 Fluorobenzene	96	4.545	4.545	(1.000)	424587	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	376391	53.1872	50
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	276513	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	165792	53.1757	50
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	150755	50.0000	

QC Flag Legend

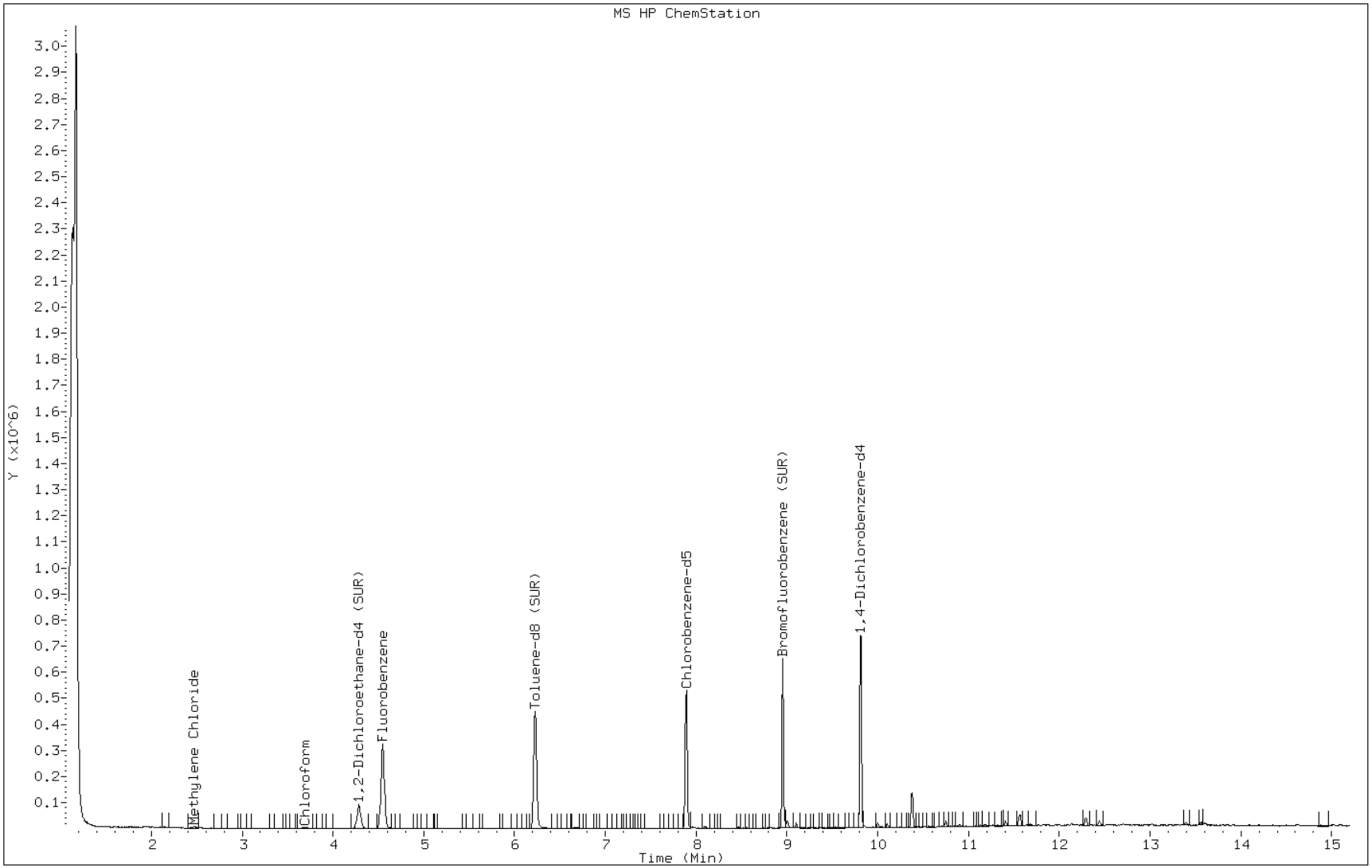
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30837.d

Date: 23-MAR-2013 09:19

Client ID: PMP-8-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-7-A;;;5.46;5 Operator: VOAMS 9



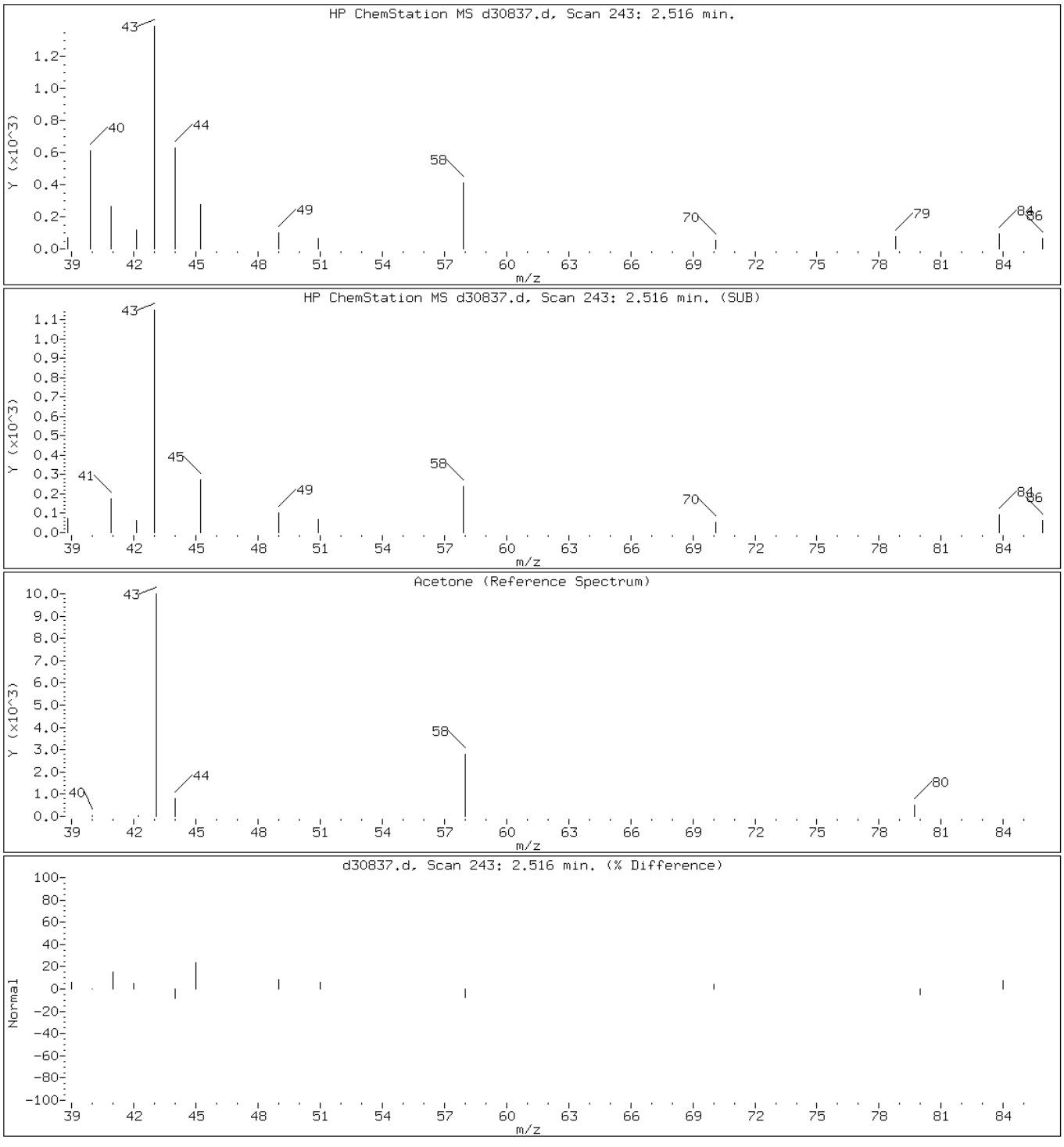
Data File: d30837.d

Date: 23-MAR-2013 09:19

Client ID: PMP-8-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-7-A;;;5.46;5 Operator: VOAMS 9

7 Acetone



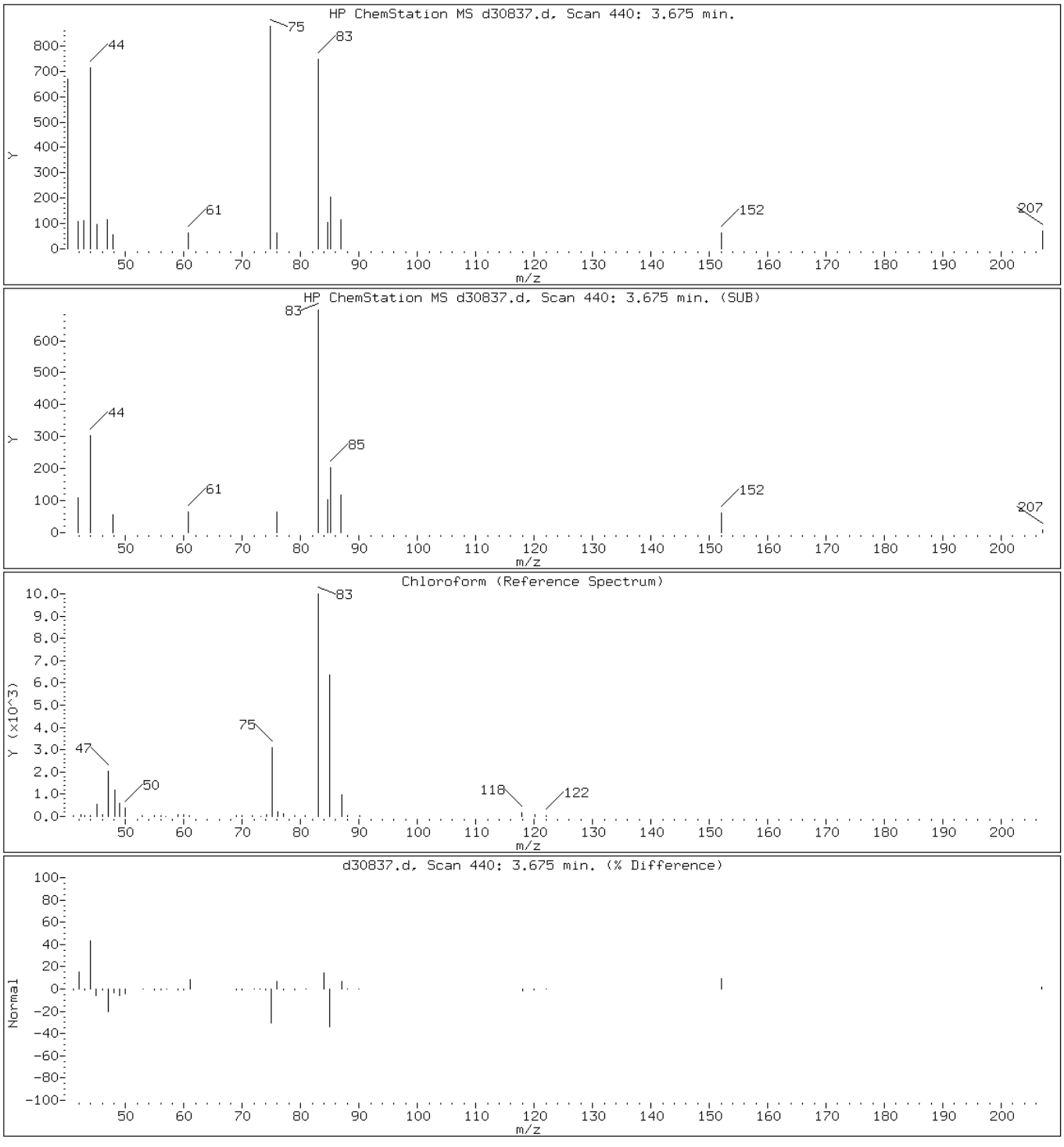
Data File: d30837.d

Date: 23-MAR-2013 09:19

Client ID: PMP-8-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-7-A;;;5.46;5 Operator: VOAMS 9

15 Chloroform



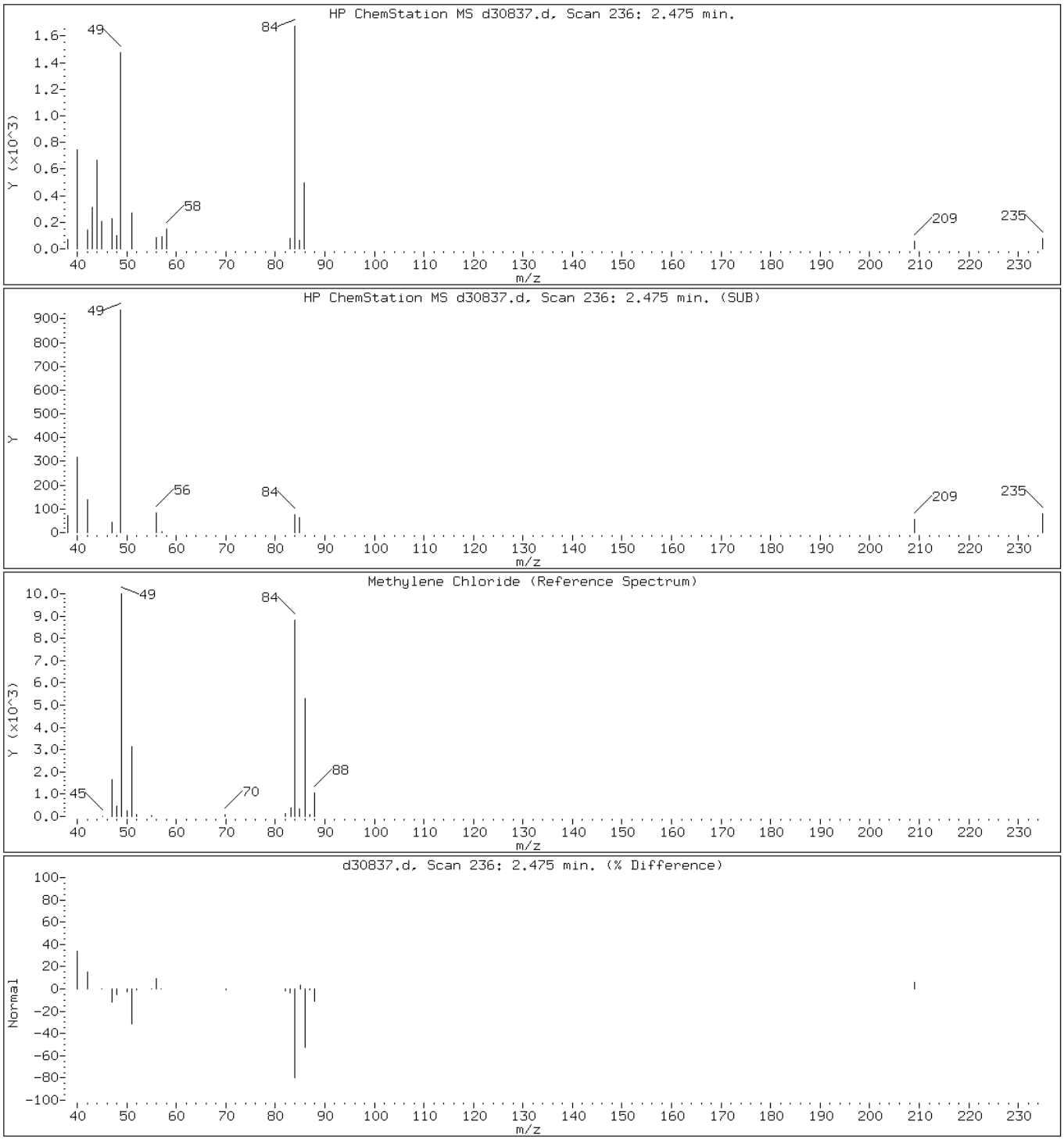
Data File: d30837.d

Date: 23-MAR-2013 09:19

Client ID: PMP-8-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-7-A;;;5.46;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT | Lab Sample ID: 460-52450-8

Matrix: Solid | Lab File ID: d30819.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:40

Sample wt/vol: 5.07(g) | Date Analyzed: 03/23/2013 02:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.31	J	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.0	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
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
123-91-1	1,4-Dioxane	13	U	51	13
78-93-3	2-Butanone	0.65	U *	10	0.65
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
67-64-1	Acetone	1.9	J B	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33
75-25-2	Bromoform	0.18	U	1.0	0.18
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
75-00-3	Chloroethane	0.34	U	1.0	0.34
67-66-3	Chloroform	1.1		1.0	0.25
74-87-3	Chloromethane	0.16	U	1.0	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.13	U *	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
100-41-4	Ethylbenzene	0.18	U	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT | Lab Sample ID: 460-52450-8

Matrix: Solid | Lab File ID: d30819.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:40

Sample wt/vol: 5.07(g) | Date Analyzed: 03/23/2013 02:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
75-09-2	Methylene Chloride	0.44	J B	1.0	0.15
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.29	U	1.0	0.29
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	70		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT Lab Sample ID: 460-52450-8

Matrix: Solid Lab File ID: d30819.d

Analysis Method: 8260B Date Collected: 03/14/2013 10:40

Sample wt/vol: 5.07(g) Date Analyzed: 03/23/2013 02:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30819.d
Report Date: 25-Mar-2013 14:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30819.d
Lab Smp Id: 460-52450-D-8-A Client Smp ID: PMP-8-NE-WT
Inj Date : 23-MAR-2013 02:22
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-8-A;;;5.07;5
Misc Info : 460-52450-D-8-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 13
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	5.07000	Weight of sample extracted (g)
M	4.23280	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.469	2.457	(0.542)	1937	0.42983	0.44(a)
	7 Acetone	43	2.528	2.510	(0.555)	2842	1.88028	1.9(a)
	15 Chloroform	83	3.681	3.675	(0.809)	9300	1.03496	1.1
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	122570	50.2808	52
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	586444	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	349625	53.1273	55
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	257139	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	141042	35.0678	36
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	194474	50.0000	
	98 1,2,3-Trichlorobenzene	180	11.539	11.545	(1.176)	2286	0.29867	0.31(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30819.d
Report Date: 25-Mar-2013 14:20

QC Flag Legend

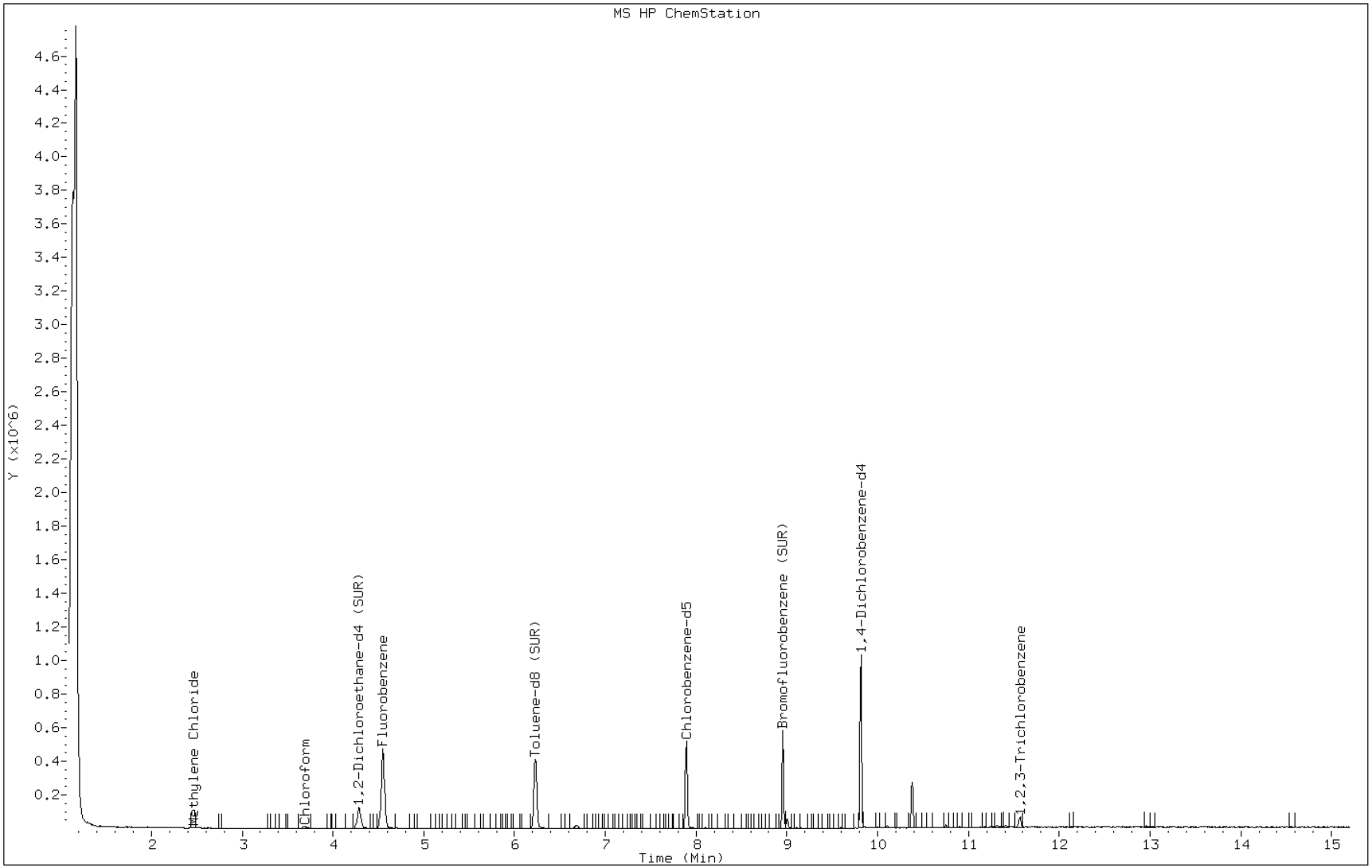
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30819.d

Date: 23-MAR-2013 02:22

Client ID: PMP-8-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-8-A;;;5.07;5 Operator: VOAMS 9



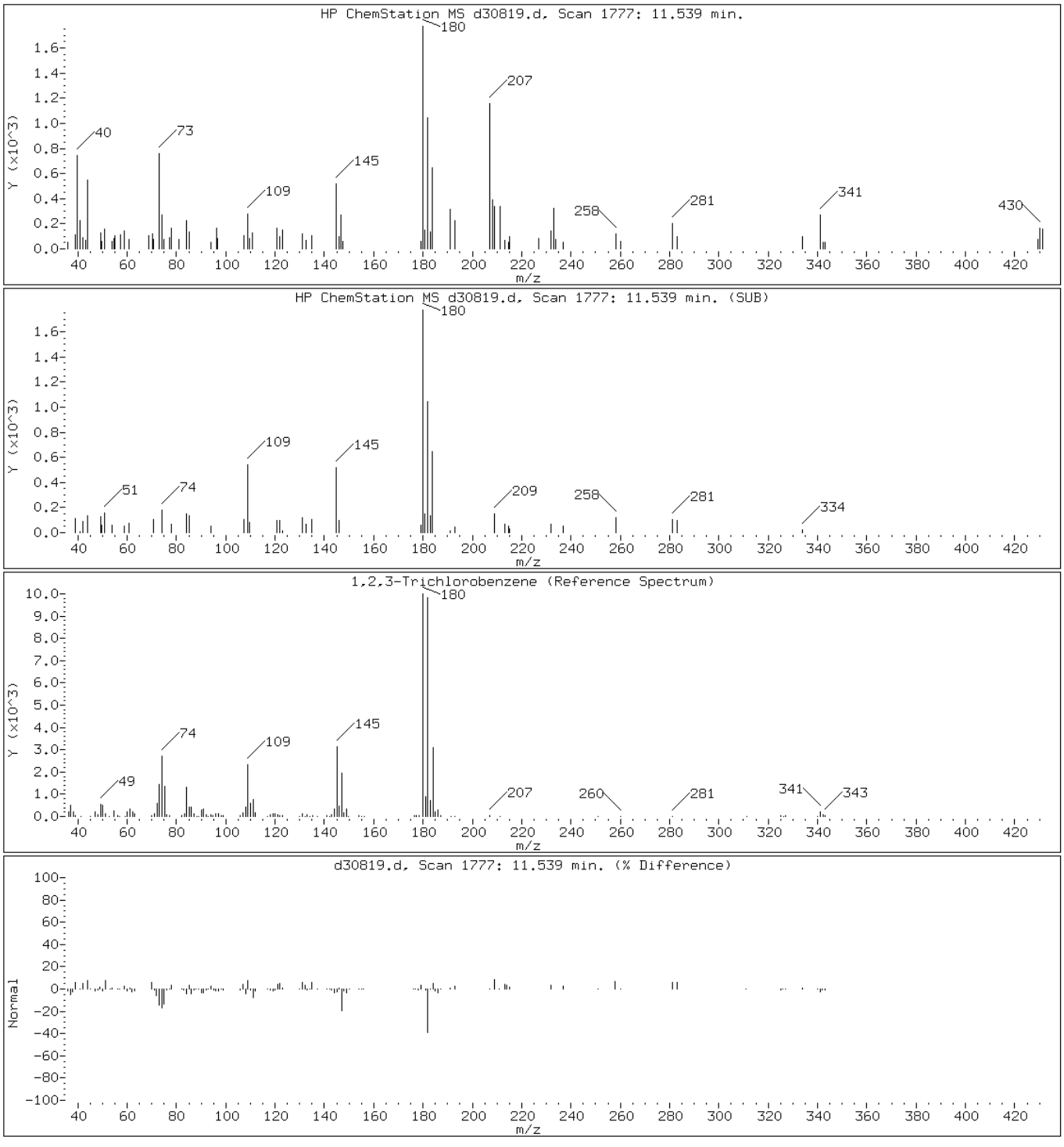
Data File: d30819.d

Date: 23-MAR-2013 02:22

Client ID: PMP-8-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-8-A;;;5.07;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



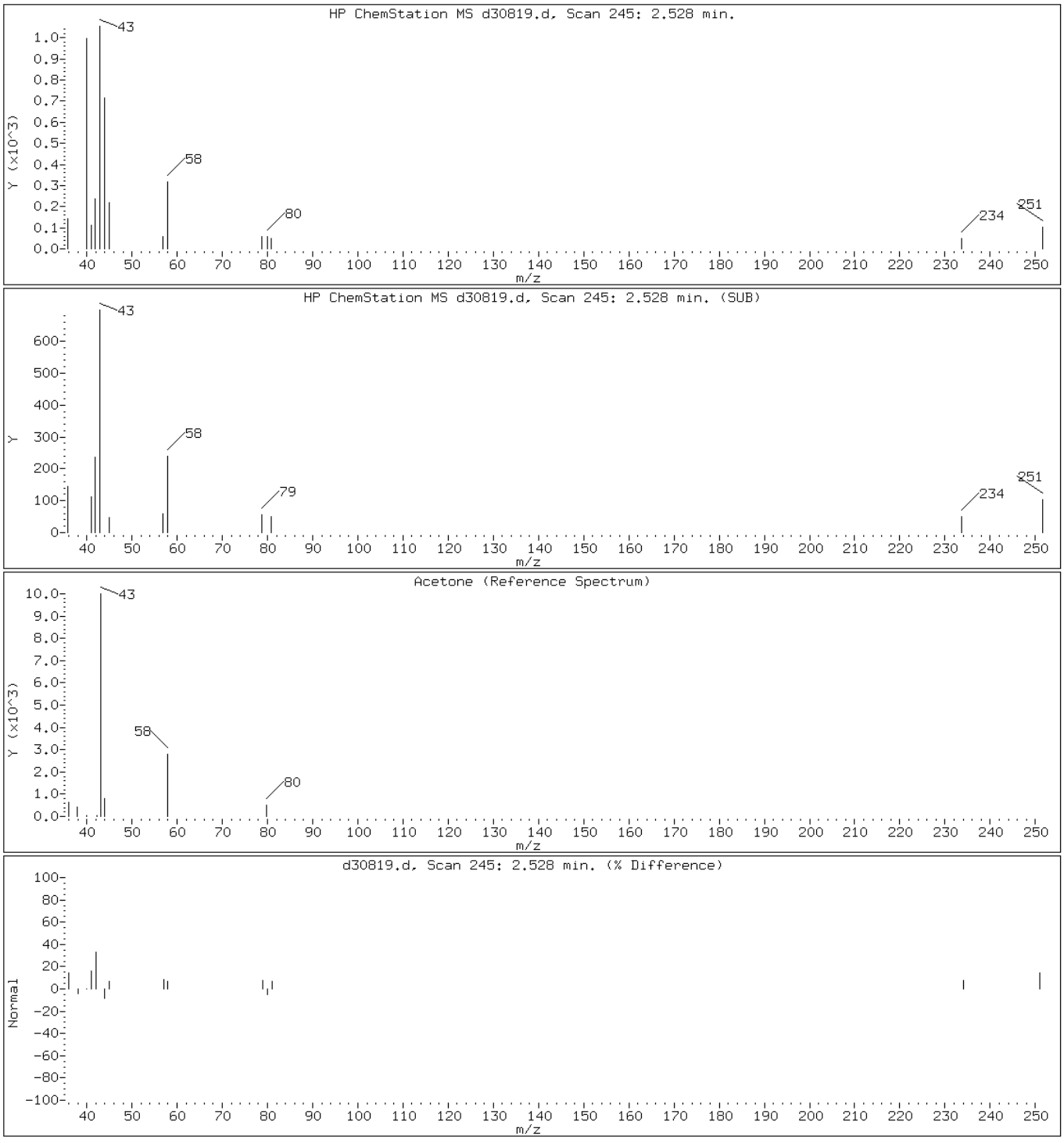
Data File: d30819.d

Date: 23-MAR-2013 02:22

Client ID: PMP-8-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-8-A;;;5.07;5 Operator: VOAMS 9

7 Acetone



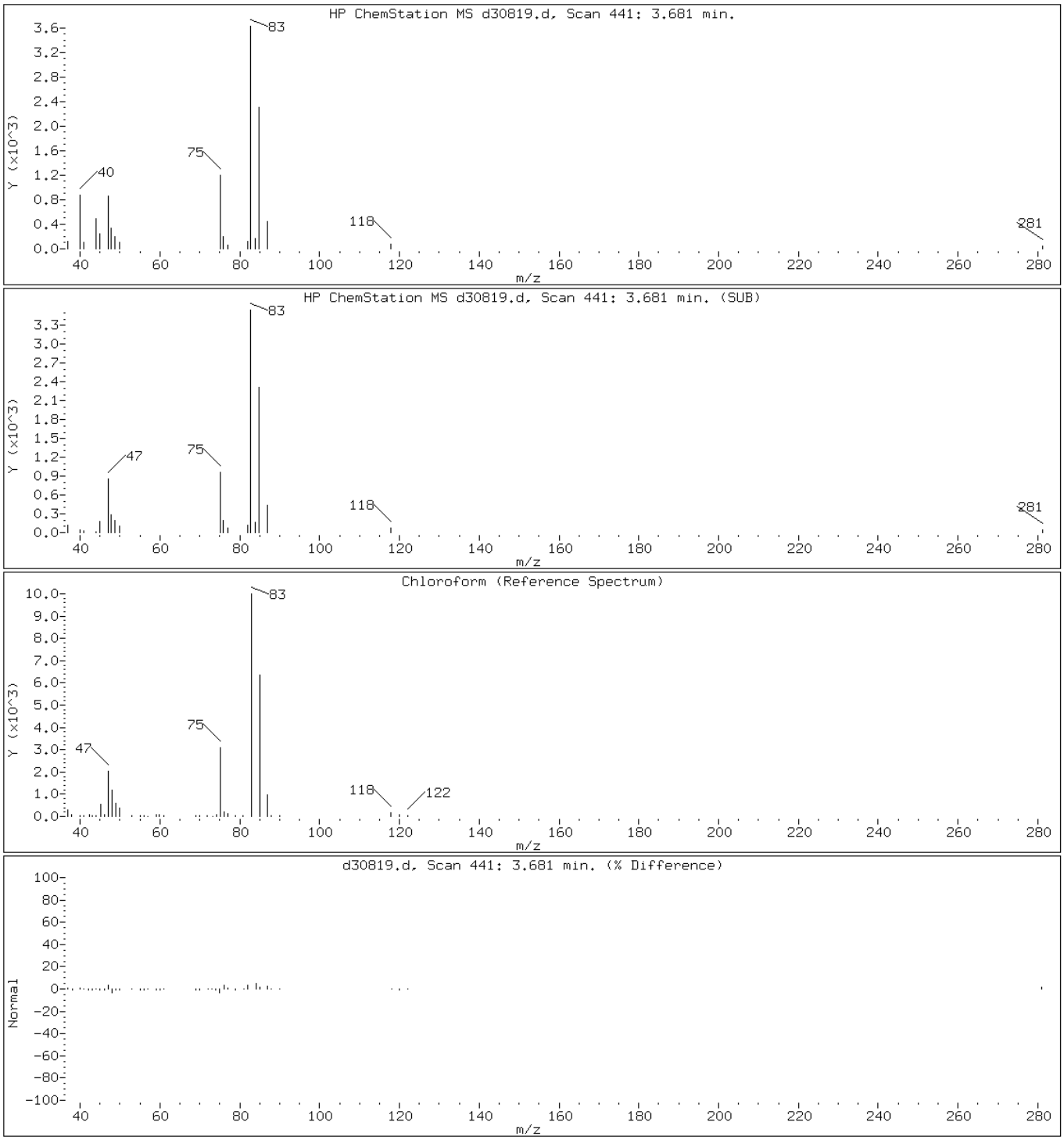
Data File: d30819.d

Date: 23-MAR-2013 02:22

Client ID: PMP-8-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-8-A;;;5.07;5 Operator: VOAMS 9

15 Chloroform



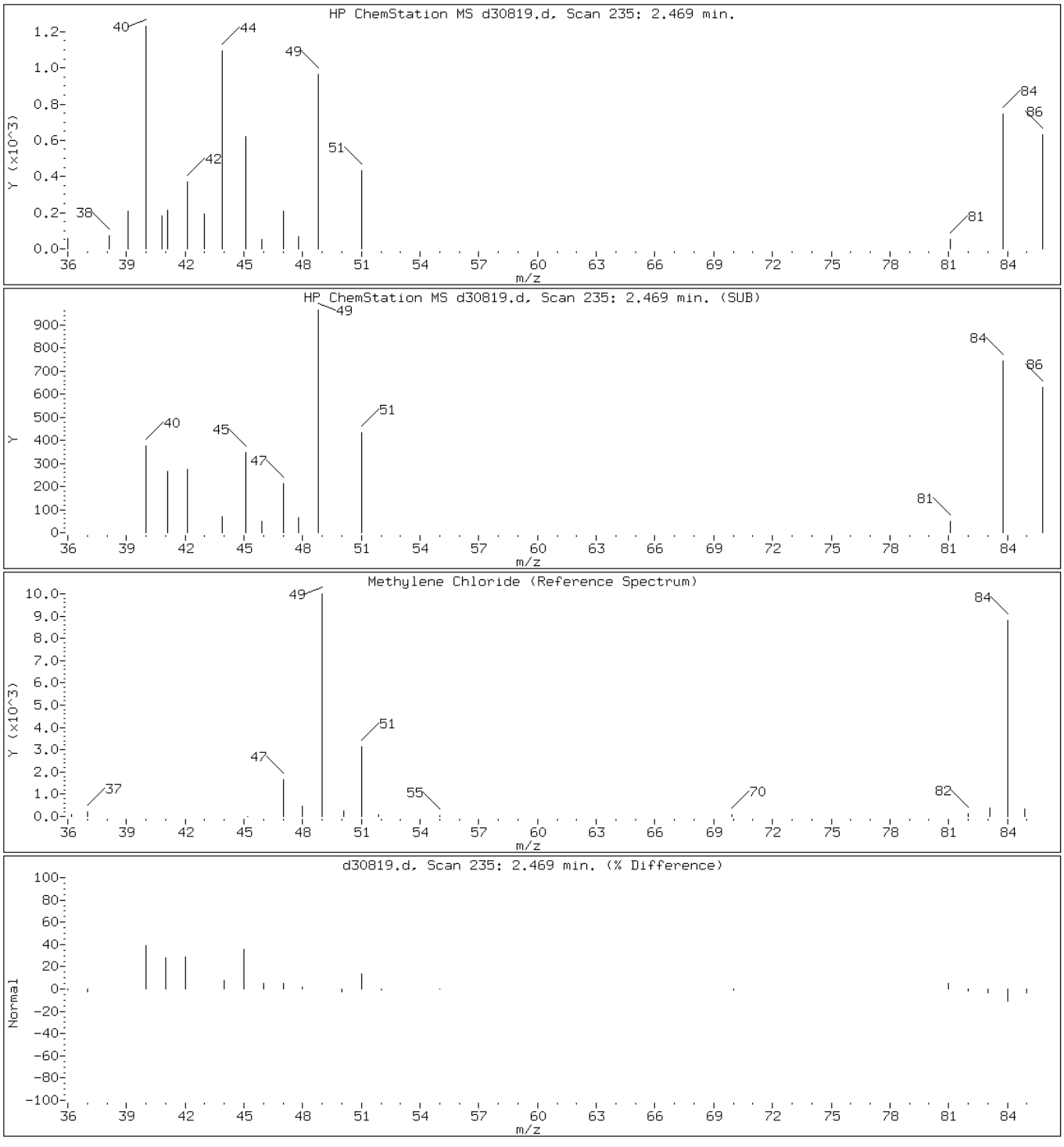
Data File: d30819.d

Date: 23-MAR-2013 02:22

Client ID: PMP-8-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-8-A;;;5.07;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS | Lab Sample ID: 460-52450-9

Matrix: Solid | Lab File ID: d30802.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:50

Sample wt/vol: 5.85(g) | Date Analyzed: 03/22/2013 17:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.7 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.93	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.083	U	0.93	0.083
79-00-5	1,1,2-Trichloroethane	0.13	U	0.93	0.13
75-34-3	1,1-Dichloroethane	0.10	U	0.93	0.10
75-35-4	1,1-Dichloroethene	0.18	U	0.93	0.18
87-61-6	1,2,3-Trichlorobenzene	0.45	J	0.93	0.15
120-82-1	1,2,4-Trichlorobenzene	0.79	J	0.93	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.93	0.41
106-93-4	1,2-Dibromoethane	0.14	U	0.93	0.14
95-50-1	1,2-Dichlorobenzene	0.098	J	0.93	0.093
107-06-2	1,2-Dichloroethane	0.17	U	0.93	0.17
78-87-5	1,2-Dichloropropane	0.14	U	0.93	0.14
541-73-1	1,3-Dichlorobenzene	0.15	U	0.93	0.15
106-46-7	1,4-Dichlorobenzene	0.11	J	0.93	0.10
123-91-1	1,4-Dioxane	12	U	46	12
78-93-3	2-Butanone	0.58	U	9.3	0.58
591-78-6	2-Hexanone	0.12	U *	9.3	0.12
108-10-1	4-Methyl-2-pentanone	0.19	U	9.3	0.19
67-64-1	Acetone	3.4	J B	9.3	1.6
71-43-2	Benzene	0.14	U	0.93	0.14
74-97-5	Bromochloromethane	0.10	U	0.93	0.10
75-27-4	Bromodichloromethane	0.30	U	0.93	0.30
75-25-2	Bromoform	0.16	U	0.93	0.16
74-83-9	Bromomethane	0.40	U	0.93	0.40
75-15-0	Carbon disulfide	0.14	U	0.93	0.14
56-23-5	Carbon tetrachloride	0.14	U	0.93	0.14
108-90-7	Chlorobenzene	0.17	U	0.93	0.17
75-00-3	Chloroethane	0.31	U	0.93	0.31
67-66-3	Chloroform	0.22	U	0.93	0.22
74-87-3	Chloromethane	0.15	U	0.93	0.15
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.93	0.10
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.93	0.13
110-82-7	Cyclohexane	0.12	U	0.93	0.12
124-48-1	Dibromochloromethane	0.093	U	0.93	0.093
75-71-8	Dichlorodifluoromethane	0.20	U	0.93	0.20
100-41-4	Ethylbenzene	0.16	U	0.93	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS | Lab Sample ID: 460-52450-9

Matrix: Solid | Lab File ID: d30802.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:50

Sample wt/vol: 5.85(g) | Date Analyzed: 03/22/2013 17:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.7 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.10	U	0.93	0.10
98-82-8	Isopropylbenzene	0.10	U	0.93	0.10
79-20-9	Methyl acetate	0.30	U	0.93	0.30
108-87-2	Methylcyclohexane	0.093	U	0.93	0.093
75-09-2	Methylene Chloride	0.70	J B	0.93	0.14
1634-04-4	MTBE	0.10	U	0.93	0.10
100-42-5	Styrene	0.26	U	0.93	0.26
127-18-4	Tetrachloroethene	0.11	U	0.93	0.11
108-88-3	Toluene	0.13	U	0.93	0.13
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.93	0.12
10061-02-6	trans-1,3-Dichloropropene	0.093	U	0.93	0.093
79-01-6	Trichloroethene	0.34	J	0.93	0.11
75-69-4	Trichlorofluoromethane	0.15	U	0.93	0.15
75-01-4	Vinyl chloride	0.31	U	0.93	0.31
1330-20-7	Xylenes, Total	0.62	U	2.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS | Lab Sample ID: 460-52450-9

Matrix: Solid | Lab File ID: d30802.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:50

Sample wt/vol: 5.85(g) | Date Analyzed: 03/22/2013 17:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.7 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 4.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tetrachlorobenzene isomer	12.96	4.8	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30802.d
Report Date: 22-Mar-2013 20:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30802.d
Lab Smp Id: 460-52450-D-9-A Client Smp ID: PMP-4-NE-VS
Inj Date : 22-MAR-2013 17:42
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-9-A;;;5.85;5
Misc Info : 460-52450-D-9-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 17:59 vibha Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 26
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	5.85000	Weight of sample extracted (g)
M	7.66284	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.475	2.469	(0.544)	2303	0.76102	0.70(a)
	7 Acetone	43	2.510	2.516	(0.552)	3738	3.69993	3.4(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	86673	52.9437	49
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	393834	50.0000	
	25 Trichloroethene	95	4.710	4.704	(1.035)	1352	0.36279	0.34(a)
$	37 Toluene-d8 (SUR)	98	6.228	6.222	(0.789)	307894	47.1599	44
*	32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	255101	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	136130	50.2146	46
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	131082	50.0000	
	68 1,4-Dichlorobenzene	146	9.822	9.822	(1.001)	977	0.12213	0.11(aH)
	111 n-Butylbenzene	92	10.039	10.039	(1.023)	948	0.11041	0.10(a)
	69 1,2-Dichlorobenzene	146	10.133	10.127	(1.032)	784	0.10622	0.098(a)
	93 1,2,4-Trichlorobenzene	180	11.180	11.174	(1.139)	5024	0.85425	0.79(a)
	70 Naphthalene	128	11.410	11.404	(1.162)	16374	1.79409	1.7

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30802.d
Report Date: 22-Mar-2013 20:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
98 1,2,3-Trichlorobenzene	180	11.539	11.545	(1.176)	2528	0.49016	0.45(a)

QC Flag Legend

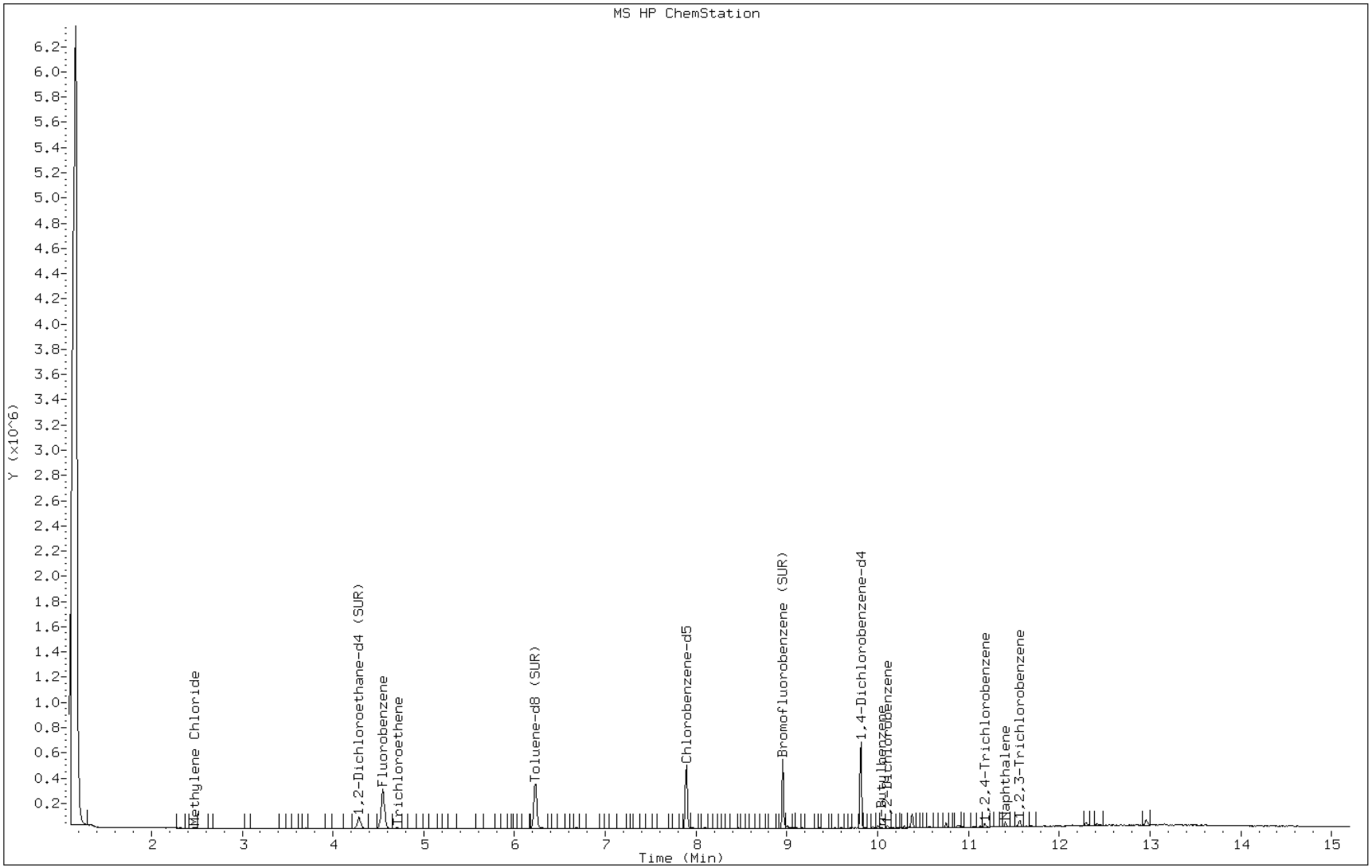
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30802.d

Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9



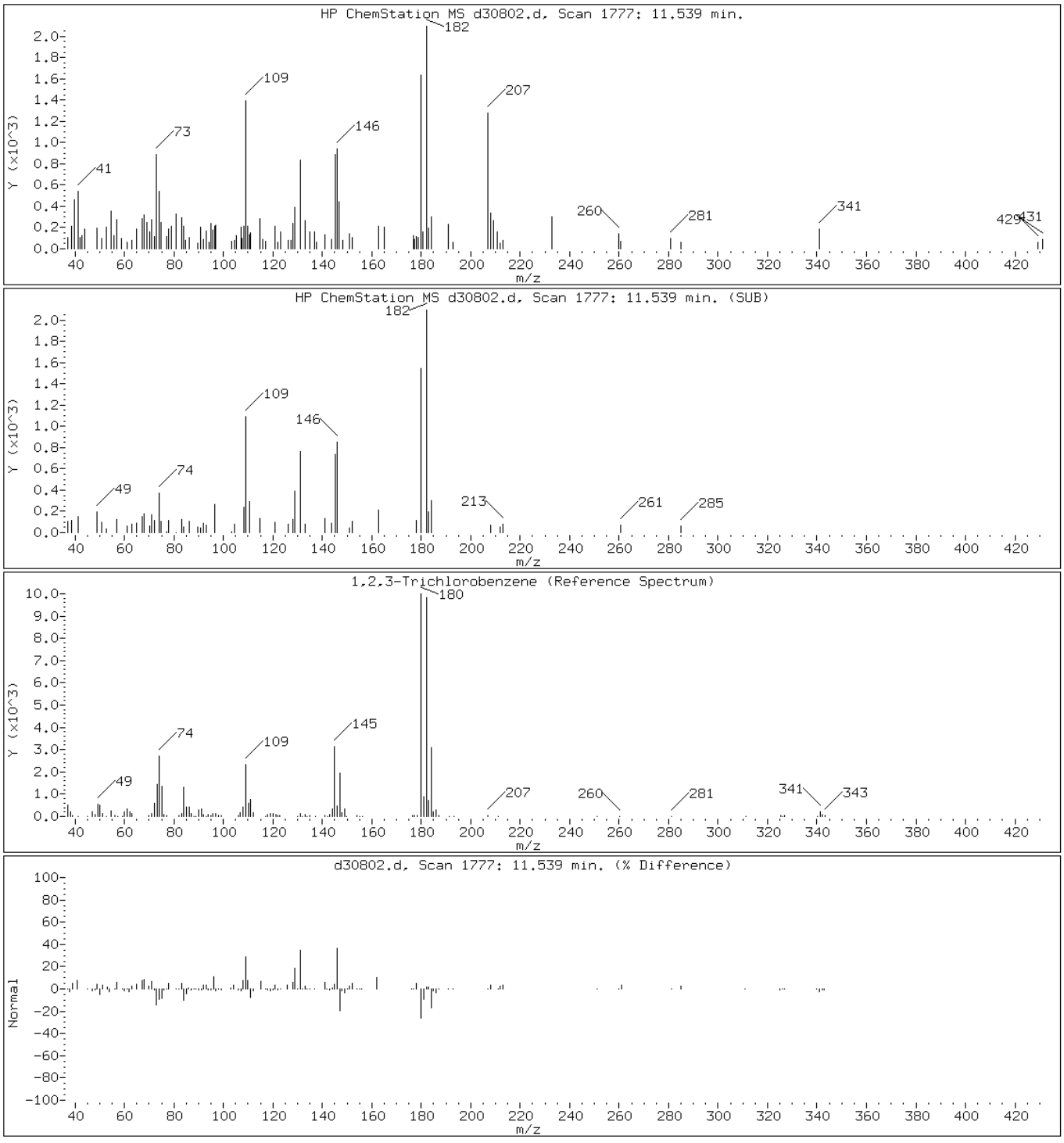
Data File: d30802.d

Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



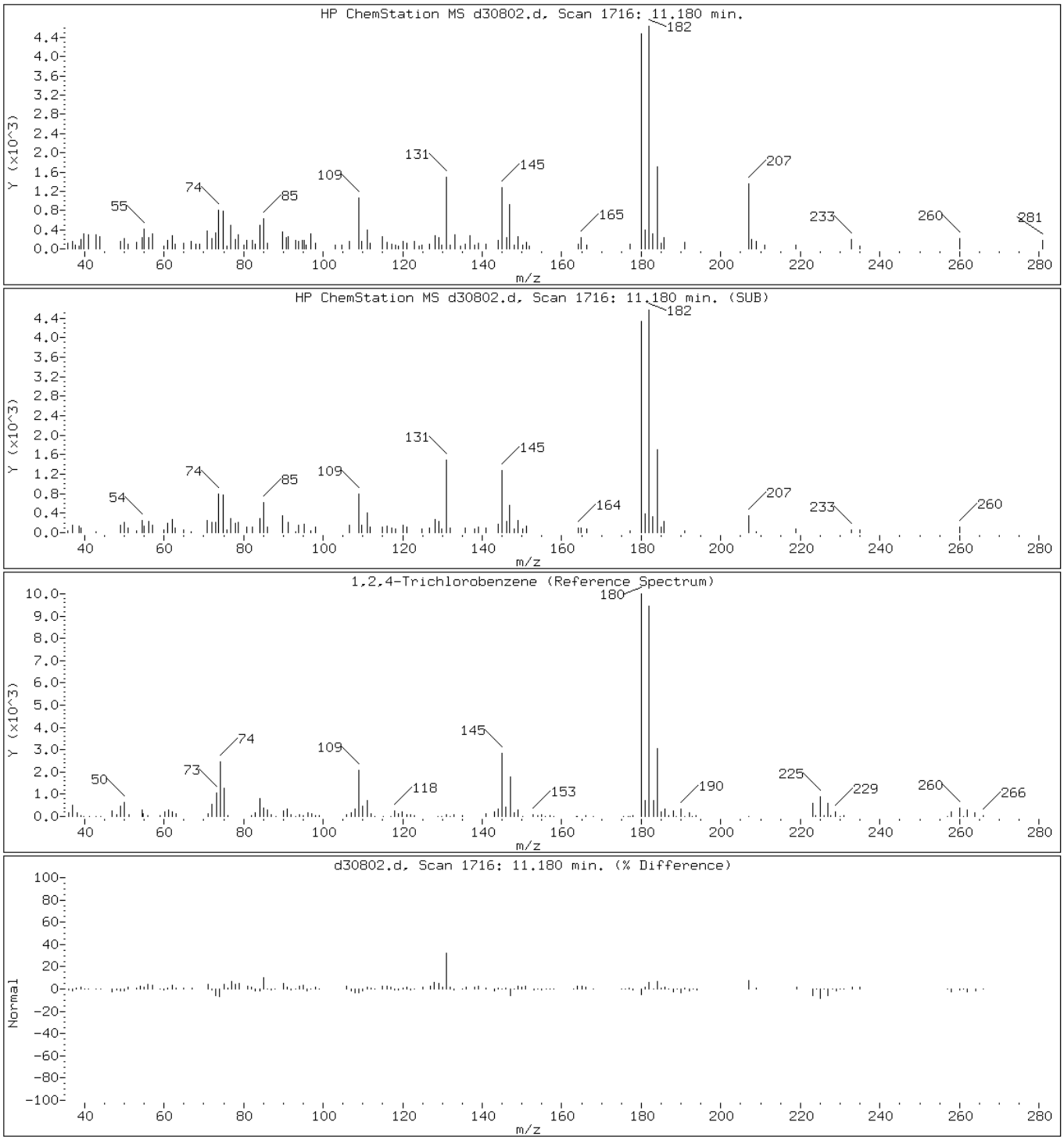
Data File: d30802.d

Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



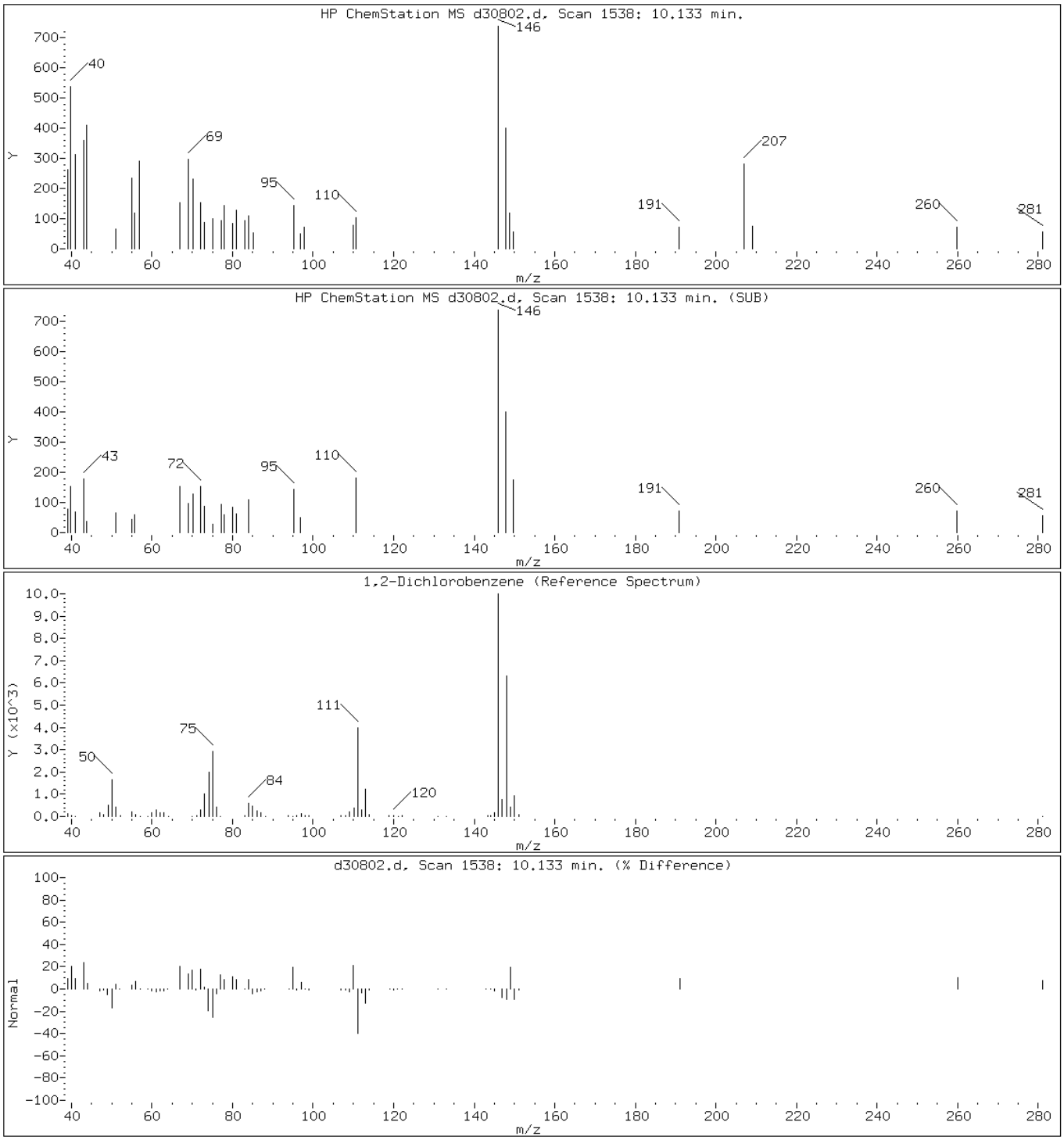
Data File: d30802.d

Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



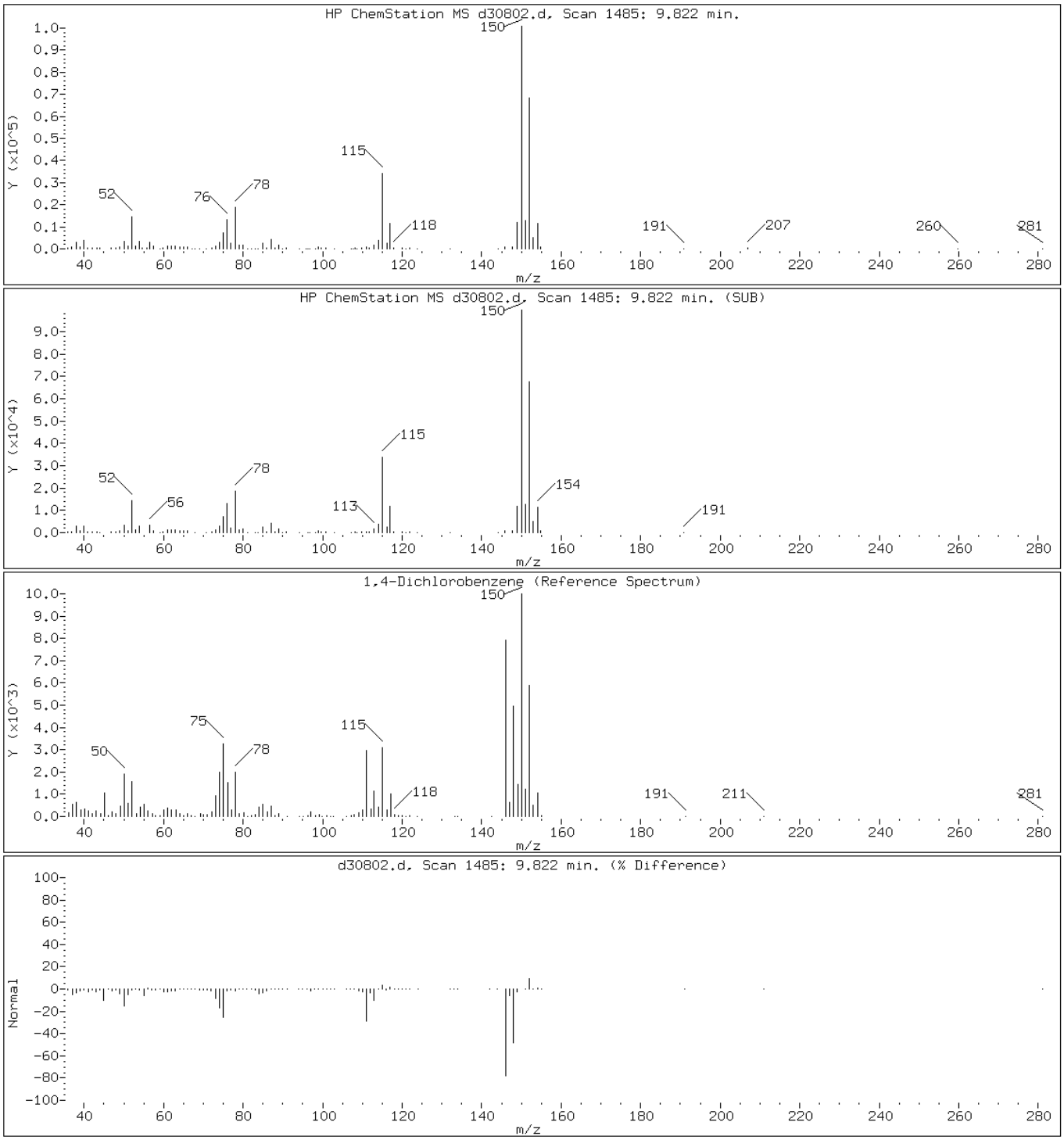
Data File: d30802.d

Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



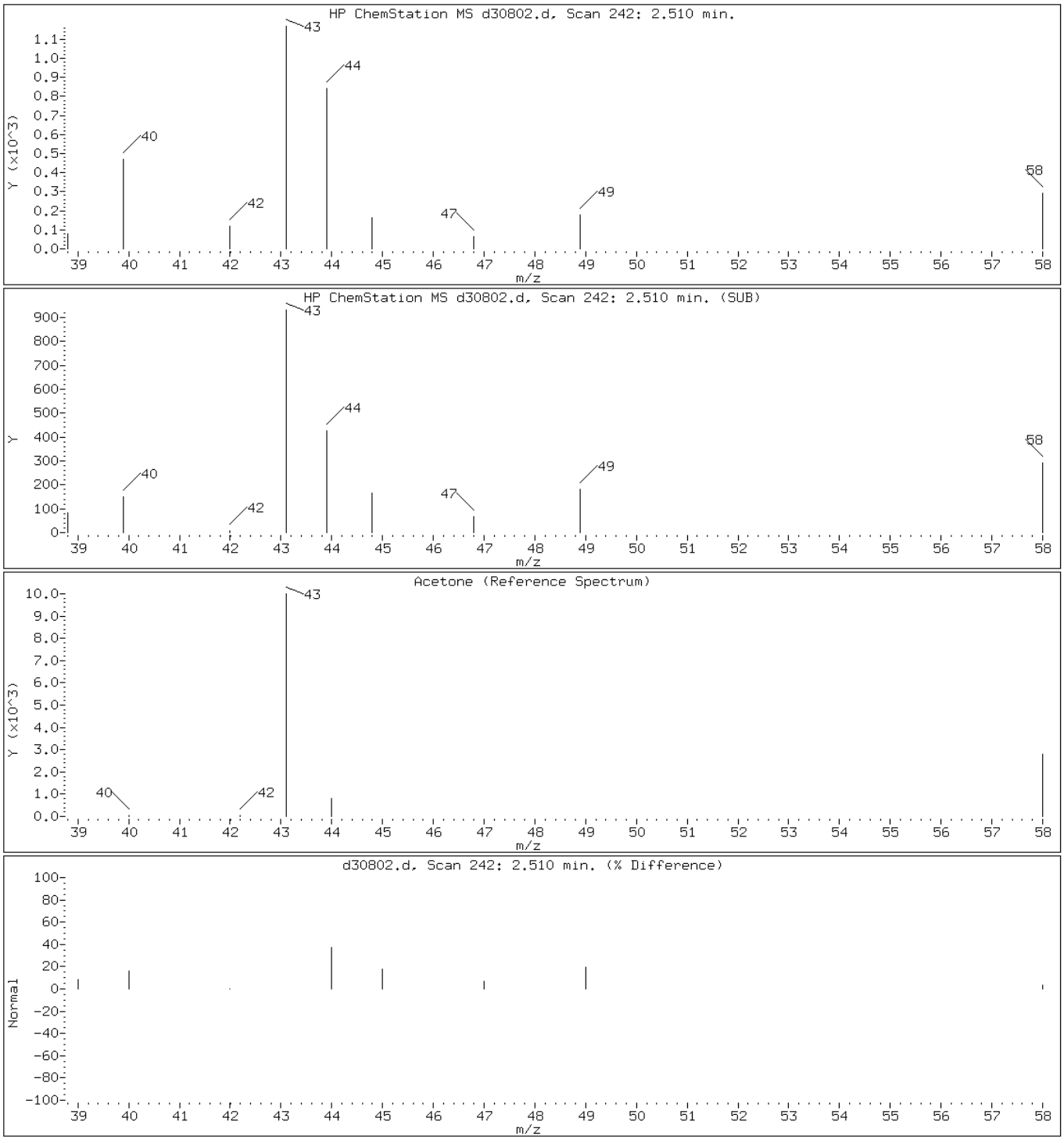
Data File: d30802.d

Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9

7 Acetone



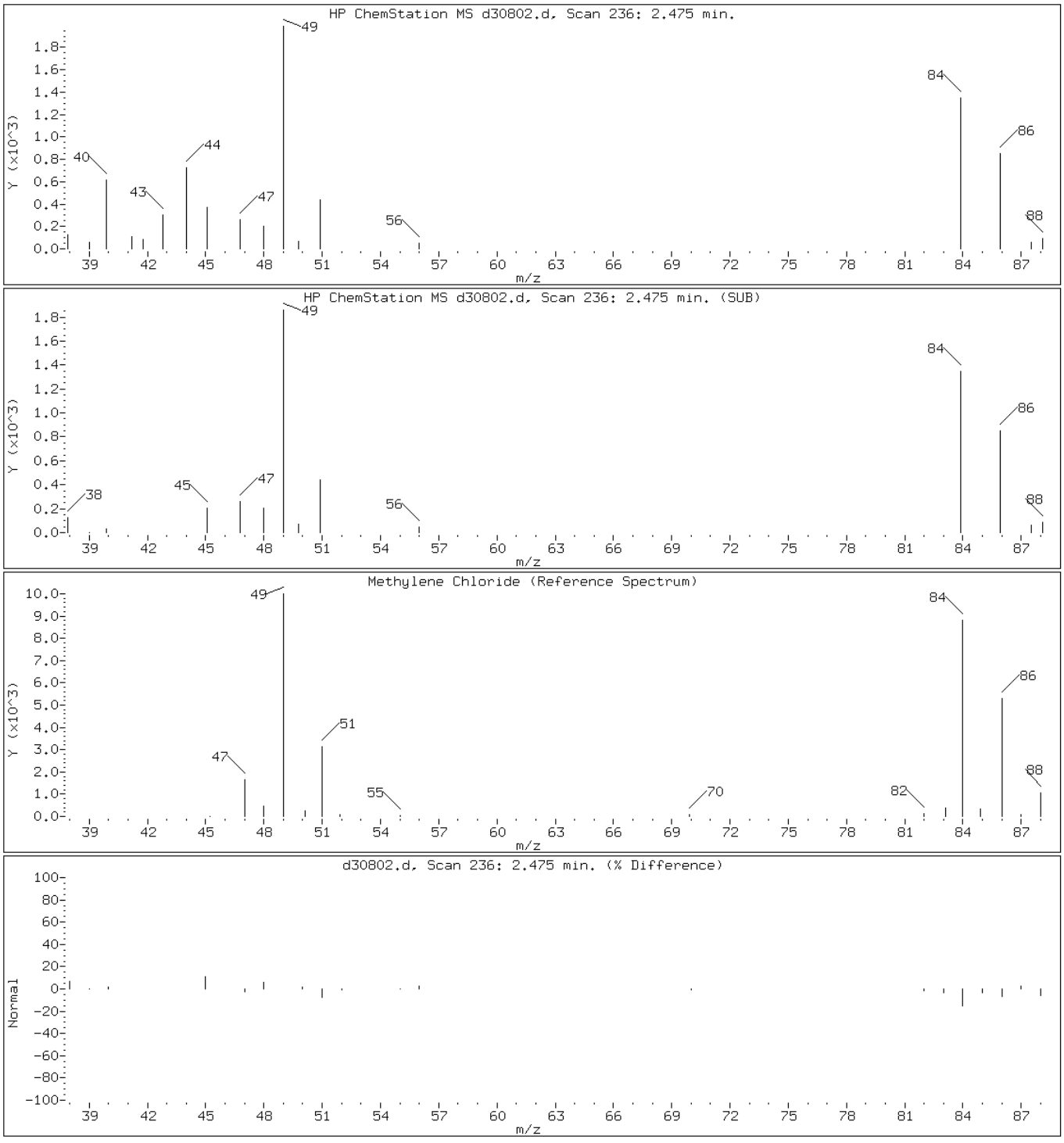
Data File: d30802.d

Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9

6 Methylene Chloride



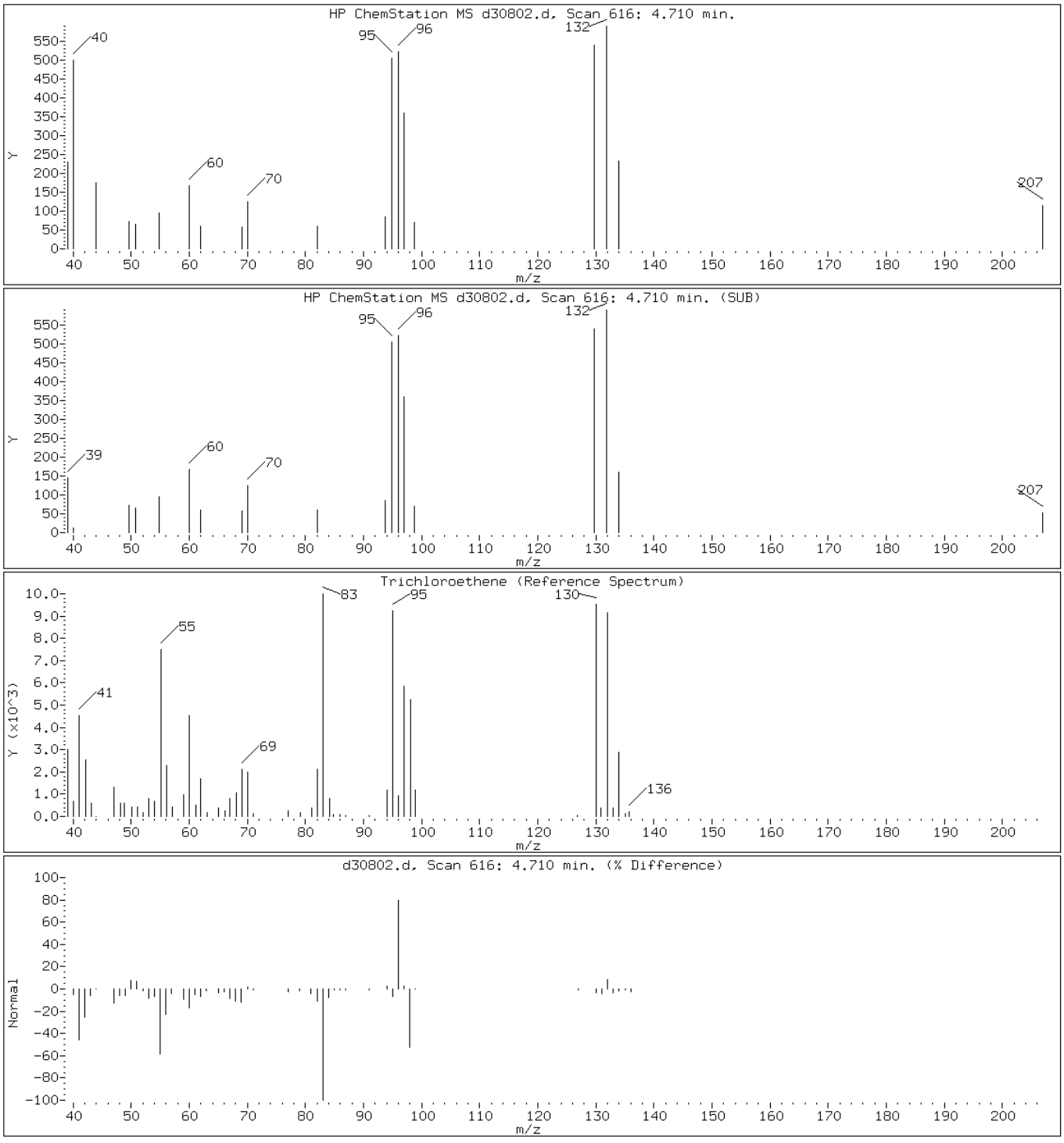
Data File: d30802.d

Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9

25 Trichloroethene



Data File: d30802.d

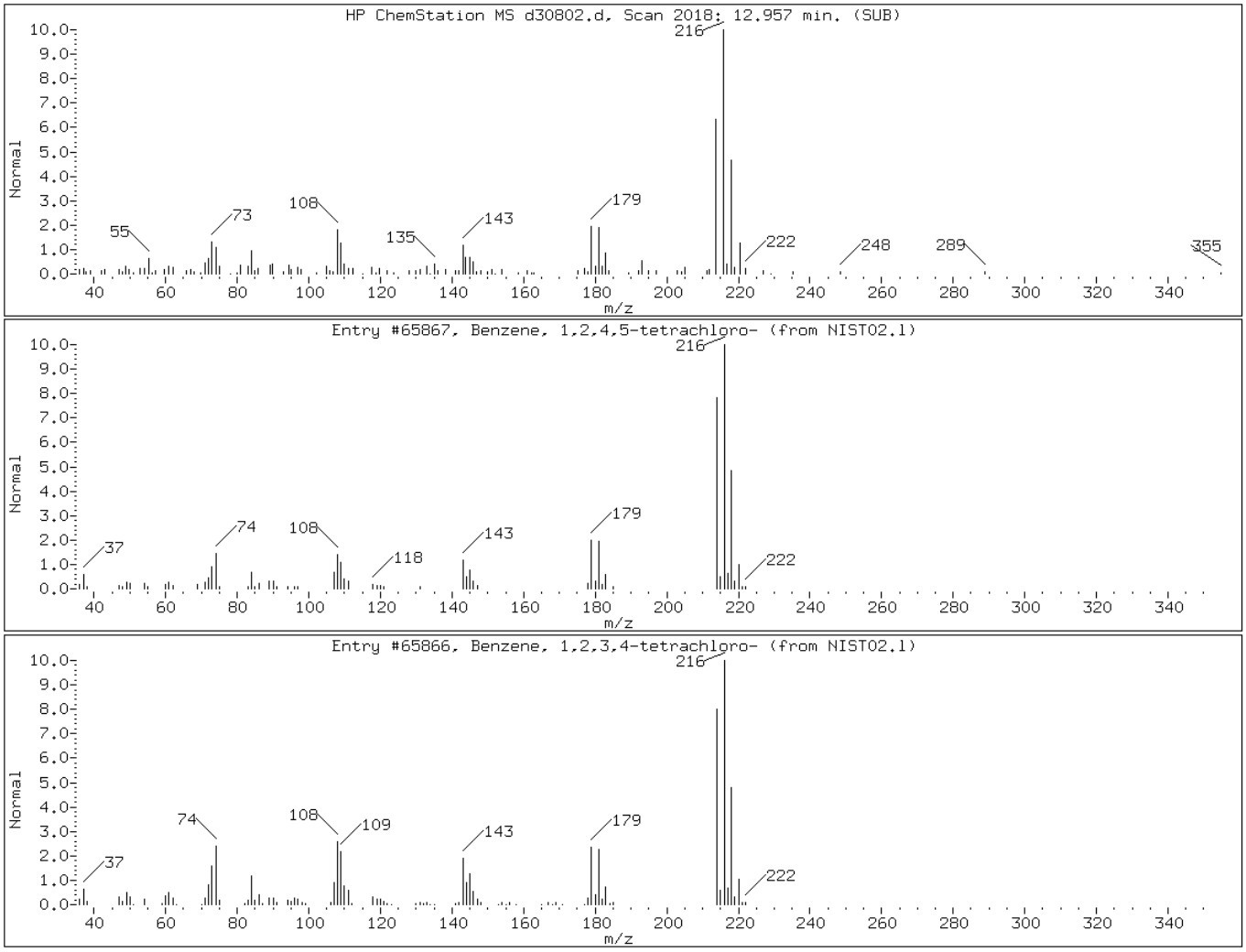
Date: 22-MAR-2013 17:42

Client ID: PMP-4-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-9-A;;;5.85;5 Operator: VOAMS 9

Retention Time: 12.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachlorobenzene isomer						
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.l	65867	95	C6H2Cl4	214
Benzene, 1,2,3,4-tetrachloro-	634-66-2	NIST02.l	65866	95	C6H2Cl4	214



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD | Lab Sample ID: 460-52450-10

Matrix: Solid | Lab File ID: d30803.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:55

Sample wt/vol: 4.23(g) | Date Analyzed: 03/22/2013 18:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
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
75-34-3	1,1-Dichloroethane	0.14	U	1.2	0.14
75-35-4	1,1-Dichloroethene	0.24	U	1.2	0.24
87-61-6	1,2,3-Trichlorobenzene	1.7		1.2	0.20
120-82-1	1,2,4-Trichlorobenzene	6.1		1.2	0.24
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U	1.2	0.55
106-93-4	1,2-Dibromoethane	0.19	U	1.2	0.19
95-50-1	1,2-Dichlorobenzene	0.24	J	1.2	0.12
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
78-87-5	1,2-Dichloropropane	0.19	U	1.2	0.19
541-73-1	1,3-Dichlorobenzene	0.20	U	1.2	0.20
106-46-7	1,4-Dichlorobenzene	0.34	J	1.2	0.14
123-91-1	1,4-Dioxane	16	U	62	16
78-93-3	2-Butanone	5.0	J	12	0.79
591-78-6	2-Hexanone	0.16	U *	12	0.16
108-10-1	4-Methyl-2-pentanone	0.25	U	12	0.25
67-64-1	Acetone	21	B	12	2.1
71-43-2	Benzene	0.19	U	1.2	0.19
74-97-5	Bromochloromethane	0.14	U	1.2	0.14
75-27-4	Bromodichloromethane	0.40	U	1.2	0.40
75-25-2	Bromoform	0.21	U	1.2	0.21
74-83-9	Bromomethane	0.54	U	1.2	0.54
75-15-0	Carbon disulfide	0.19	U	1.2	0.19
56-23-5	Carbon tetrachloride	0.19	U	1.2	0.19
108-90-7	Chlorobenzene	0.27	J	1.2	0.22
75-00-3	Chloroethane	0.41	U	1.2	0.41
67-66-3	Chloroform	4.1		1.2	0.30
74-87-3	Chloromethane	0.20	U	1.2	0.20
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.2	0.14
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
110-82-7	Cyclohexane	0.16	U	1.2	0.16
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
100-41-4	Ethylbenzene	0.21	U	1.2	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD | Lab Sample ID: 460-52450-10

Matrix: Solid | Lab File ID: d30803.d

Analysis Method: 8260B | Date Collected: 03/14/2013 10:55

Sample wt/vol: 4.23(g) | Date Analyzed: 03/22/2013 18:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.14	U	1.2	0.14
98-82-8	Isopropylbenzene	0.14	U	1.2	0.14
79-20-9	Methyl acetate	0.40	U	1.2	0.40
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
75-09-2	Methylene Chloride	1.1	J B	1.2	0.19
1634-04-4	MTBE	0.14	U	1.2	0.14
100-42-5	Styrene	0.35	U	1.2	0.35
127-18-4	Tetrachloroethene	0.92	J	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
79-01-6	Trichloroethene	1.2		1.2	0.15
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
1330-20-7	Xylenes, Total	0.84	U	3.7	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD Lab Sample ID: 460-52450-10

Matrix: Solid Lab File ID: d30803.d

Analysis Method: 8260B Date Collected: 03/14/2013 10:55

Sample wt/vol: 4.23(g) Date Analyzed: 03/22/2013 18:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30803.d
Report Date: 22-Mar-2013 20:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30803.d
Lab Smp Id: 460-52450-D-10-A Client Smp ID: PMP-4-NE-VD
Inj Date : 22-MAR-2013 18:05
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-10-A;;;4.23;5
Misc Info : 460-52450-D-10-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 17:59 vibha Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 27
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	4.23000	Weight of sample extracted (g)
M	5.41516	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.469	2.469	(0.542)	2698	0.84852	1.1(a)
	7 Acetone	43	2.522	2.516	(0.554)	17292	16.8011	21
	15 Chloroform	83	3.681	3.681	(0.809)	20936	3.30258	4.1
	18 2-Butanone	43	3.963	3.951	(0.871)	3018	4.00019	5.0(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	88310	51.3557	64
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	413680	50.0000	
	25 Trichloroethene	95	4.722	4.704	(1.037)	3619	0.92419	1.2(a)
$	37 Toluene-d8 (SUR)	98	6.228	6.222	(0.789)	307588	48.4193	60
	35 Tetrachloroethene	166	6.739	6.728	(0.854)	3525	0.73691	0.92(a)
*	32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	248219	50.0000	
	39 Chlorobenzene	112	7.904	7.904	(1.001)	2051	0.21433	0.27(a)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	117626	50.9648	64
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	111597	50.0000	
	68 1,4-Dichlorobenzene	146	9.822	9.822	(1.001)	1851	0.27163	0.34(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30803.d
Report Date: 22-Mar-2013 20:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
111 n-Butylbenzene	92	10.039	10.039	(1.023)	644	0.08819	0.11(a)
69 1,2-Dichlorobenzene	146	10.127	10.127	(1.032)	1205	0.19167	0.24(a)
93 1,2,4-Trichlorobenzene	180	11.180	11.174	(1.139)	24434	4.88010	6.1
70 Naphthalene	128	11.410	11.404	(1.162)	8769	1.12858	1.4
98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	5976	1.36078	1.7

QC Flag Legend

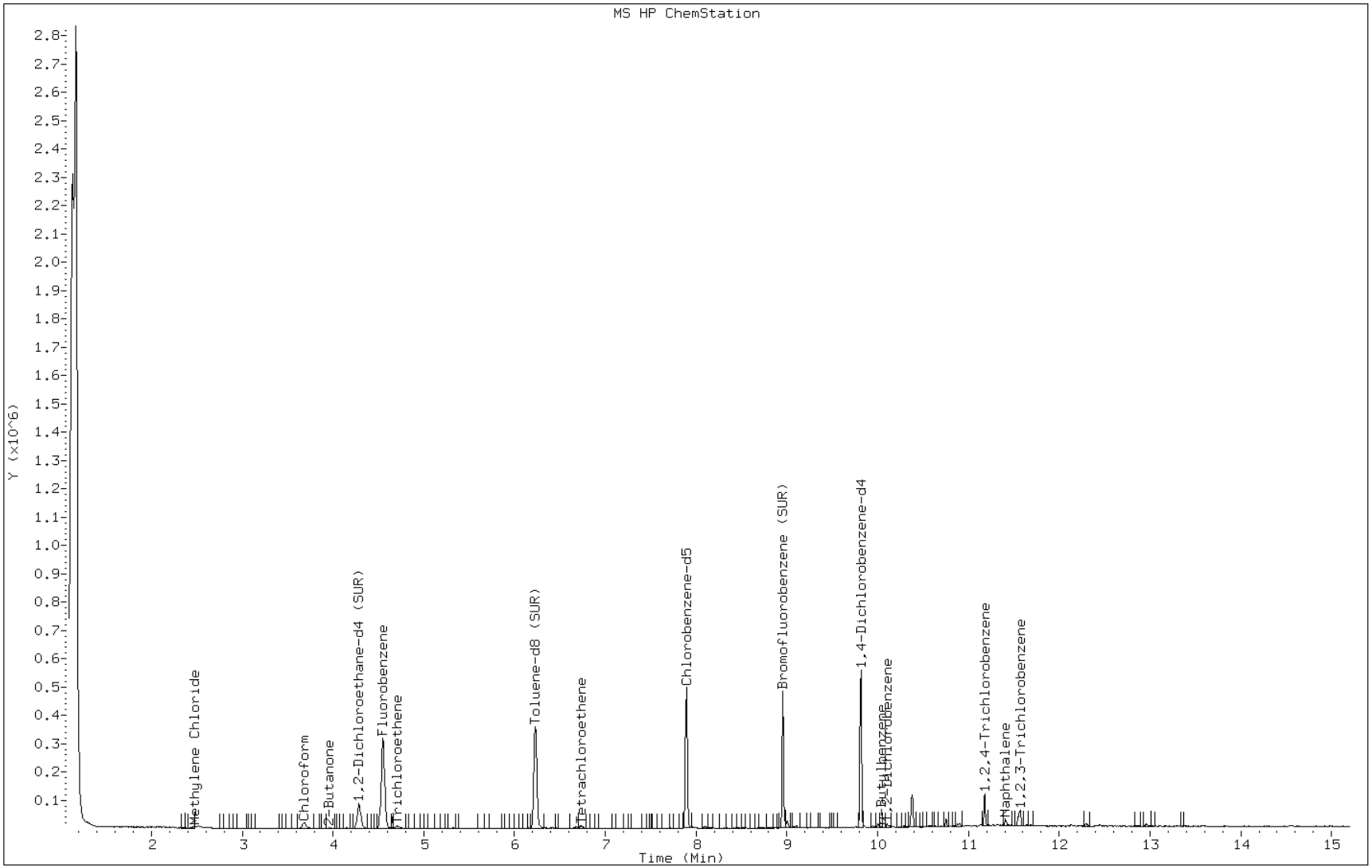
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9



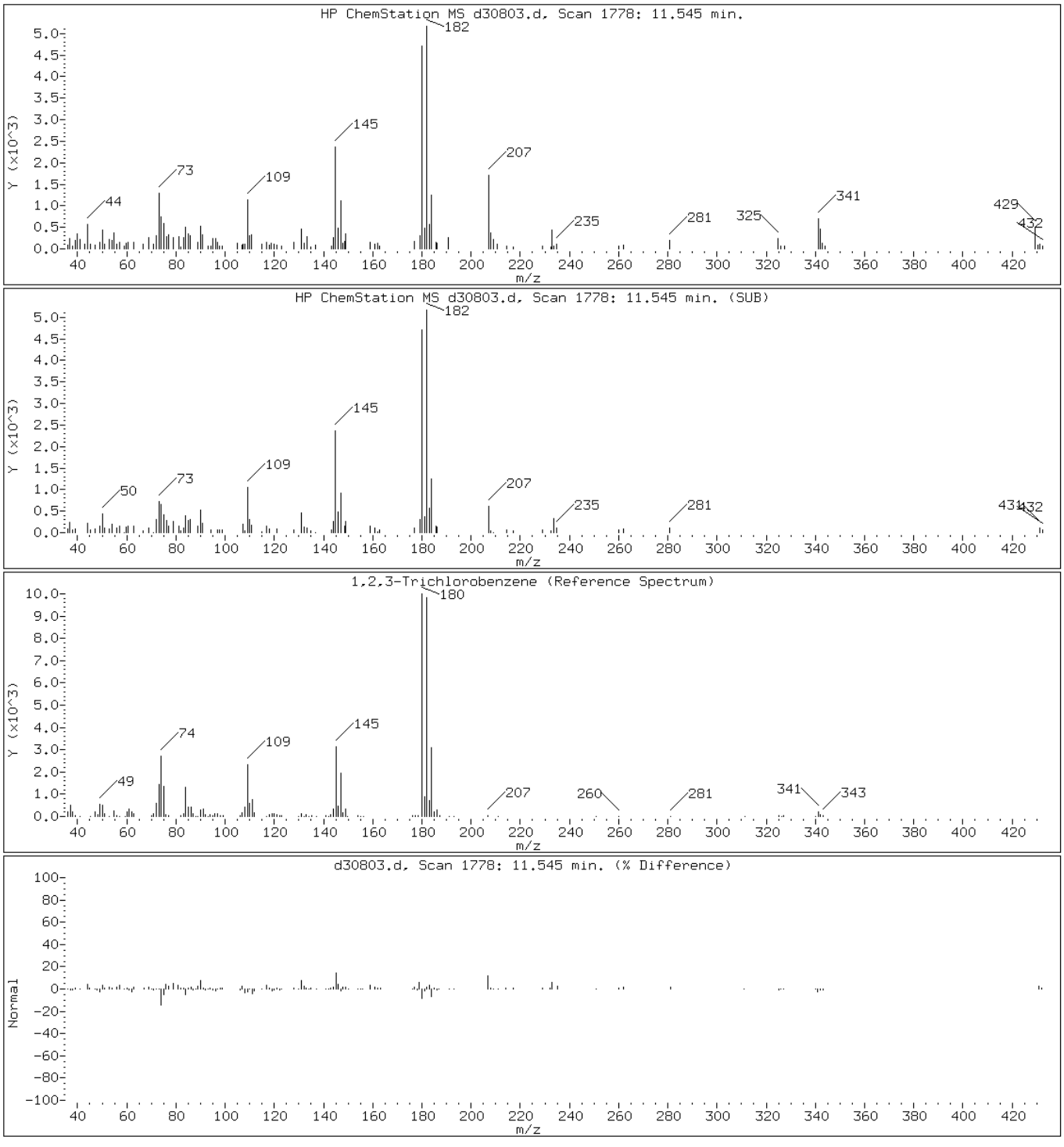
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



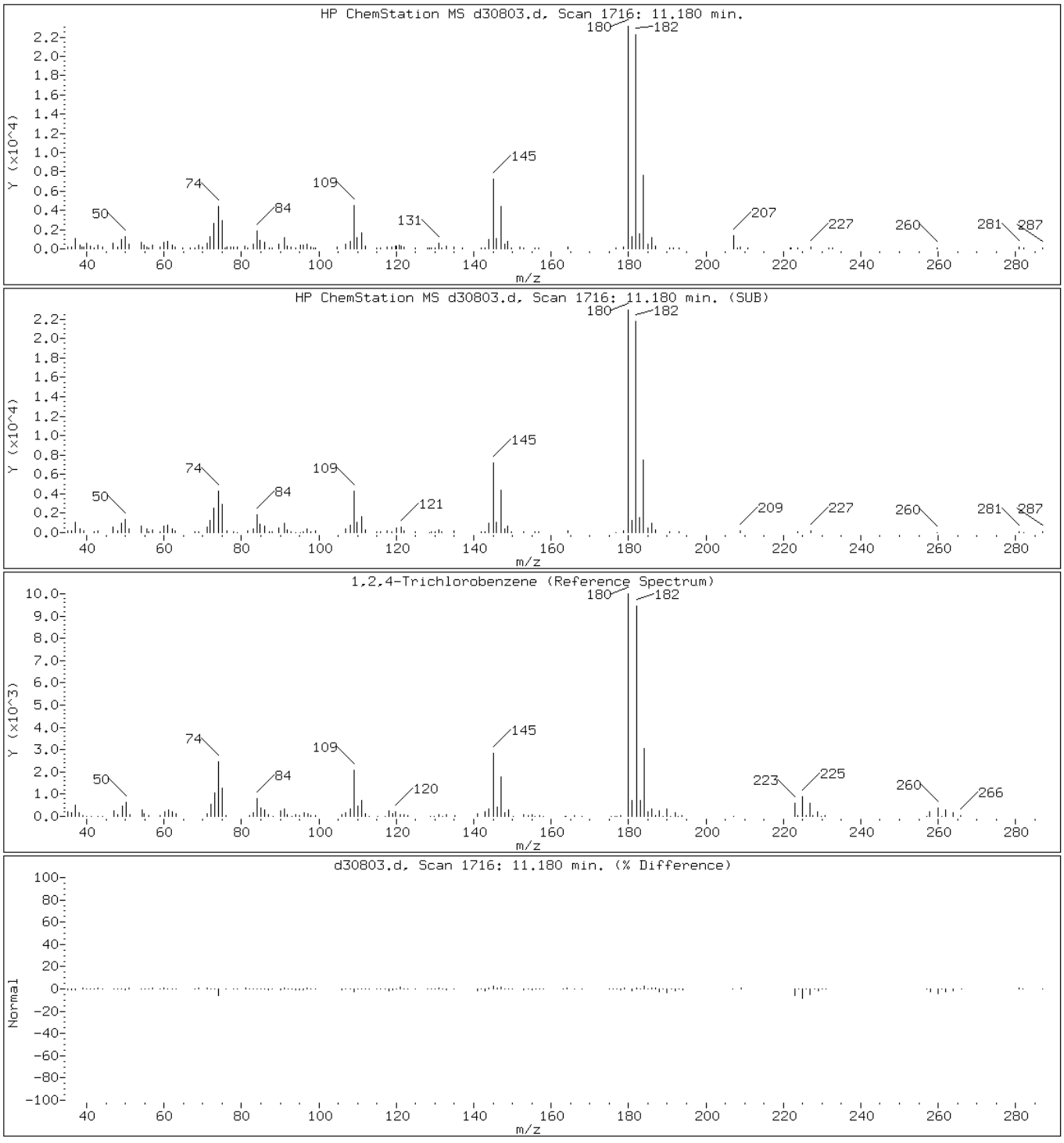
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



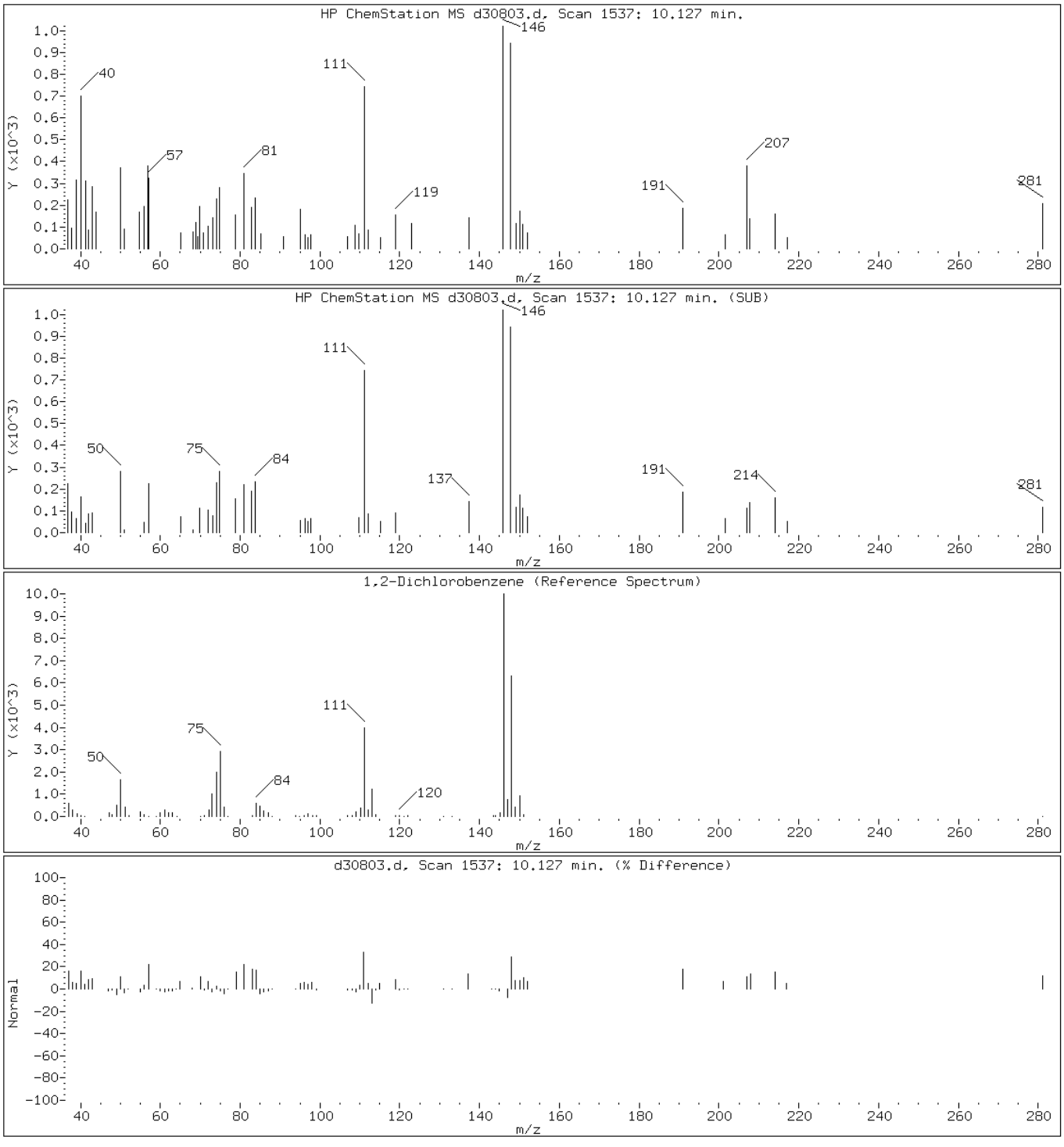
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



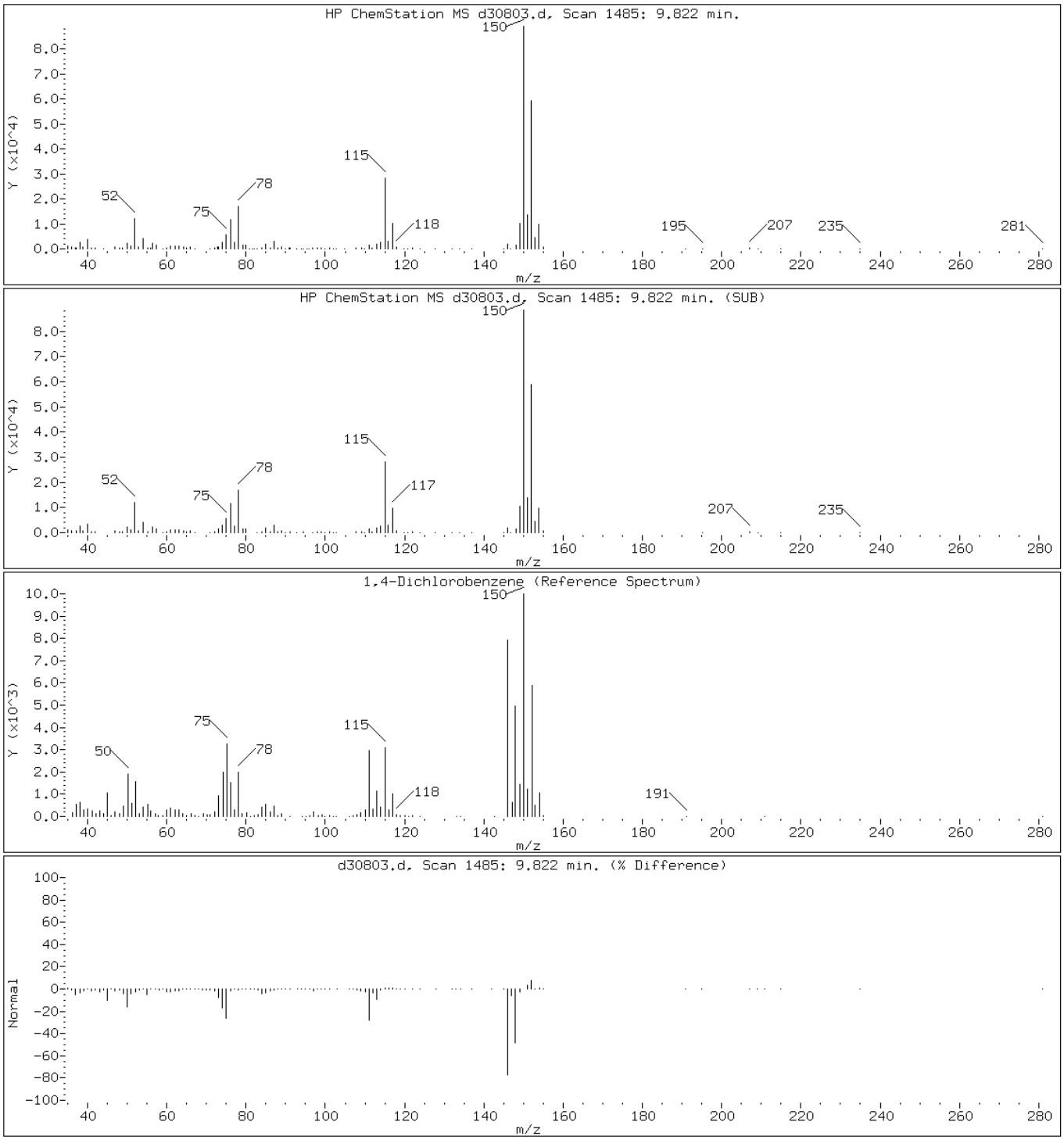
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



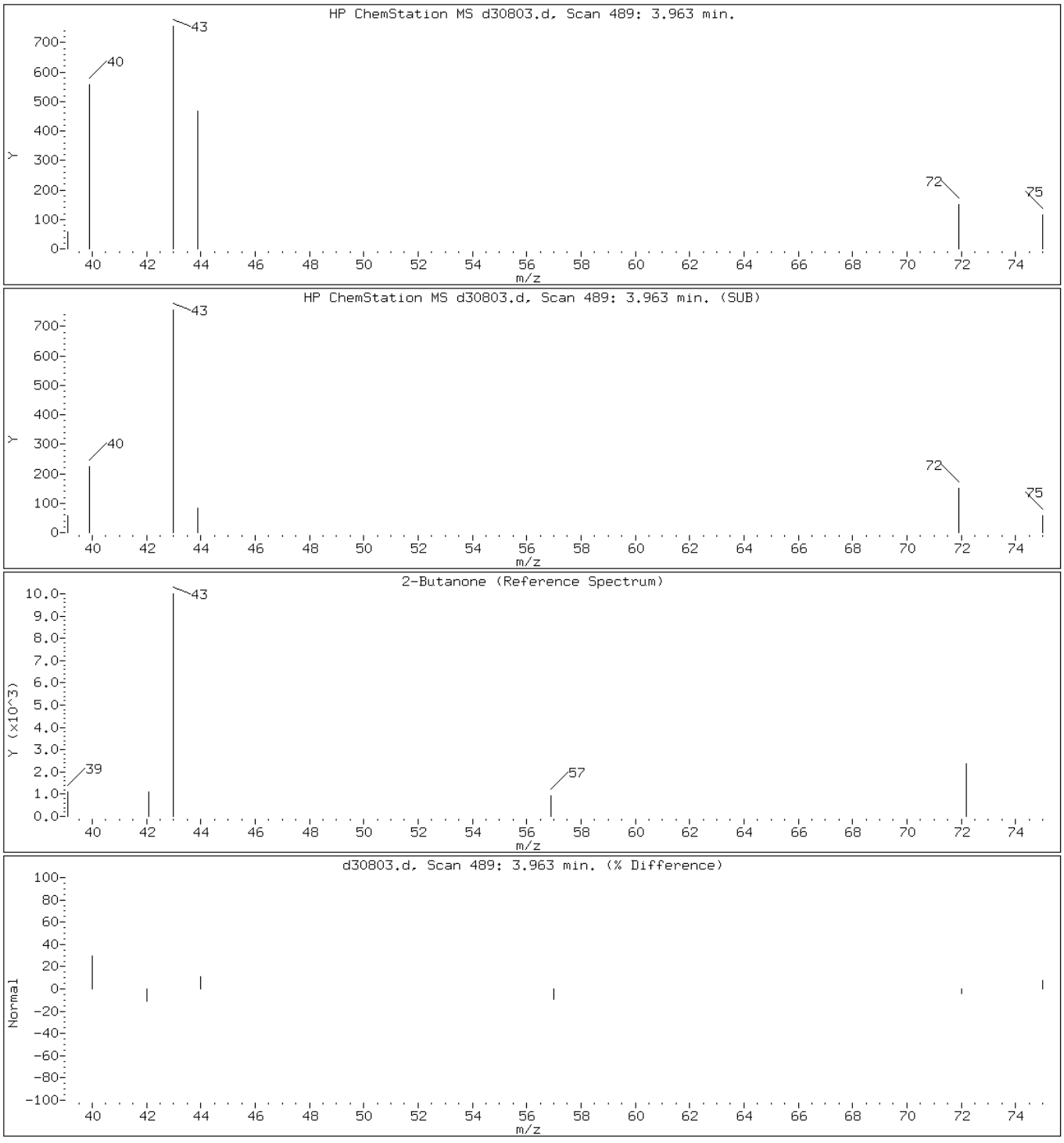
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

18 2-Butanone



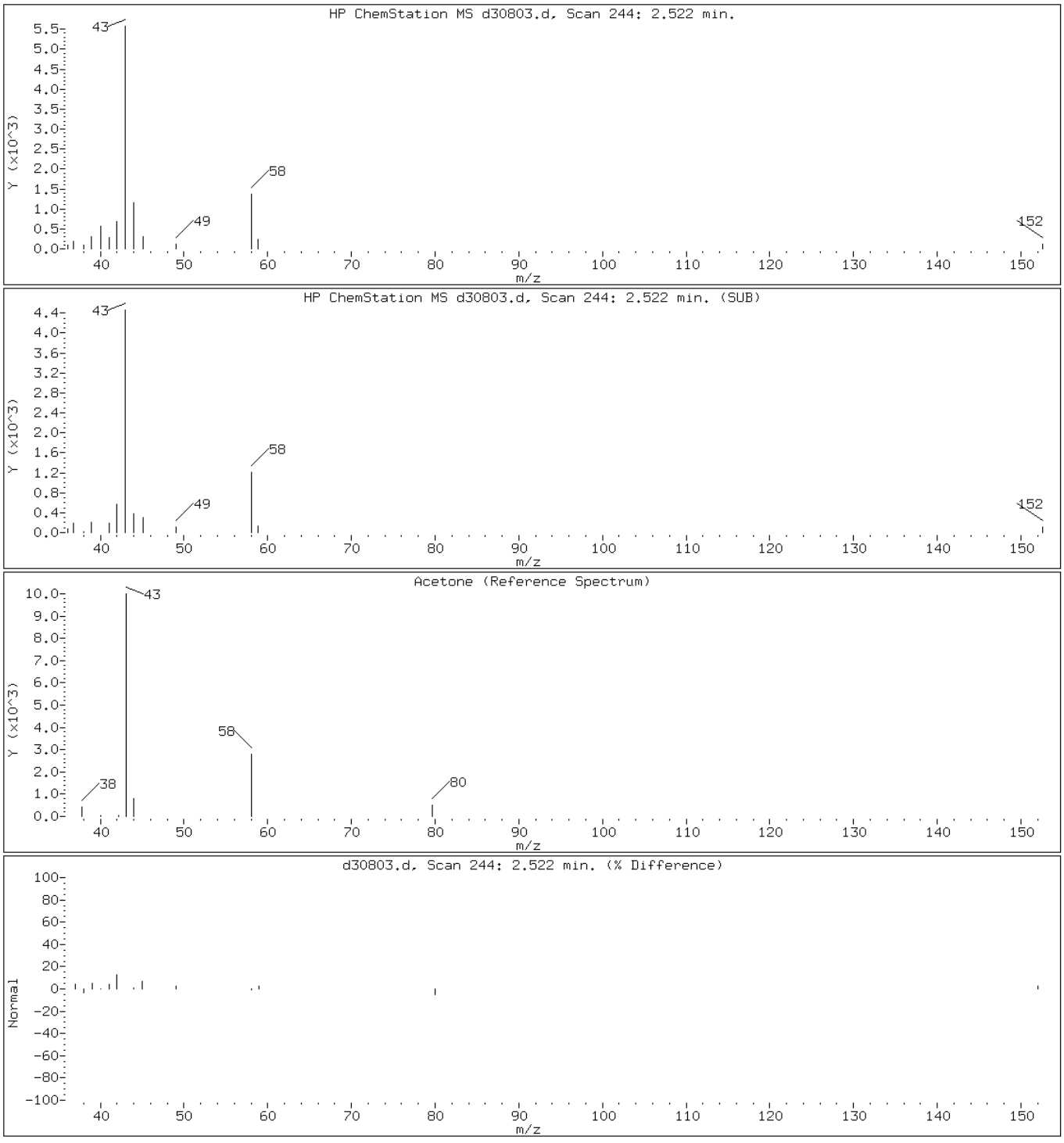
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

7 Acetone



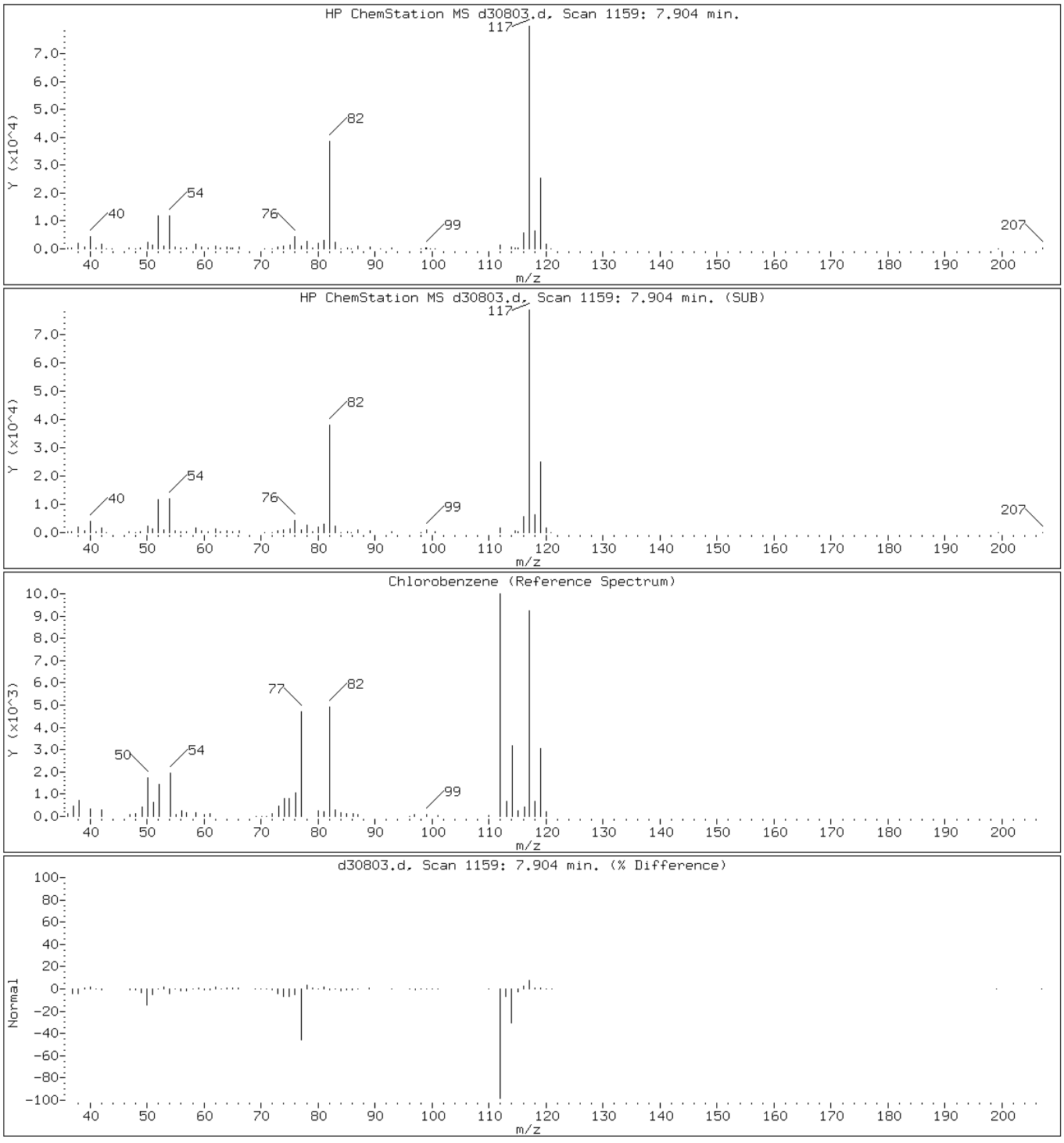
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

39 Chlorobenzene



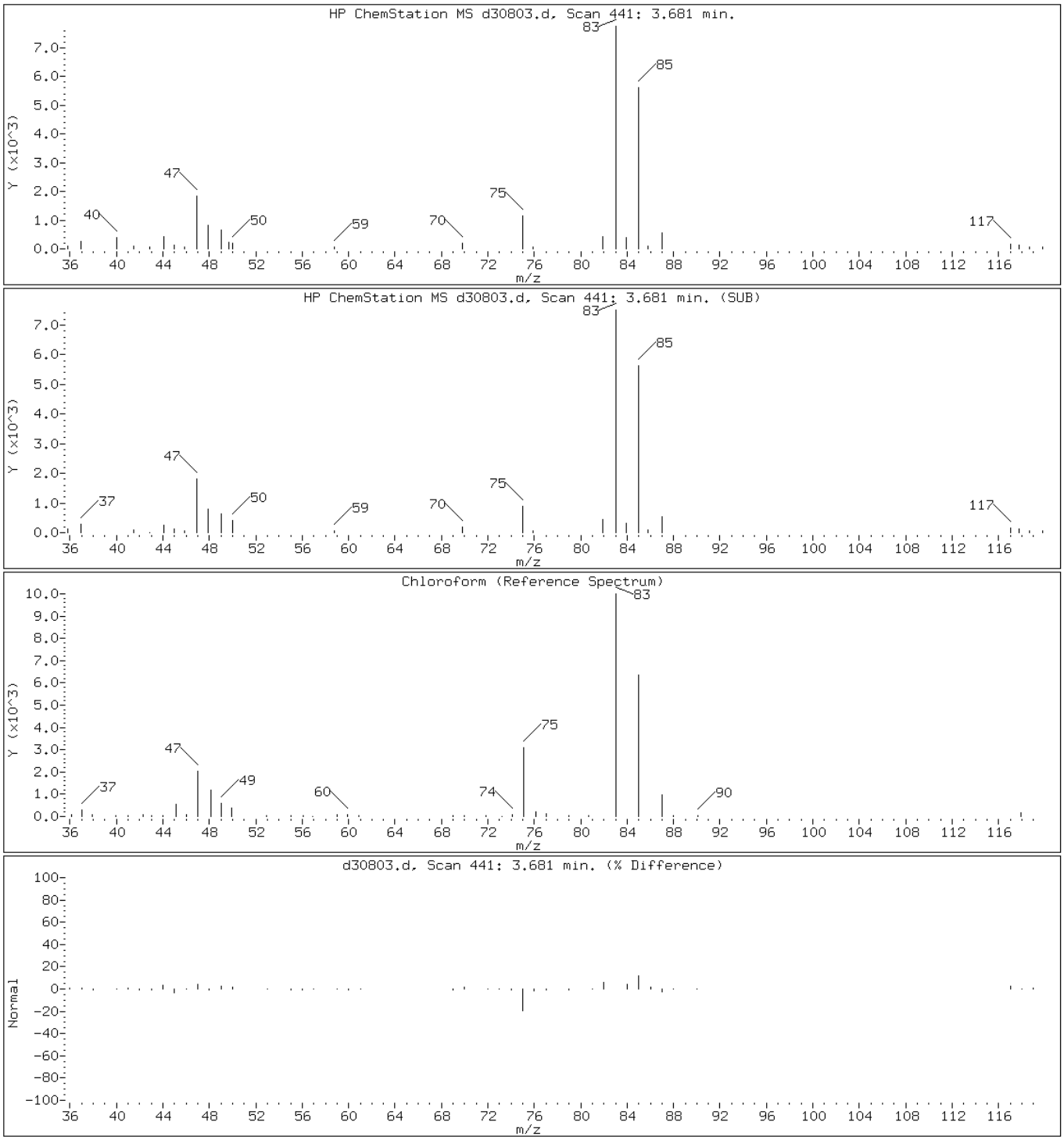
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

15 Chloroform



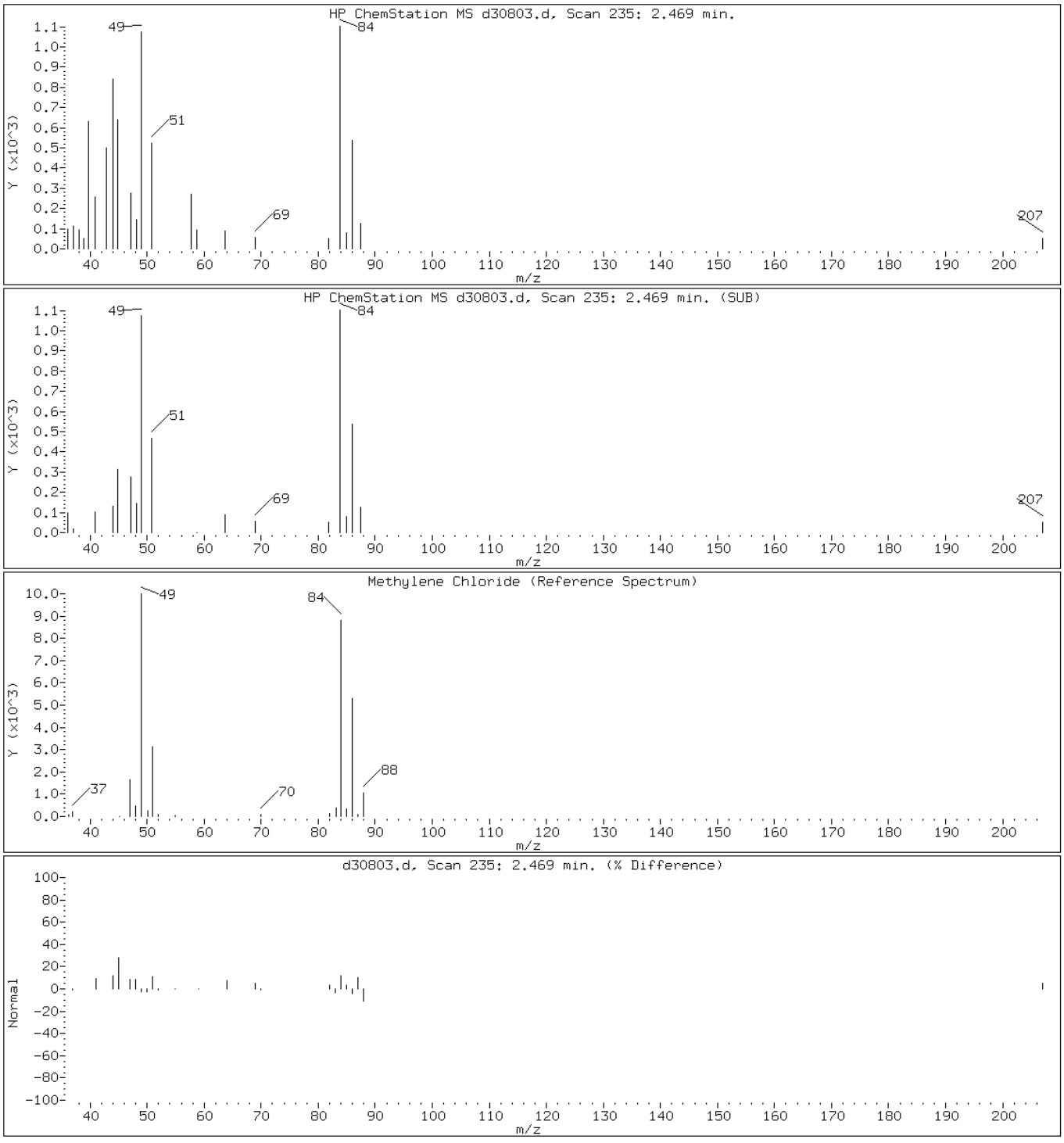
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

6 Methylene Chloride



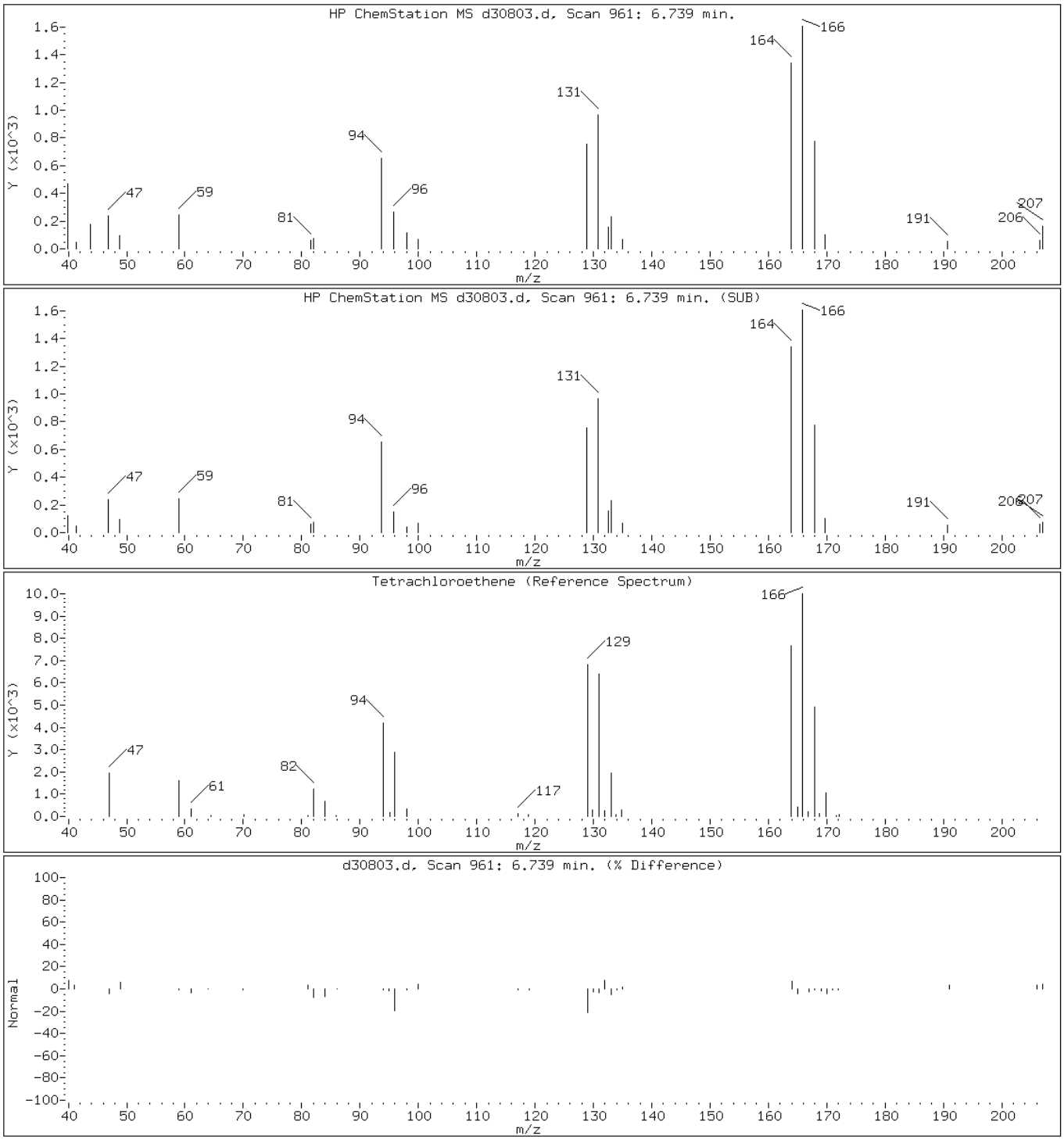
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

35 Tetrachloroethene



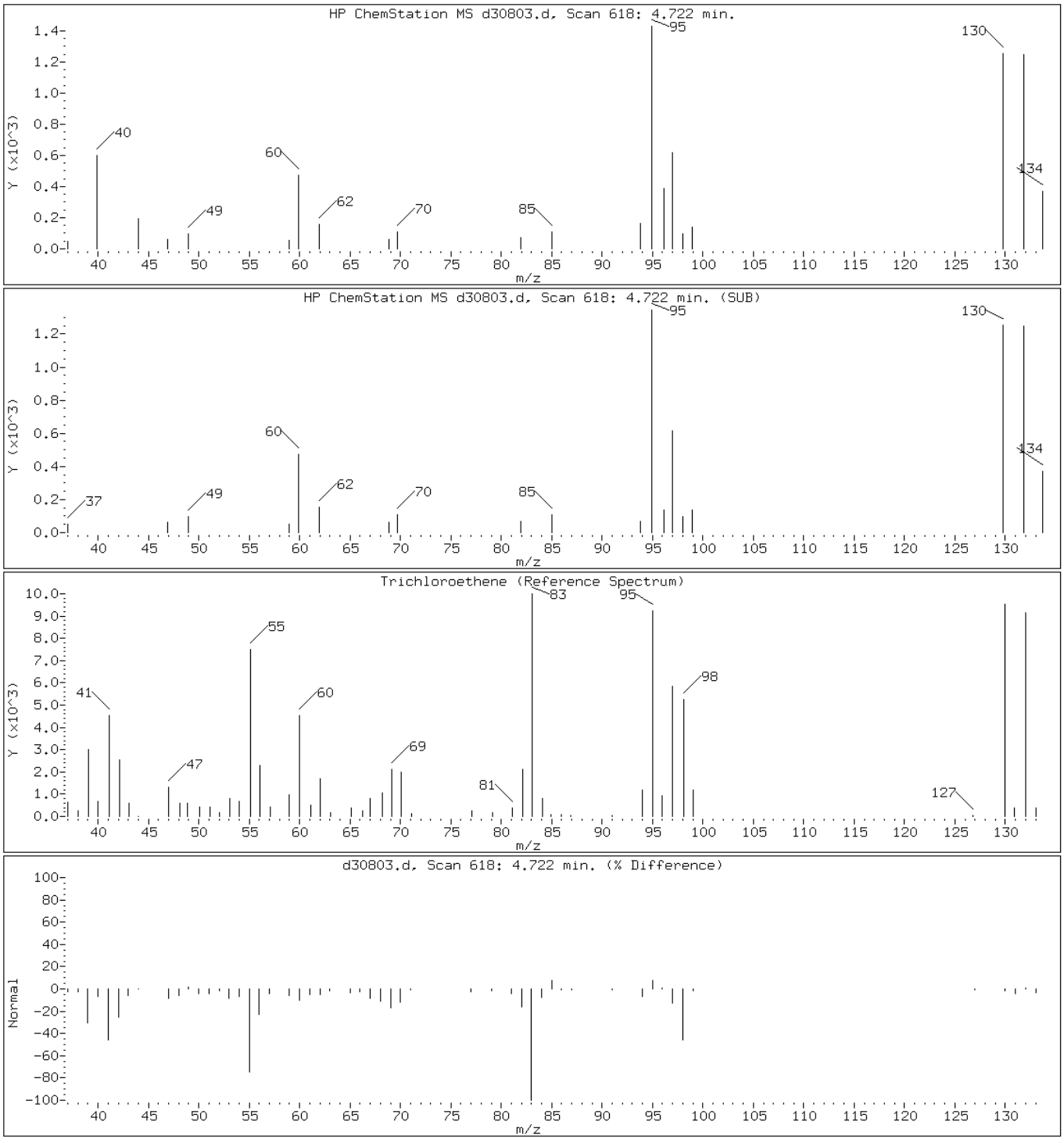
Data File: d30803.d

Date: 22-MAR-2013 18:05

Client ID: PMP-4-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-10-A;;;4.23;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS | Lab Sample ID: 460-52450-11

Matrix: Solid | Lab File ID: d30804.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:25

Sample wt/vol: 5.06(g) | Date Analyzed: 03/22/2013 18:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.095	U	1.1	0.095
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.28	J	1.1	0.17
120-82-1	1,2,4-Trichlorobenzene	0.25	J	1.1	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.1	0.46
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.13	J	1.1	0.11
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	13	U	53	13
78-93-3	2-Butanone	0.66	U	11	0.66
591-78-6	2-Hexanone	0.14	U *	11	0.14
108-10-1	4-Methyl-2-pentanone	0.21	U	11	0.21
67-64-1	Acetone	1.8	U	11	1.8
71-43-2	Benzene	0.16	U	1.1	0.16
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34
75-25-2	Bromoform	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.45	U	1.1	0.45
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
75-00-3	Chloroethane	0.35	U	1.1	0.35
67-66-3	Chloroform	2.0		1.1	0.25
74-87-3	Chloromethane	0.17	U	1.1	0.17
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
100-41-4	Ethylbenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS | Lab Sample ID: 460-52450-11

Matrix: Solid | Lab File ID: d30804.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:25

Sample wt/vol: 5.06(g) | Date Analyzed: 03/22/2013 18:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.0	J B	1.1	0.16
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.29	U	1.1	0.29
127-18-4	Tetrachloroethene	0.73	J	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	1.4		1.1	0.13
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
1330-20-7	Xylenes, Total	0.70	U	3.2	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS Lab Sample ID: 460-52450-11

Matrix: Solid Lab File ID: d30804.d

Analysis Method: 8260B Date Collected: 03/14/2013 11:25

Sample wt/vol: 5.06(g) Date Analyzed: 03/22/2013 18:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30804.d
Report Date: 22-Mar-2013 20:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30804.d
Lab Smp Id: 460-52450-D-11-A Client Smp ID: PMP-22-NE-VS
Inj Date : 22-MAR-2013 18:28
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-11-A;;;5.06;5
Misc Info : 460-52450-D-11-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 17:59 vibha Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 28
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	5.06000	Weight of sample extracted (g)
M	5.90476	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.463	2.469	(0.541)	2861	0.95000	1.00(a)
	15 Chloroform	83	3.675	3.681	(0.807)	11583	1.92901	2.0
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.941)	86802	53.2885	56
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	391867	50.0000	
	25 Trichloroethene	95	4.710	4.704	(1.035)	5069	1.36638	1.4
$	37 Toluene-d8 (SUR)	98	6.228	6.222	(0.789)	314333	49.8997	52
	35 Tetrachloroethene	166	6.739	6.728	(0.854)	3275	0.69048	0.72(a)
*	32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	246136	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	130725	53.3569	56
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	118465	50.0000	
	69 1,2-Dichlorobenzene	146	10.127	10.127	(1.032)	796	0.11928	0.12(a)
	93 1,2,4-Trichlorobenzene	180	11.180	11.174	(1.139)	1284	0.24165	0.25(a)
	70 Naphthalene	128	11.410	11.404	(1.162)	5555	0.67350	0.71(a)
	98 1,2,3-Trichlorobenzene	180	11.539	11.545	(1.176)	1232	0.26436	0.28(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30804.d
Report Date: 22-Mar-2013 20:16

QC Flag Legend

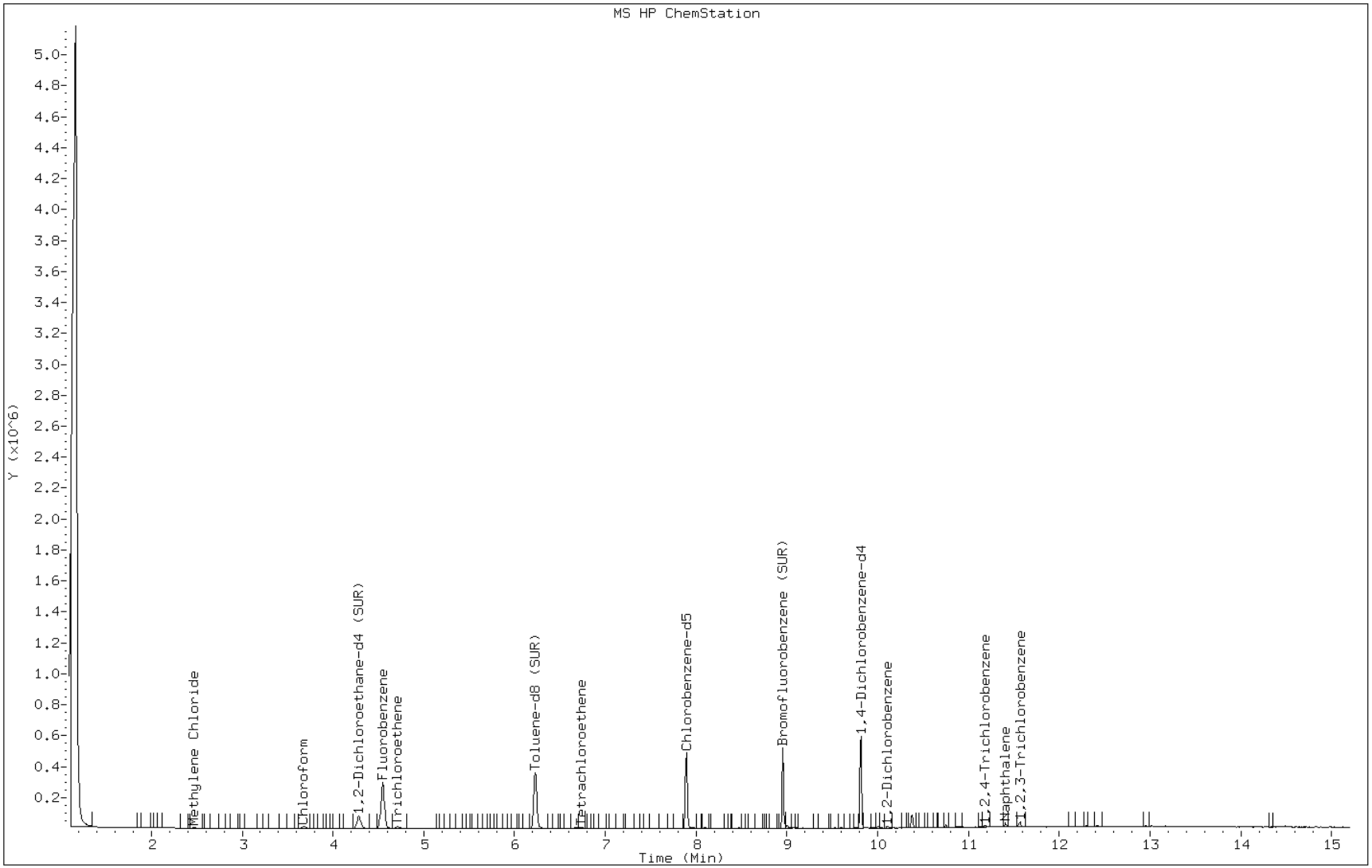
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30804.d

Date: 22-MAR-2013 18:28

Client ID: PMP-22-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-11-A;;;5.06;5 Operator: VOAMS 9



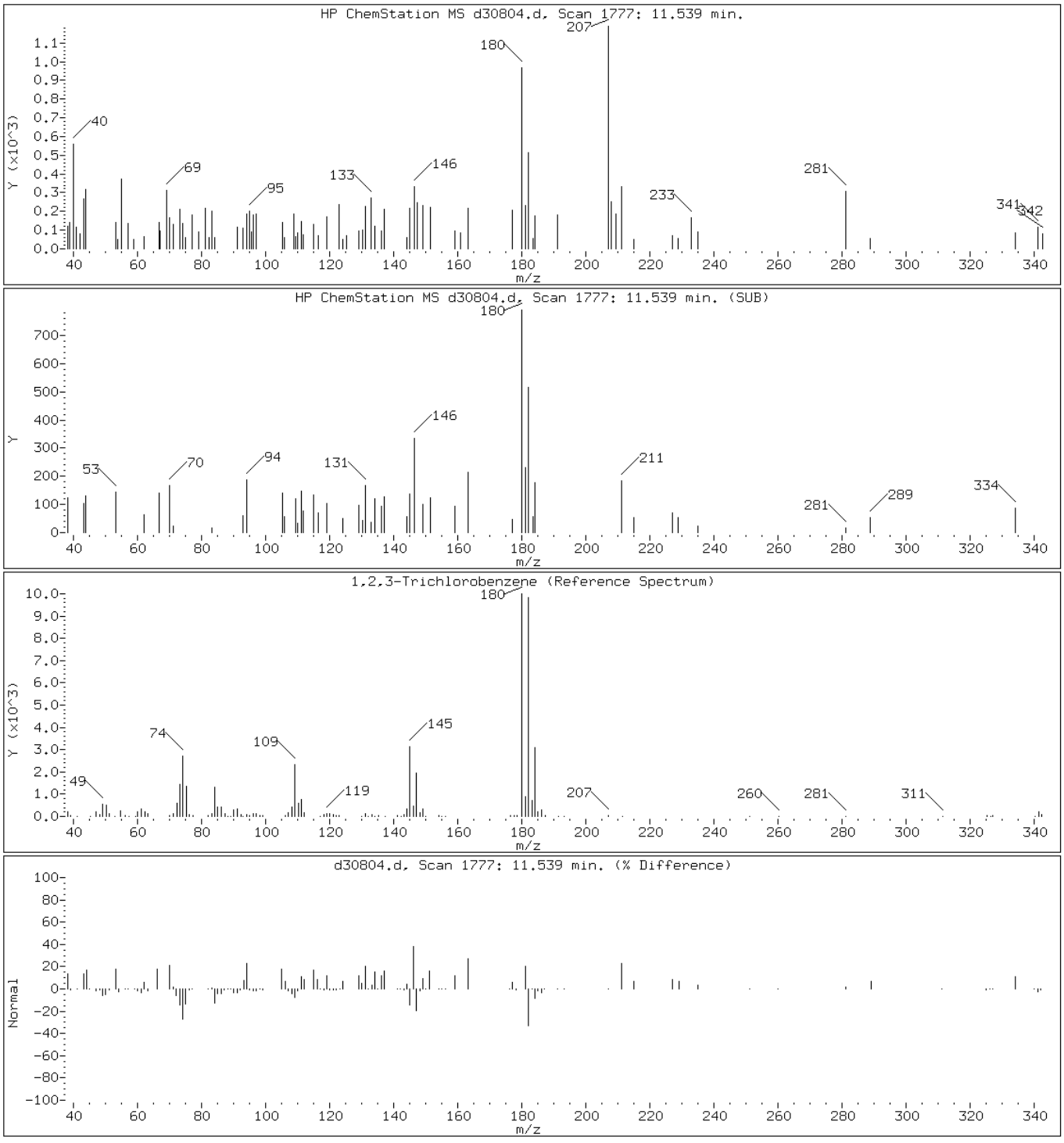
Data File: d30804.d

Date: 22-MAR-2013 18:28

Client ID: PMP-22-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-11-A;;;5.06;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



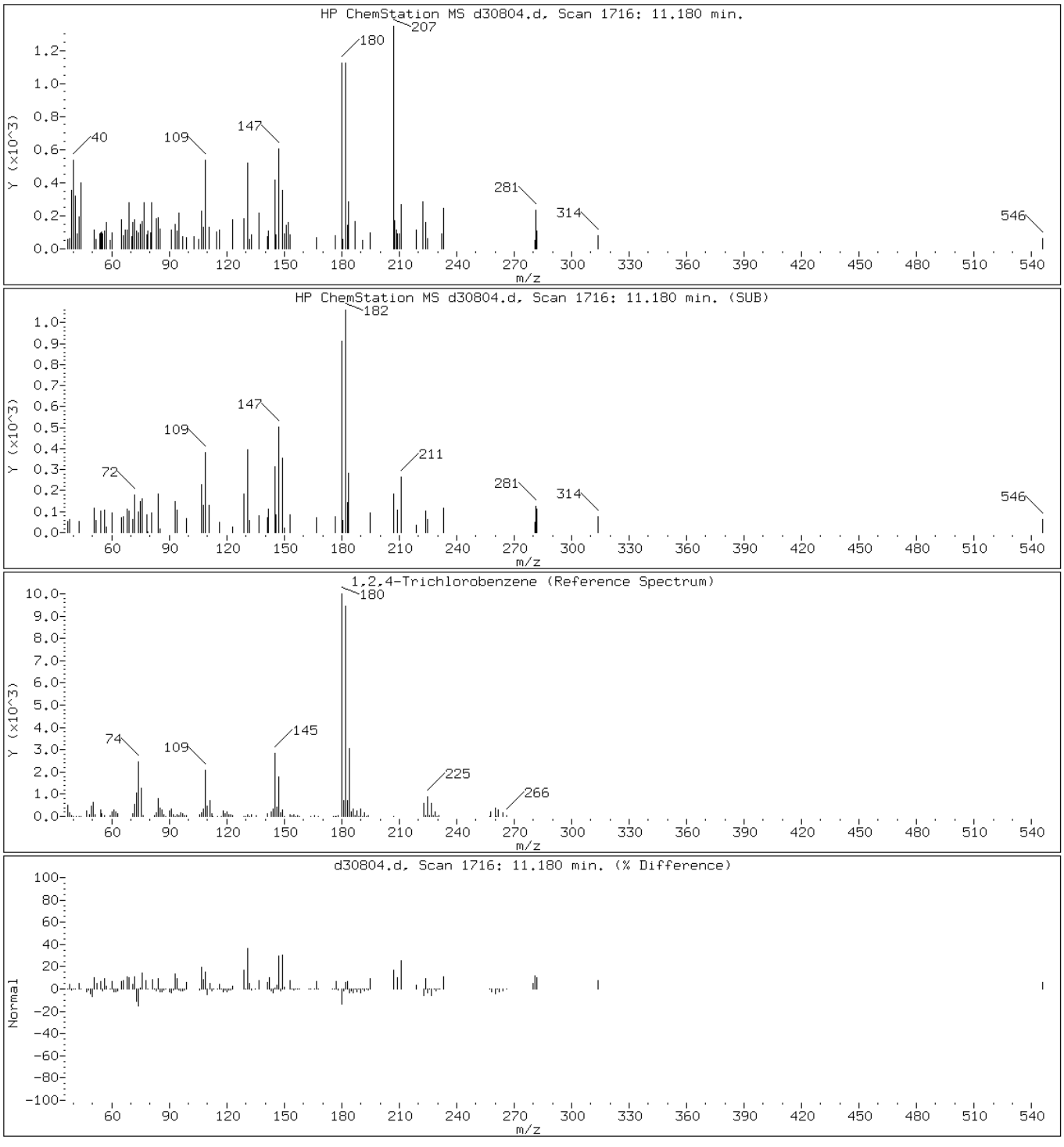
Data File: d30804.d

Date: 22-MAR-2013 18:28

Client ID: PMP-22-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-11-A;;;5.06;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



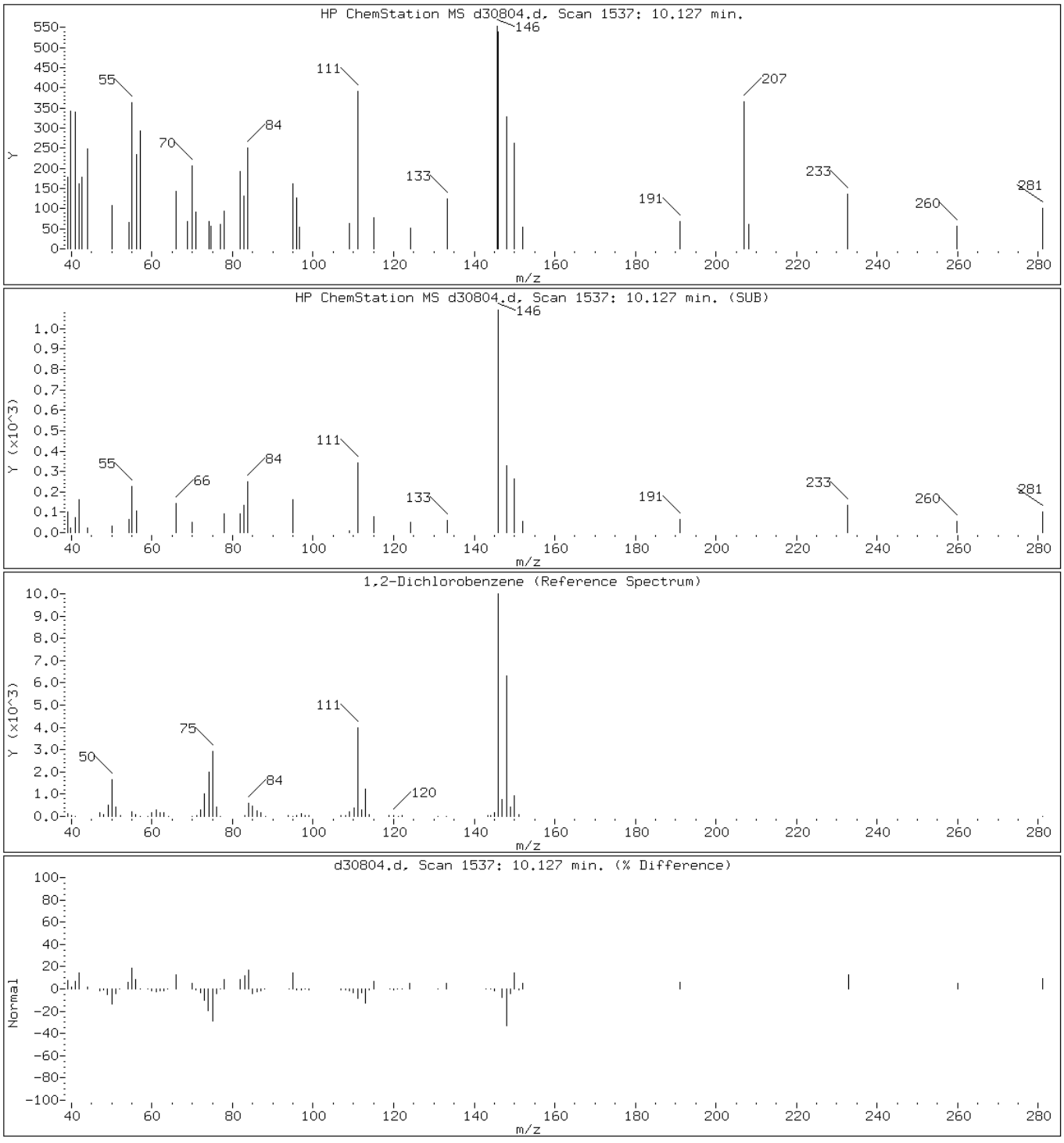
Data File: d30804.d

Date: 22-MAR-2013 18:28

Client ID: PMP-22-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-11-A;;;5.06;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



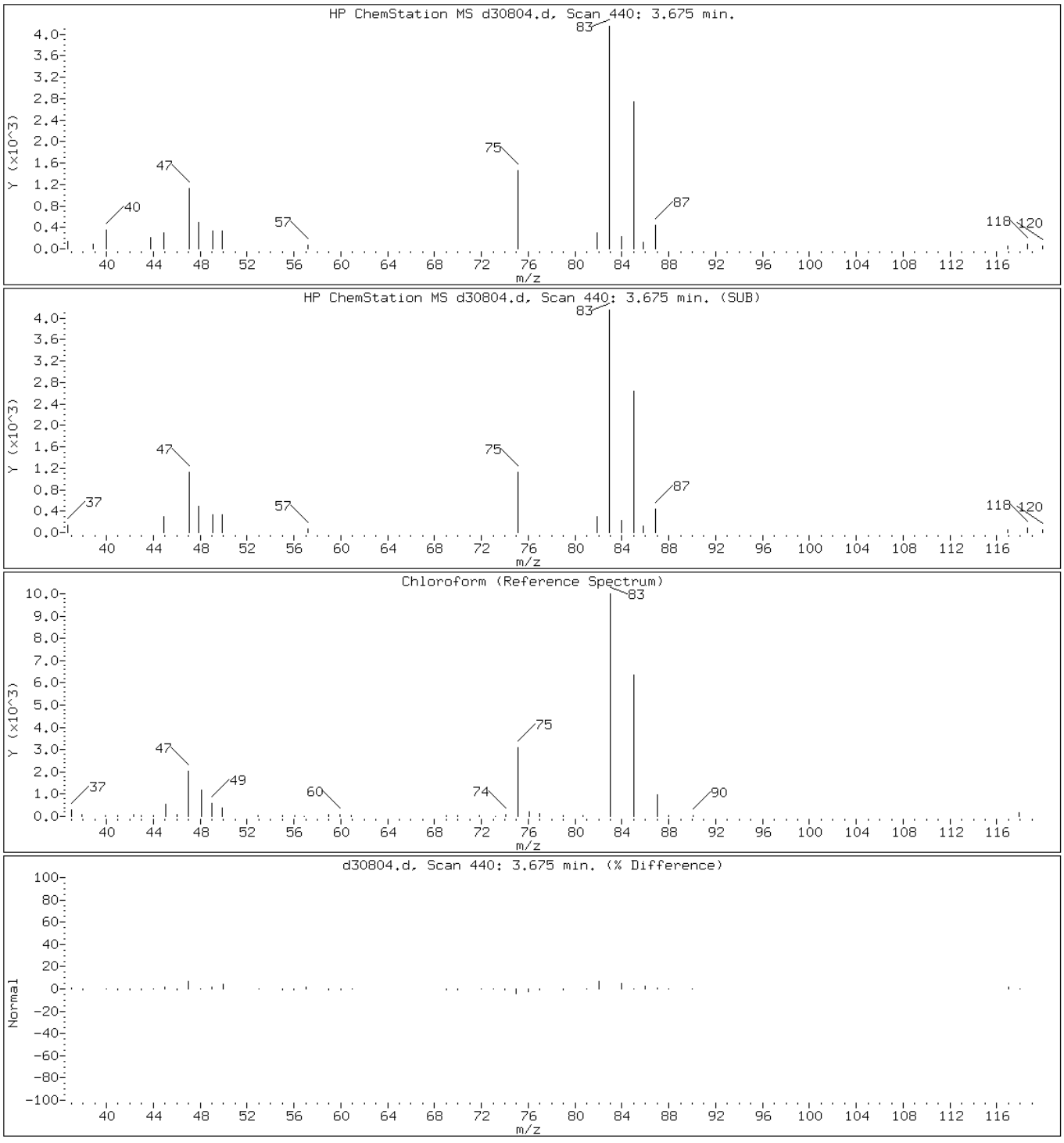
Data File: d30804.d

Date: 22-MAR-2013 18:28

Client ID: PMP-22-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-11-A;;;5.06;5 Operator: VOAMS 9

15 Chloroform



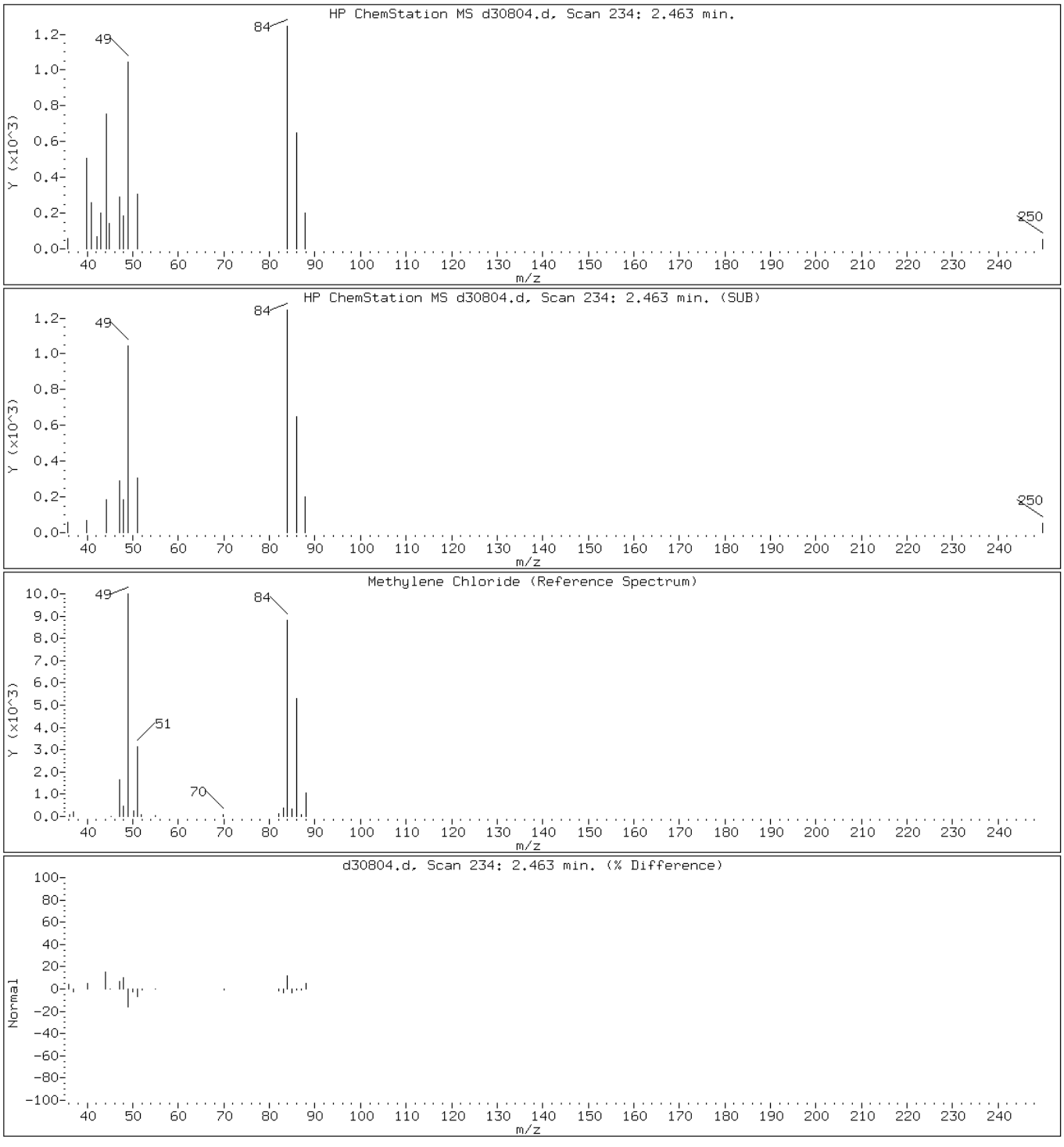
Data File: d30804.d

Date: 22-MAR-2013 18:28

Client ID: PMP-22-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-11-A;;;5.06;5 Operator: VOAMS 9

6 Methylene Chloride



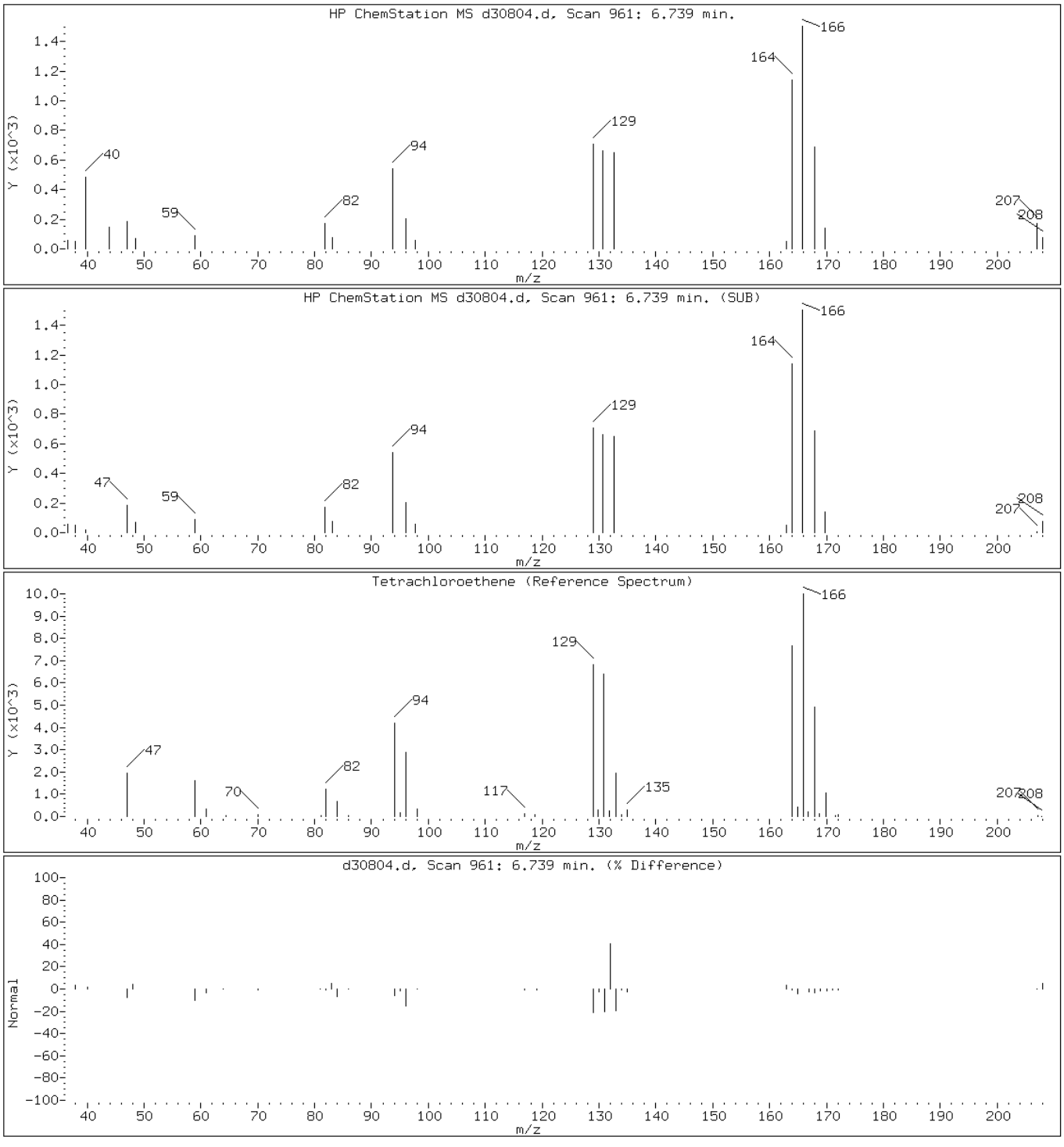
Data File: d30804.d

Date: 22-MAR-2013 18:28

Client ID: PMP-22-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-11-A;;;5.06;5 Operator: VOAMS 9

35 Tetrachloroethene



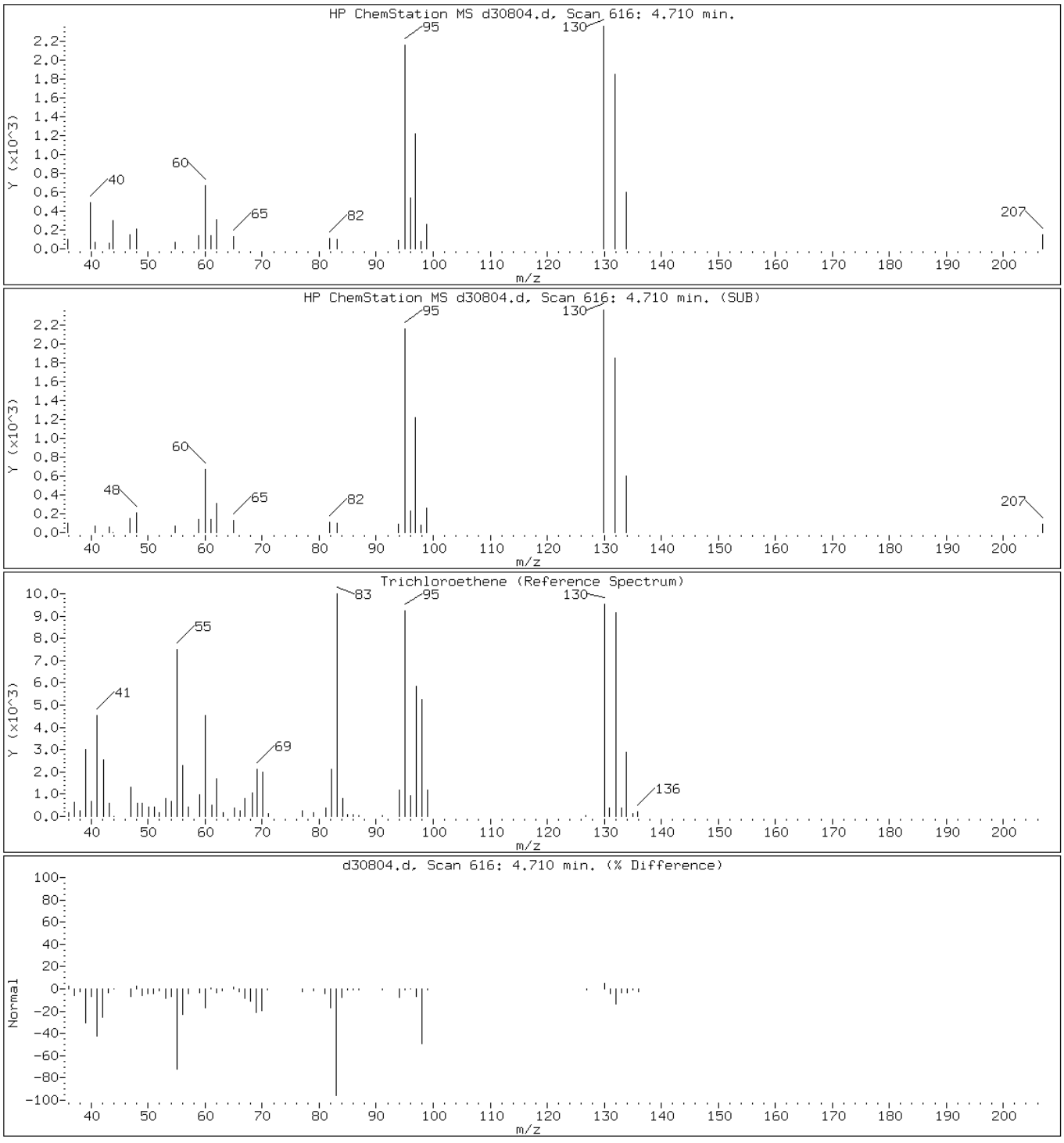
Data File: d30804.d

Date: 22-MAR-2013 18:28

Client ID: PMP-22-NE-VS Instrument: VOAMS4.i

Sample Info: 460-52450-D-11-A;;;5.06;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD | Lab Sample ID: 460-52450-12

Matrix: Solid | Lab File ID: d30820.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:30

Sample wt/vol: 5.27(g) | Date Analyzed: 03/23/2013 02:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	0.99	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.089	U	0.99	0.089
79-00-5	1,1,2-Trichloroethane	0.14	U	0.99	0.14
75-34-3	1,1-Dichloroethane	0.11	U	0.99	0.11
75-35-4	1,1-Dichloroethene	0.19	U	0.99	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	0.99	0.16
120-82-1	1,2,4-Trichlorobenzene	0.19	U	0.99	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	0.99	0.44
106-93-4	1,2-Dibromoethane	0.15	U	0.99	0.15
95-50-1	1,2-Dichlorobenzene	0.099	U	0.99	0.099
107-06-2	1,2-Dichloroethane	0.18	U	0.99	0.18
78-87-5	1,2-Dichloropropane	0.15	U	0.99	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	0.99	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	0.99	0.11
123-91-1	1,4-Dioxane	13	U	50	13
78-93-3	2-Butanone	0.62	U *	9.9	0.62
591-78-6	2-Hexanone	0.13	U	9.9	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	9.9	0.20
67-64-1	Acetone	1.7	U	9.9	1.7
71-43-2	Benzene	0.15	U	0.99	0.15
74-97-5	Bromochloromethane	0.11	U	0.99	0.11
75-27-4	Bromodichloromethane	0.32	U	0.99	0.32
75-25-2	Bromoform	0.17	U	0.99	0.17
74-83-9	Bromomethane	0.43	U	0.99	0.43
75-15-0	Carbon disulfide	0.15	U	0.99	0.15
56-23-5	Carbon tetrachloride	0.15	U	0.99	0.15
108-90-7	Chlorobenzene	0.18	U	0.99	0.18
75-00-3	Chloroethane	0.33	U	0.99	0.33
67-66-3	Chloroform	0.24	U	0.99	0.24
74-87-3	Chloromethane	0.16	U	0.99	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.99	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.99	0.14
110-82-7	Cyclohexane	0.13	U *	0.99	0.13
124-48-1	Dibromochloromethane	0.099	U	0.99	0.099
75-71-8	Dichlorodifluoromethane	0.22	U	0.99	0.22
100-41-4	Ethylbenzene	0.17	U	0.99	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD | Lab Sample ID: 460-52450-12

Matrix: Solid | Lab File ID: d30820.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:30

Sample wt/vol: 5.27(g) | Date Analyzed: 03/23/2013 02:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	0.99	0.11
98-82-8	Isopropylbenzene	0.11	U	0.99	0.11
79-20-9	Methyl acetate	0.32	U	0.99	0.32
108-87-2	Methylcyclohexane	0.099	U	0.99	0.099
75-09-2	Methylene Chloride	0.58	J B	0.99	0.15
1634-04-4	MTBE	0.11	U	0.99	0.11
100-42-5	Styrene	0.28	U	0.99	0.28
127-18-4	Tetrachloroethene	0.12	U	0.99	0.12
108-88-3	Toluene	0.15	J	0.99	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.99	0.13
10061-02-6	trans-1,3-Dichloropropene	0.099	U	0.99	0.099
79-01-6	Trichloroethene	0.12	U	0.99	0.12
75-69-4	Trichlorofluoromethane	0.16	U	0.99	0.16
75-01-4	Vinyl chloride	0.34	U	0.99	0.34
1330-20-7	Xylenes, Total	0.66	U	3.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD Lab Sample ID: 460-52450-12

Matrix: Solid Lab File ID: d30820.d

Analysis Method: 8260B Date Collected: 03/14/2013 11:30

Sample wt/vol: 5.27(g) Date Analyzed: 03/23/2013 02:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30820.d
Report Date: 25-Mar-2013 12:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30820.d
Lab Smp Id: 460-52450-D-12-A Client Smp ID: PMP-22-NE-VD
Inj Date : 23-MAR-2013 02:45
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-12-A;;;5.27;5
Misc Info : 460-52450-D-12-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.27000	Weight of sample extracted (g)
M	4.26716	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	2.463	2.457	(0.542)	2312	0.58468	0.58(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.942)	115128	53.8410	53
* 69 Fluorobenzene	96	4.545	4.546	(1.000)	514411	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	420326	56.3953	56
38 Toluene	91	6.287	6.287	(0.797)	2704	0.15212	0.15(a)
* 32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	291224	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	135709	46.2666	46
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	141828	50.0000	

QC Flag Legend

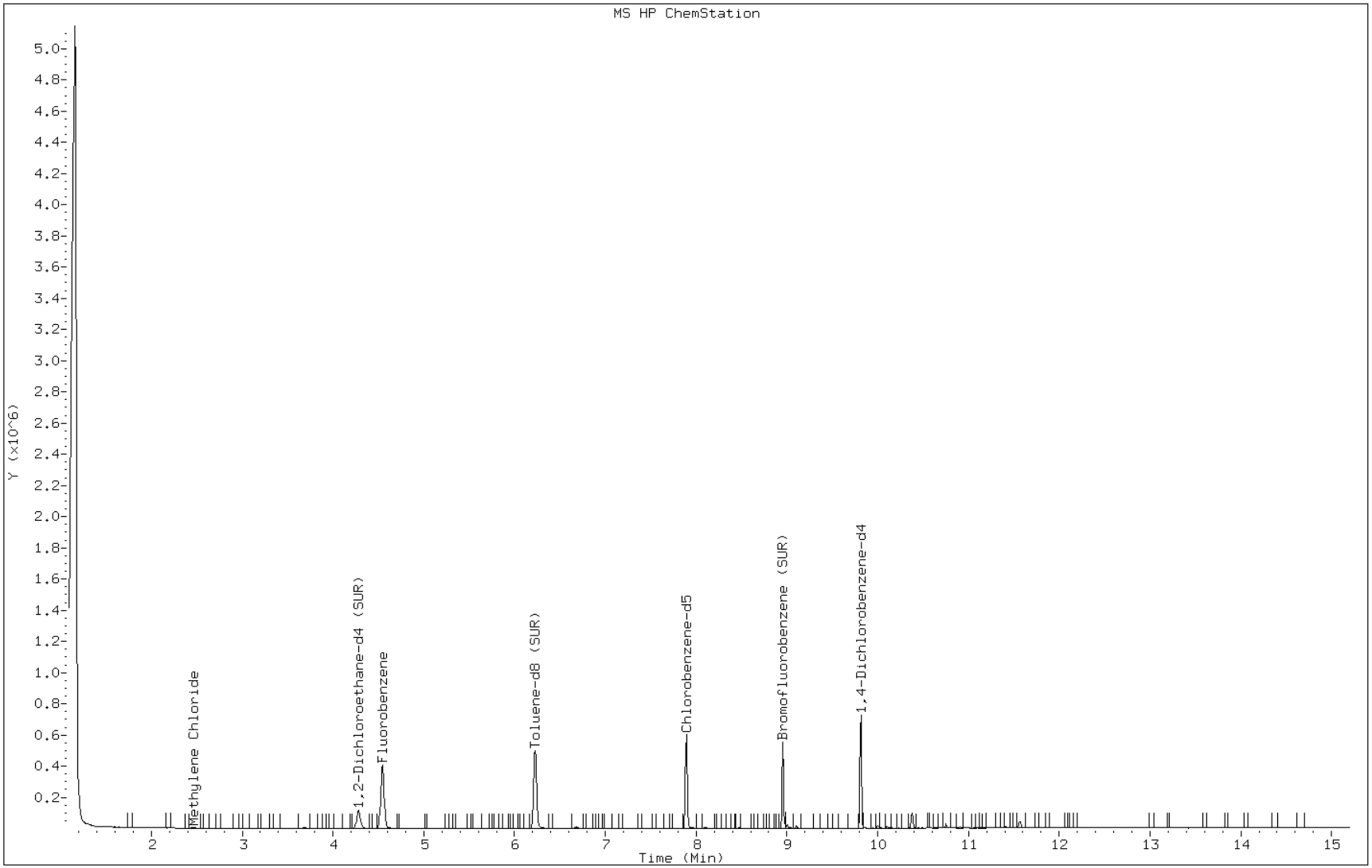
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30820.d

Date: 23-MAR-2013 02:45

Client ID: PMP-22-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-12-A;;;5.27;5 Operator: VOAMS 9



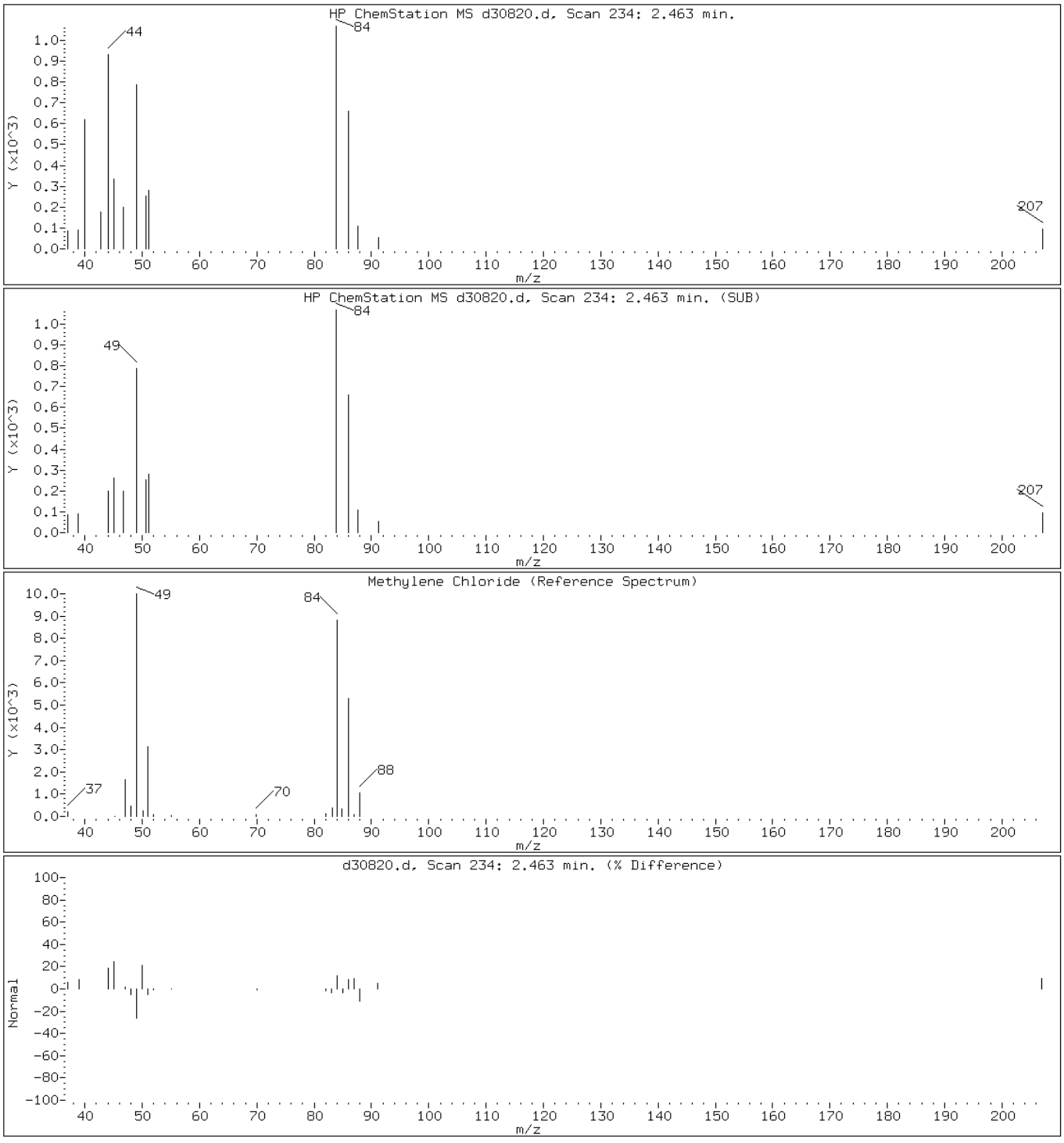
Data File: d30820.d

Date: 23-MAR-2013 02:45

Client ID: PMP-22-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-12-A;;;5.27;5 Operator: VOAMS 9

6 Methylene Chloride



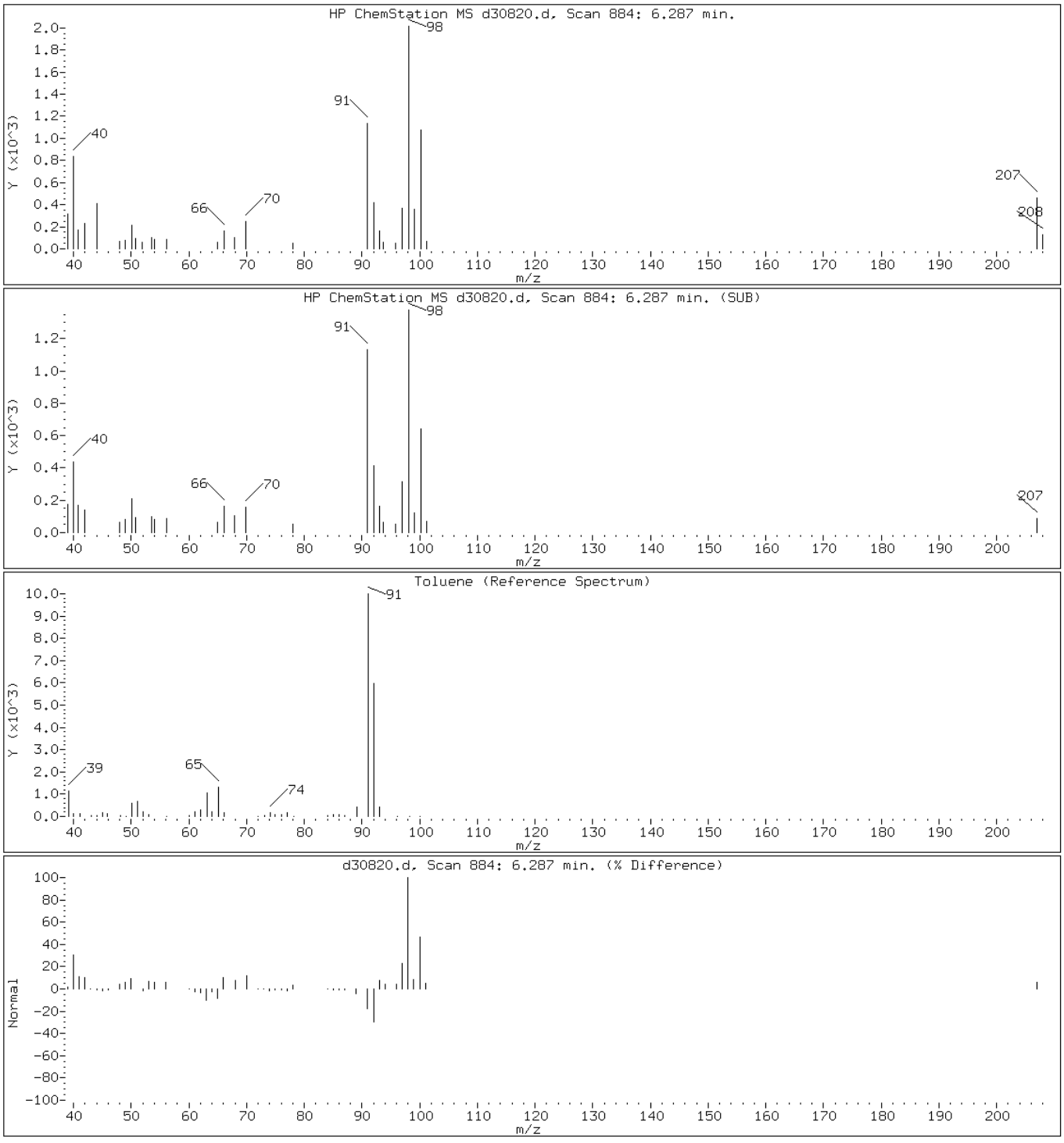
Data File: d30820.d

Date: 23-MAR-2013 02:45

Client ID: PMP-22-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-12-A;;;5.27;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT | Lab Sample ID: 460-52450-13

Matrix: Solid | Lab File ID: d30821.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:35

Sample wt/vol: 4.78(g) | Date Analyzed: 03/23/2013 03:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.0 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.2	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.2	0.16
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.2	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U	1.2	0.51
106-93-4	1,2-Dibromoethane	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
78-87-5	1,2-Dichloropropane	0.17	U	1.2	0.17
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
123-91-1	1,4-Dioxane	15	U	58	15
78-93-3	2-Butanone	0.73	U *	12	0.73
591-78-6	2-Hexanone	0.15	U	12	0.15
108-10-1	4-Methyl-2-pentanone	0.23	U	12	0.23
67-64-1	Acetone	2.0	U	12	2.0
71-43-2	Benzene	0.17	U	1.2	0.17
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.37	U	1.2	0.37
75-25-2	Bromoform	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.50	U	1.2	0.50
75-15-0	Carbon disulfide	0.17	U	1.2	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.2	0.17
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
75-00-3	Chloroethane	0.38	U	1.2	0.38
67-66-3	Chloroform	1.4		1.2	0.28
74-87-3	Chloromethane	0.19	U	1.2	0.19
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.2	0.16
110-82-7	Cyclohexane	0.15	U *	1.2	0.15
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
75-71-8	Dichlorodifluoromethane	0.26	U	1.2	0.26
100-41-4	Ethylbenzene	0.20	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT | Lab Sample ID: 460-52450-13

Matrix: Solid | Lab File ID: d30821.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:35

Sample wt/vol: 4.78(g) | Date Analyzed: 03/23/2013 03:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.0 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.13	U	1.2	0.13
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.37	U	1.2	0.37
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
75-09-2	Methylene Chloride	0.81	J B	1.2	0.17
1634-04-4	MTBE	0.13	U	1.2	0.13
100-42-5	Styrene	0.33	U	1.2	0.33
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.16	U	1.2	0.16
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
79-01-6	Trichloroethene	0.14	U	1.2	0.14
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-01-4	Vinyl chloride	0.40	U	1.2	0.40
1330-20-7	Xylenes, Total	0.78	U	3.5	0.78

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT Lab Sample ID: 460-52450-13

Matrix: Solid Lab File ID: d30821.d

Analysis Method: 8260B Date Collected: 03/14/2013 11:35

Sample wt/vol: 4.78(g) Date Analyzed: 03/23/2013 03:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.0 Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30821.d
Report Date: 25-Mar-2013 12:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30821.d
Lab Smp Id: 460-52450-D-13-A Client Smp ID: PMP-22-NE-WT
Inj Date : 23-MAR-2013 03:08
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-13-A;;;40.78;5
Misc Info : 460-52450-D-13-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	4.78000	Weight of sample extracted (g)
M	9.98217	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.457	2.457	(0.540)	1675	0.69479	0.81(a)
	15 Chloroform	83	3.687	3.675	(0.810)	5592	1.16347	1.4
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.293	4.287	(0.943)	67885	52.0614	60
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	313693	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	243013	46.7040	54
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	203310	50.0000	
	44 o-Xylene	106	8.463	8.469	(1.072)	1025	0.20225	0.24(a)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	107095	45.0895	52
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	114846	50.0000	

QC Flag Legend

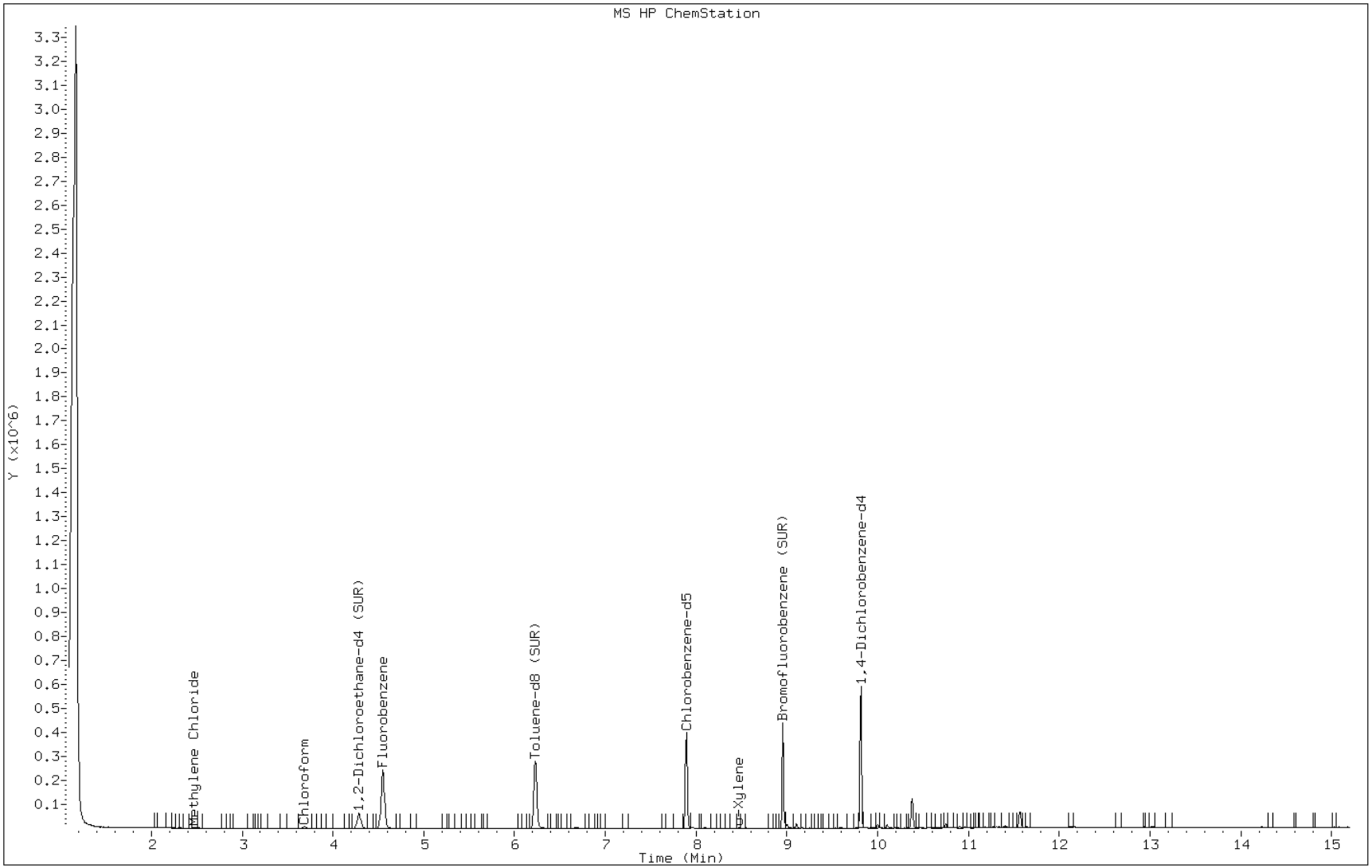
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30821.d

Date: 23-MAR-2013 03:08

Client ID: PMP-22-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-13-A;;;40.78;5 Operator: VOAMS 9



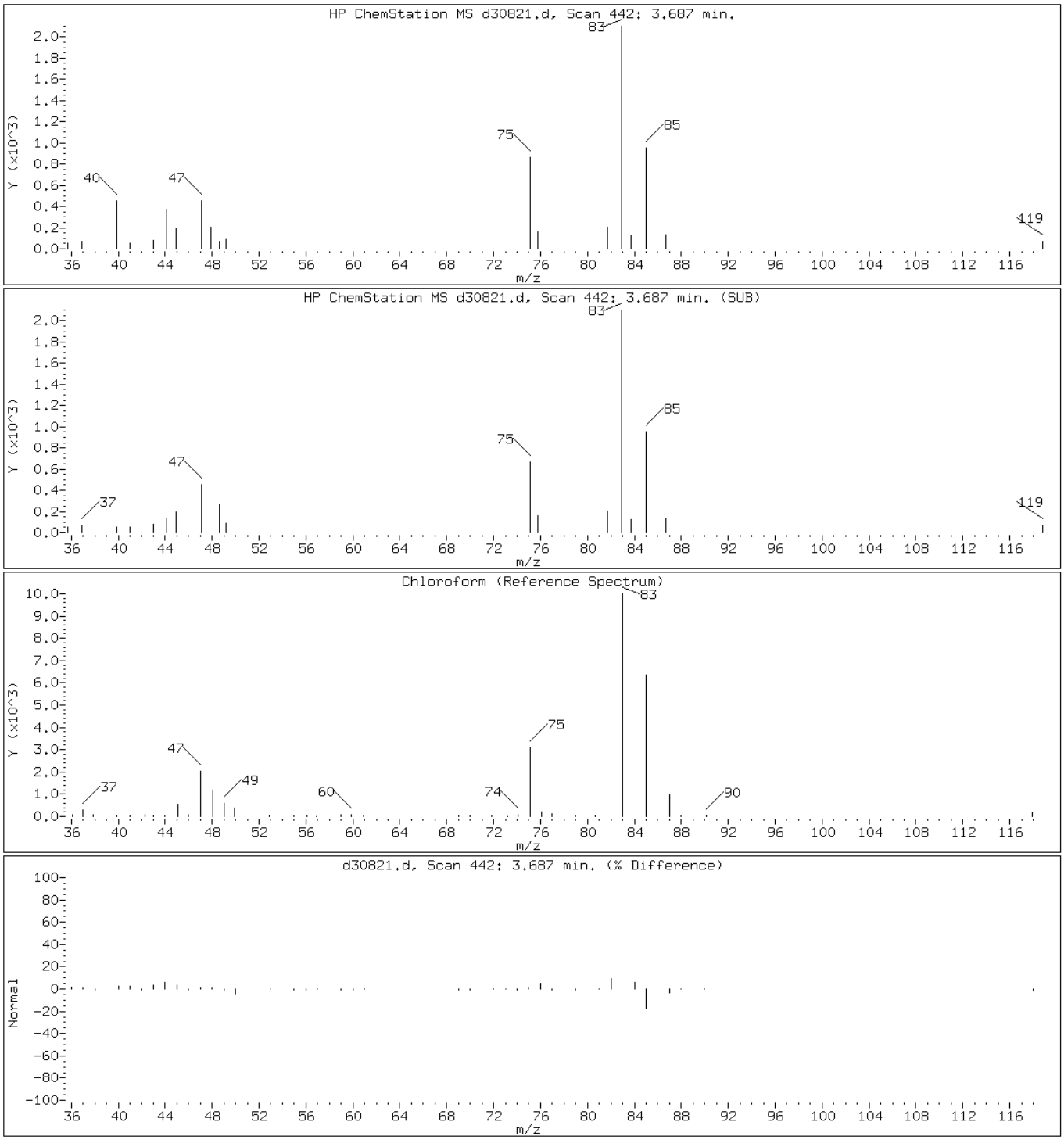
Data File: d30821.d

Date: 23-MAR-2013 03:08

Client ID: PMP-22-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-13-A;;;40.78;5 Operator: VOAMS 9

15 Chloroform



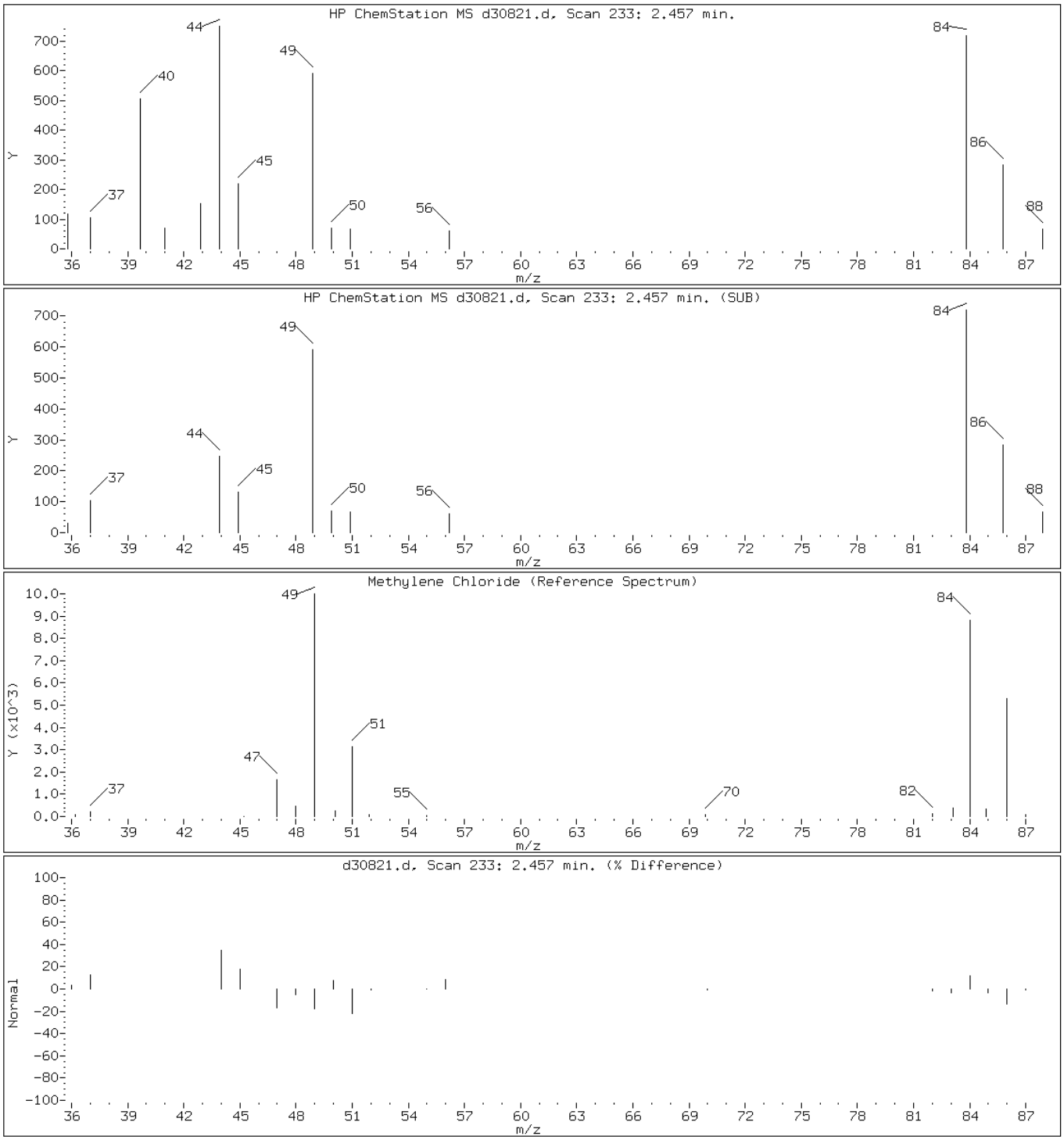
Data File: d30821.d

Date: 23-MAR-2013 03:08

Client ID: PMP-22-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-13-A;;;40.78;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD | Lab Sample ID: 460-52450-14

Matrix: Solid | Lab File ID: d30822.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:50

Sample wt/vol: 5.45(g) | Date Analyzed: 03/23/2013 03:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	0.96	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.087	U	0.96	0.087
79-00-5	1,1,2-Trichloroethane	0.13	U	0.96	0.13
75-34-3	1,1-Dichloroethane	0.11	U	0.96	0.11
75-35-4	1,1-Dichloroethene	0.18	U	0.96	0.18
87-61-6	1,2,3-Trichlorobenzene	1.2		0.96	0.15
120-82-1	1,2,4-Trichlorobenzene	3.9		0.96	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.96	0.42
106-93-4	1,2-Dibromoethane	0.14	U	0.96	0.14
95-50-1	1,2-Dichlorobenzene	0.24	J	0.96	0.096
107-06-2	1,2-Dichloroethane	0.17	U	0.96	0.17
78-87-5	1,2-Dichloropropane	0.14	U	0.96	0.14
541-73-1	1,3-Dichlorobenzene	0.15	U	0.96	0.15
106-46-7	1,4-Dichlorobenzene	0.35	J	0.96	0.11
123-91-1	1,4-Dioxane	12	U	48	12
78-93-3	2-Butanone	0.61	U *	9.6	0.61
591-78-6	2-Hexanone	0.13	U	9.6	0.13
108-10-1	4-Methyl-2-pentanone	0.19	U	9.6	0.19
67-64-1	Acetone	1.6	U	9.6	1.6
71-43-2	Benzene	0.14	U	0.96	0.14
74-97-5	Bromochloromethane	0.11	U	0.96	0.11
75-27-4	Bromodichloromethane	0.31	U	0.96	0.31
75-25-2	Bromoform	0.16	U	0.96	0.16
74-83-9	Bromomethane	0.41	U	0.96	0.41
75-15-0	Carbon disulfide	0.14	U	0.96	0.14
56-23-5	Carbon tetrachloride	0.14	U	0.96	0.14
108-90-7	Chlorobenzene	0.24	J	0.96	0.17
75-00-3	Chloroethane	0.32	U	0.96	0.32
67-66-3	Chloroform	2.5		0.96	0.23
74-87-3	Chloromethane	0.15	U	0.96	0.15
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.96	0.11
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.96	0.13
110-82-7	Cyclohexane	0.13	U *	0.96	0.13
124-48-1	Dibromochloromethane	0.096	U	0.96	0.096
75-71-8	Dichlorodifluoromethane	0.21	U	0.96	0.21
100-41-4	Ethylbenzene	0.16	U	0.96	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD | Lab Sample ID: 460-52450-14

Matrix: Solid | Lab File ID: d30822.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:50

Sample wt/vol: 5.45(g) | Date Analyzed: 03/23/2013 03:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	0.96	0.11
98-82-8	Isopropylbenzene	0.11	U	0.96	0.11
79-20-9	Methyl acetate	0.31	U	0.96	0.31
108-87-2	Methylcyclohexane	0.096	U	0.96	0.096
75-09-2	Methylene Chloride	0.97	B	0.96	0.14
1634-04-4	MTBE	0.11	U	0.96	0.11
100-42-5	Styrene	0.27	U	0.96	0.27
127-18-4	Tetrachloroethene	0.15	J	0.96	0.12
108-88-3	Toluene	0.13	U	0.96	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.96	0.13
10061-02-6	trans-1,3-Dichloropropene	0.096	U	0.96	0.096
79-01-6	Trichloroethene	0.92	J	0.96	0.12
75-69-4	Trichlorofluoromethane	0.15	U	0.96	0.15
75-01-4	Vinyl chloride	0.33	U	0.96	0.33
1330-20-7	Xylenes, Total	0.65	U	2.9	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD Lab Sample ID: 460-52450-14

Matrix: Solid Lab File ID: d30822.d

Analysis Method: 8260B Date Collected: 03/14/2013 11:50

Sample wt/vol: 5.45(g) Date Analyzed: 03/23/2013 03:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30822.d
Report Date: 25-Mar-2013 12:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30822.d
Lab Smp Id: 460-52450-D-14-A Client Smp ID: PMP-6-NE-VD
Inj Date : 23-MAR-2013 03:31
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-14-A;;;5.45;5
Misc Info : 460-52450-D-14-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.45000	Weight of sample extracted (g)
M	4.78632	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.475	2.457	(0.544)	2685	1.00601	0.97
	15 Chloroform	83	3.675	3.675	(0.807)	13683	2.57155	2.5
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	75706	52.4516	50
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	347227	50.0000	
	25 Trichloroethene	95	4.710	4.710	(1.035)	3132	0.95287	0.92(a)
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	269981	46.1789	44
	35 Tetrachloroethene	166	6.733	6.734	(0.853)	701	0.15942	0.15(a)
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	228441	50.0000	
	39 Chlorobenzene	112	7.910	7.910	(1.002)	2237	0.25407	0.24(a)
	44 o-Xylene	106	8.469	8.469	(1.073)	1703	0.29900	0.29(a)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	123887	48.2770	46
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	124082	50.0000	
	68 1,4-Dichlorobenzene	146	9.827	9.828	(1.001)	2719	0.35888	0.34(a)
	69 1,2-Dichlorobenzene	146	10.133	10.128	(1.032)	1733	0.24787	0.24(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30822.d
Report Date: 25-Mar-2013 12:45

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
93 1,2,4-Trichlorobenzene	180	11.180	11.180	(1.139)	22342	4.01325	3.9
98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	5888	1.20573	1.2

QC Flag Legend

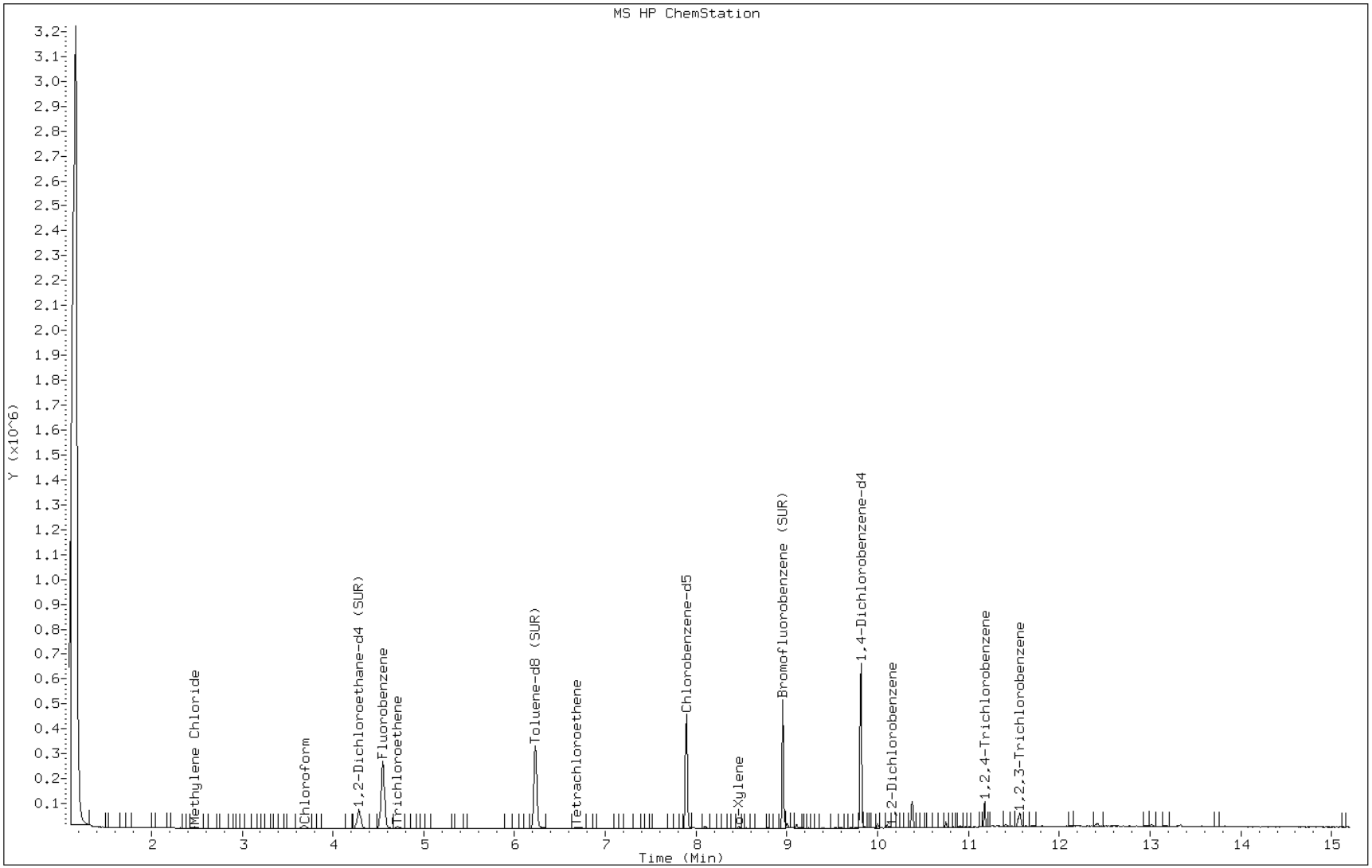
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9



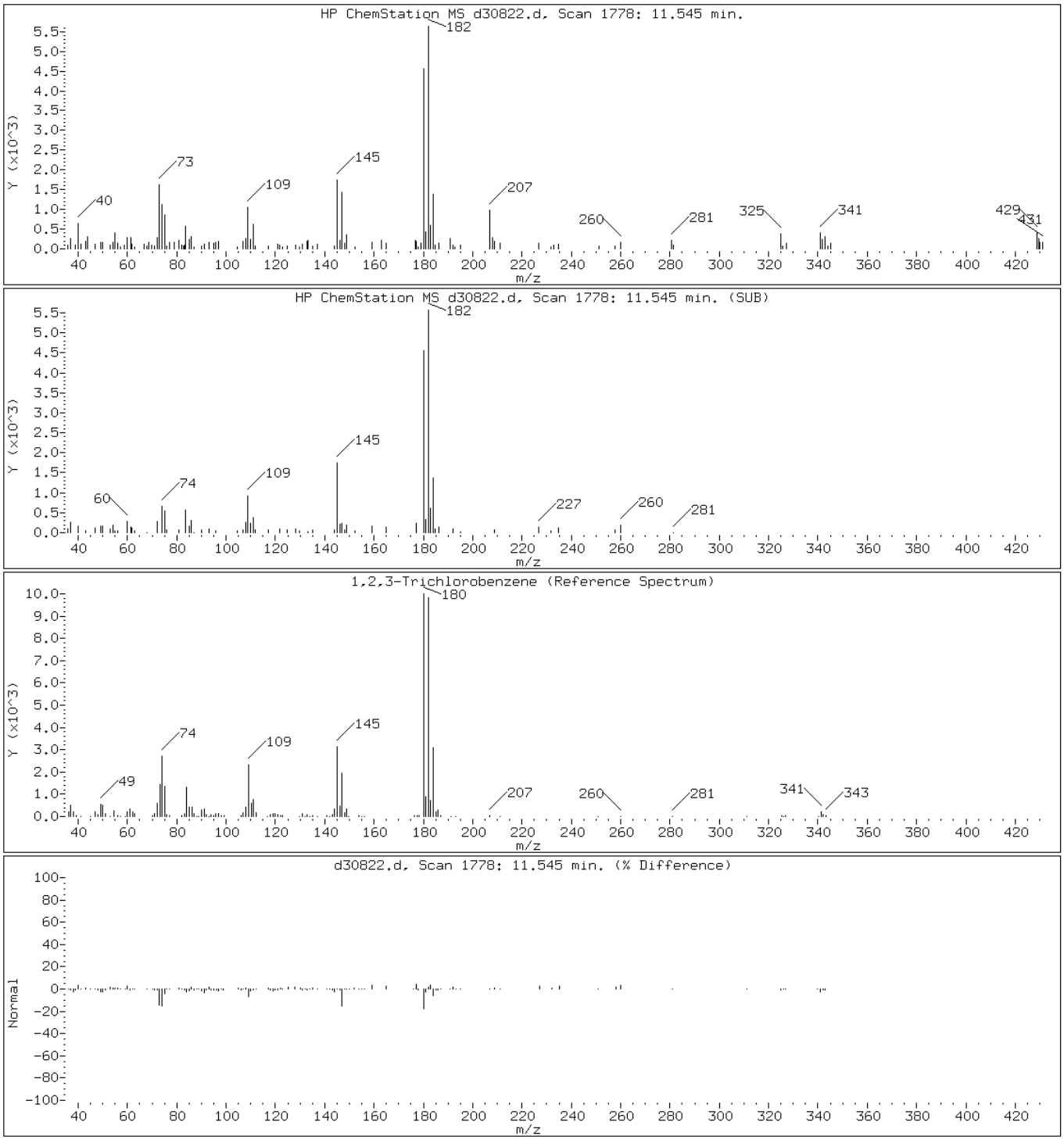
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



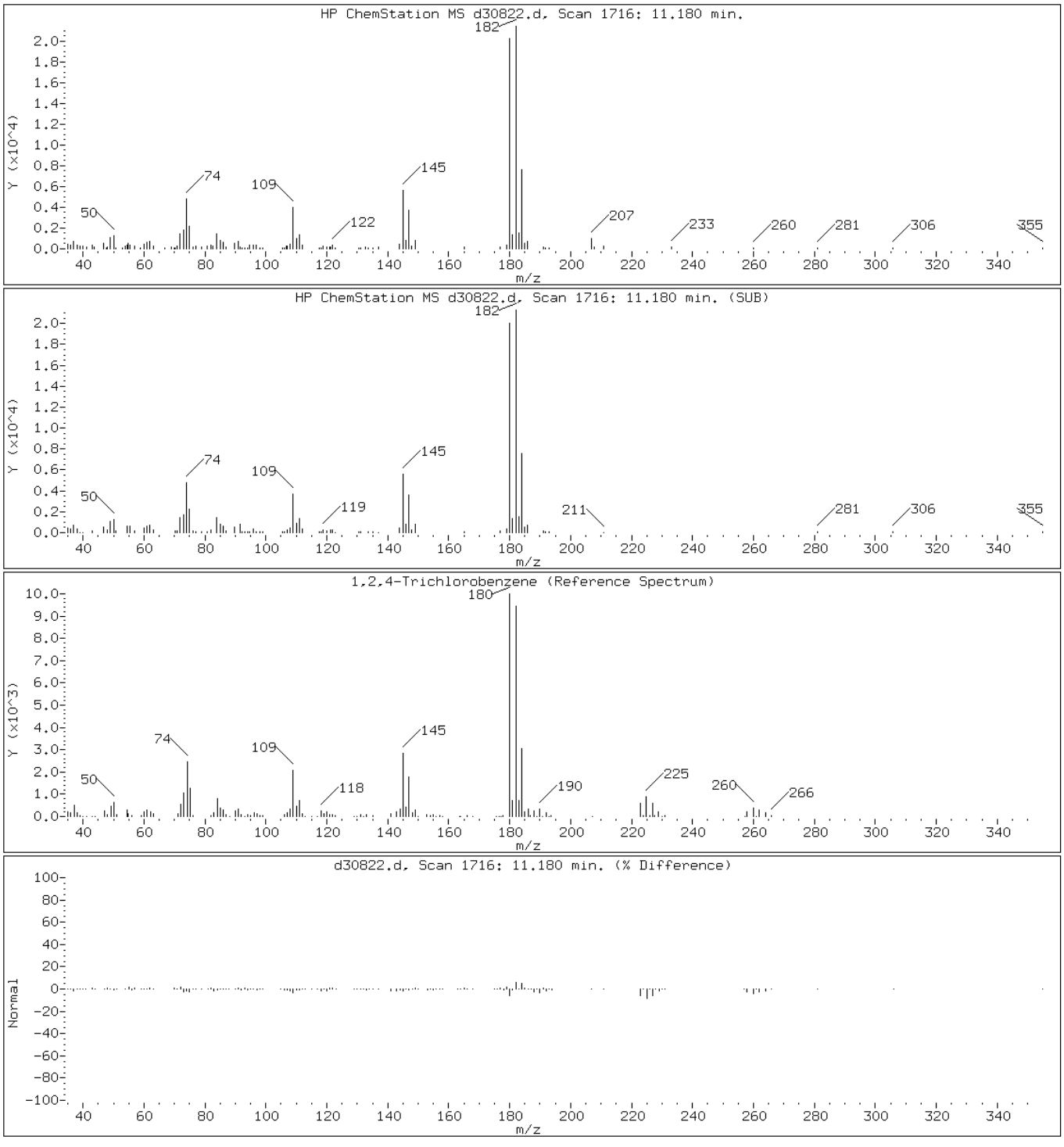
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



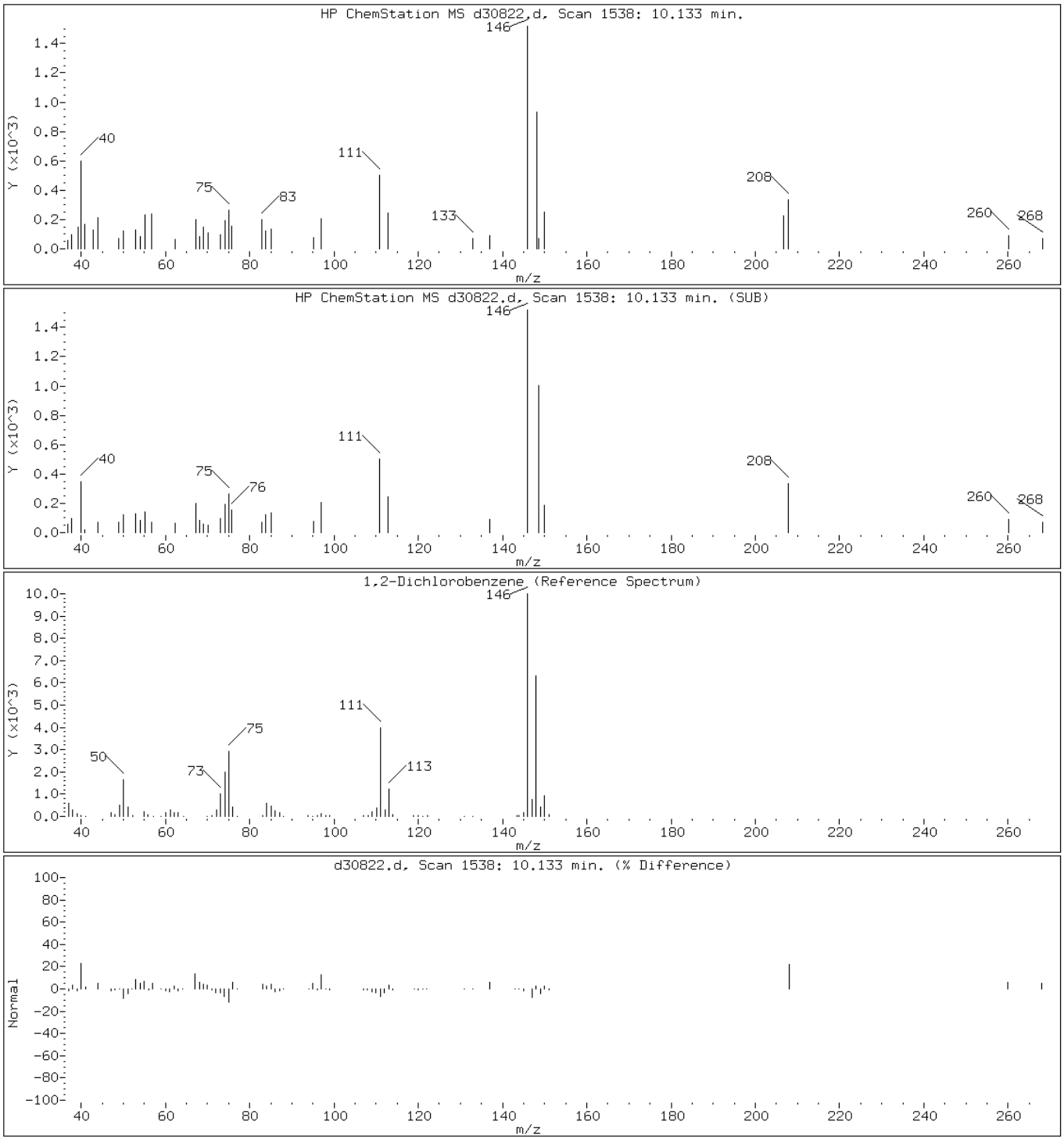
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



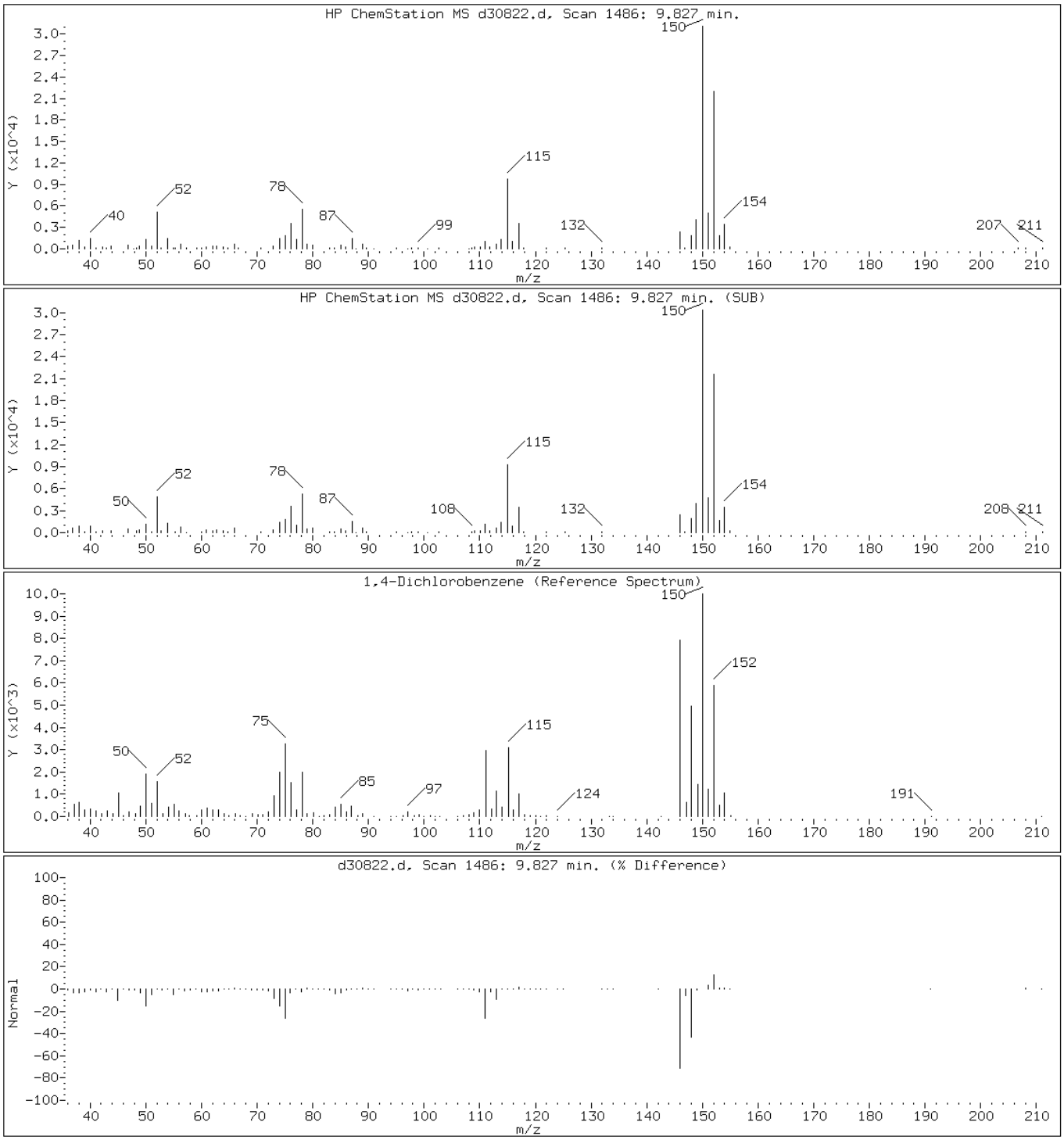
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



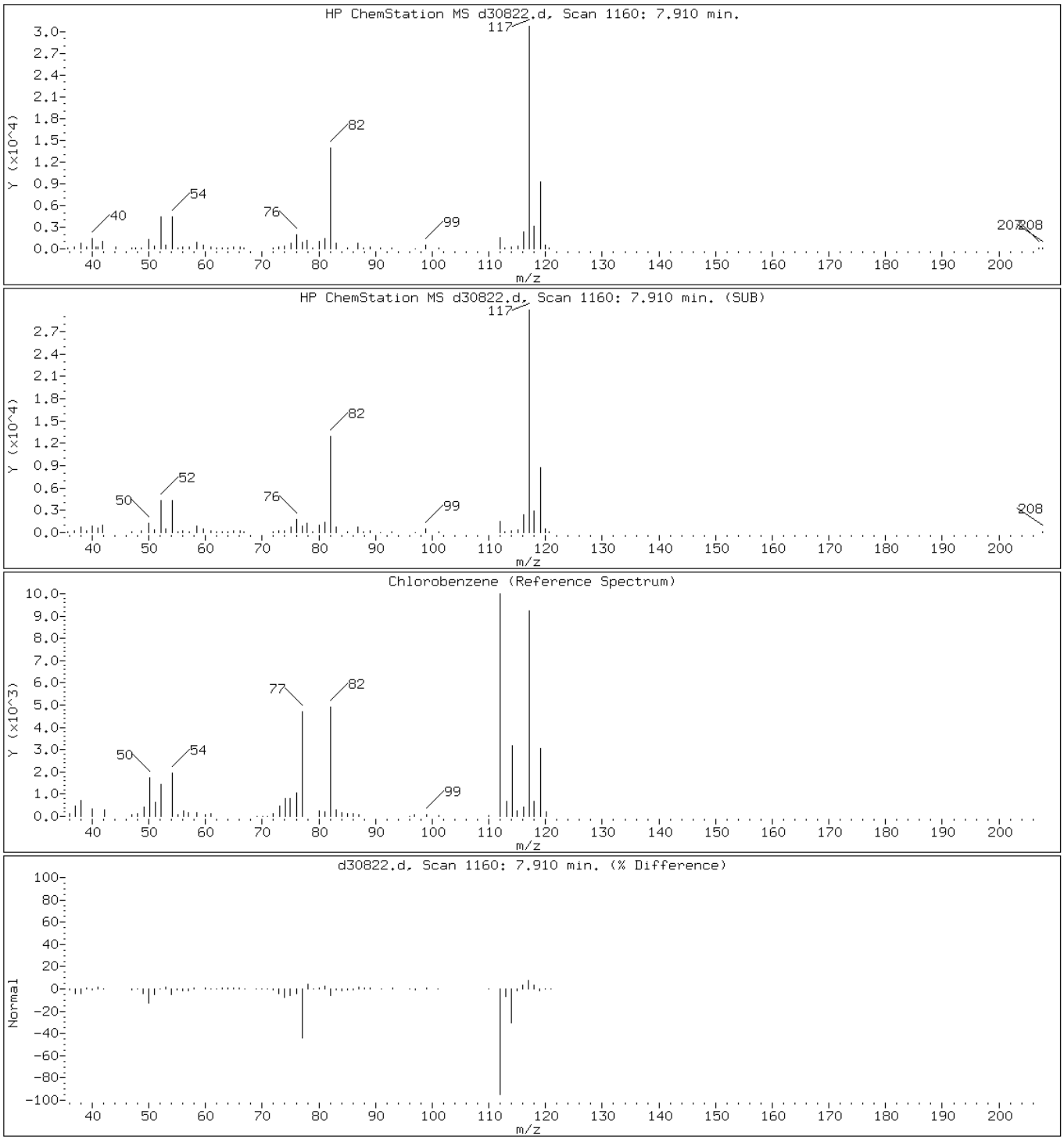
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

39 Chlorobenzene



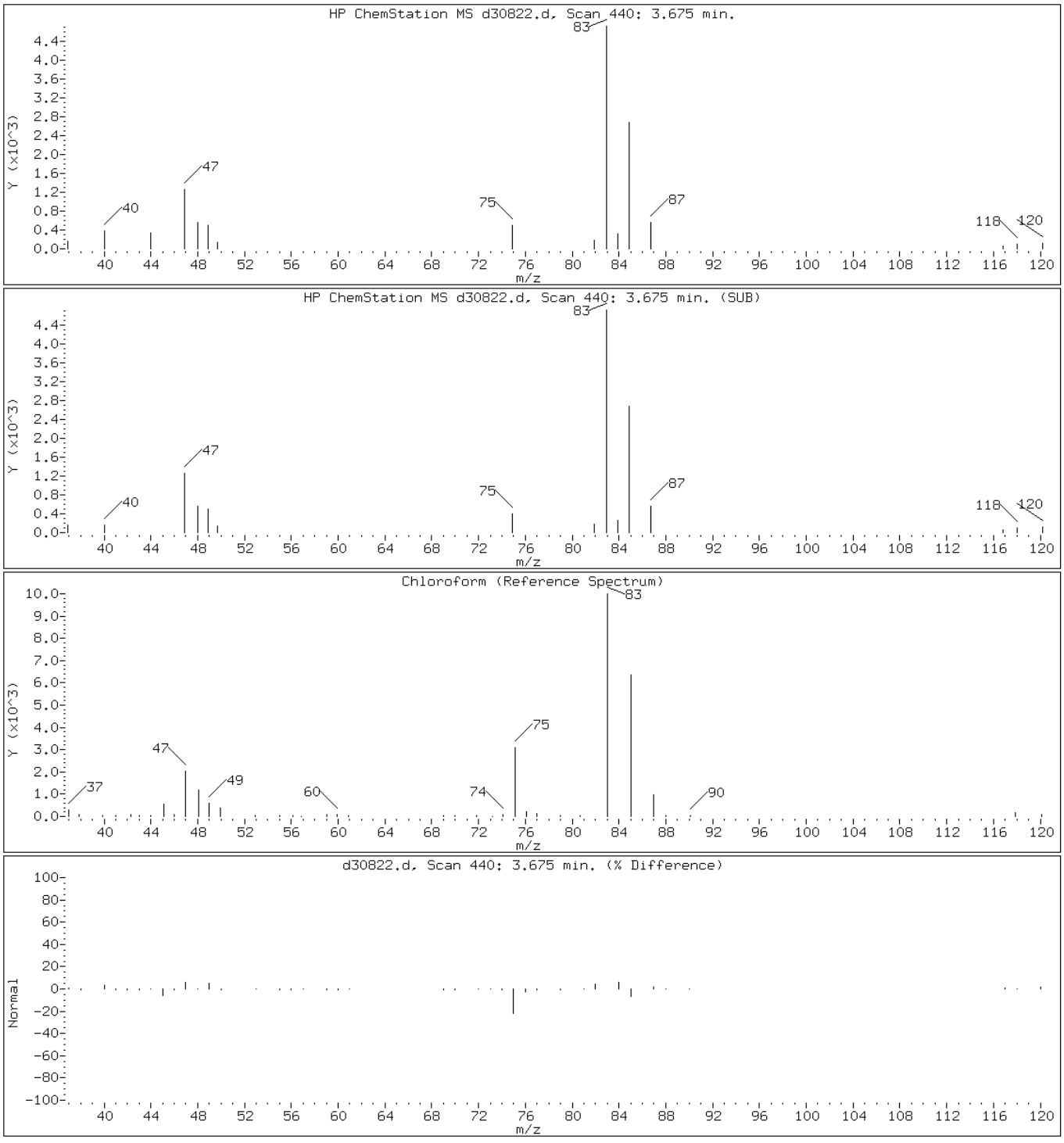
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

15 Chloroform



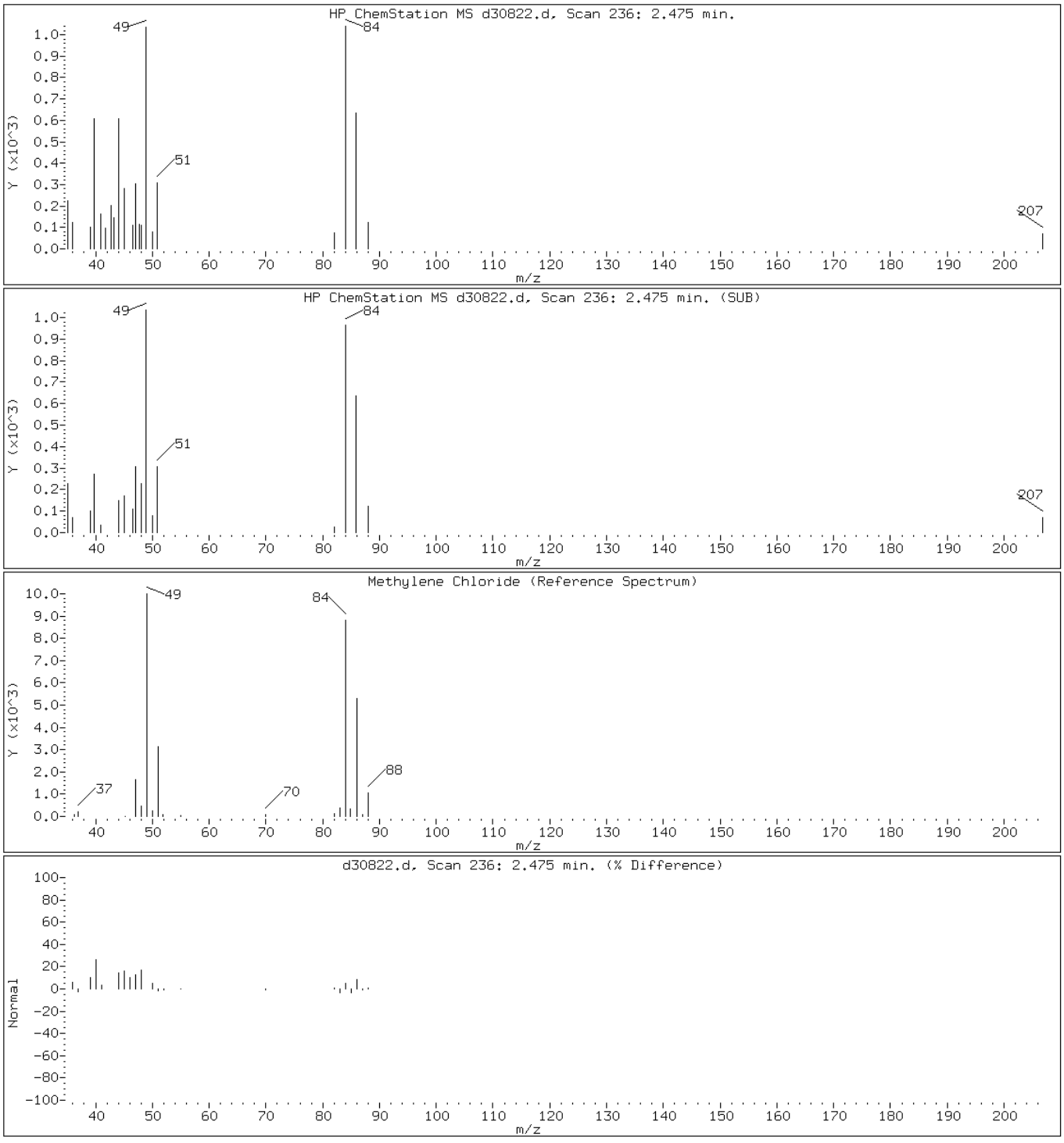
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

6 Methylene Chloride



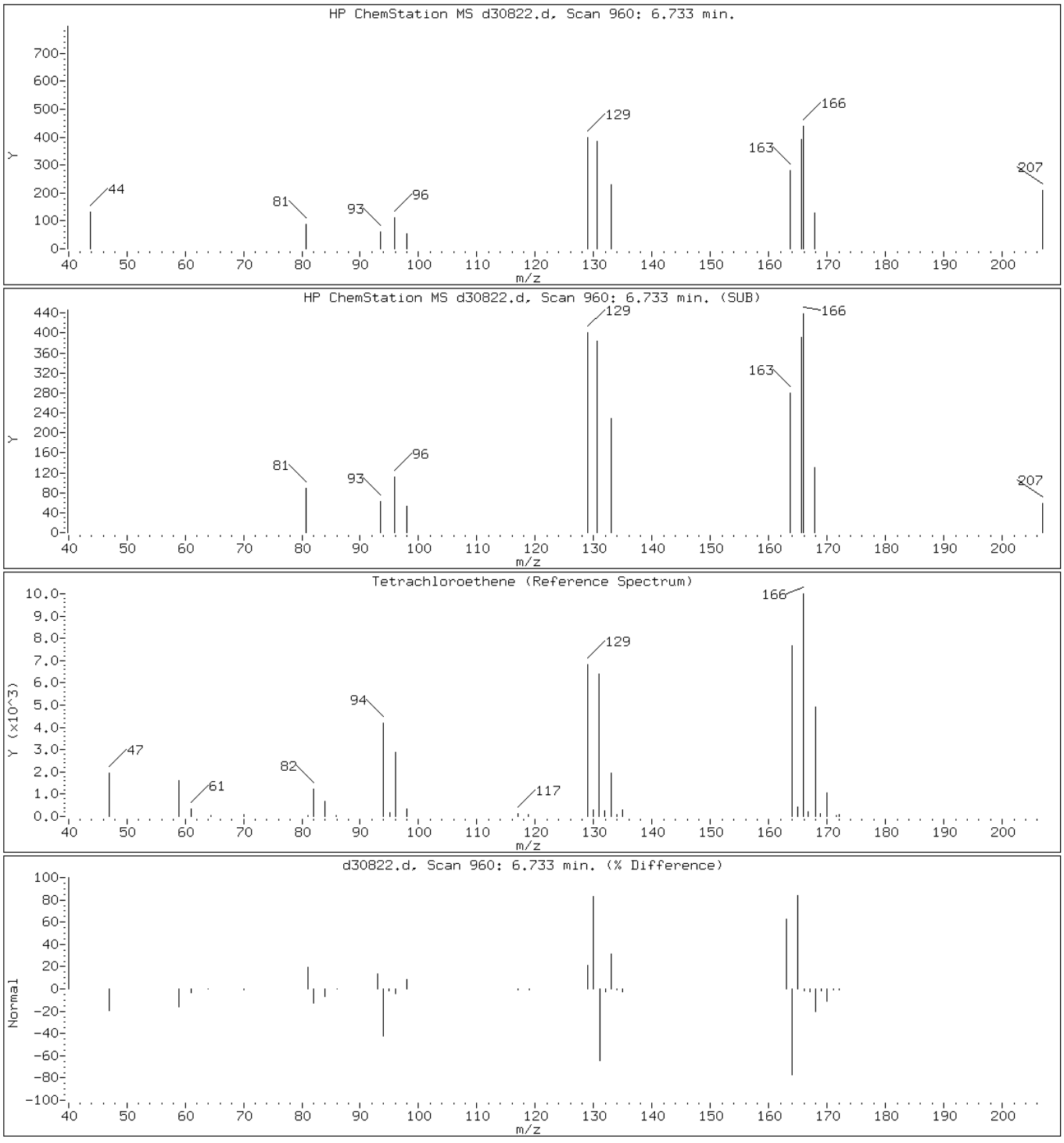
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

35 Tetrachloroethene



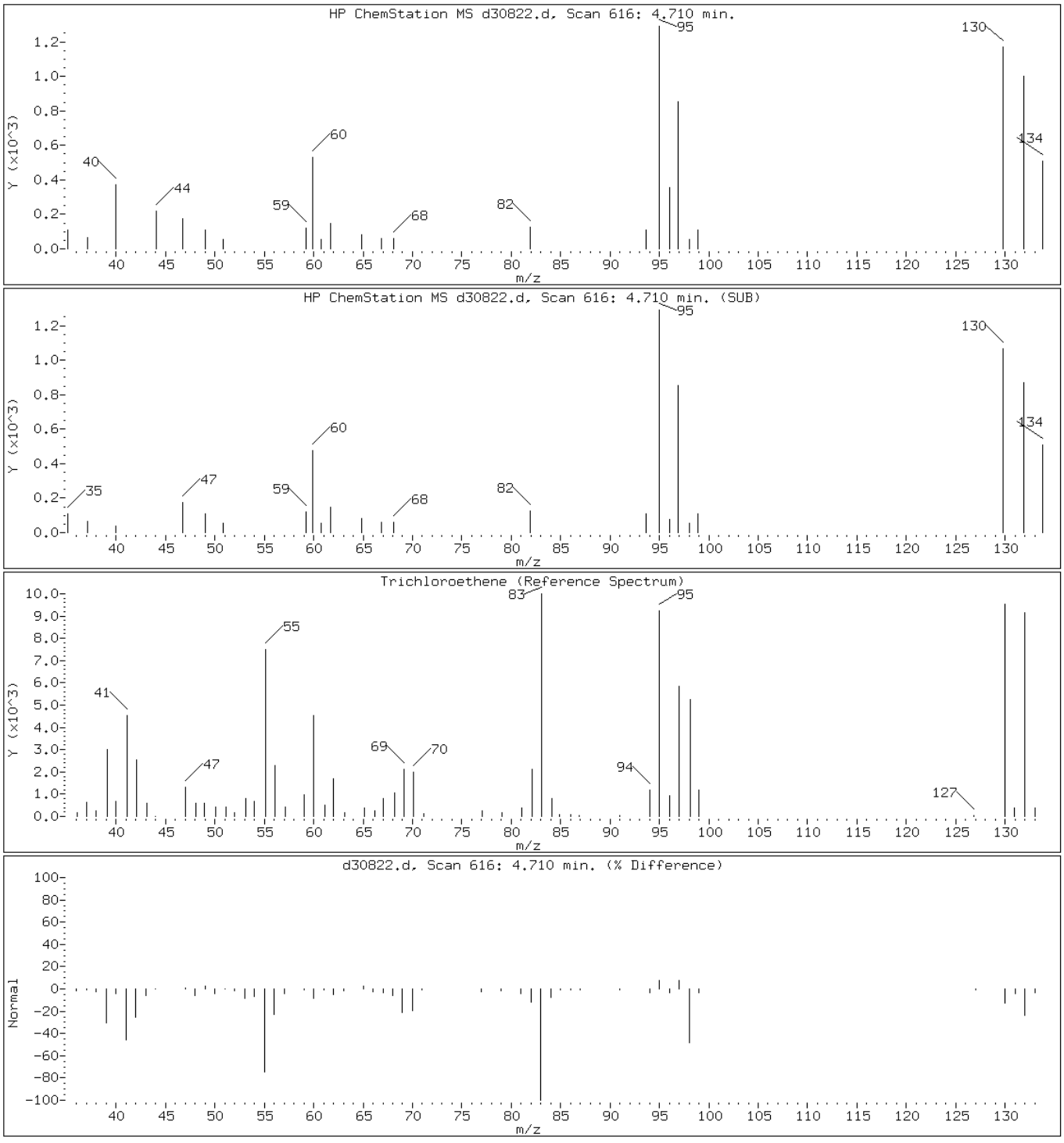
Data File: d30822.d

Date: 23-MAR-2013 03:31

Client ID: PMP-6-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-14-A;;;5.45;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT | Lab Sample ID: 460-52450-15

Matrix: Solid | Lab File ID: d30823.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:55

Sample wt/vol: 5.9(g) | Date Analyzed: 03/23/2013 03:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.95	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	3.5		0.95	0.15
120-82-1	1,2,4-Trichlorobenzene	3.6		0.95	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
95-50-1	1,2-Dichlorobenzene	0.22	J	0.95	0.095
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
78-87-5	1,2-Dichloropropane	0.14	U	0.95	0.14
541-73-1	1,3-Dichlorobenzene	0.15	U	0.95	0.15
106-46-7	1,4-Dichlorobenzene	0.37	J	0.95	0.10
123-91-1	1,4-Dioxane	12	U	47	12
78-93-3	2-Butanone	0.60	U *	9.5	0.60
591-78-6	2-Hexanone	0.12	U	9.5	0.12
108-10-1	4-Methyl-2-pentanone	0.19	U	9.5	0.19
67-64-1	Acetone	4.2	J B	9.5	1.6
71-43-2	Benzene	0.14	U	0.95	0.14
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.30	U	0.95	0.30
75-25-2	Bromoform	0.16	U	0.95	0.16
74-83-9	Bromomethane	0.41	U	0.95	0.41
75-15-0	Carbon disulfide	0.14	U	0.95	0.14
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
108-90-7	Chlorobenzene	0.23	J	0.95	0.17
75-00-3	Chloroethane	0.31	U	0.95	0.31
67-66-3	Chloroform	10		0.95	0.23
74-87-3	Chloromethane	0.15	U	0.95	0.15
156-59-2	cis-1,2-Dichloroethene	0.51	J	0.95	0.10
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.95	0.13
110-82-7	Cyclohexane	0.12	U *	0.95	0.12
124-48-1	Dibromochloromethane	0.095	U	0.95	0.095
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
100-41-4	Ethylbenzene	0.16	U	0.95	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT | Lab Sample ID: 460-52450-15

Matrix: Solid | Lab File ID: d30823.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:55

Sample wt/vol: 5.9(g) | Date Analyzed: 03/23/2013 03:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.10	U	0.95	0.10
98-82-8	Isopropylbenzene	0.10	U	0.95	0.10
79-20-9	Methyl acetate	0.30	U	0.95	0.30
108-87-2	Methylcyclohexane	0.095	U	0.95	0.095
75-09-2	Methylene Chloride	0.82	J B	0.95	0.14
1634-04-4	MTBE	0.10	U	0.95	0.10
100-42-5	Styrene	0.26	U	0.95	0.26
127-18-4	Tetrachloroethene	0.72	J	0.95	0.11
108-88-3	Toluene	0.13	U	0.95	0.13
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
10061-02-6	trans-1,3-Dichloropropene	0.095	U	0.95	0.095
79-01-6	Trichloroethene	1.8		0.95	0.11
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-01-4	Vinyl chloride	0.32	U	0.95	0.32
1330-20-7	Xylenes, Total	0.63	U	2.8	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT | Lab Sample ID: 460-52450-15

Matrix: Solid | Lab File ID: d30823.d

Analysis Method: 8260B | Date Collected: 03/14/2013 11:55

Sample wt/vol: 5.9(g) | Date Analyzed: 03/23/2013 03:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 874

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydromethylnaphthalene isomer	10.89	13	J
	Unknown-3	11.01	17	J
	Unknown-4	11.27	24	J
	Unknown Cycloalkane	11.66	20	J
	Unknown-5	11.81	43	J
	Unknown Cycloalkane-1	12.36	51	J
	Unknown-6	12.42	290	J
	Unknown-7	12.96	66	J
	Unknown-8	13.17	150	J
	Unknown-9	13.33	200	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30823.d
Report Date: 25-Mar-2013 12:56

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30823.d
Lab Smp Id: 460-52450-D-15-A Client Smp ID: PMP-6-NE-WT
Inj Date : 23-MAR-2013 03:53
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-15-A;;;5.90;5
Misc Info : 460-52450-D-15-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.90000	Weight of sample extracted (g)
M	10.44521	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				1780	0.53580	0.51(a)
	6 Methylene Chloride	84	2.475	2.457	(0.544)	2227	0.87004	0.82(a)
	7 Acetone	43	2.522	2.510	(0.554)	3821	4.48004	4.2(a)
	13 cis-1,2-Dichloroethene	96	3.440	3.440	(0.756)	1780	0.53580	0.51(a)
	15 Chloroform	83	3.681	3.675	(0.809)	55154	10.8054	10
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.941)	73098	52.7942	50
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	333093	50.0000	
	25 Trichloroethene	95	4.716	4.710	(1.036)	6141	1.94734	1.8
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	254563	45.8379	43
	35 Tetrachloroethene	166	6.739	6.734	(0.854)	3167	0.75717	0.72(a)
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	216997	50.0000	
	39 Chlorobenzene	112	7.904	7.910	(1.001)	2030	0.24276	0.23(aH)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	117125	46.3715	44
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	122130	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30823.d
Report Date: 25-Mar-2013 12:56

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
68 1,4-Dichlorobenzene	146	9.822	9.828	(1.001)	2951	0.39566	0.37(a)
69 1,2-Dichlorobenzene	146	10.122	10.128	(1.031)	1596	0.23200	0.22(aH)
93 1,2,4-Trichlorobenzene	180	11.180	11.180	(1.139)	21115	3.85352	3.6
70 Naphthalene	128	11.410	11.410	(1.162)	3399	0.39981	0.38(a)
98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	17635	3.66883	3.5

QC Flag Legend

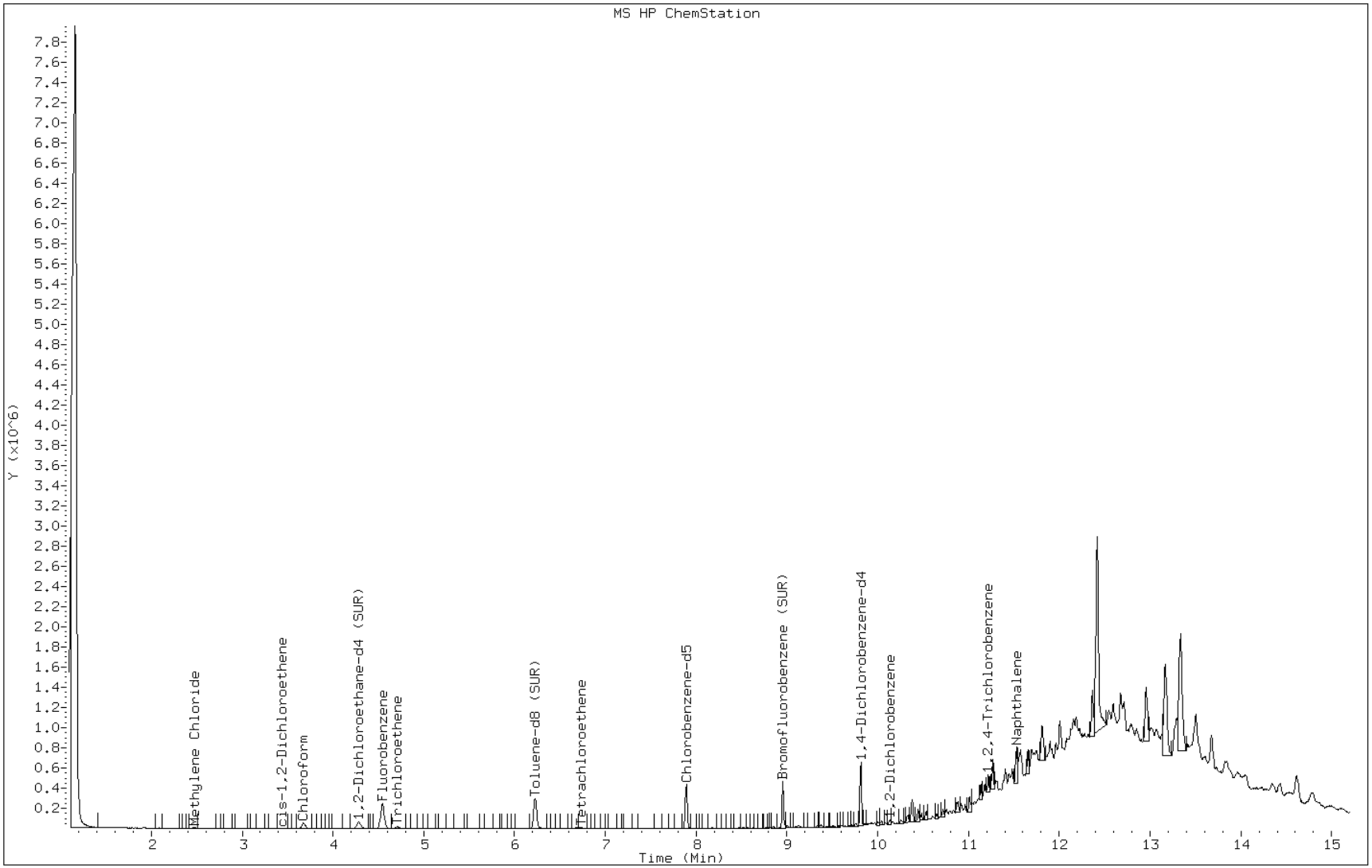
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9



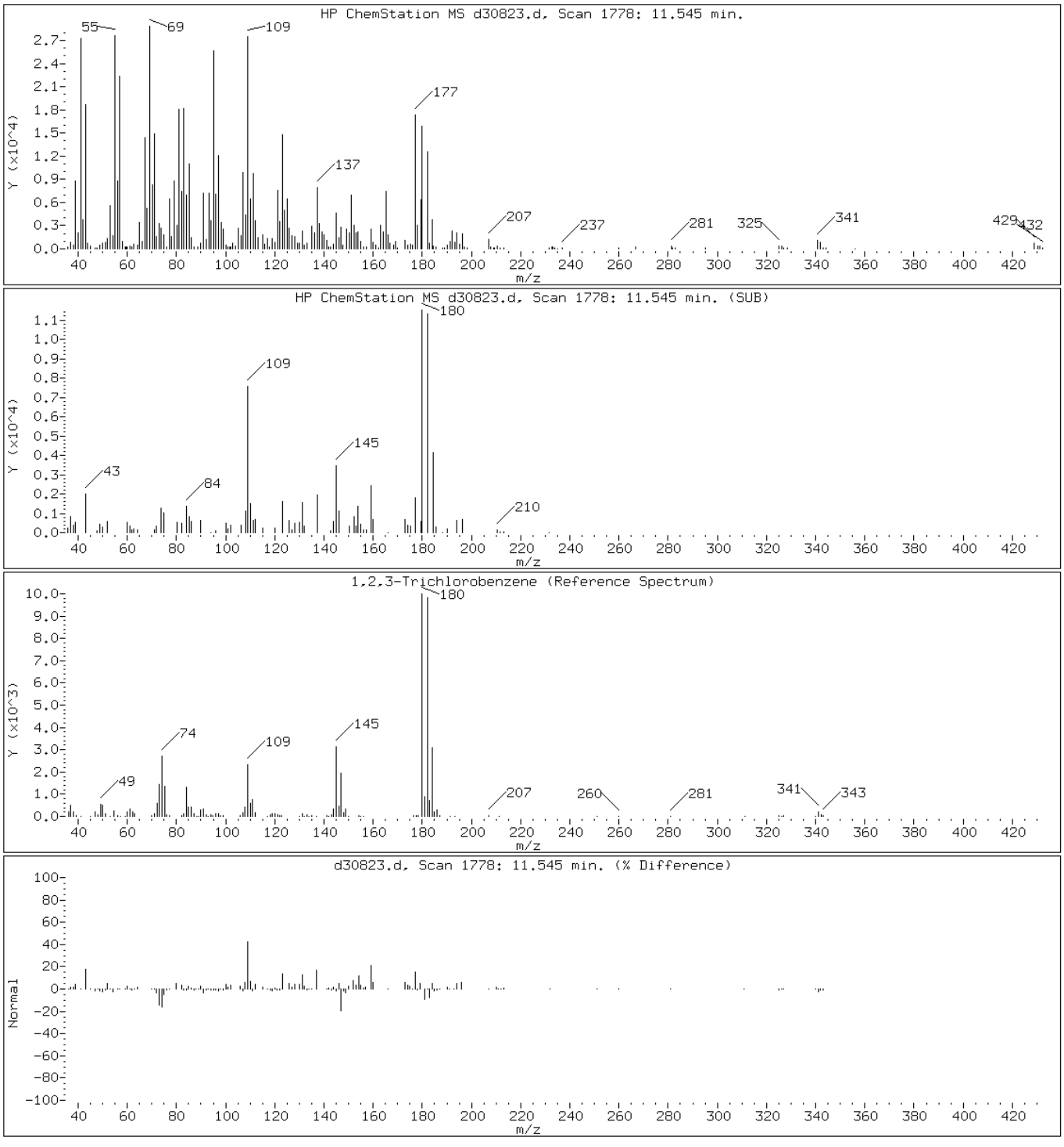
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



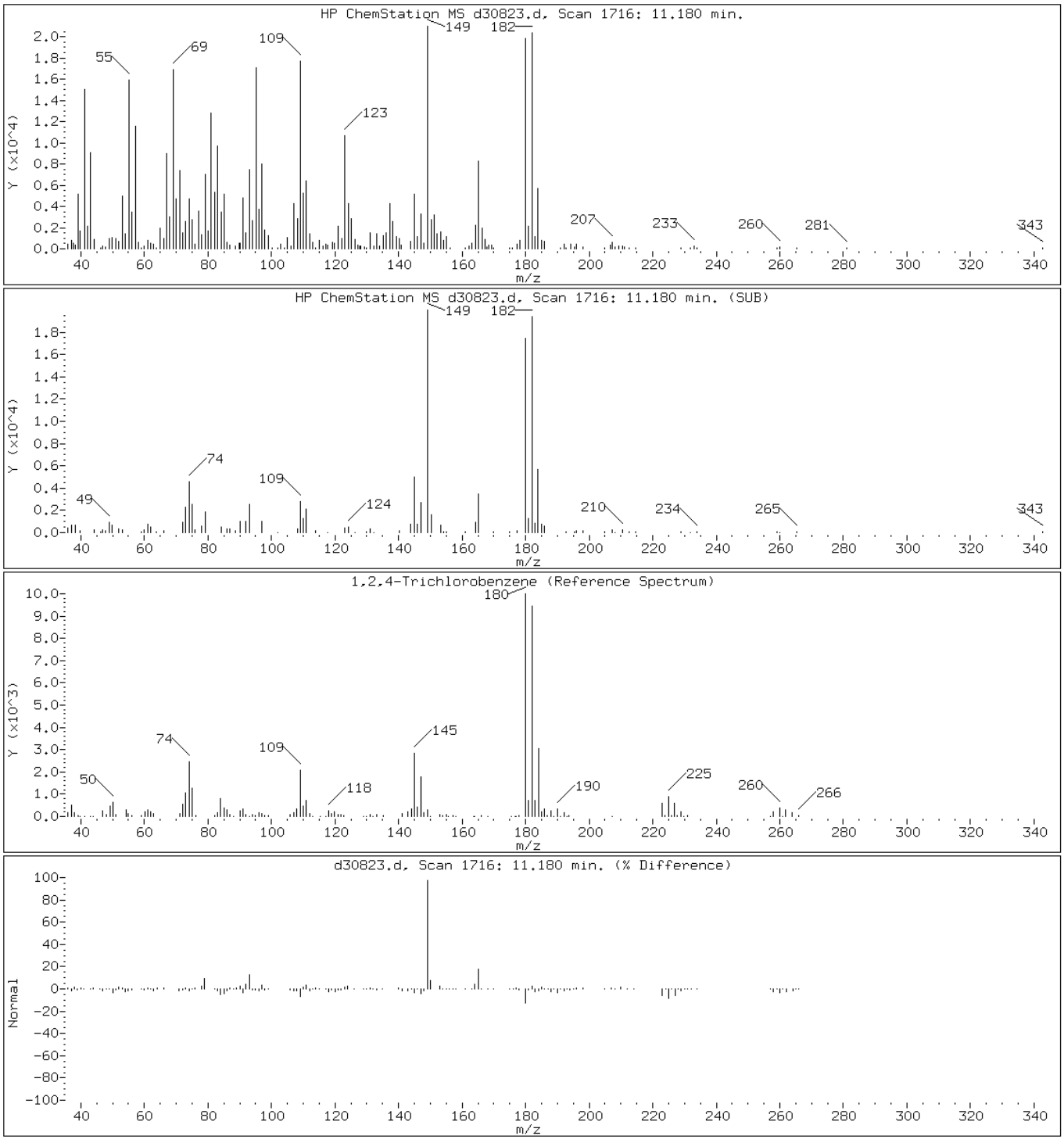
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



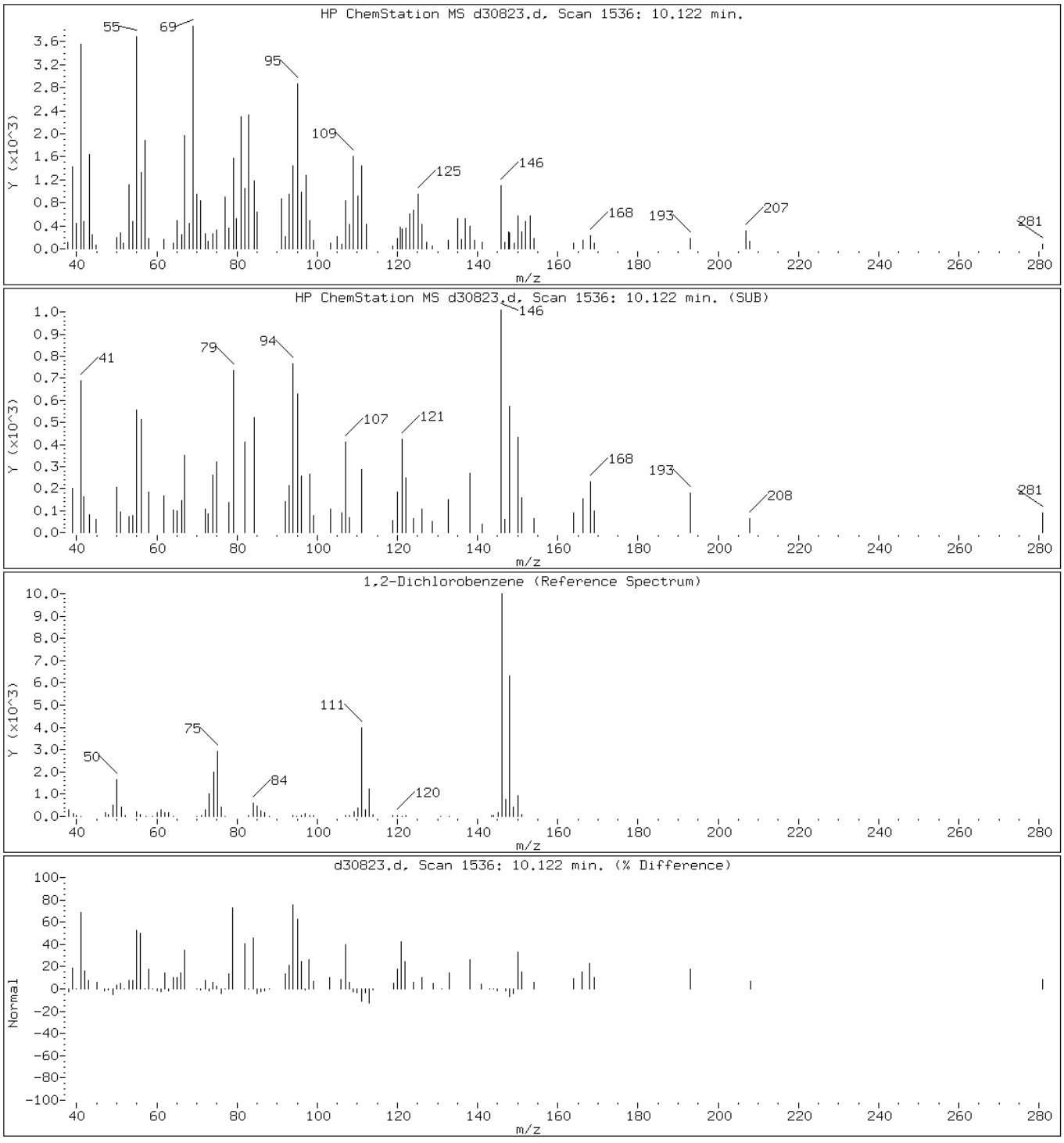
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



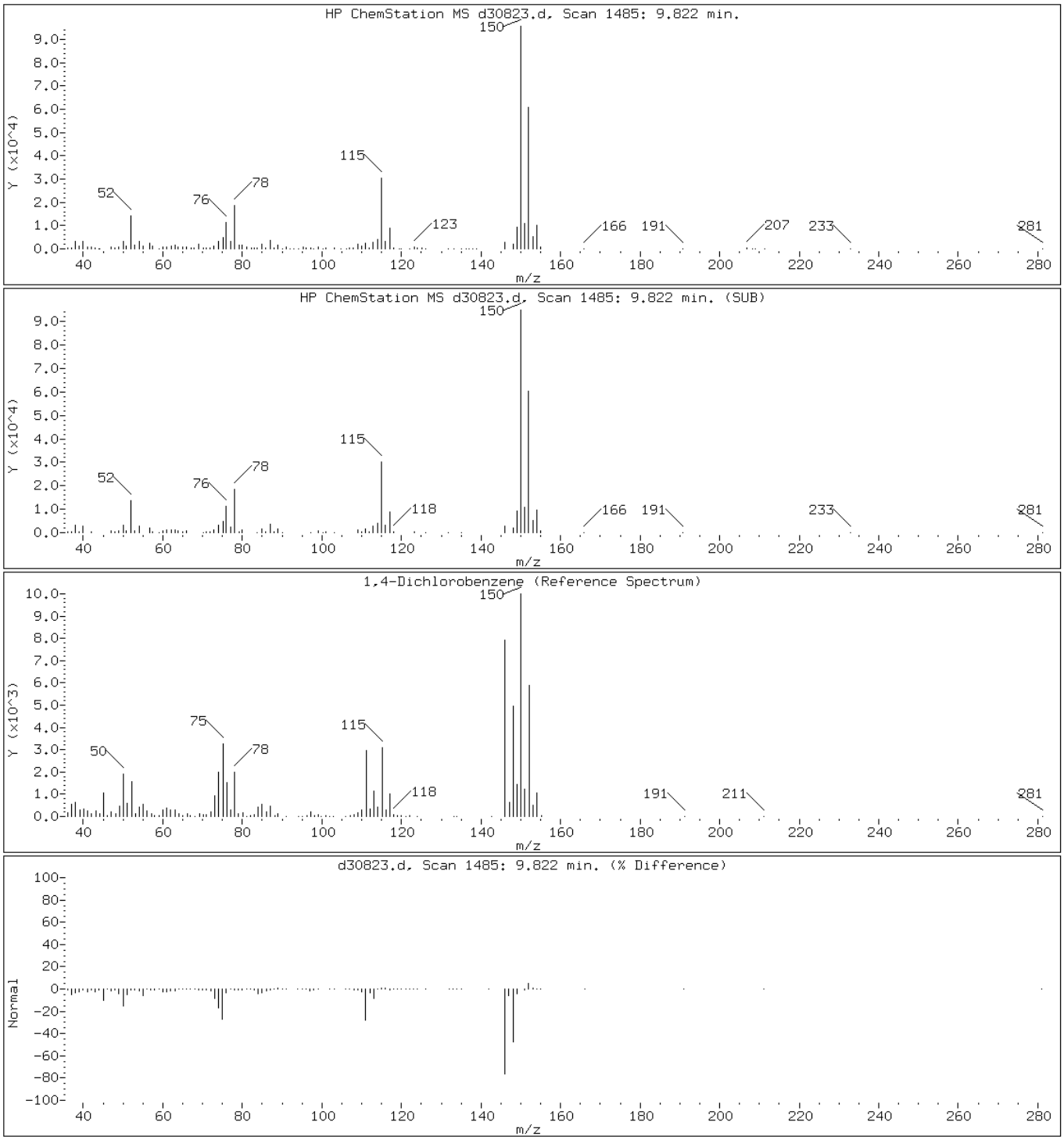
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



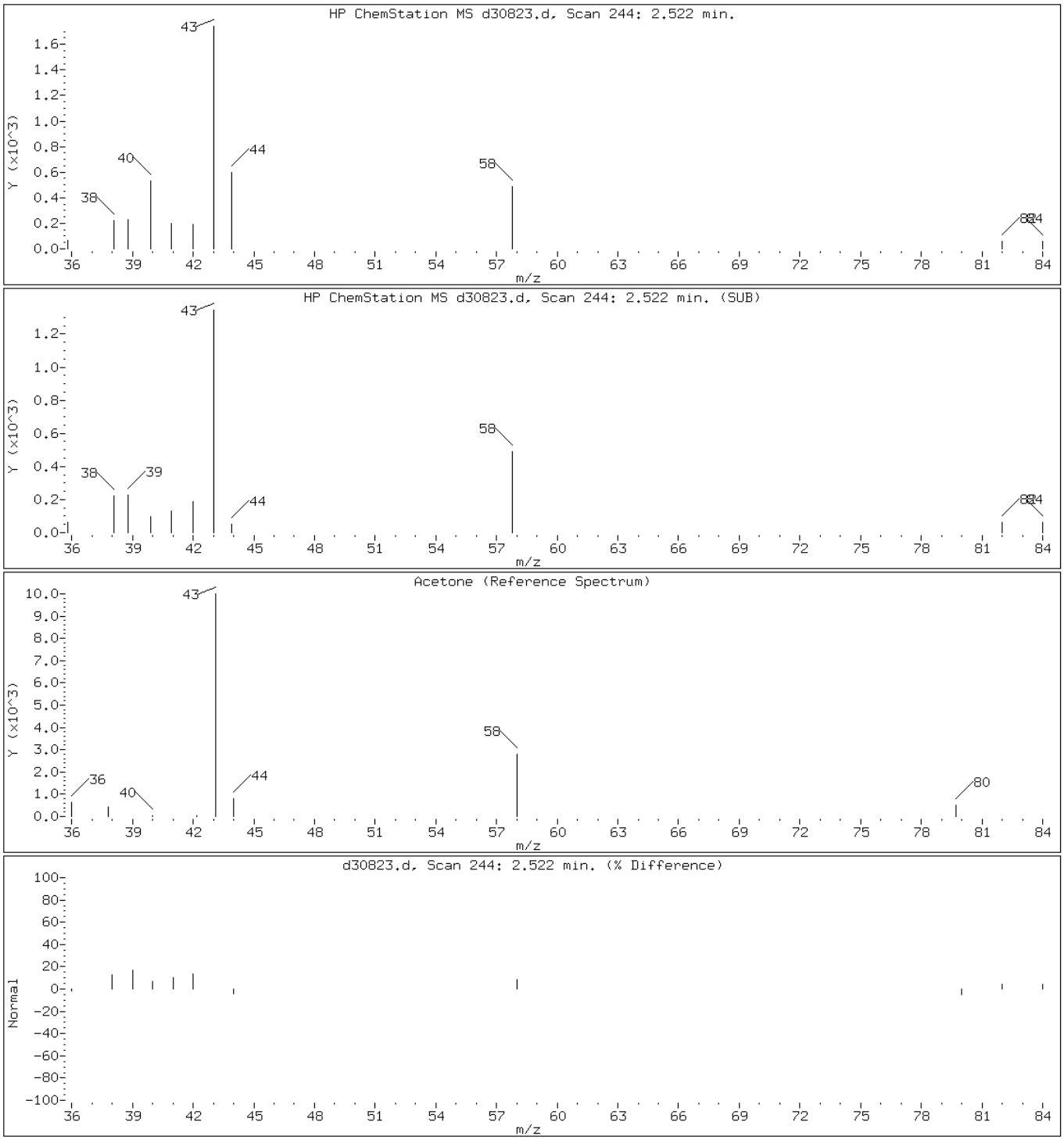
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

7 Acetone



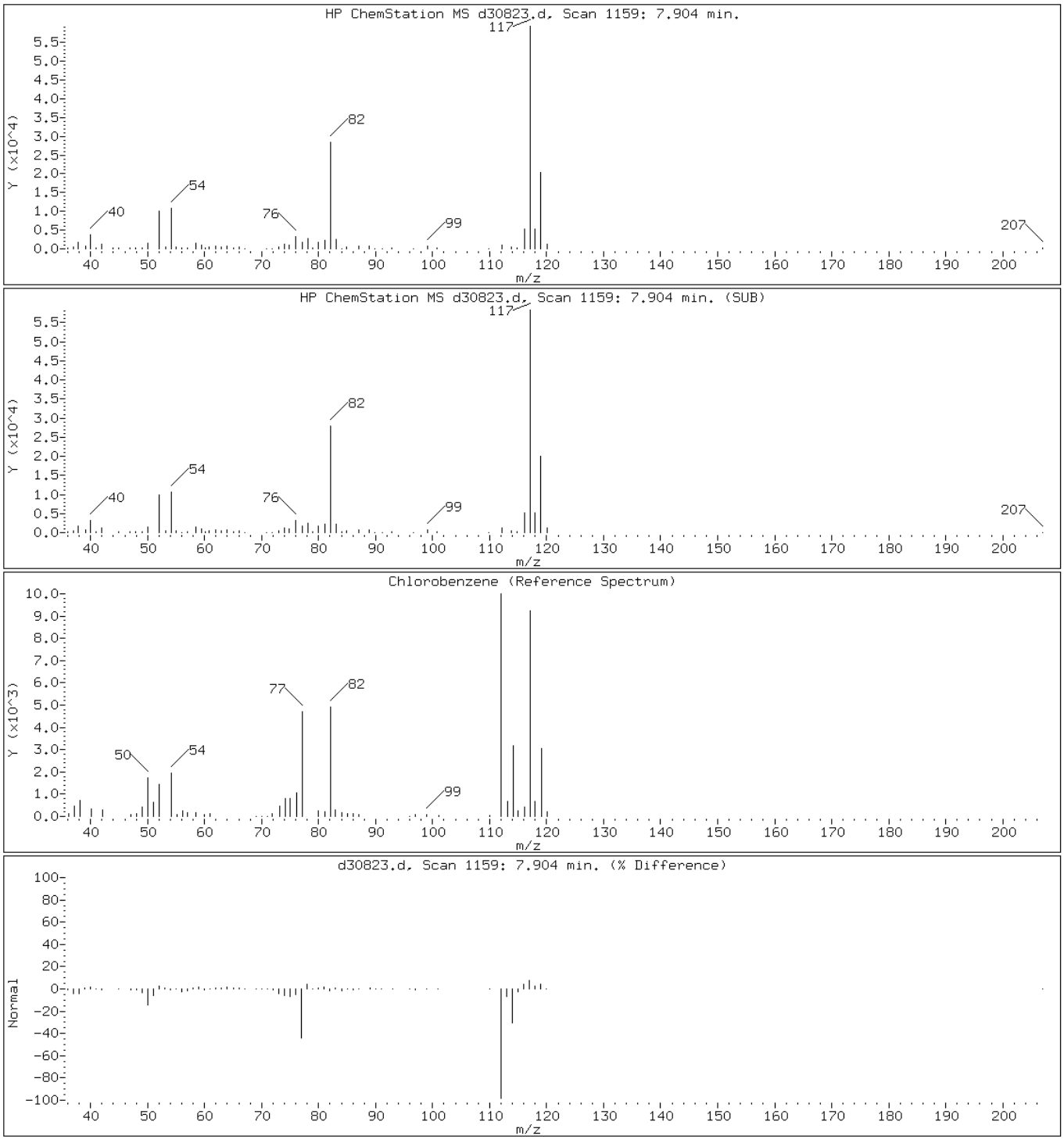
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

39 Chlorobenzene



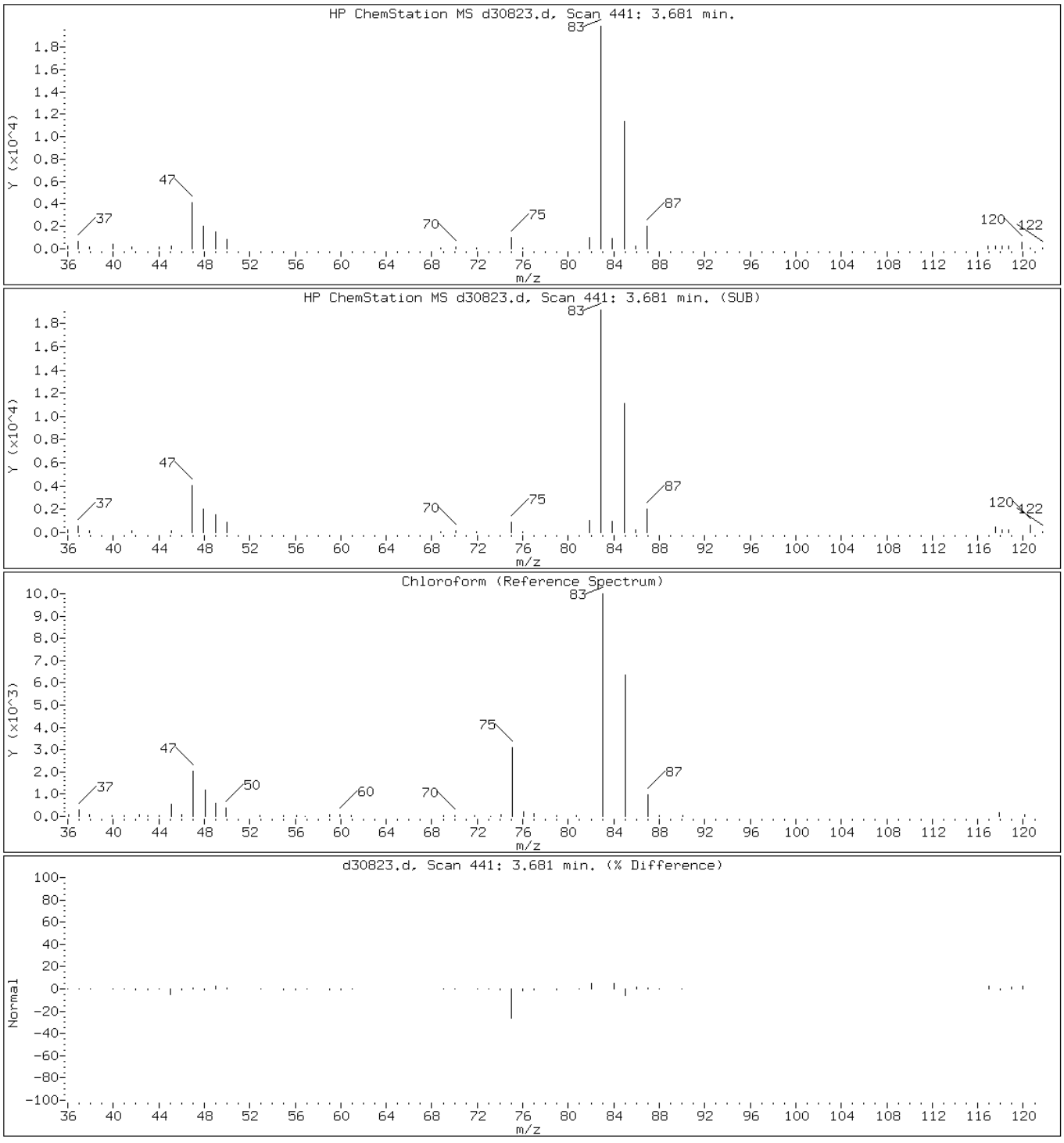
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

15 Chloroform



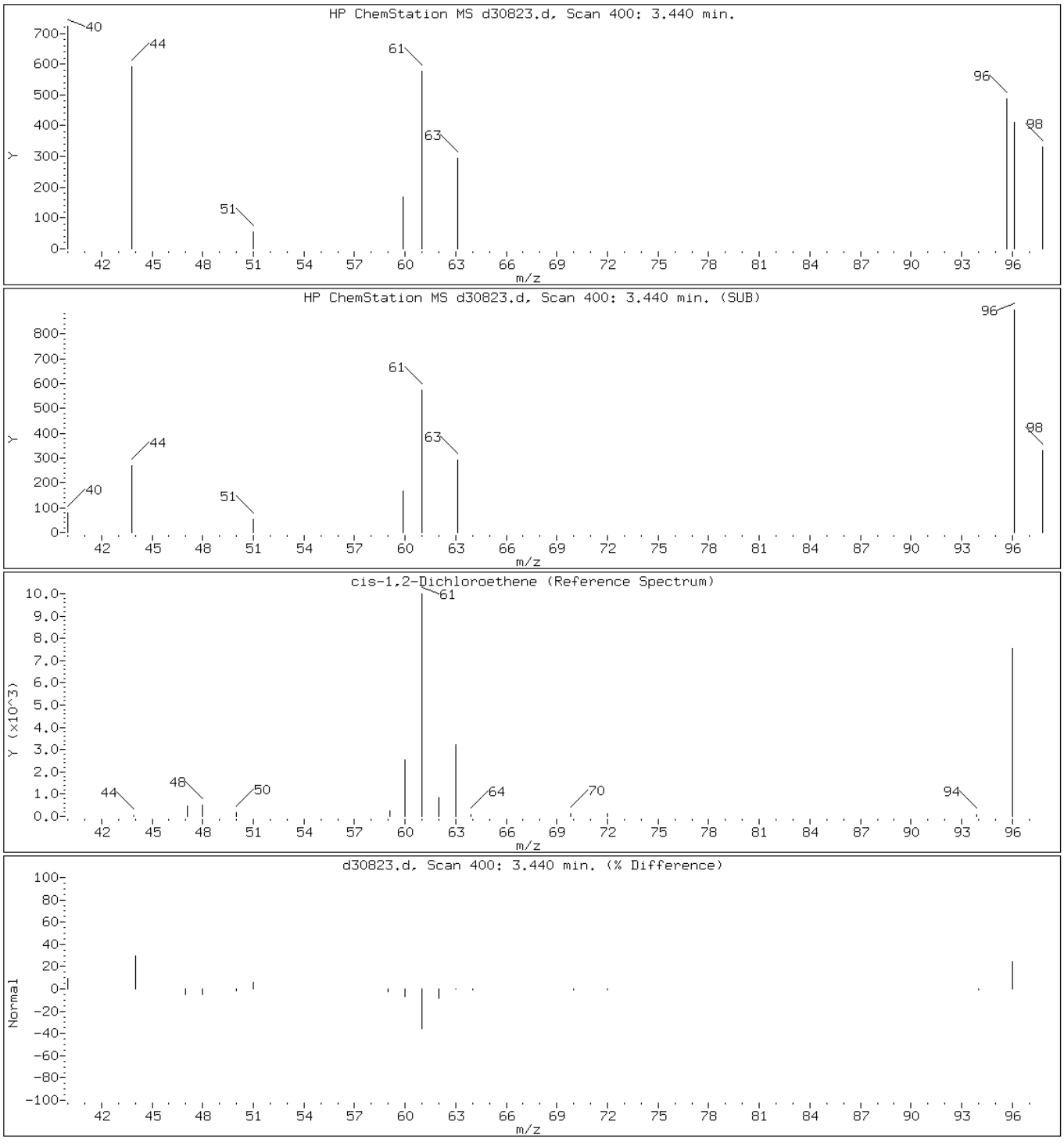
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



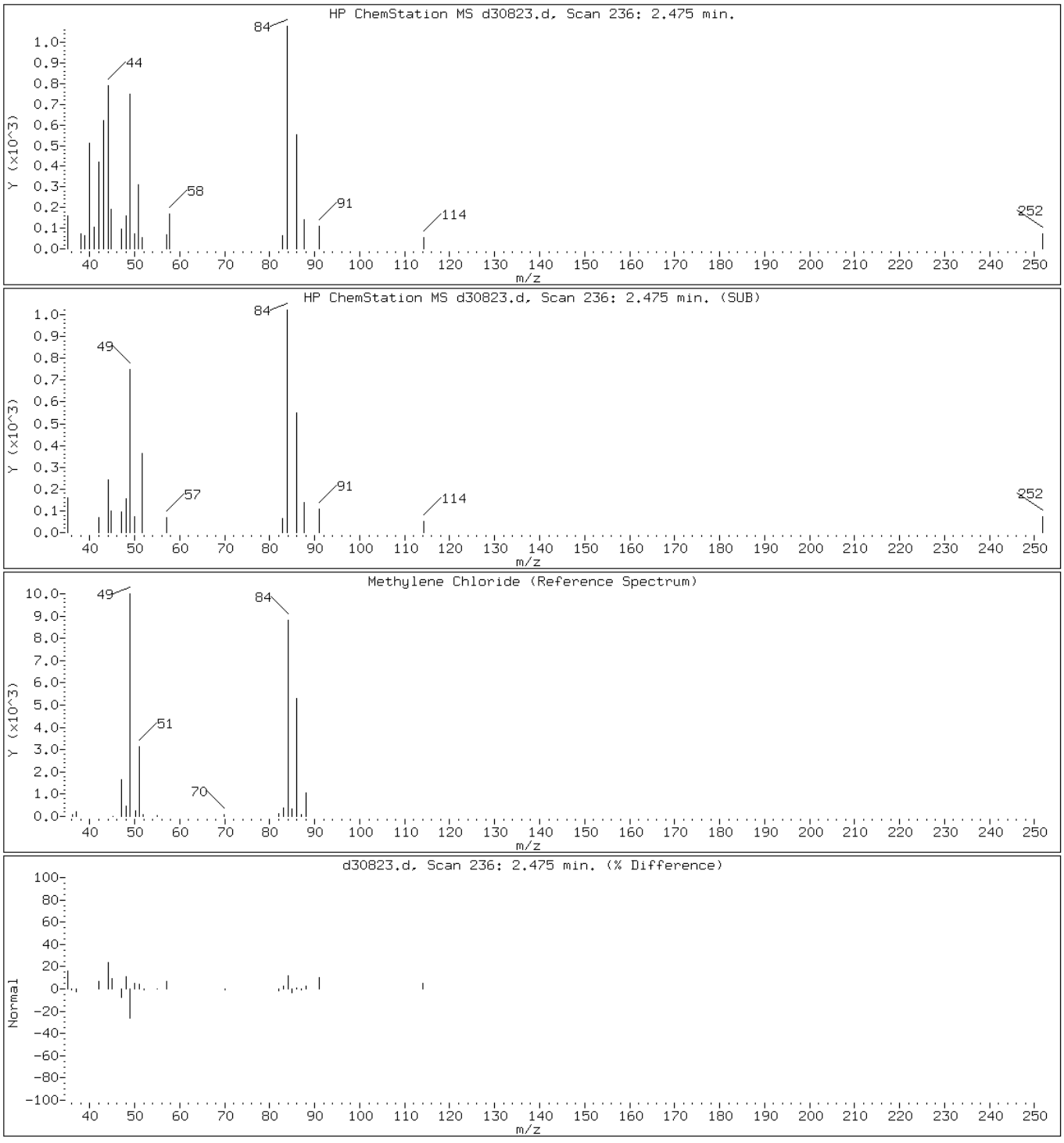
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

6 Methylene Chloride



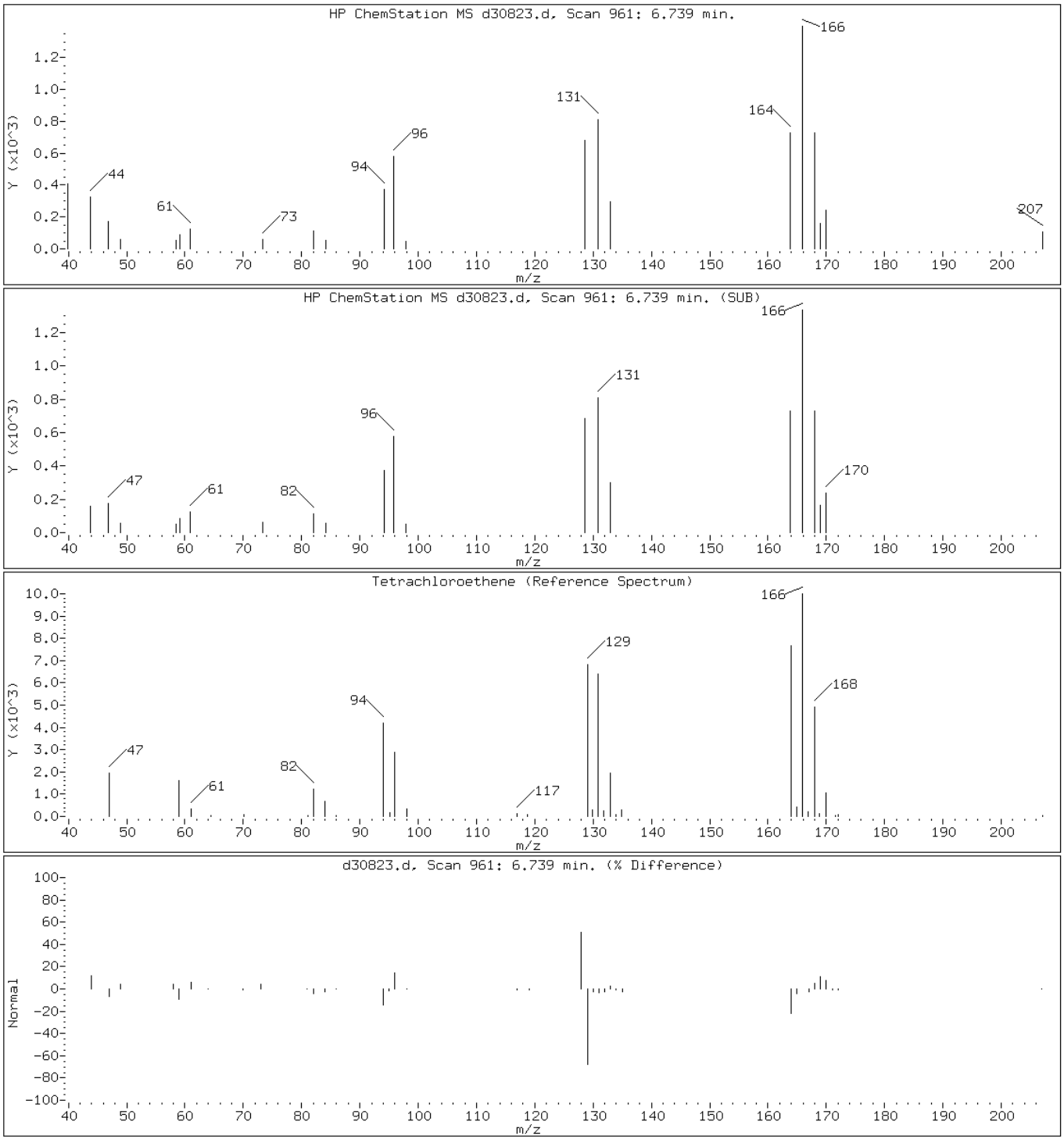
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

35 Tetrachloroethene



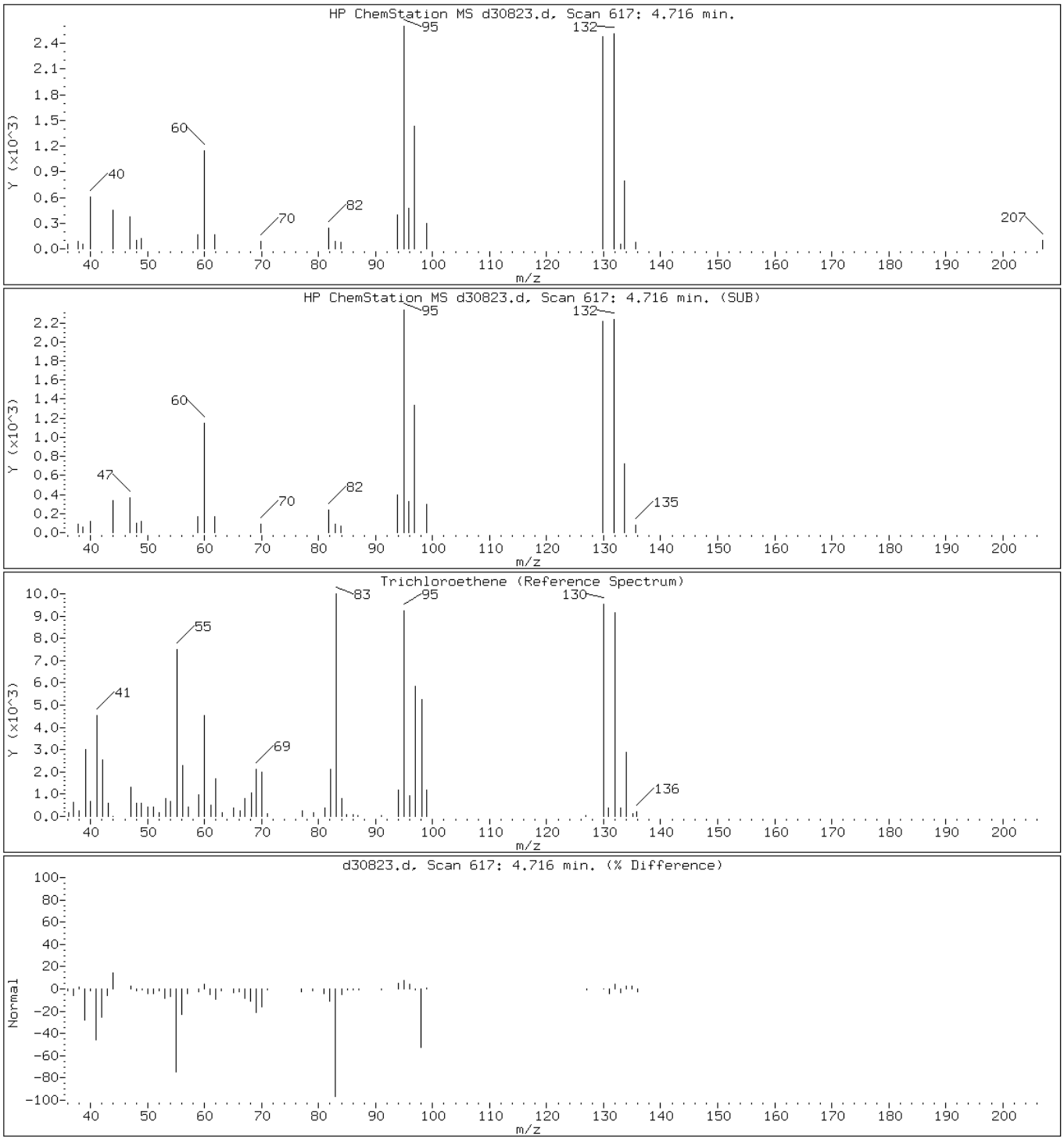
Data File: d30823.d

Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

25 Trichloroethene



Data File: d30823.d

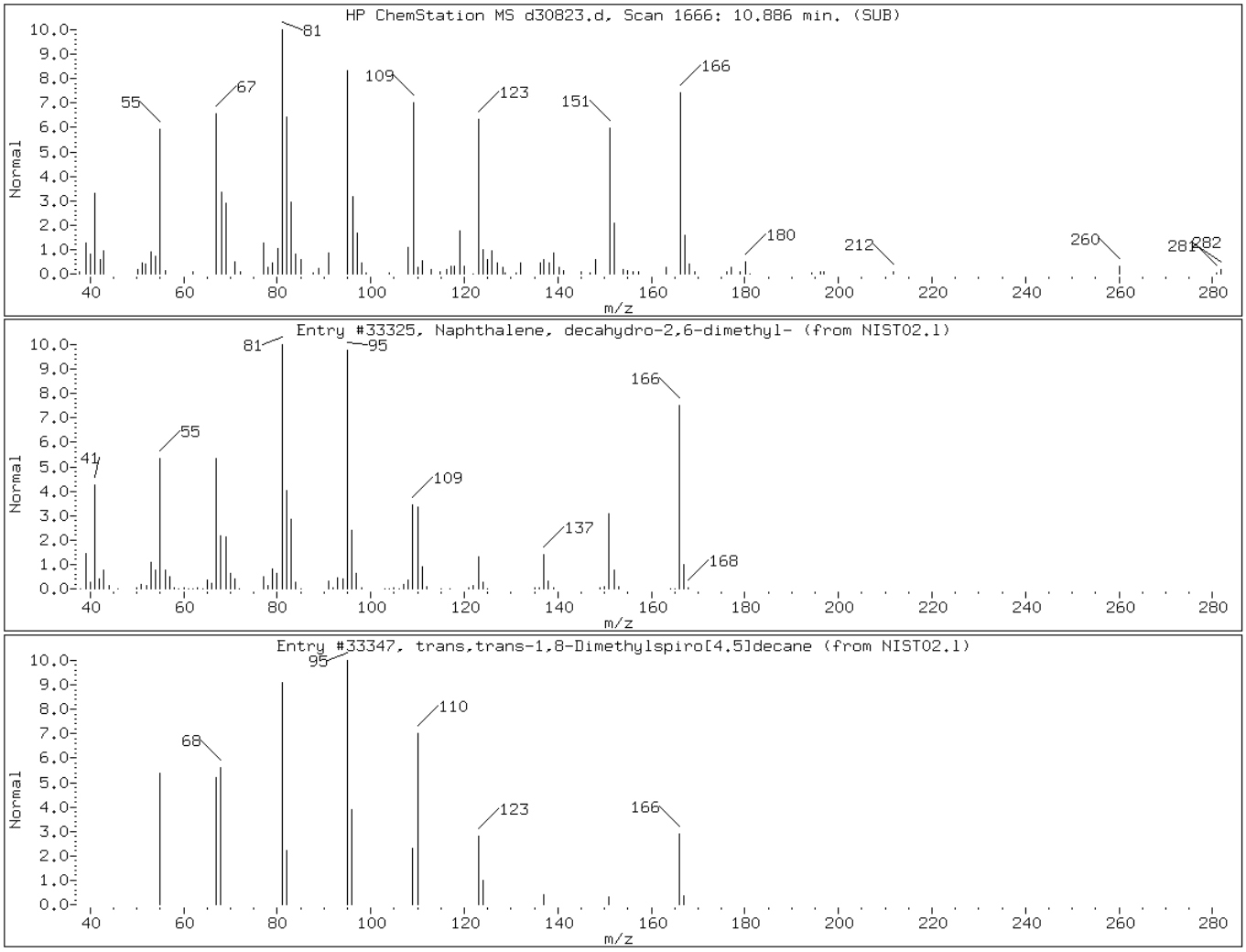
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2,6-dimethy	1618-22-0	NIST02.l	33325	64	C12H22	166
trans,trans-1,8-Dimethylspiro[4.5]	1000111-72-8	NIST02.l	33347	62	C12H22	166



Data File: d30823.d

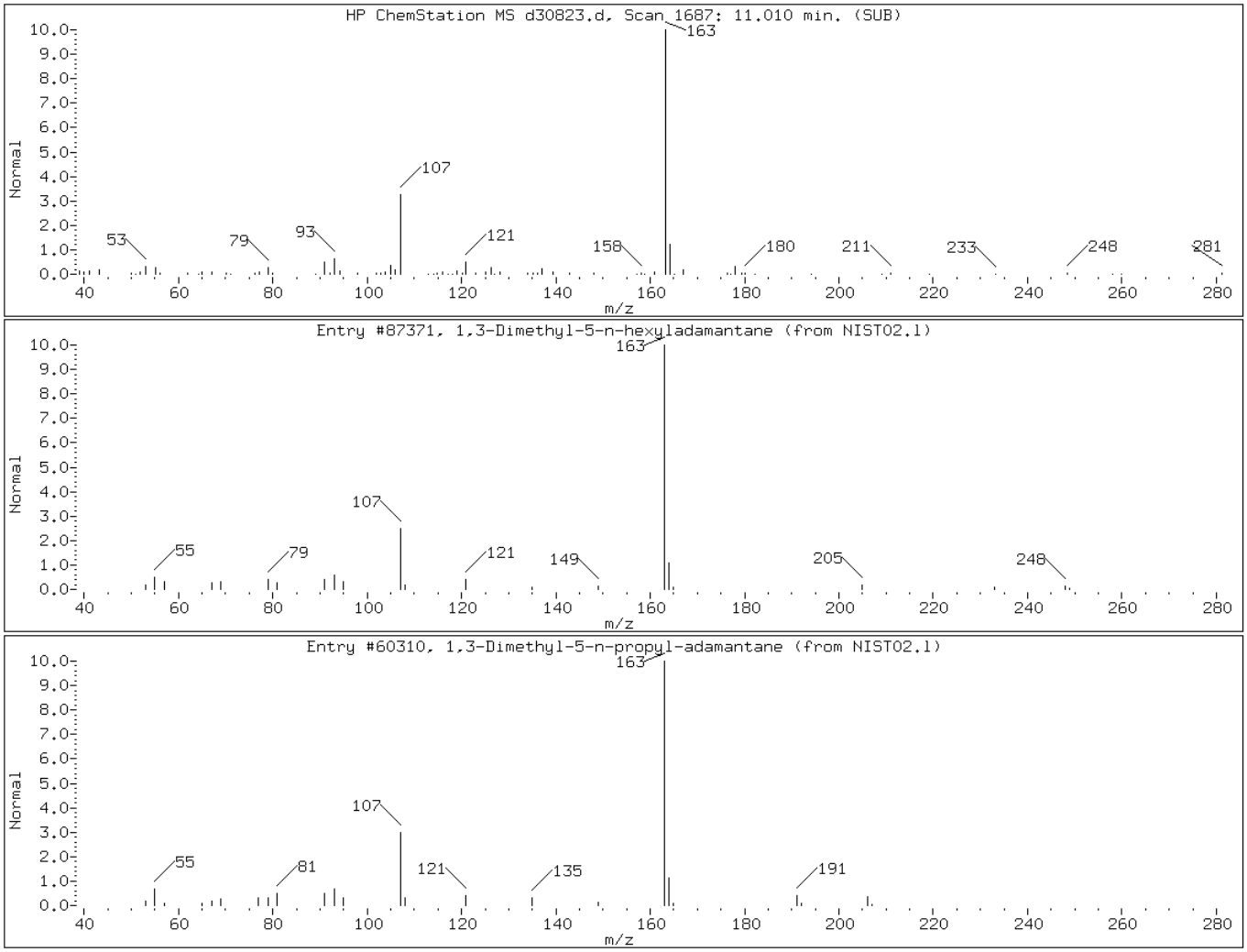
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 11.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1,3-Dimethyl-5-n-hexyladamantane	52873-50-4	NIST02.l	87371	56	C18H32	248
1,3-Dimethyl-5-n-propyl-adamantane	19385-87-6	NIST02.l	60310	56	C15H26	206



Data File: d30823.d

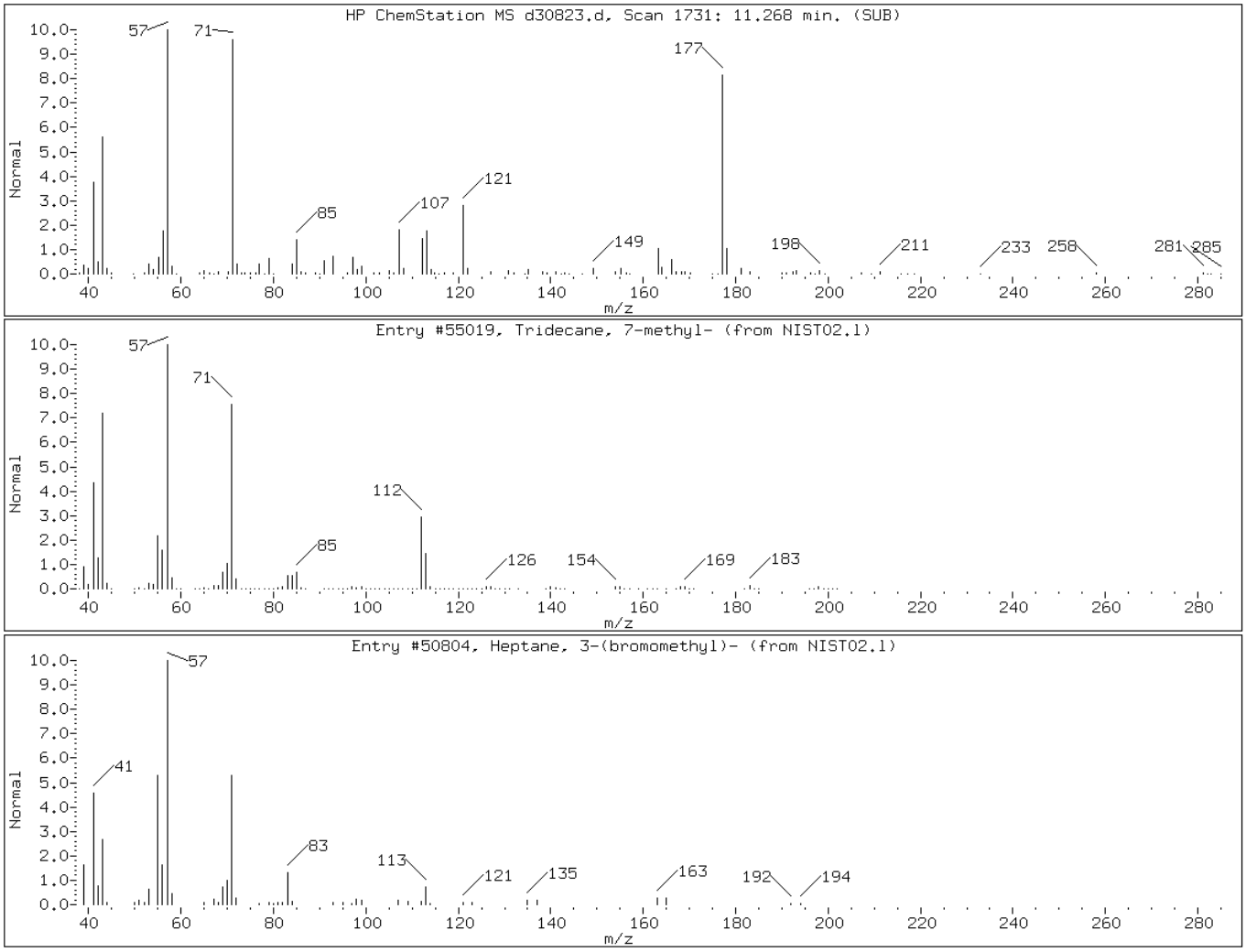
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 11.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	38	C14H30	198
Heptane, 3-(bromomethyl)-	18908-66-2	NIST02.l	50804	38	C8H17Br	192



Data File: d30823.d

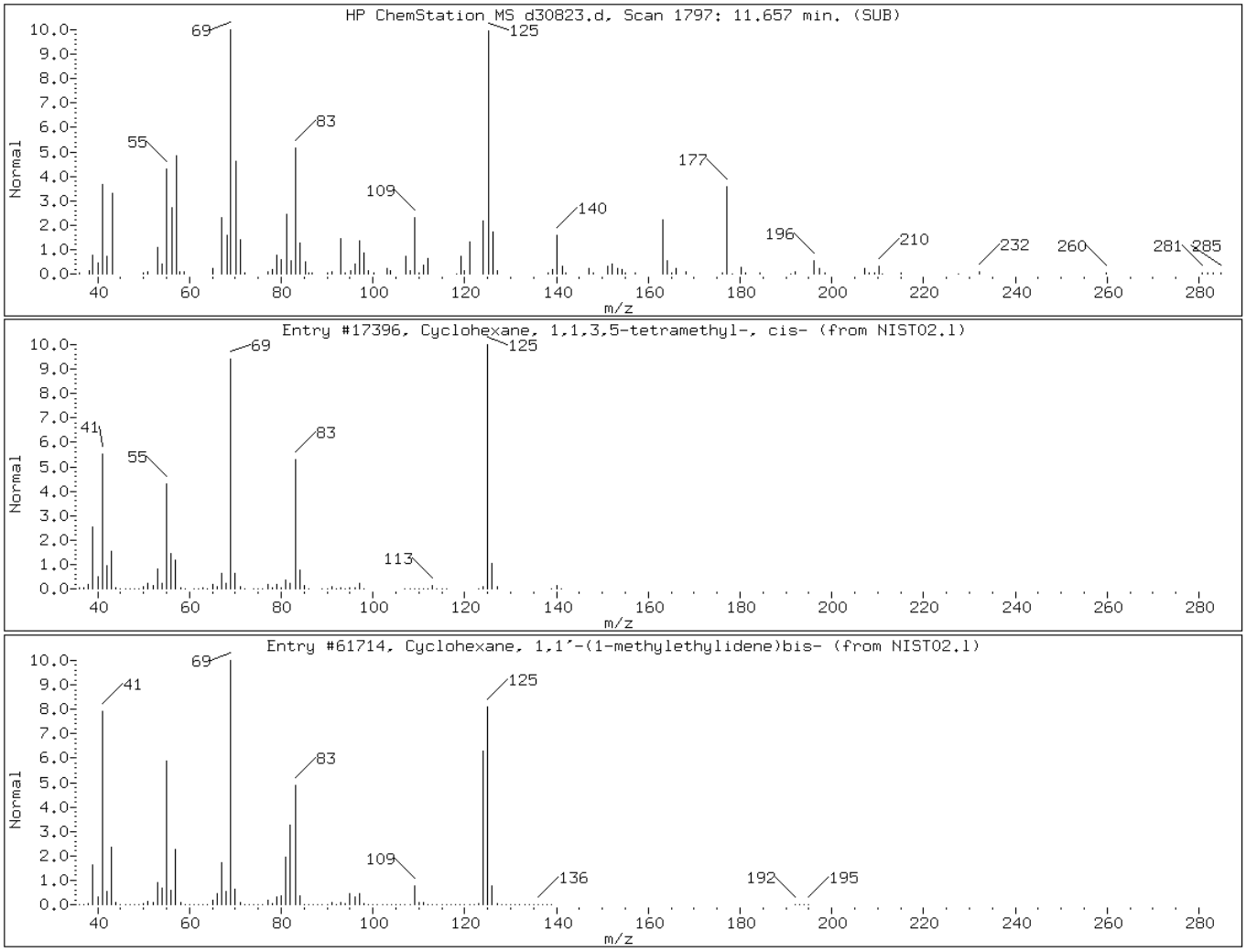
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 11.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 1,1,3,5-tetramethyl-,	50876-32-9	NIST02.l	17396	47	C10H20	140
Cyclohexane, 1,1'-(1-methylethylid	54934-90-6	NIST02.l	61714	47	C15H28	208



Data File: d30823.d

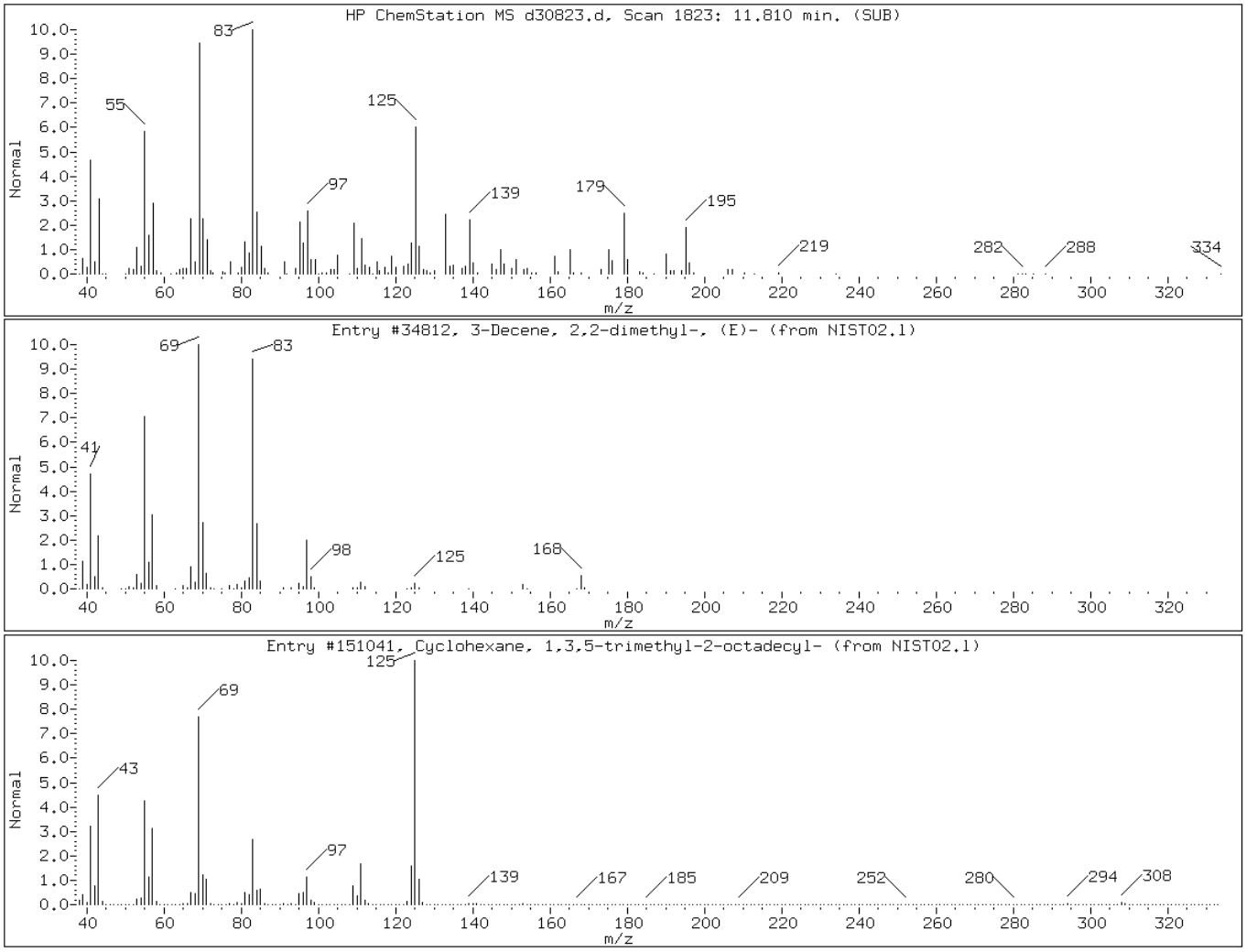
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 11.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
3-Decene, 2,2-dimethyl-, (E)-	55499-02-0	NIST02.l	34812	43	C12H24	168
Cyclohexane, 1,3,5-trimethyl-2-oct	55282-34-3	NIST02.l	151041	35	C27H54	378



Data File: d30823.d

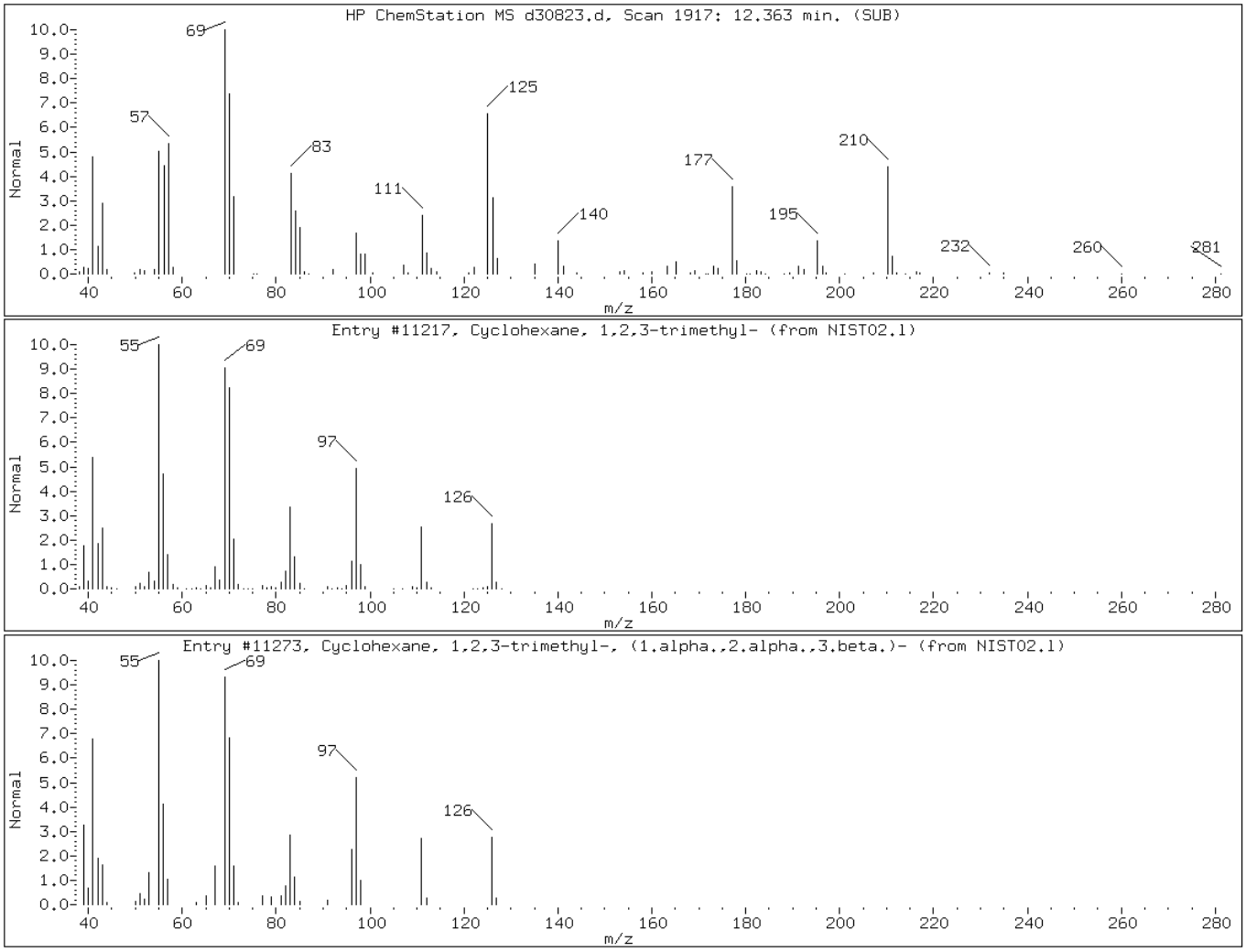
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 12.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclohexane, 1,2,3-trimethyl-	1678-97-3	NIST02.l	11217	62	C9H18	126
Cyclohexane, 1,2,3-trimethyl-, (1.	7667-55-2	NIST02.l	11273	52	C9H18	126



Data File: d30823.d

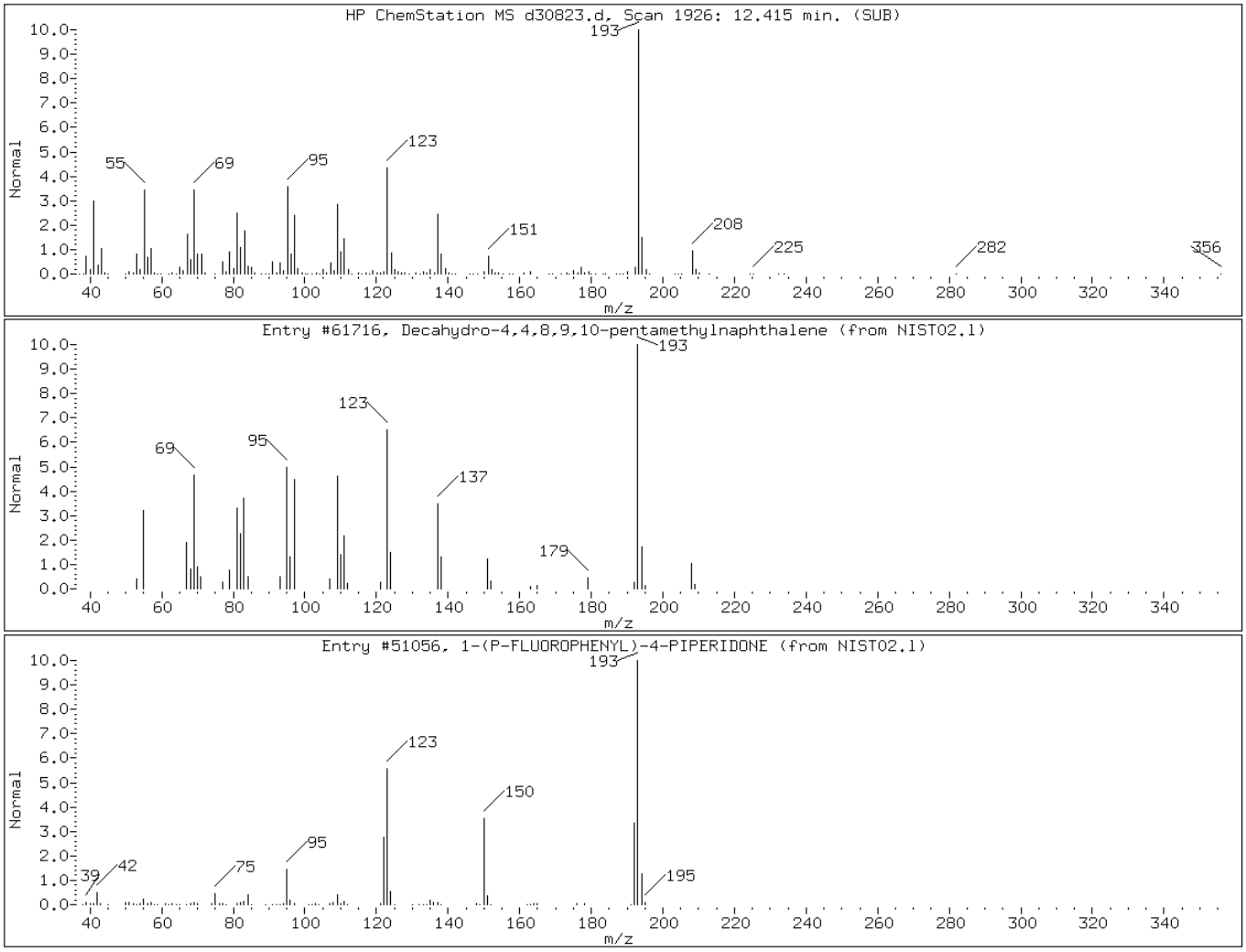
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 12.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	98	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	49	C11H12FNO	193



Data File: d30823.d

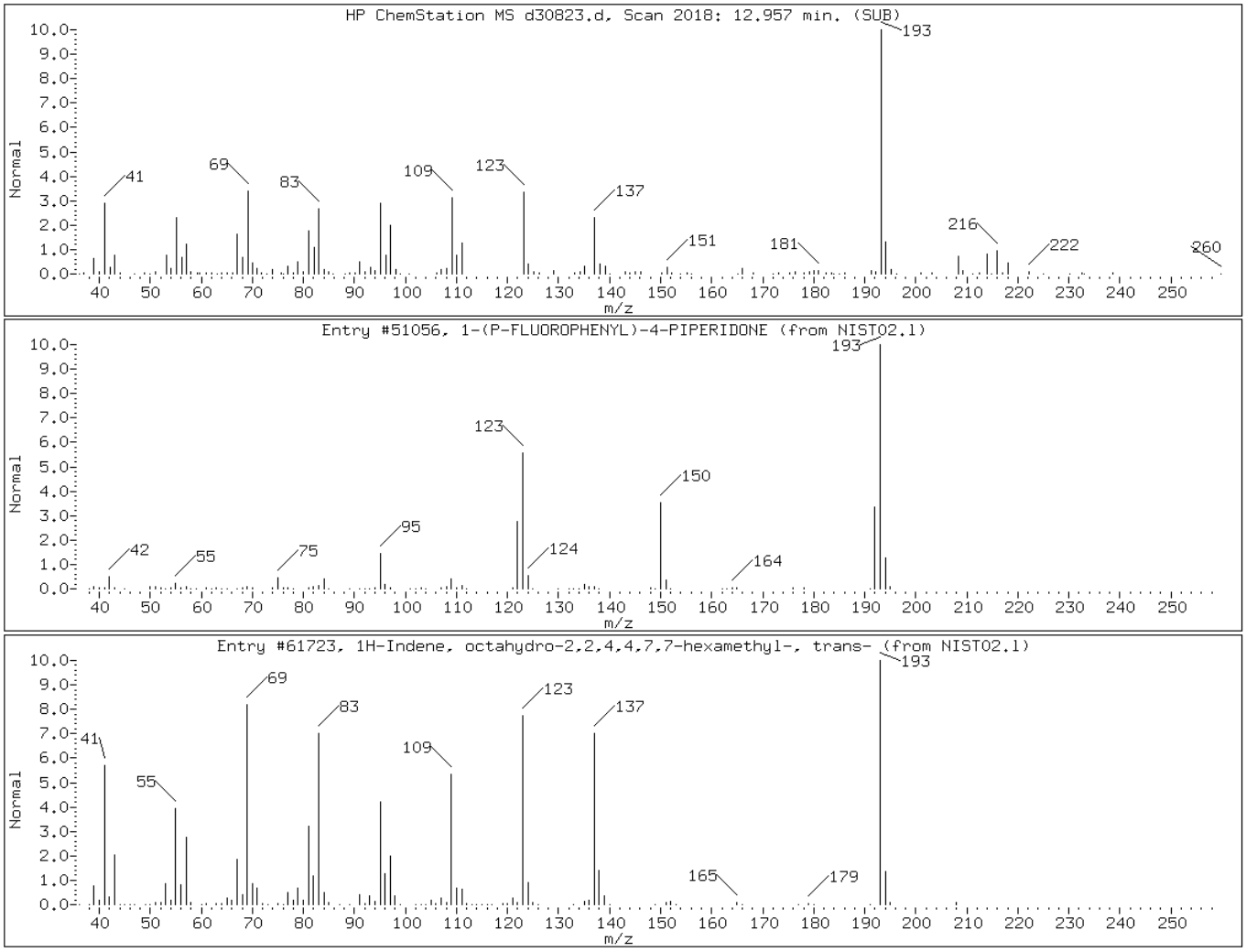
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 12.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	37	C11H12FNO	193
1H-Indene, octahydro-2,2,4,4,7,7-h	54832-83-6	NIST02.l	61723	37	C15H28	208



Data File: d30823.d

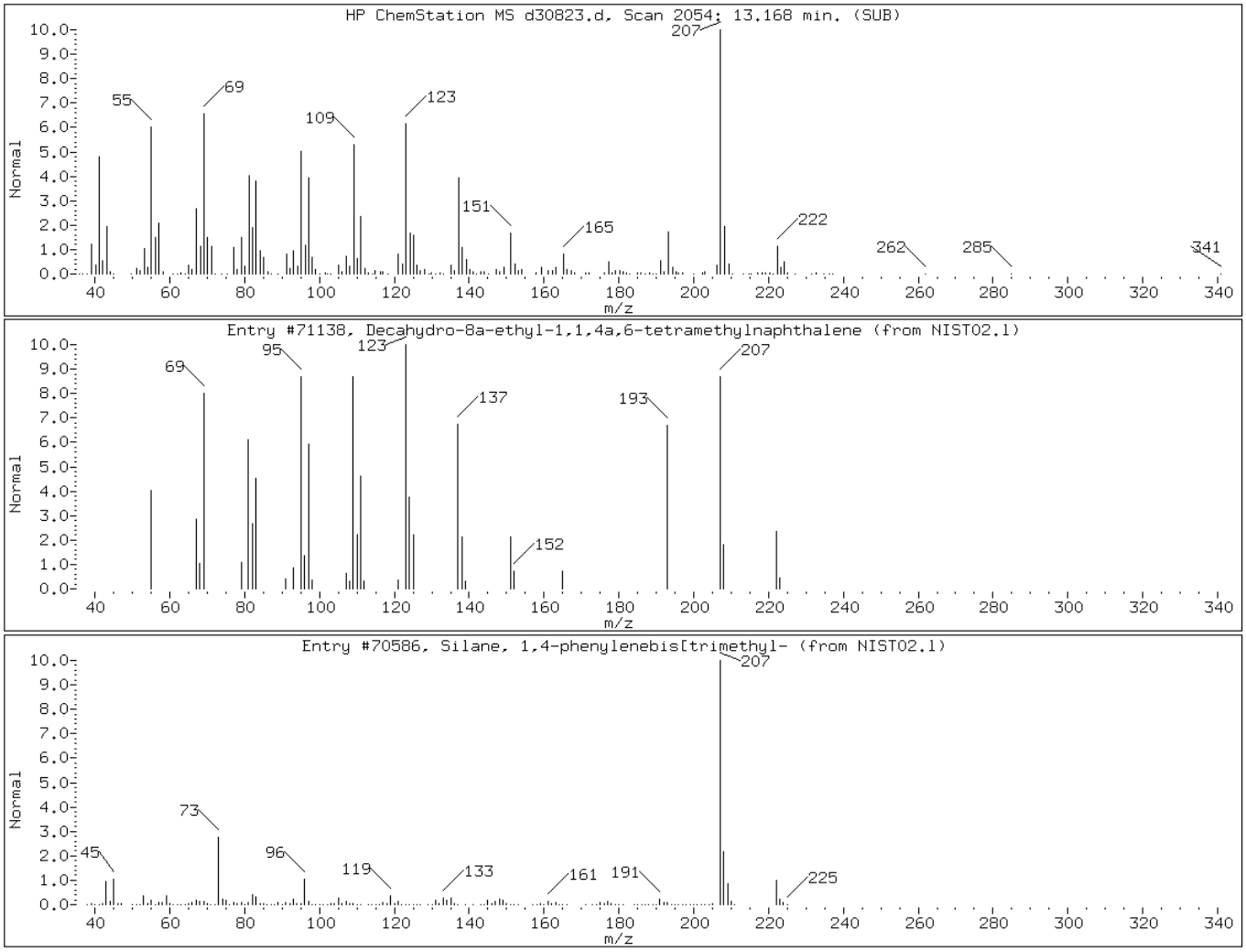
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 13.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-8						
Decahydro-8a-ethyl-1,1,4a,6-tetram	1000100-23-6	NIST02.l	71138	90	C16H30	222
Silane, 1,4-phenylenebis[trimethyl	13183-70-5	NIST02.l	70586	35	C12H22Si2	222



Data File: d30823.d

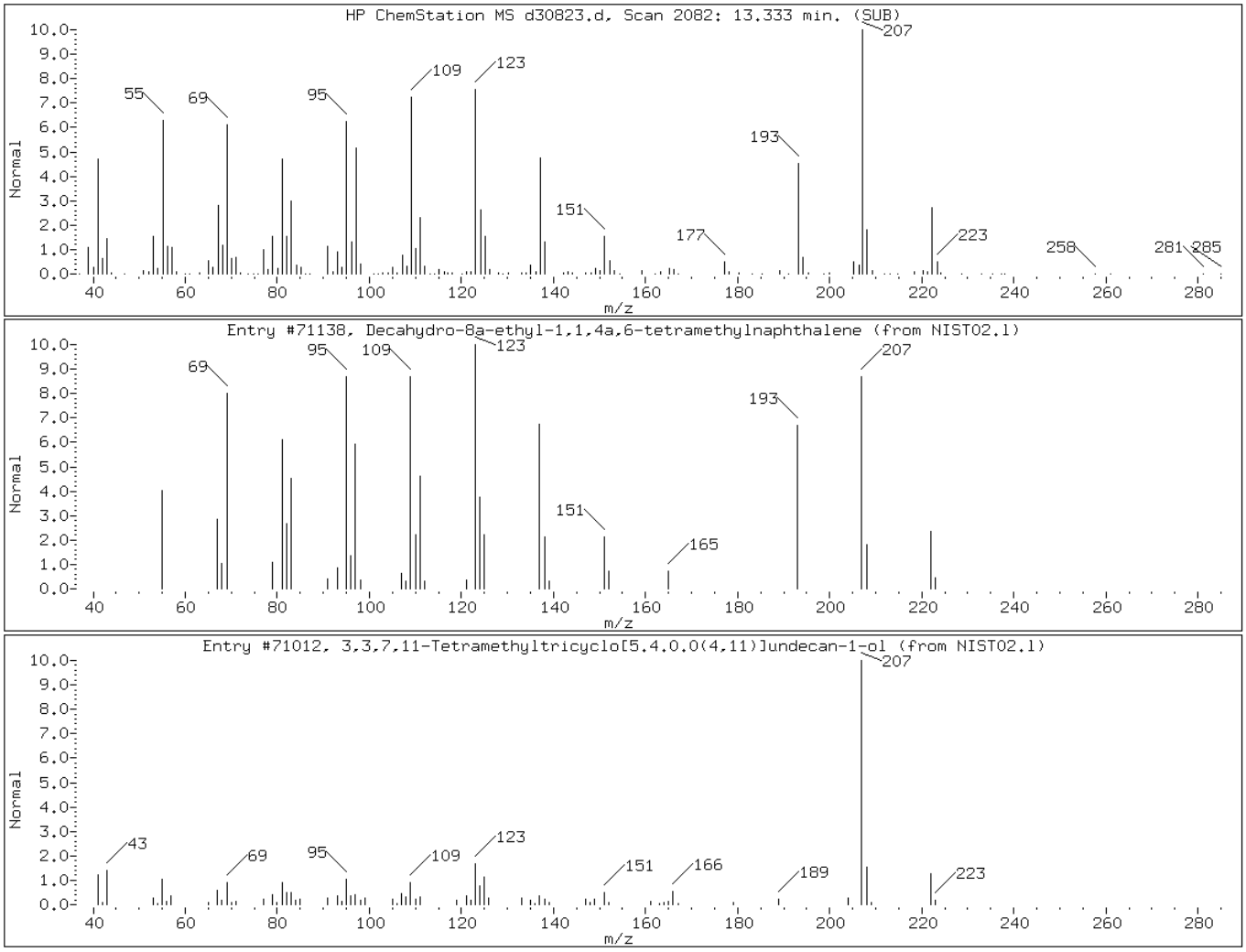
Date: 23-MAR-2013 03:53

Client ID: PMP-6-NE-WT Instrument: VOAMS4.i

Sample Info: 460-52450-D-15-A;;;5.90;5 Operator: VOAMS 9

Retention Time: 13.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-9						
Decahydro-8a-ethyl-1,1,4a,6-tetram	1000100-23-6	NIST02.l	71138	52	C16H30	222
3,3,7,11-Tetramethyltricyclo[5.4.0	117591-80-7	NIST02.l	71012	52	C15H26O	222



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI | Lab Sample ID: 460-52450-16

Matrix: Solid | Lab File ID: b53536.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:00

Sample wt/vol: 4.68(g) | Date Analyzed: 03/20/2013 03:00

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 151820 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	3.8	U	62	3.8
79-34-5	1,1,2,2-Tetrachloroethane	9.7	U	62	9.7
79-00-5	1,1,2-Trichloroethane	12	U	62	12
75-34-3	1,1-Dichloroethane	8.1	U	62	8.1
75-35-4	1,1-Dichloroethene	5.5	U	62	5.5
87-61-6	1,2,3-Trichlorobenzene	32	U	62	32
120-82-1	1,2,4-Trichlorobenzene	850		62	21
96-12-8	1,2-Dibromo-3-Chloropropane	25	U	62	25
106-93-4	1,2-Dibromoethane	17	U	62	17
95-50-1	1,2-Dichlorobenzene	13	U	62	13
107-06-2	1,2-Dichloroethane	12	U	62	12
78-87-5	1,2-Dichloropropane	5.3	U	62	5.3
541-73-1	1,3-Dichlorobenzene	8.4	U	62	8.4
106-46-7	1,4-Dichlorobenzene	14	U	62	14
123-91-1	1,4-Dioxane	2200	U	3100	2200
78-93-3	2-Butanone	140	U	310	140
591-78-6	2-Hexanone	31	U	310	31
108-10-1	4-Methyl-2-pentanone	61	U	310	61
67-64-1	Acetone	170	U	310	170
71-43-2	Benzene	5.1	U	62	5.1
74-97-5	Bromochloromethane	17	U	62	17
75-27-4	Bromodichloromethane	7.7	U	62	7.7
75-25-2	Bromoform	12	U	62	12
74-83-9	Bromomethane	11	U	62	11
75-15-0	Carbon disulfide	7.8	U	62	7.8
56-23-5	Carbon tetrachloride	3.5	U	62	3.5
108-90-7	Chlorobenzene	47	J	62	6.8
75-00-3	Chloroethane	10	U	62	10
67-66-3	Chloroform	23	J	62	4.9
74-87-3	Chloromethane	6.0	U	62	6.0
156-59-2	cis-1,2-Dichloroethene	89		62	11
10061-01-5	cis-1,3-Dichloropropene	11	U	62	11
110-82-7	Cyclohexane	9.8	U	62	9.8
124-48-1	Dibromochloromethane	12	U	62	12
75-71-8	Dichlorodifluoromethane	13	U	62	13
100-41-4	Ethylbenzene	370		62	5.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI Lab Sample ID: 460-52450-16

Matrix: Solid Lab File ID: b53536.d

Analysis Method: 8260B Date Collected: 03/14/2013 12:00

Sample wt/vol: 4.68(g) Date Analyzed: 03/20/2013 03:00

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 Level: (low/med) Medium

Analysis Batch No.: 151820 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	5.1	U	62	5.1
98-82-8	Isopropylbenzene	380		62	4.7
79-20-9	Methyl acetate	21	U	120	21
108-87-2	Methylcyclohexane	1100		62	8.4
75-09-2	Methylene Chloride	11	U	62	11
1634-04-4	MTBE	8.5	U	62	8.5
100-42-5	Styrene	7.3	U	62	7.3
127-18-4	Tetrachloroethene	25	J	62	6.0
108-88-3	Toluene	18	J	62	9.2
156-60-5	trans-1,2-Dichloroethene	8.0	U	62	8.0
10061-02-6	trans-1,3-Dichloropropene	15	U	62	15
79-01-6	Trichloroethene	23	J	62	5.7
75-69-4	Trichlorofluoromethane	9.0	U	62	9.0
75-01-4	Vinyl chloride	8.9	U	62	8.9
1330-20-7	Xylenes, Total	1200		190	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		75-135
2037-26-5	Toluene-d8 (Surr)	70		59-150
460-00-4	Bromofluorobenzene	79		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI Lab Sample ID: 460-52450-16

Matrix: Solid Lab File ID: b53536.d

Analysis Method: 8260B Date Collected: 03/14/2013 12:00

Sample wt/vol: 4.68(g) Date Analyzed: 03/20/2013 03:00

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 Level: (low/med) Medium

Analysis Batch No.: 151820 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 320000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	10.16	41000	J
	Unknown Alkane-1	11.12	35000	J
	Unknown Aromatic	11.47	23000	J
	Coeluting Unknowns	11.72	23000	J
	Unknown Alkane-2	11.94	45000	J
	C10H14 Aromatic/Unknown	12.05	54000	J
	Coeluting Aromatics/Unknown	12.34	36000	J
	Unknown Alkane-3	12.50	24000	J
	Unknown Aromatic/Unknown	12.89	20000	J
	Methylnaphthalene isomer	13.65	19000	J

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53536.d
Report Date: 24-Mar-2013 15:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53536.d
Lab Smp Id: 460-52450-B-16-A Client Smp ID: PMP-6-NE-SI
Inj Date : 20-MAR-2013 03:00
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-16-A;50;;4.68;5
Misc Info : 460-52450-B-16-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/8260_09.m
Meth Date : 20-Mar-2013 03:20 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 26
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	5.00000	Volume of final extract (mL)
Ws	4.68000	Weight of sample extracted (g)
M	13.61940	% 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)
	29 Hexane	43	3.134	3.134	(0.600)	2377	0.72441	45(a)
	36 cis-1,2-Dichloroethene	96	3.990	3.990	(0.764)	5562	1.43333	89
	42 Chloroform	83	4.328	4.328	(0.828)	2493	0.37939	23(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.939)	135902	37.9734	2300
	51 n-Heptane	57	5.101	5.101	(0.976)	15261	5.47603	340
*	52 Fluorobenzene	96	5.225	5.233	(1.000)	603732	50.0000	
	54 Trichloroethene	95	5.661	5.661	(1.083)	1464	0.36728	23(a)
	56 Methyl cyclohexane	83	5.784	5.793	(1.107)	74202	17.0579	1000
$	65 Toluene-d8 (SUR)	98	7.224	7.225	(0.823)	306064	35.0662	2200
	66 Toluene	91	7.299	7.307	(0.831)	4537	0.28908	18(a)
	71 Tetrachloroethene	166	7.875	7.883	(0.897)	1414	0.41205	25(a)
*	78 Chlorobenzene-d5	117	8.780	8.788	(1.000)	430269	50.0000	
	79 Chlorobenzene	112	8.813	8.813	(1.004)	7468	0.75338	46(a)
	81 Ethylbenzene	106	8.895	8.895	(1.013)	29527	6.01632	370

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53536.d
Report Date: 24-Mar-2013 15:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	82 m+p-Xylene	106	9.010	9.010	(1.026)	42981	7.04296	440
	84 o-Xylene	106	9.372	9.381	(1.067)	73130	12.3718	760
	88 Isopropylbenzene	105	9.693	9.702	(1.104)	90285	6.17596	380
$	89 Bromofluorobenzene (SUR)	174	9.866	9.875	(0.911)	128447	39.7299	2400
	95 n-Propylbenzene	91	10.047	10.056	(0.928)	210677	10.4825	650
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	593526	45.0976	2800
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	10760	1.00284	62
	101 1,2,4-Trimethylbenzene	105	10.516	10.525	(0.971)	1826177	136.730	8400
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	301052	15.9237	980
	107 p-Isopropyltoluene	119	10.763	10.772	(0.994)	294317	18.3797	1100
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.837	(1.000)	220864	50.0000	
	106 n-Butylbenzene	91	11.084	11.093	(1.024)	475236	28.2608	1700
	114 1,2,4-Trichlorobenzene	180	12.384	12.385	(1.144)	63574	13.7961	850
	116 Naphthalene	128	12.598	12.607	(1.163)	1362168	94.0339	5800
M	120 1,2-Dichloroethene (Total)	100				5562	1.43333	89
M	121 Xylene (Total)	100				116111	19.4148	1200

QC Flag Legend

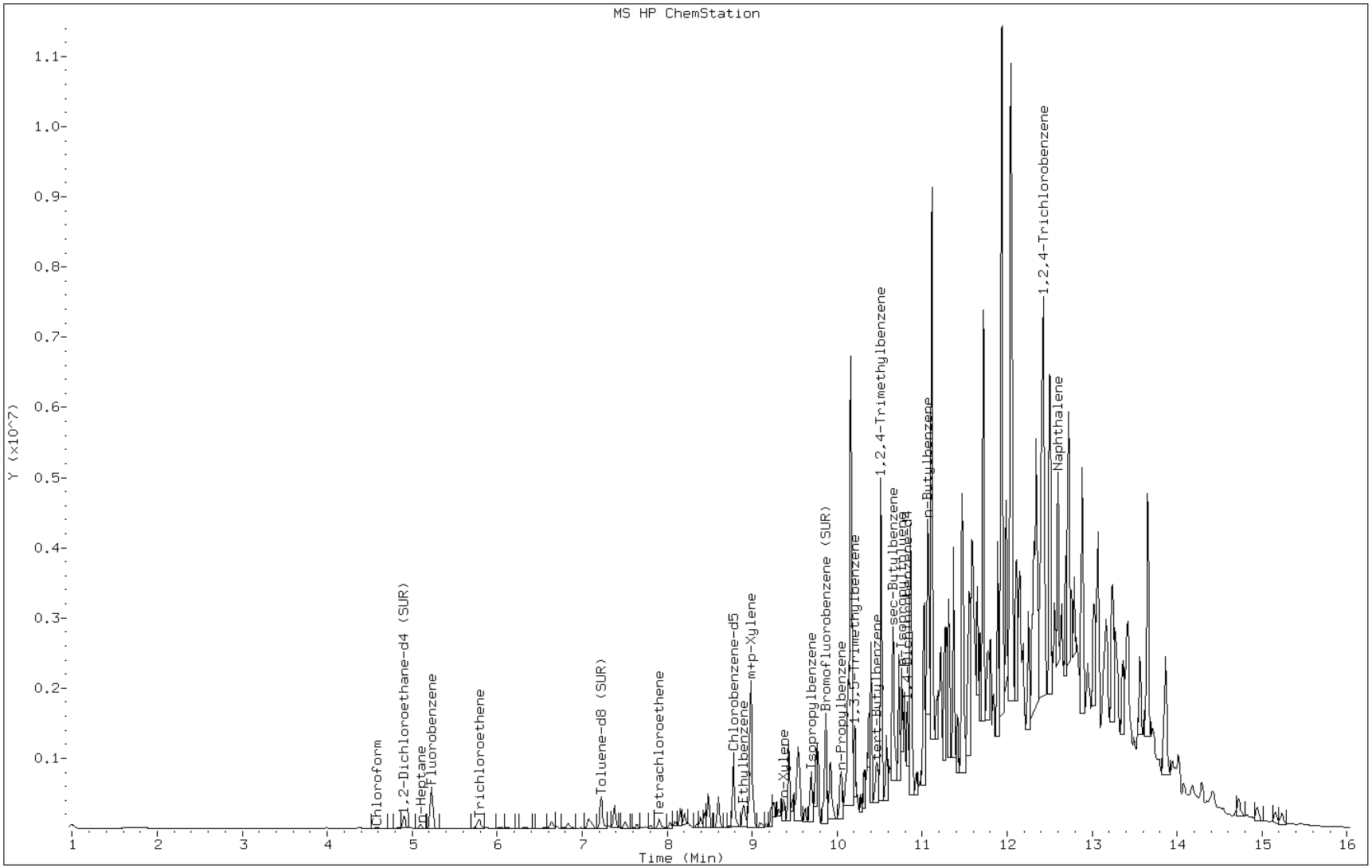
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:



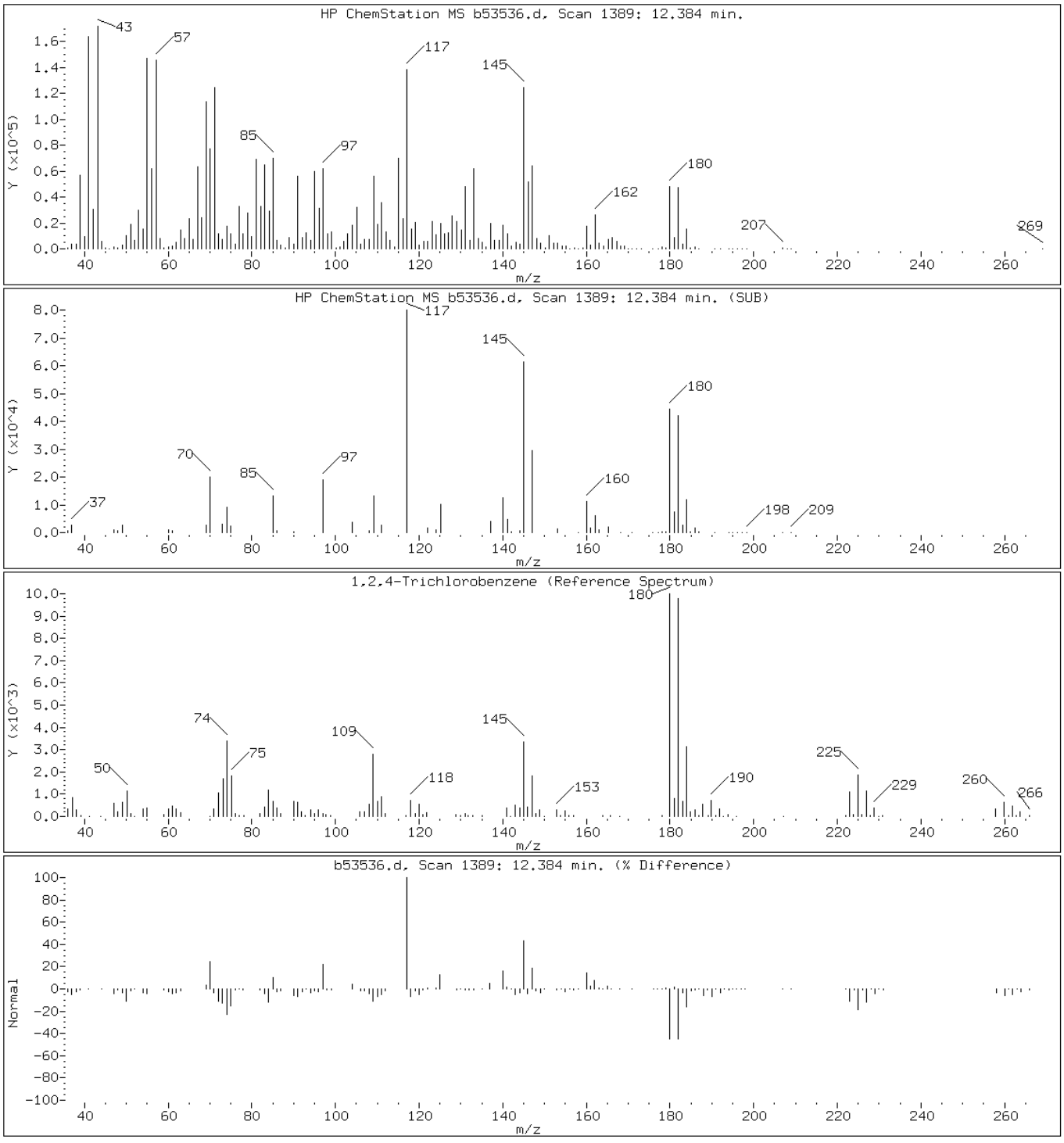
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

114 1,2,4-Trichlorobenzene



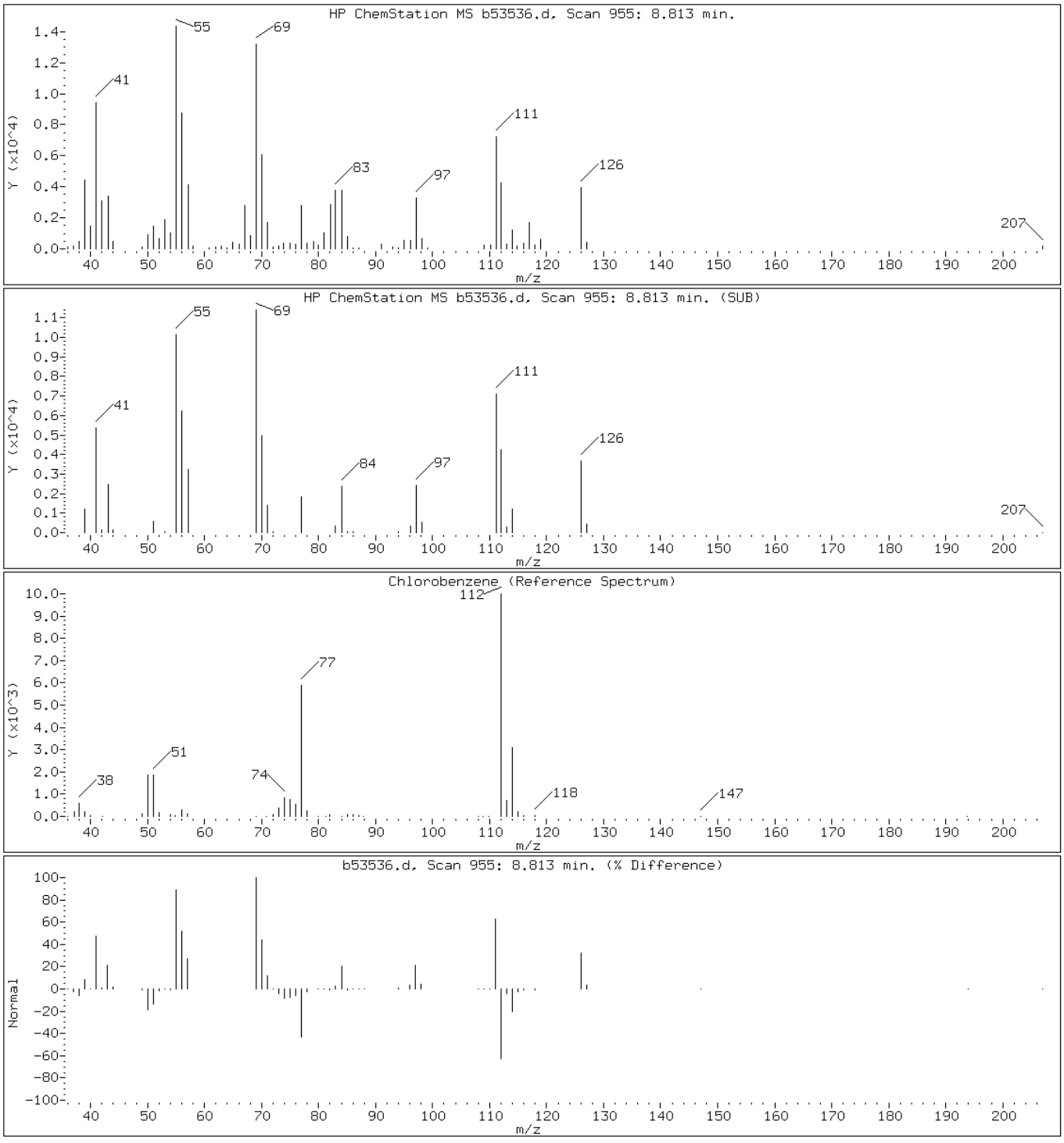
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

79 Chlorobenzene



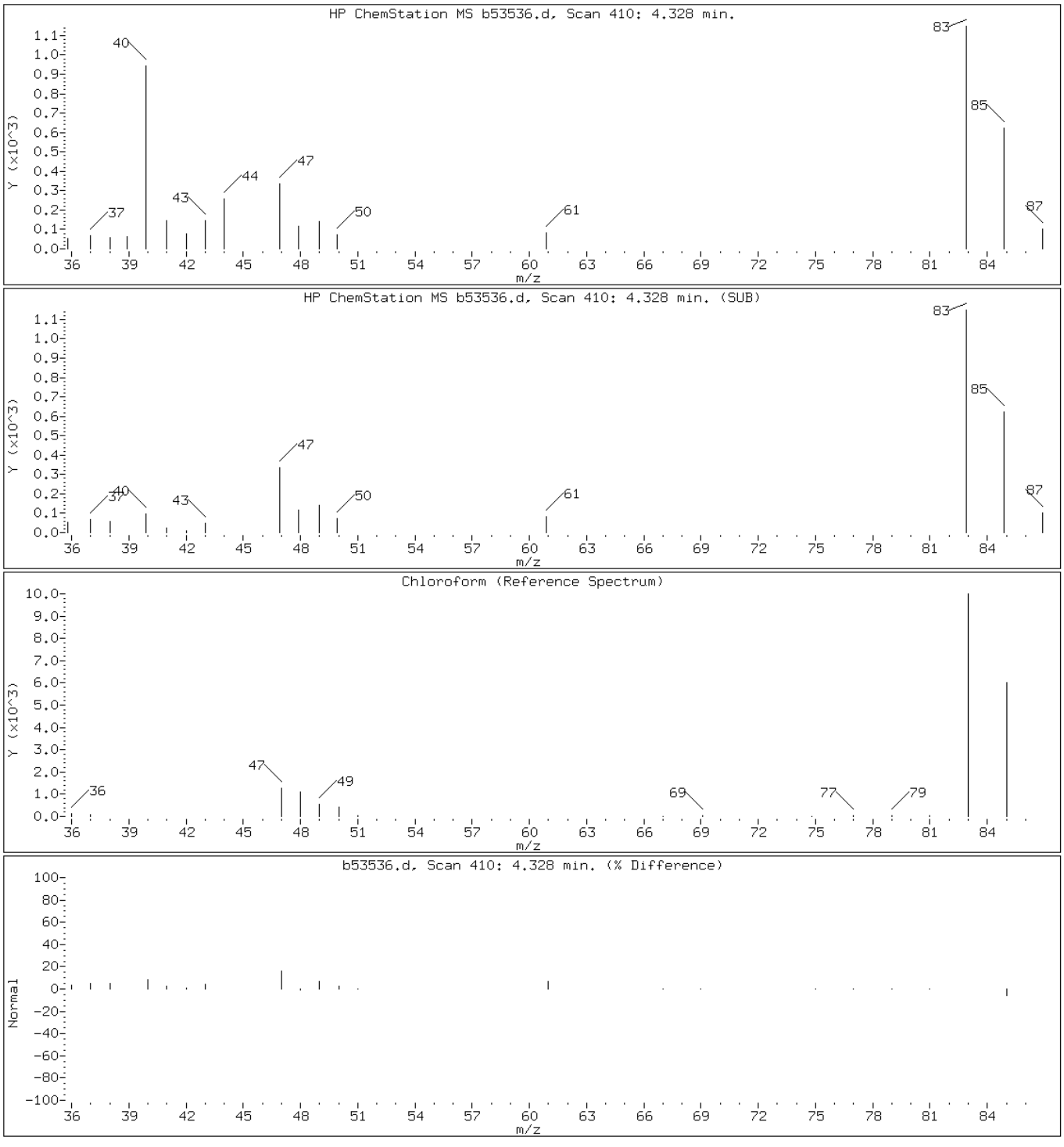
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

42 Chloroform



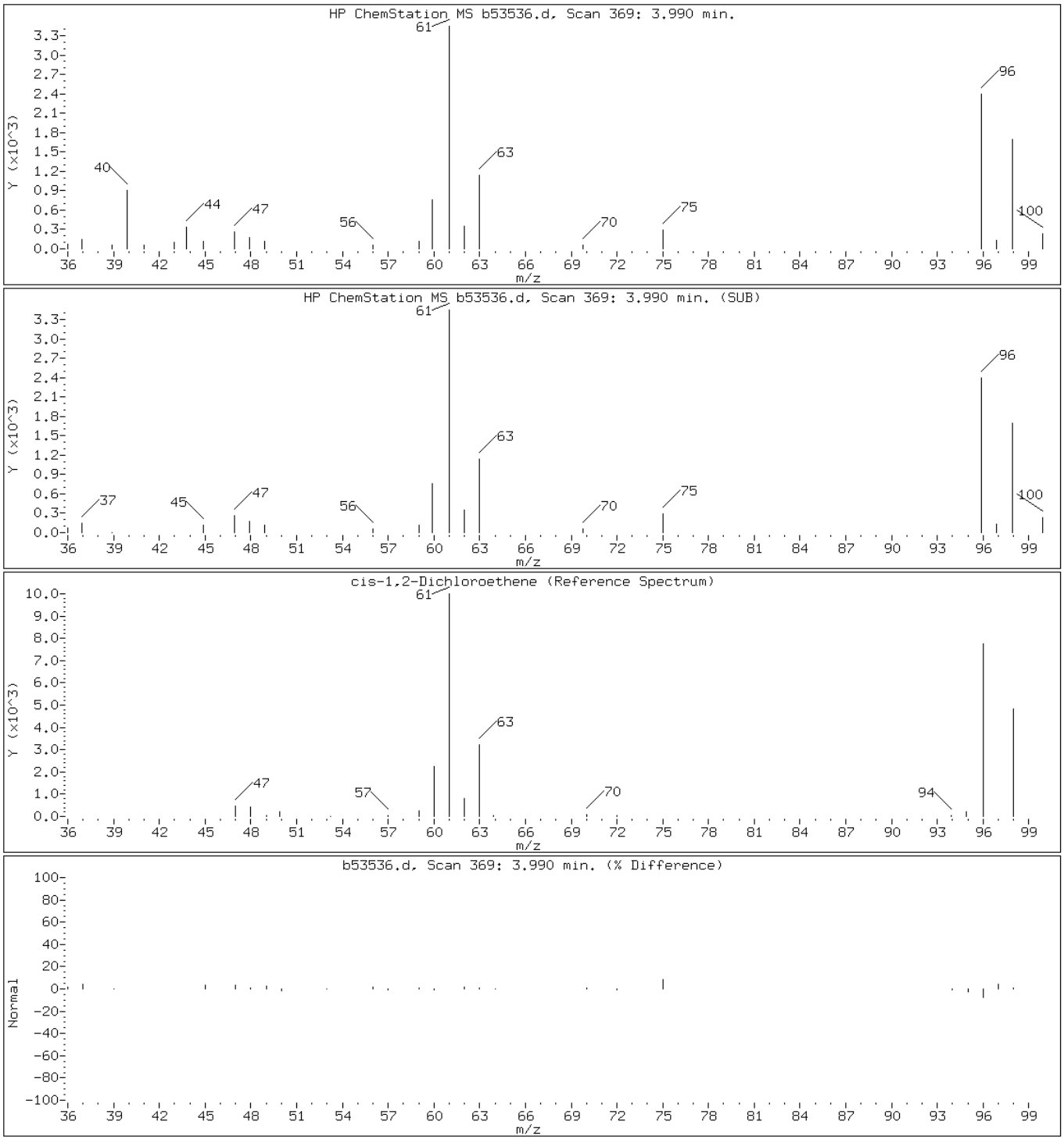
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

36 cis-1,2-Dichloroethene



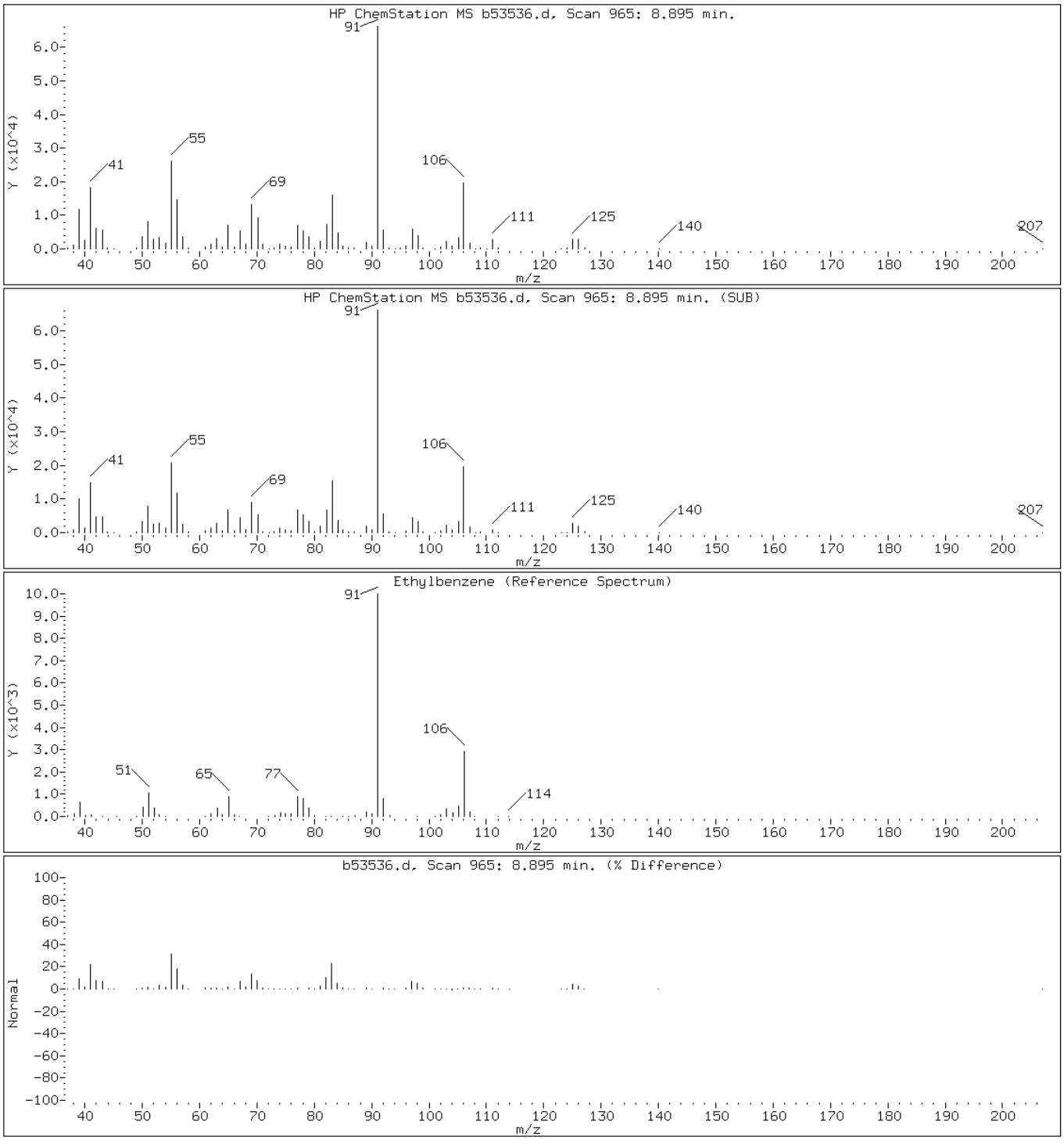
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

81 Ethylbenzene



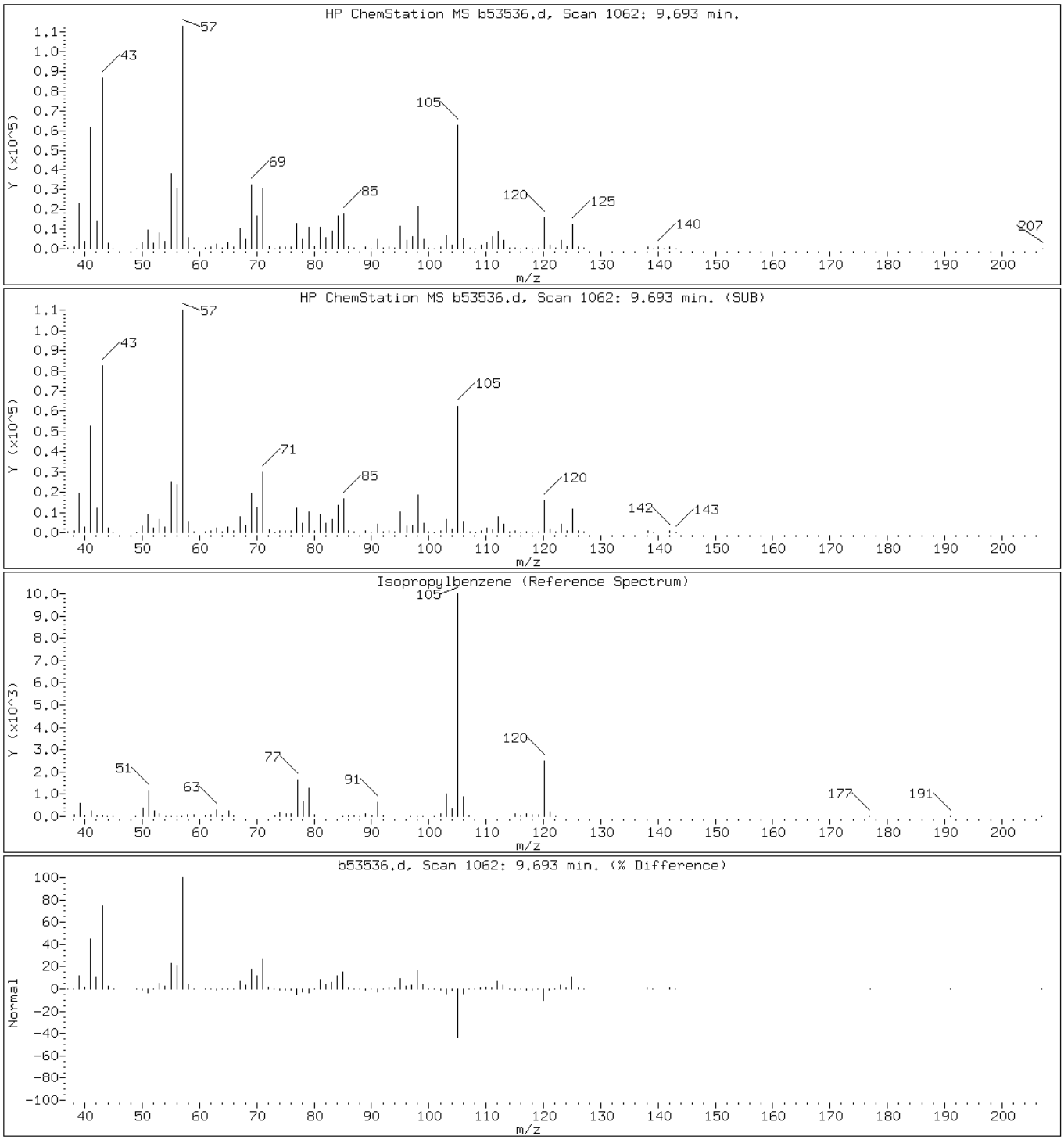
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

88 Isopropylbenzene



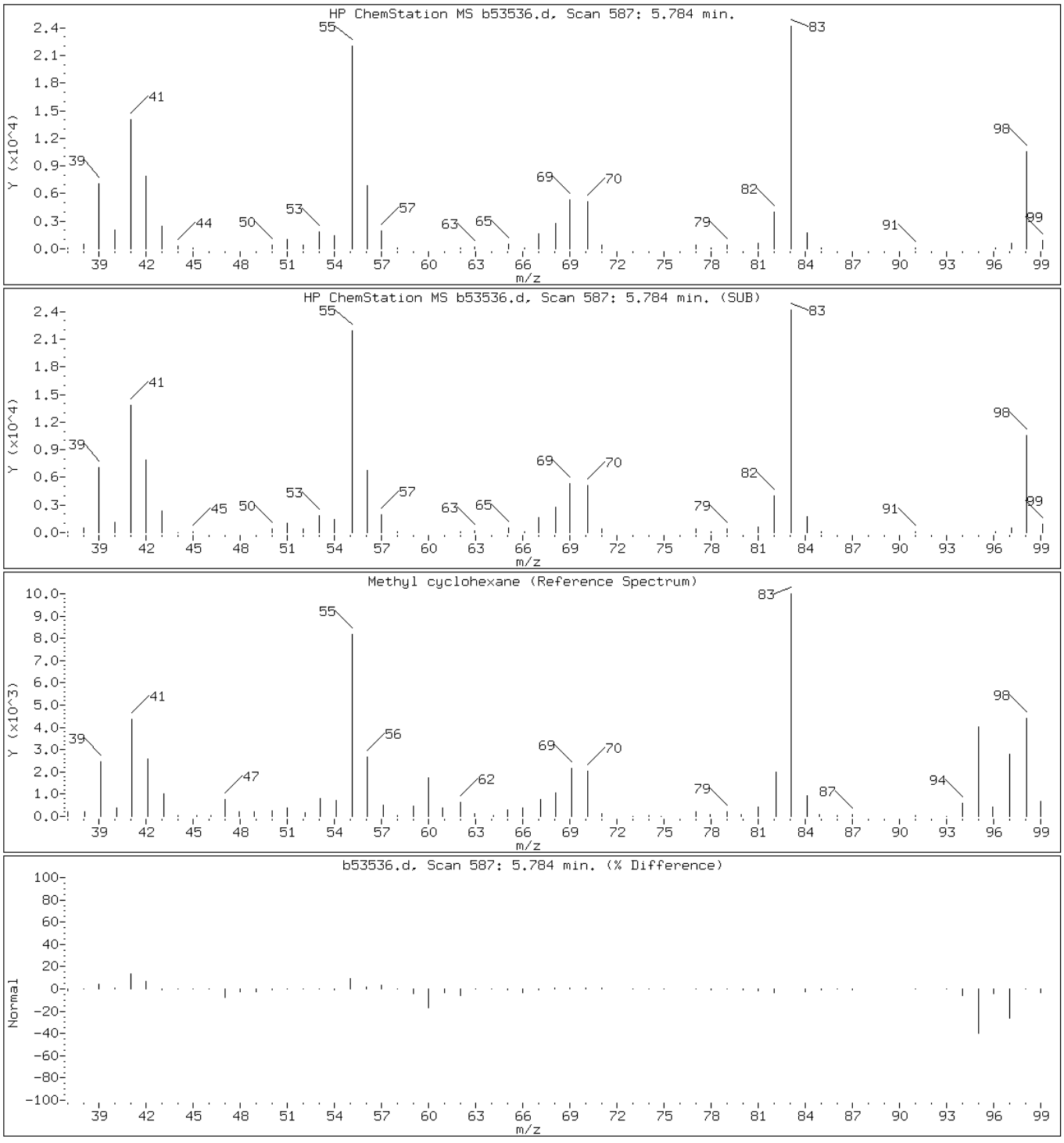
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

56 Methyl cyclohexane



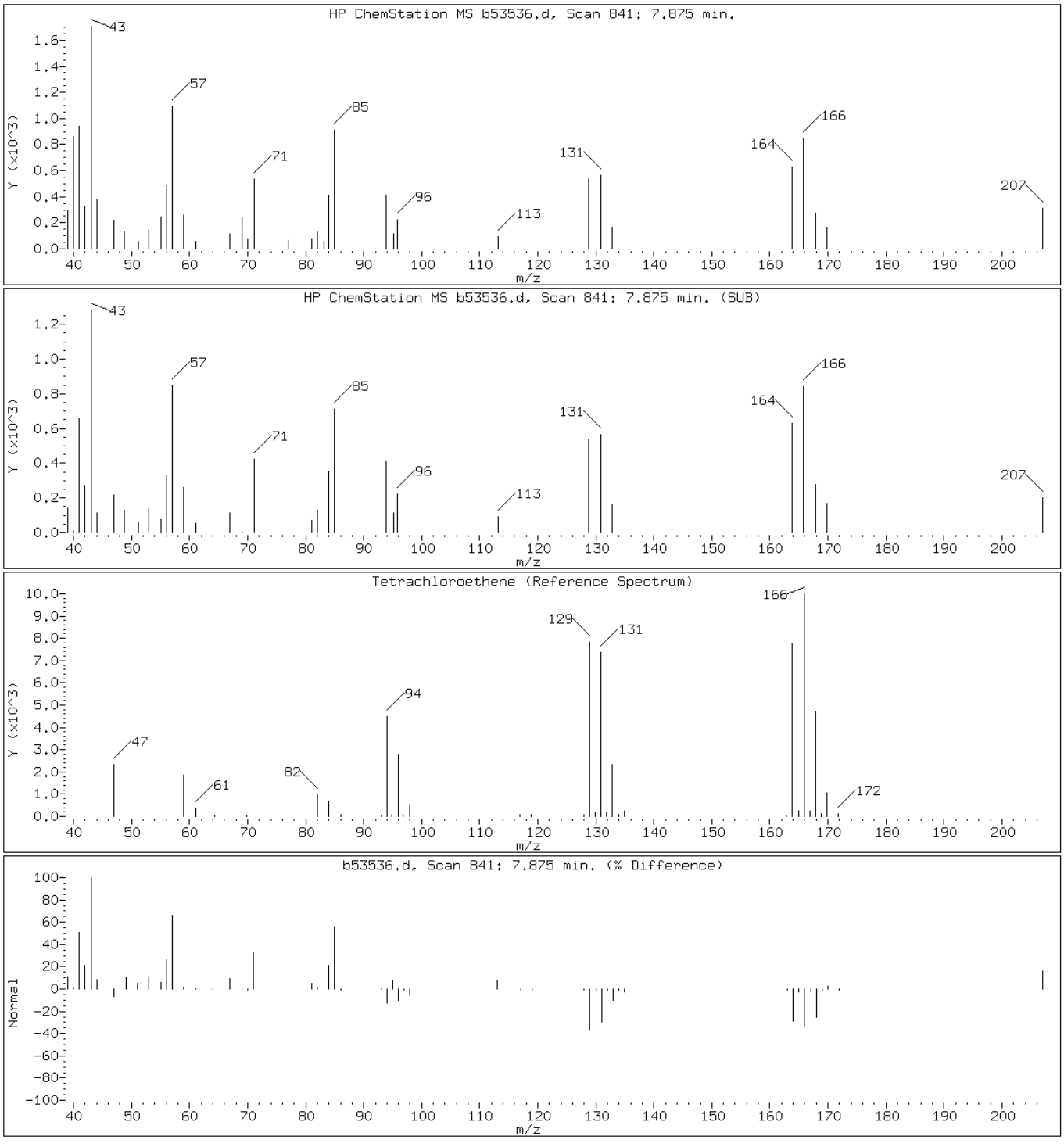
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

71 Tetrachloroethene



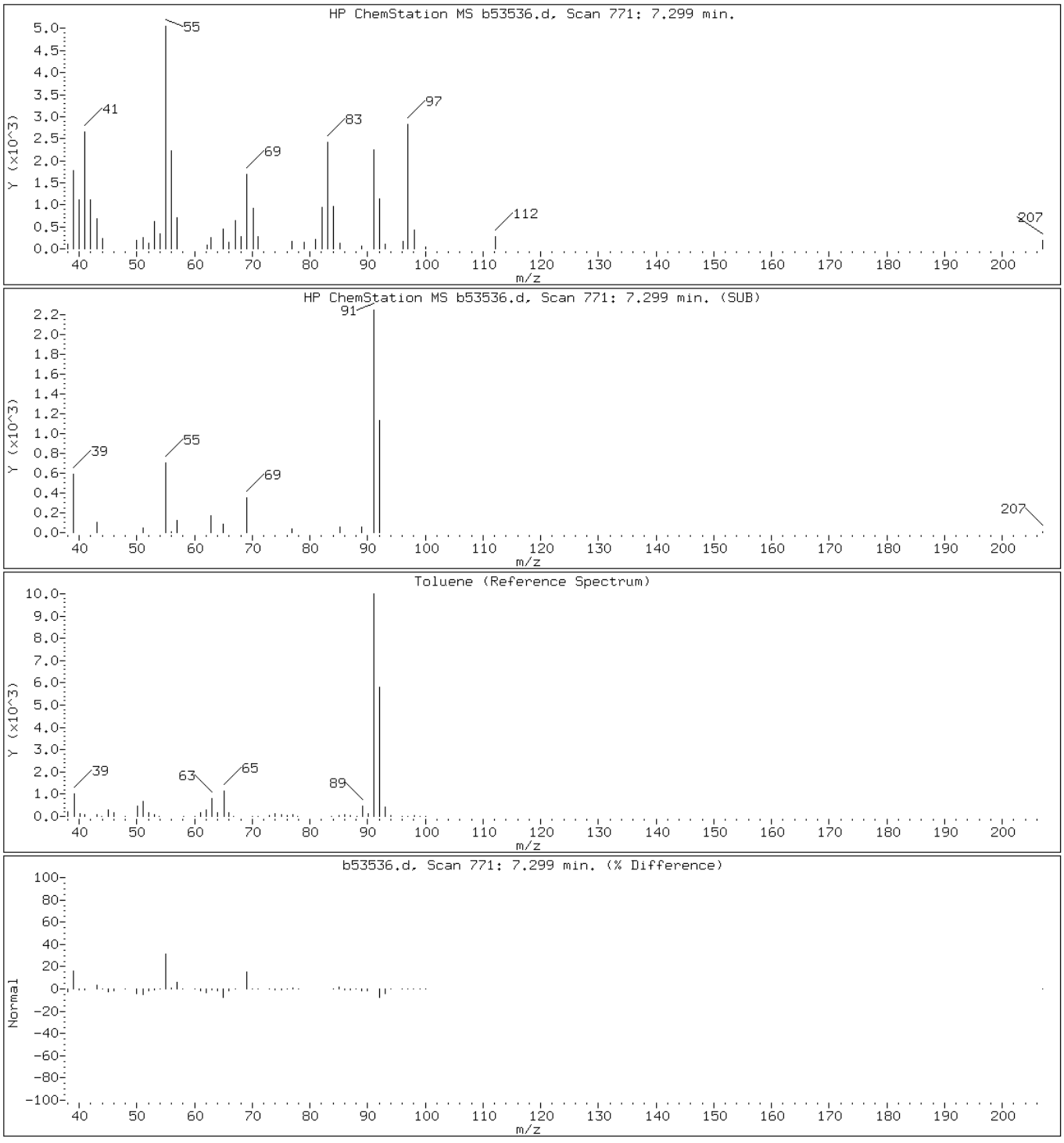
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

66 Toluene



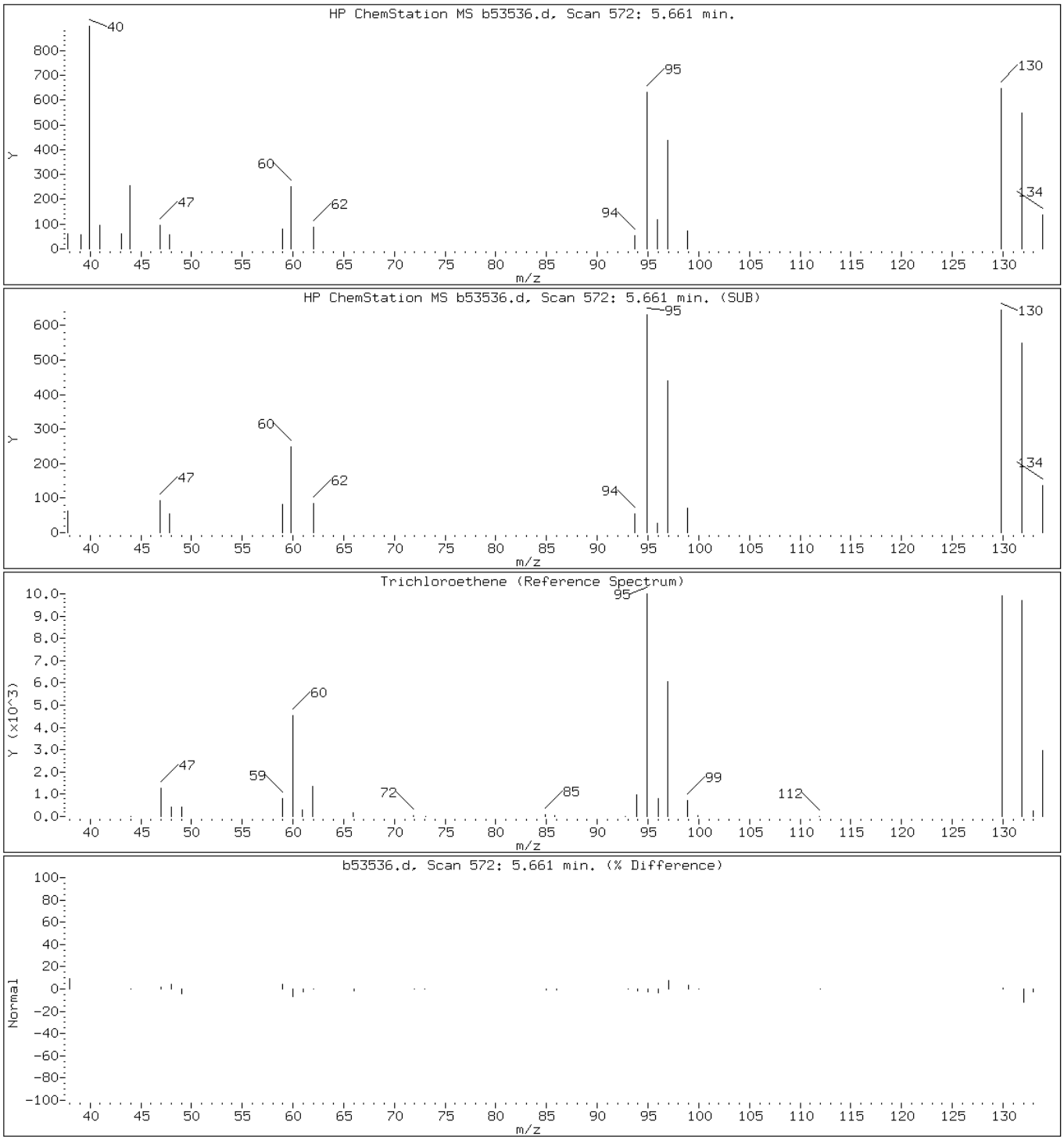
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

54 Trichloroethene



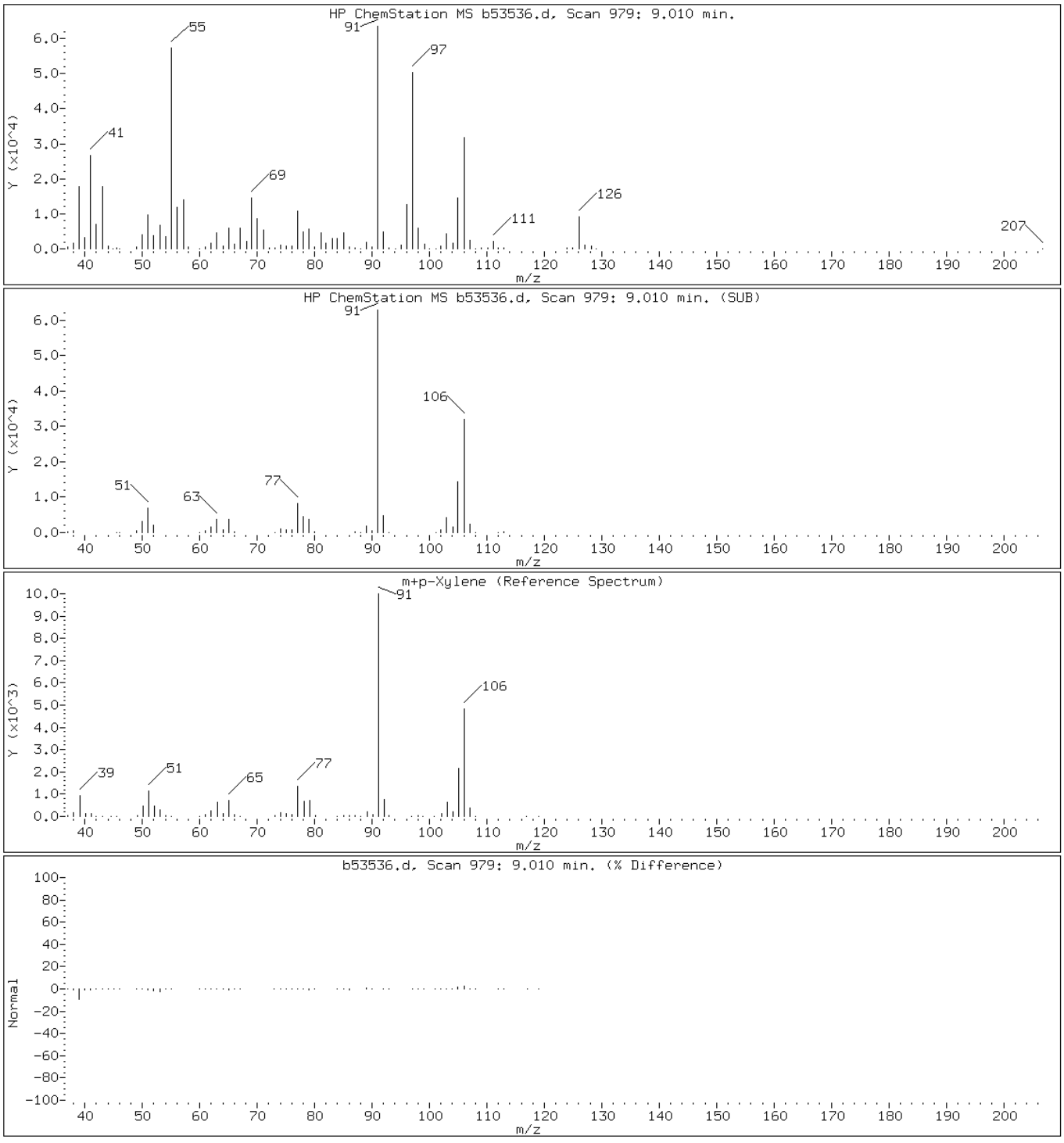
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

82 m+p-Xylene



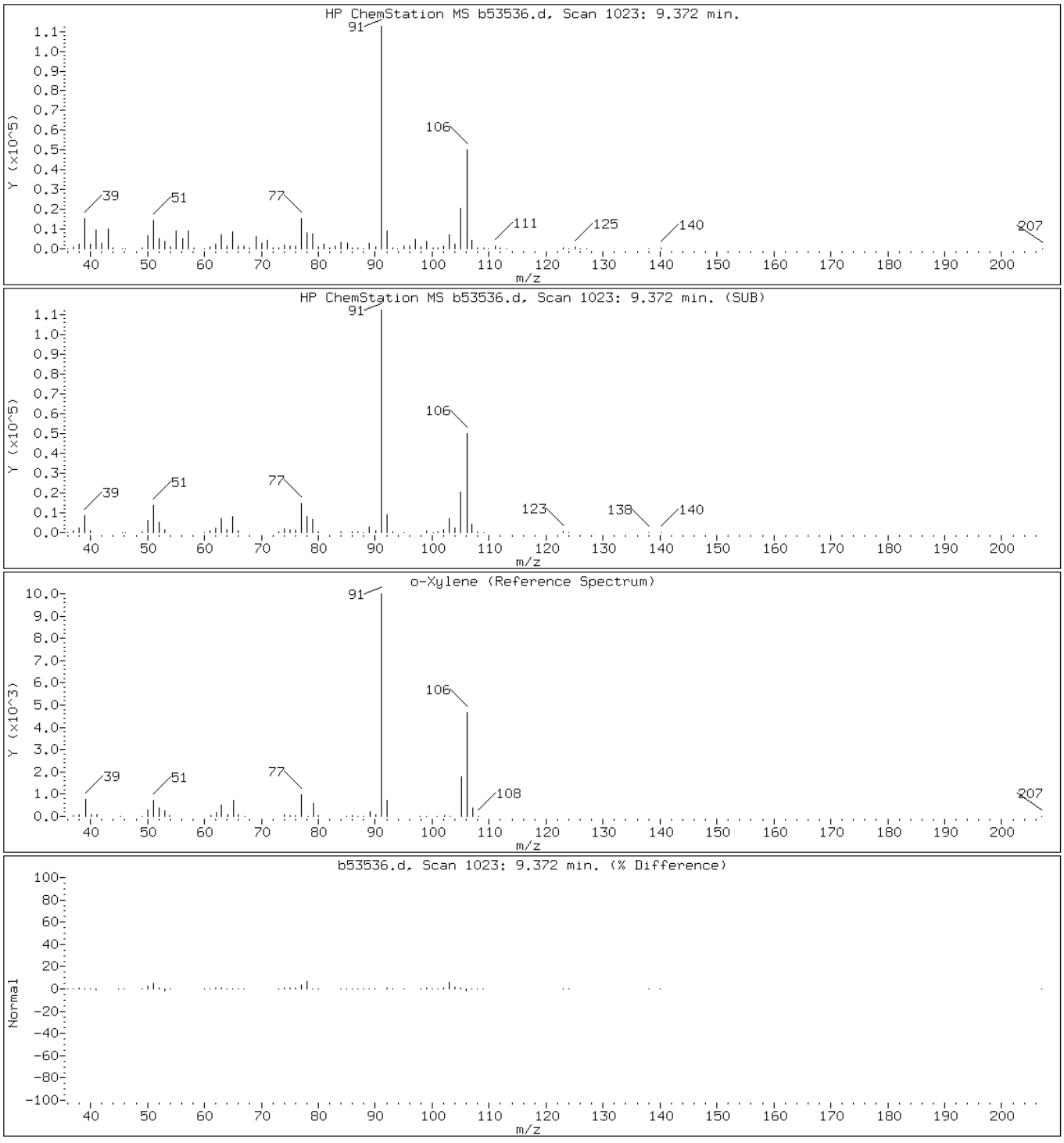
Data File: b53536.d

Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

84 o-Xylene



Data File: b53536.d

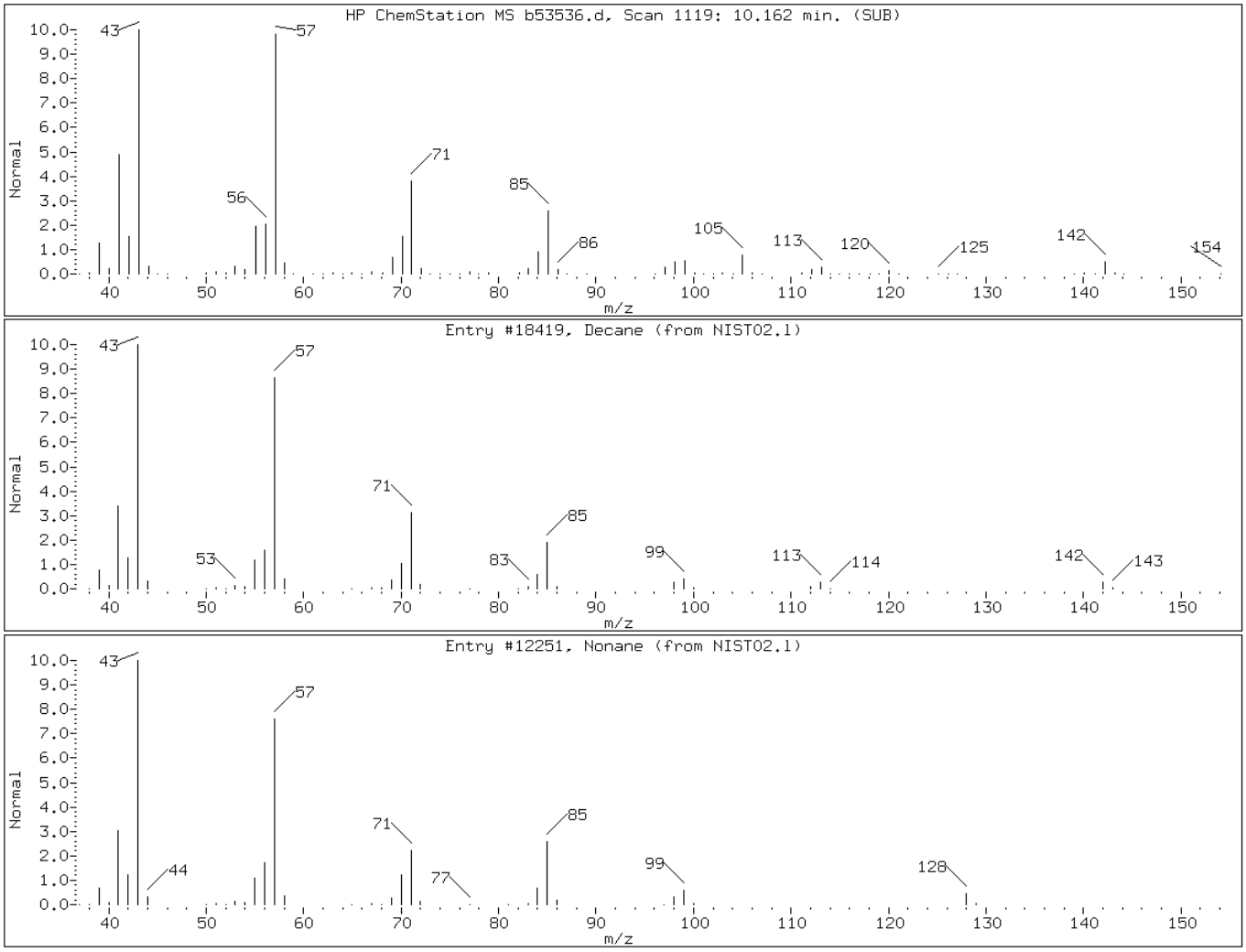
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 10.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Decane	124-18-5	NIST02.l	18419	97	C10H22	142
Nonane	111-84-2	NIST02.l	12251	91	C9H20	128



Data File: b53536.d

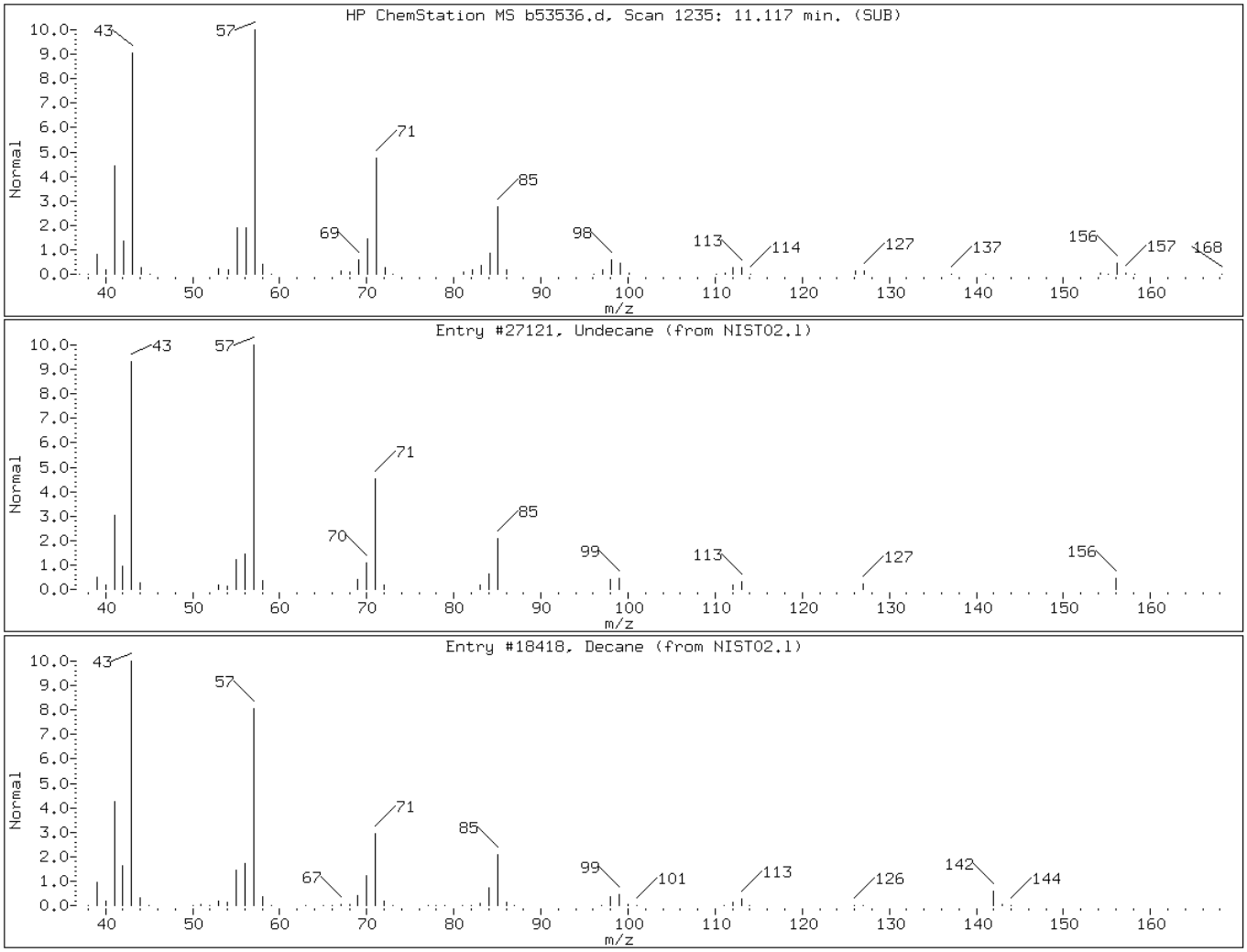
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 11.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27121	94	C11H24	156
Decane	124-18-5	NIST02.l	18418	91	C10H22	142



Data File: b53536.d

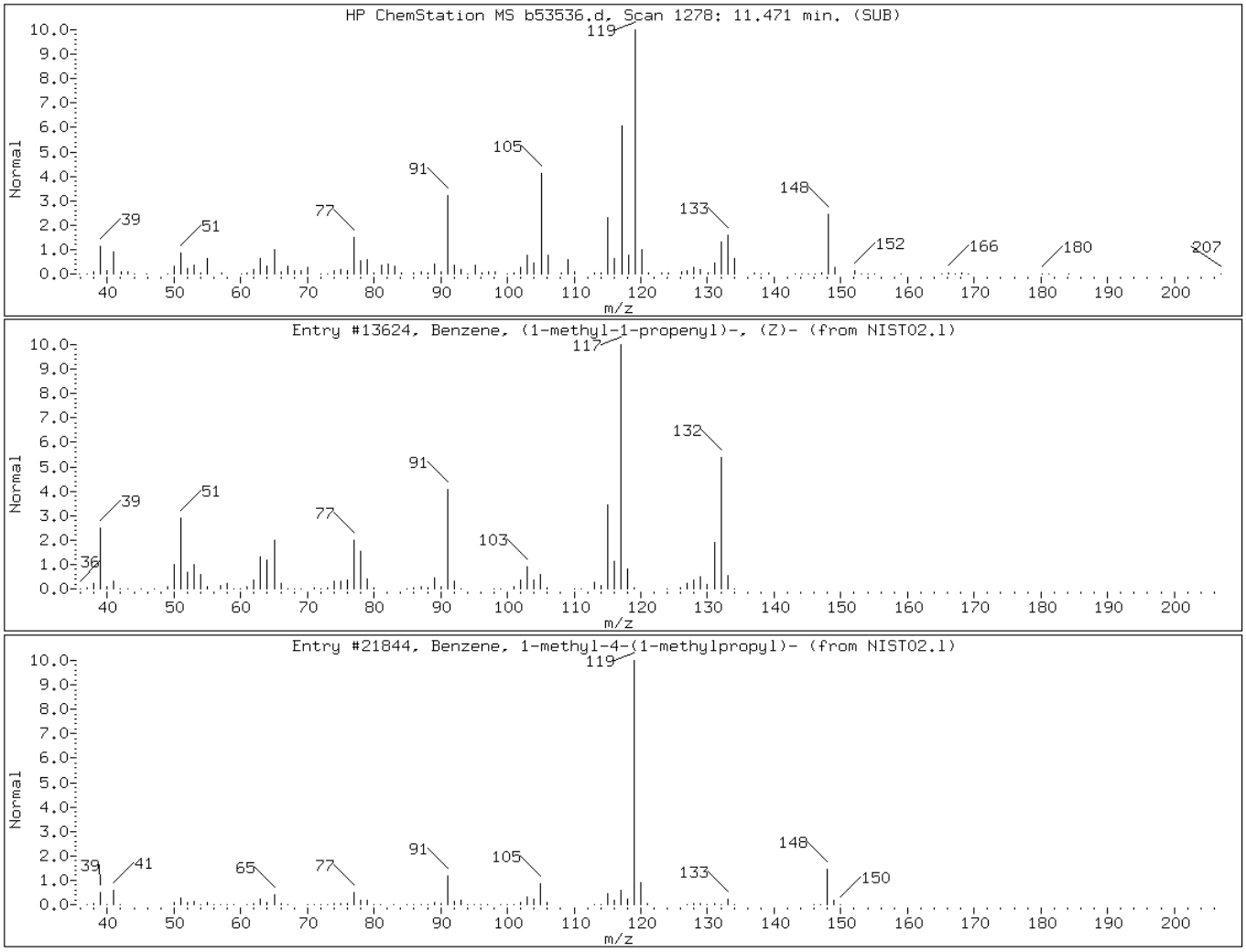
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 11.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, (1-methyl-1-propenyl)-, (	767-99-7	NIST02.l	13624	55	C10H12	132
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	53	C11H16	148



Data File: b53536.d

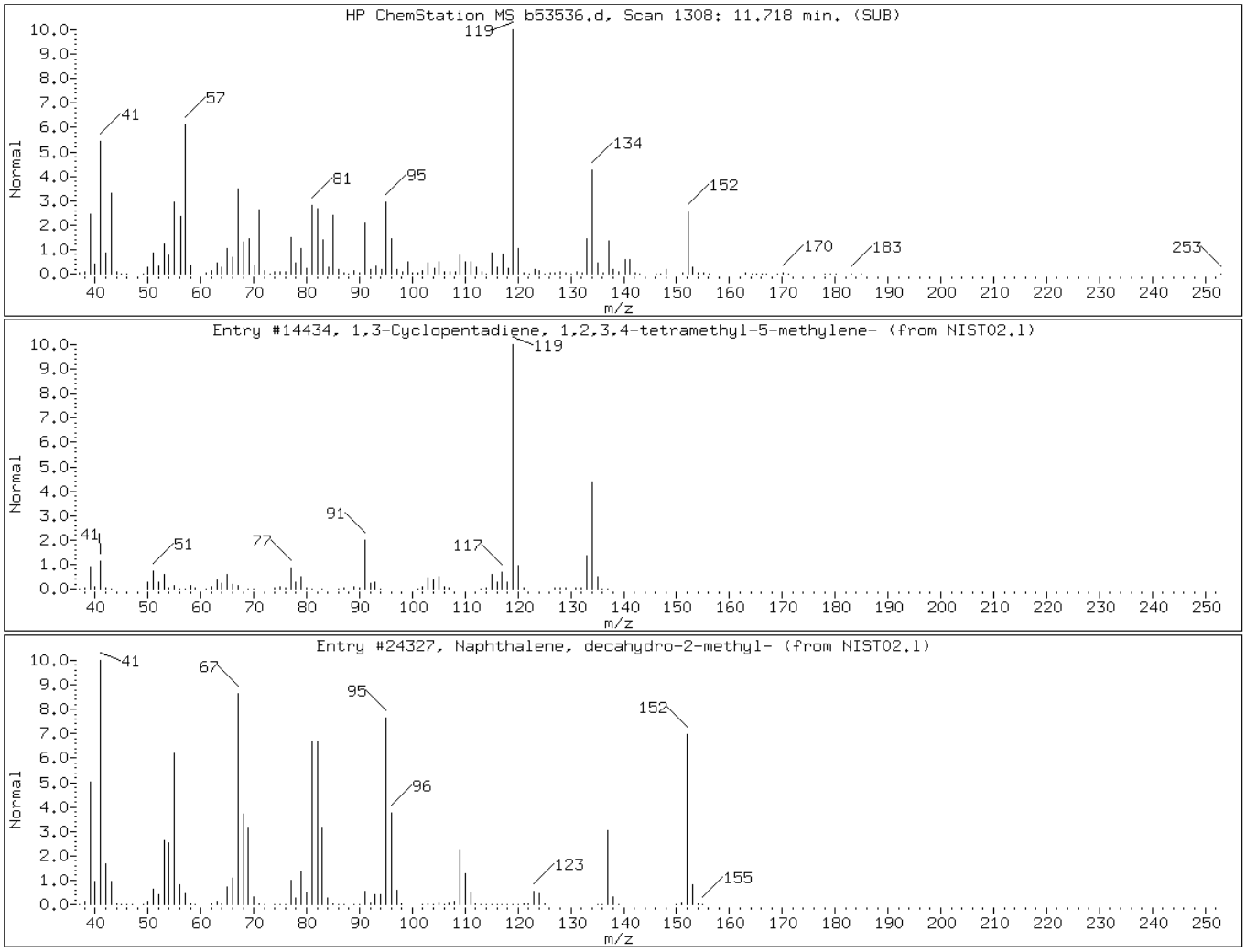
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 11.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
1,3-Cyclopentadiene, 1,2,3,4-tetra	76089-59-3	NIST02.l	14434	95	C10H14	134
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	91	C11H20	152



Data File: b53536.d

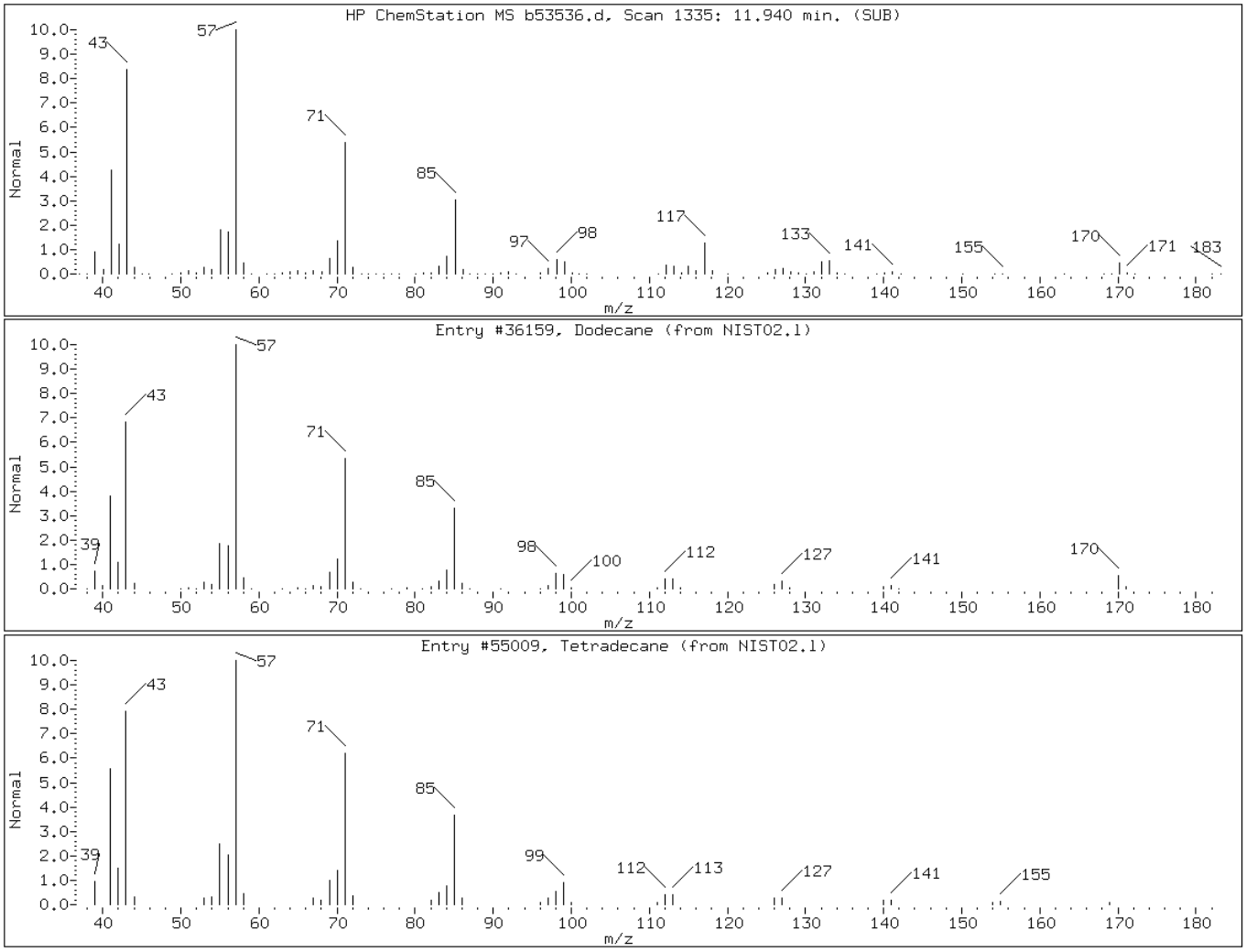
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 11.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane	112-40-3	NIST02.l	36159	95	C12H26	170
Tetradecane	629-59-4	NIST02.l	55009	72	C14H30	198



Data File: b53536.d

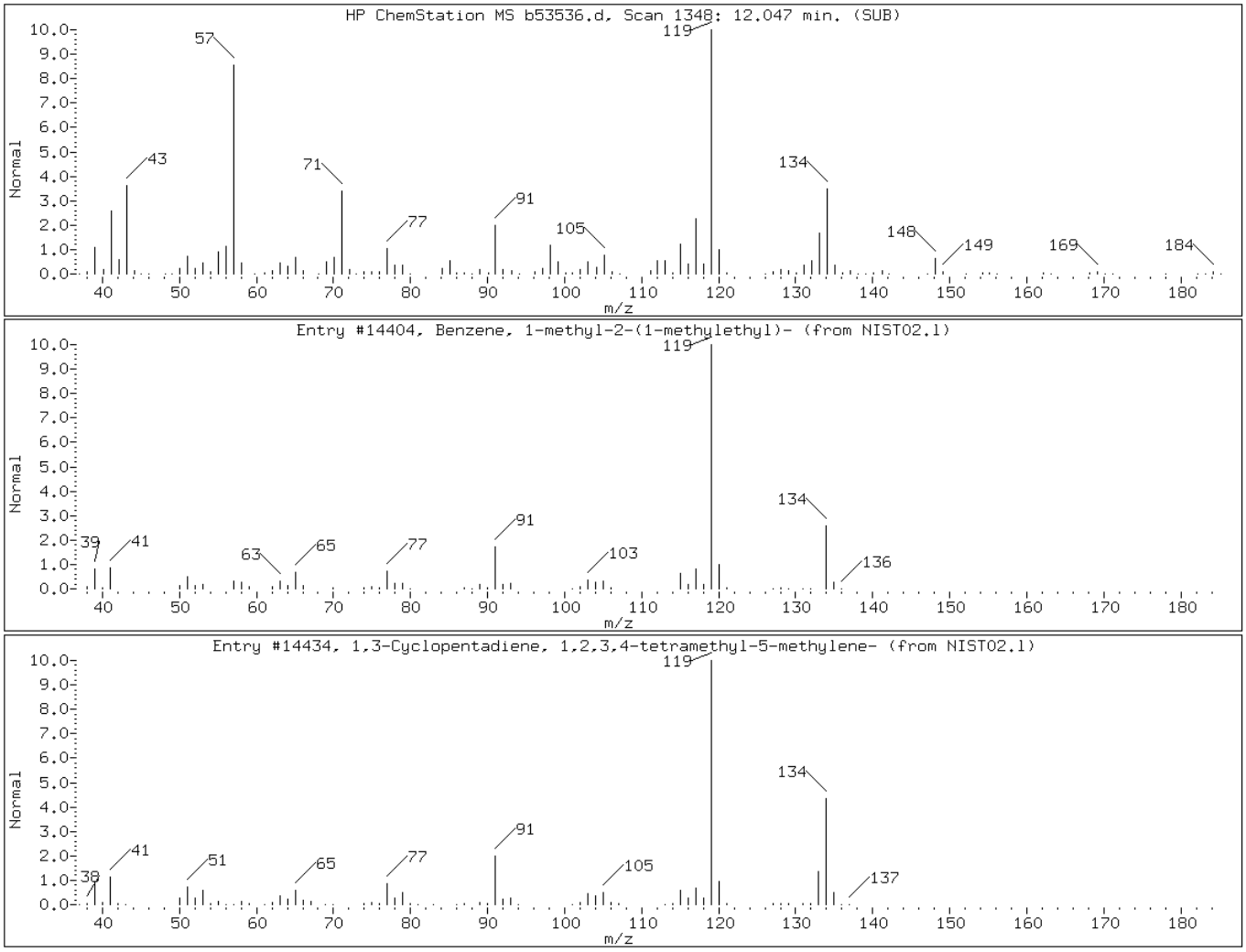
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic/Unknown						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	90	C10H14	134
1,3-Cyclopentadiene, 1,2,3,4-tetra	76089-59-3	NIST02.l	14434	64	C10H14	134



Data File: b53536.d

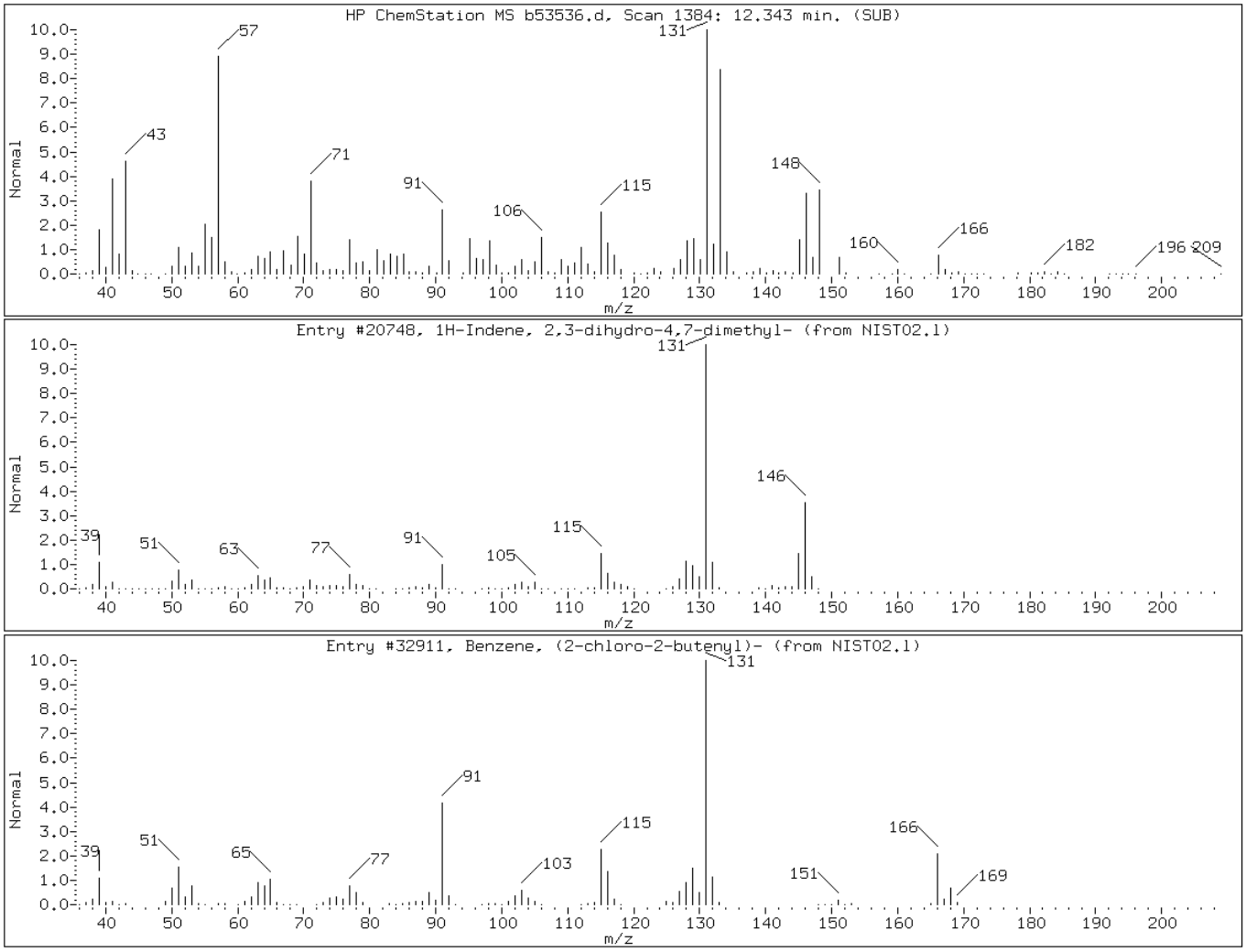
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 12.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics/Unknown						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20748	91	C11H14	146
Benzene, (2-chloro-2-butenyl)-	54411-12-0	NIST02.l	32911	89	C10H11Cl	166



Data File: b53536.d

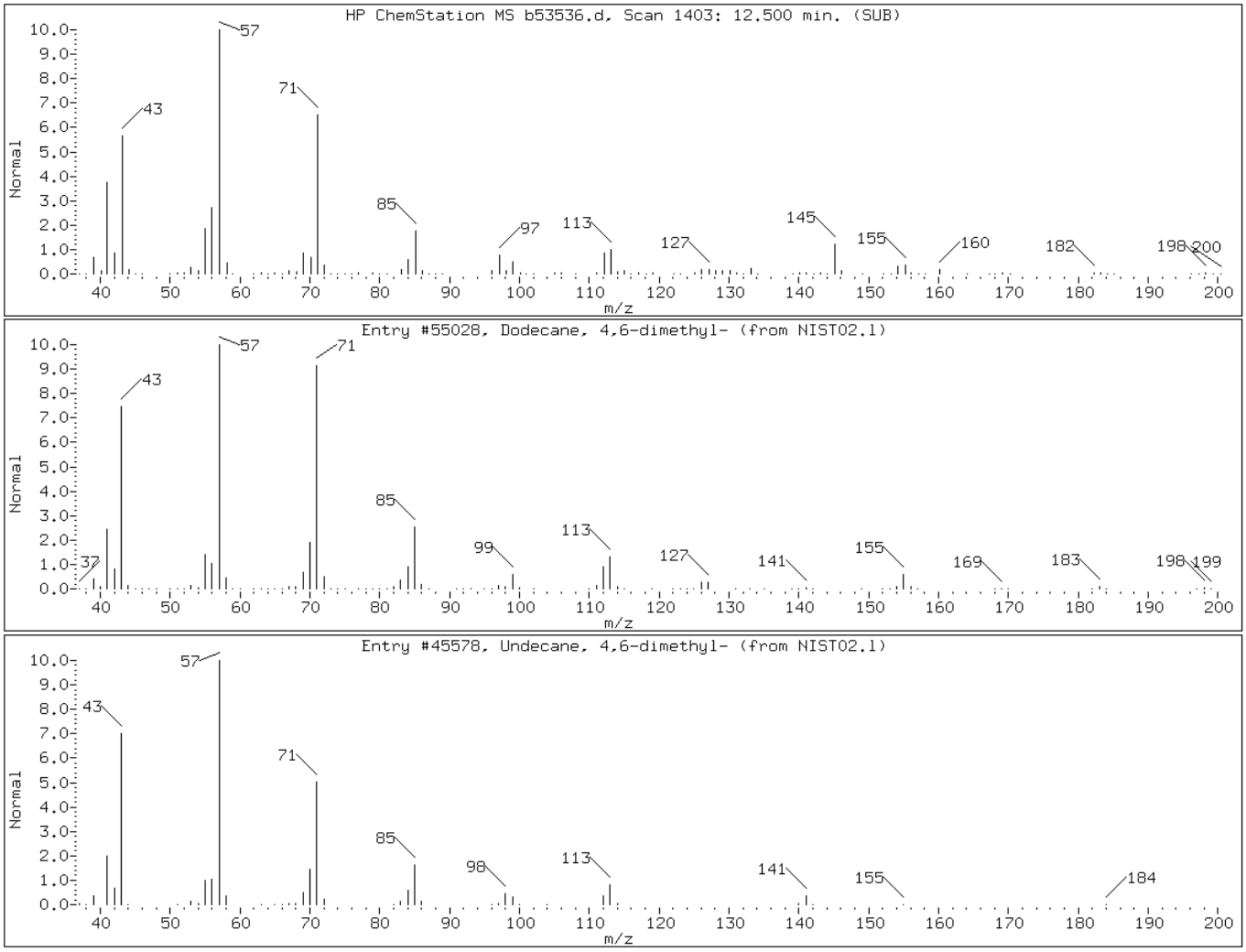
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 12.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55028	86	C14H30	198
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	76	C13H28	184



Data File: b53536.d

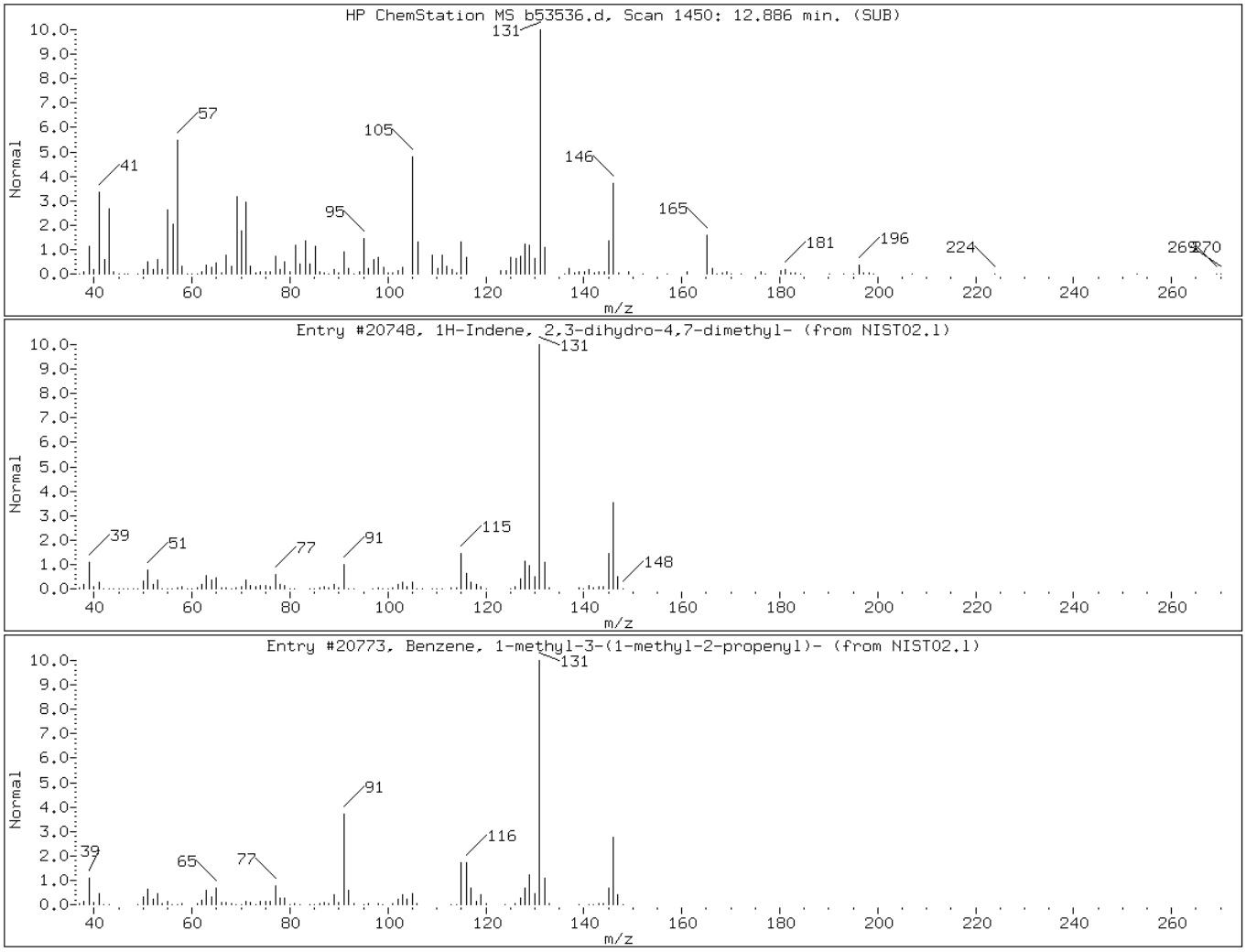
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic/Unknown						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20748	94	C11H14	146
Benzene, 1-methyl-3-(1-methyl-2-pr	52161-57-6	NIST02.l	20773	81	C11H14	146



Data File: b53536.d

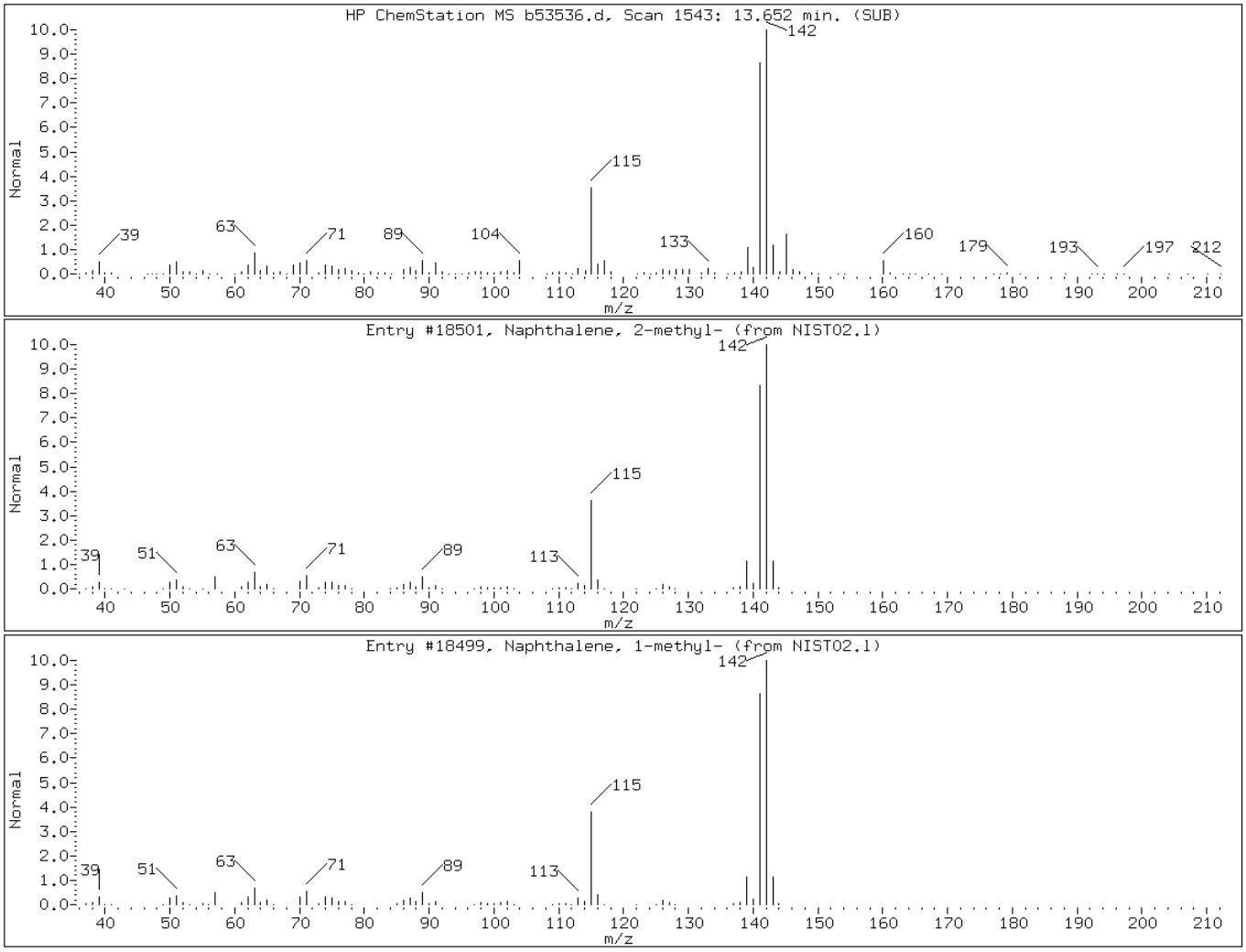
Date: 20-MAR-2013 03:00

Client ID: PMP-6-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-16-A;50;;4.68;5 Operator:

Retention Time: 13.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylnaphthalene isomer						
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD | Lab Sample ID: 460-52450-17

Matrix: Solid | Lab File ID: d30838.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:20

Sample wt/vol: 4.83(g) | Date Analyzed: 03/23/2013 09:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.5 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.097	U	1.1	0.097
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	2.1		1.1	0.17
120-82-1	1,2,4-Trichlorobenzene	1.2		1.1	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.1	0.47
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.30	J	1.1	0.11
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
541-73-1	1,3-Dichlorobenzene	0.87	J	1.1	0.17
106-46-7	1,4-Dichlorobenzene	3.1		1.1	0.12
123-91-1	1,4-Dioxane	14	U	54	14
78-93-3	2-Butanone	0.68	U	11	0.68
591-78-6	2-Hexanone	0.14	U	11	0.14
108-10-1	4-Methyl-2-pentanone	0.21	U	11	0.21
67-64-1	Acetone	1.8	U	11	1.8
71-43-2	Benzene	0.16	U	1.1	0.16
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34
75-25-2	Bromoform	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.46	U	1.1	0.46
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
75-00-3	Chloroethane	0.35	U	1.1	0.35
67-66-3	Chloroform	0.26	U	1.1	0.26
74-87-3	Chloromethane	0.17	U	1.1	0.17
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
100-41-4	Ethylbenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD | Lab Sample ID: 460-52450-17

Matrix: Solid | Lab File ID: d30838.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:20

Sample wt/vol: 4.83(g) | Date Analyzed: 03/23/2013 09:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.5 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.0	J B	1.1	0.16
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.30	U	1.1	0.30
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.16	J	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
1330-20-7	Xylenes, Total	0.72	U	3.2	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	117		70-130
460-00-4	Bromofluorobenzene	117		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD Lab Sample ID: 460-52450-17

Matrix: Solid Lab File ID: d30838.d

Analysis Method: 8260B Date Collected: 03/14/2013 12:20

Sample wt/vol: 4.83(g) Date Analyzed: 03/23/2013 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.5 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30838.d
Report Date: 25-Mar-2013 20:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30838.d
Lab Smp Id: 460-52450-E-17-A Client Smp ID: PMP-5-NE-VD
Inj Date : 23-MAR-2013 09:42
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-E-17-A;;;4.83;5
Misc Info : 460-52450-E-17-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 8
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	4.83000	Weight of sample extracted (g)
M	3.50877	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.469	2.469	(0.543)	2986	0.95480	1.0(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.942)	93531	55.3068	59
*	69 Fluorobenzene	96	4.545	4.545	(1.000)	406836	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	394851	58.5511	63
	38 Toluene	91	6.275	6.287	(0.795)	2382	0.14810	0.16(a)
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	263501	50.0000	
	44 o-Xylene	106	8.469	8.469	(1.073)	1946	0.29614	0.32(a)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	170760	58.4795	63
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	141190	50.0000	
	68 1,4-Dichlorobenzene	146	9.821	9.822	(1.001)	24886	2.88616	3.1
	67 1,3-Dichlorobenzene	146	9.757	9.757	(0.994)	7164	0.81353	0.87(a)
	69 1,2-Dichlorobenzene	146	10.127	10.127	(1.032)	2200	0.27649	0.30(a)
	93 1,2,4-Trichlorobenzene	180	11.174	11.180	(1.138)	7063	1.11496	1.2
	98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	10939	1.96854	2.1

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30838.d
Report Date: 25-Mar-2013 20:52

QC Flag Legend

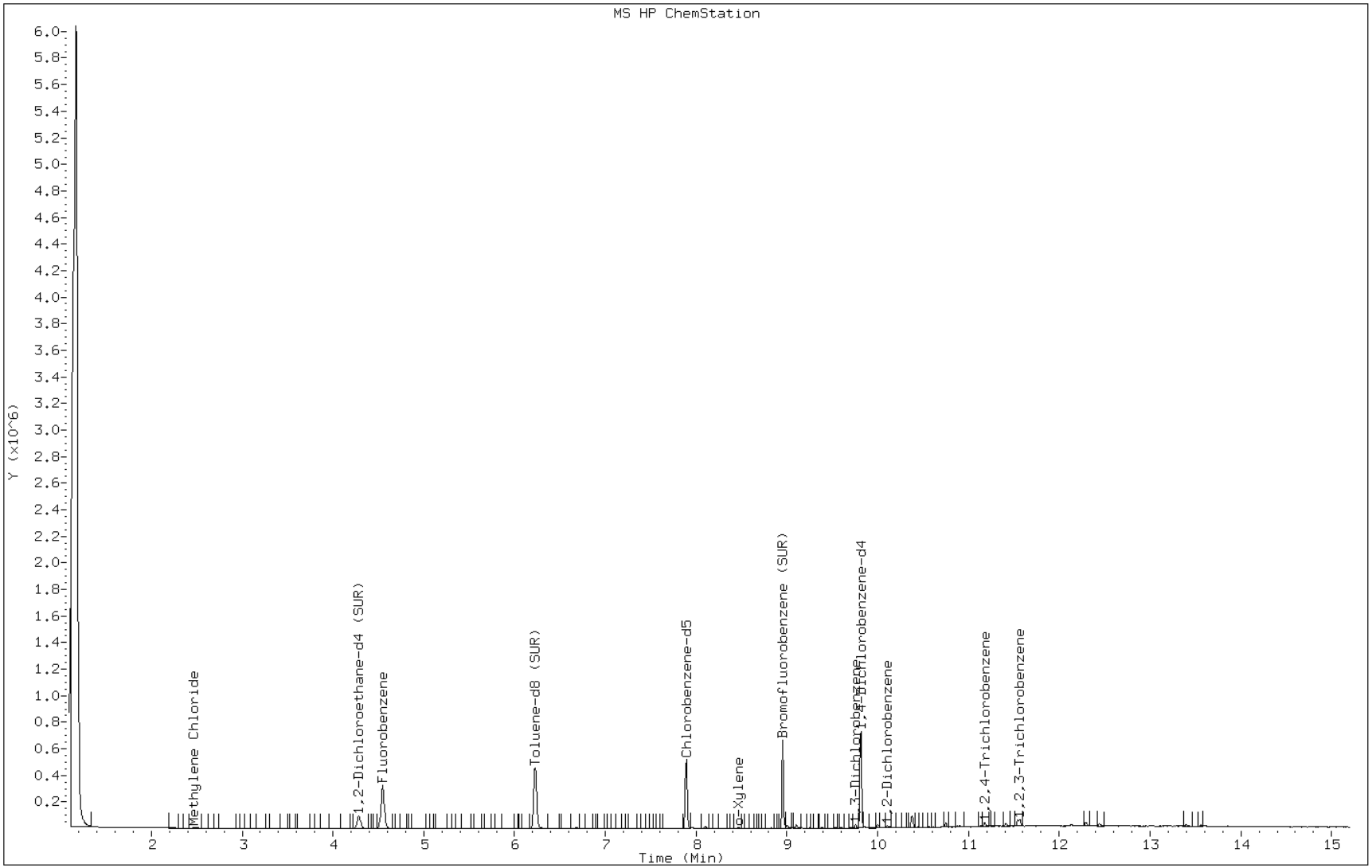
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30838.d

Date: 23-MAR-2013 09:42

Client ID: PMP-5-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-17-A;;;4.83;5 Operator: VOAMS 9



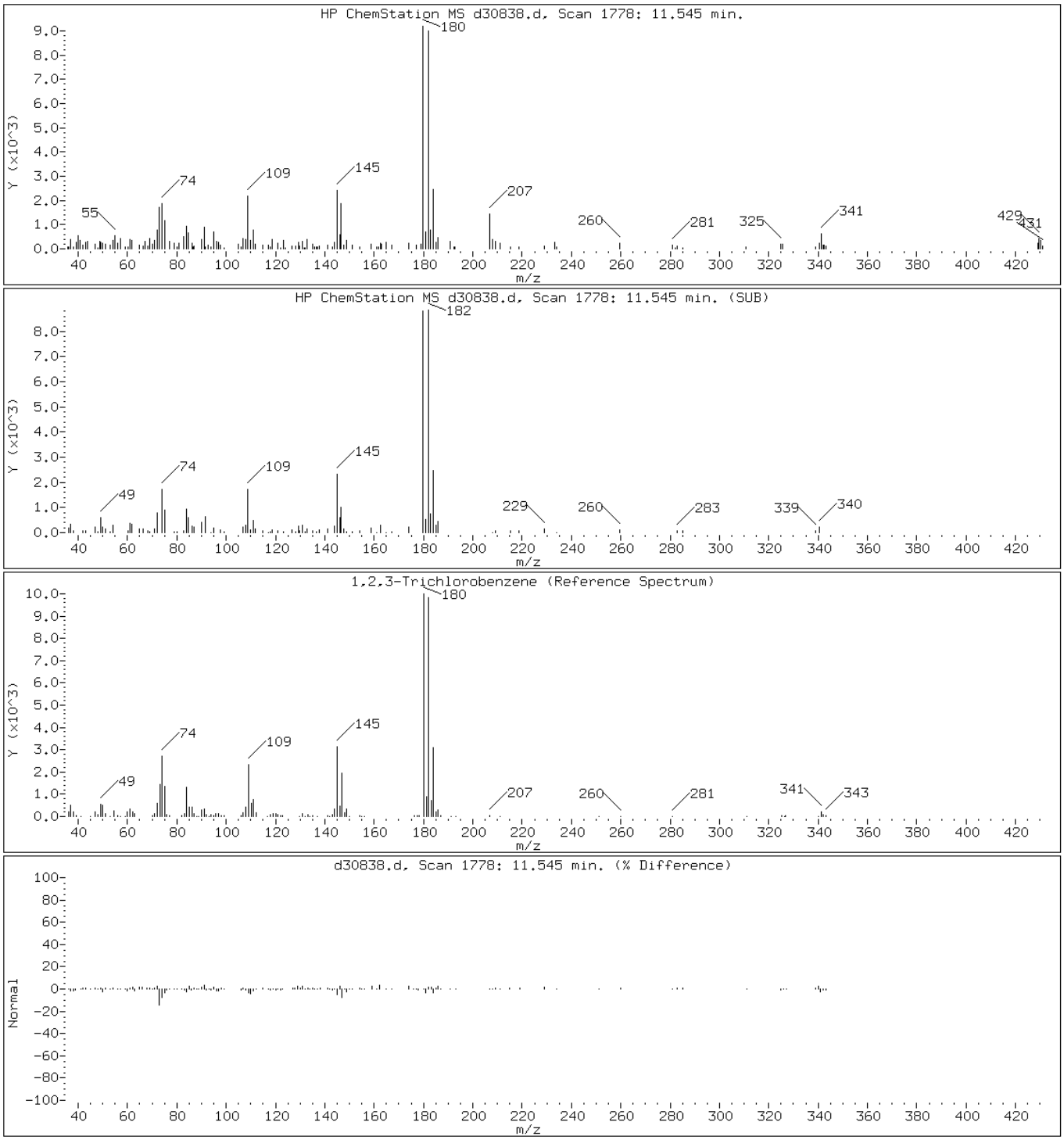
Data File: d30838.d

Date: 23-MAR-2013 09:42

Client ID: PMP-5-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-17-A;;;4.83;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



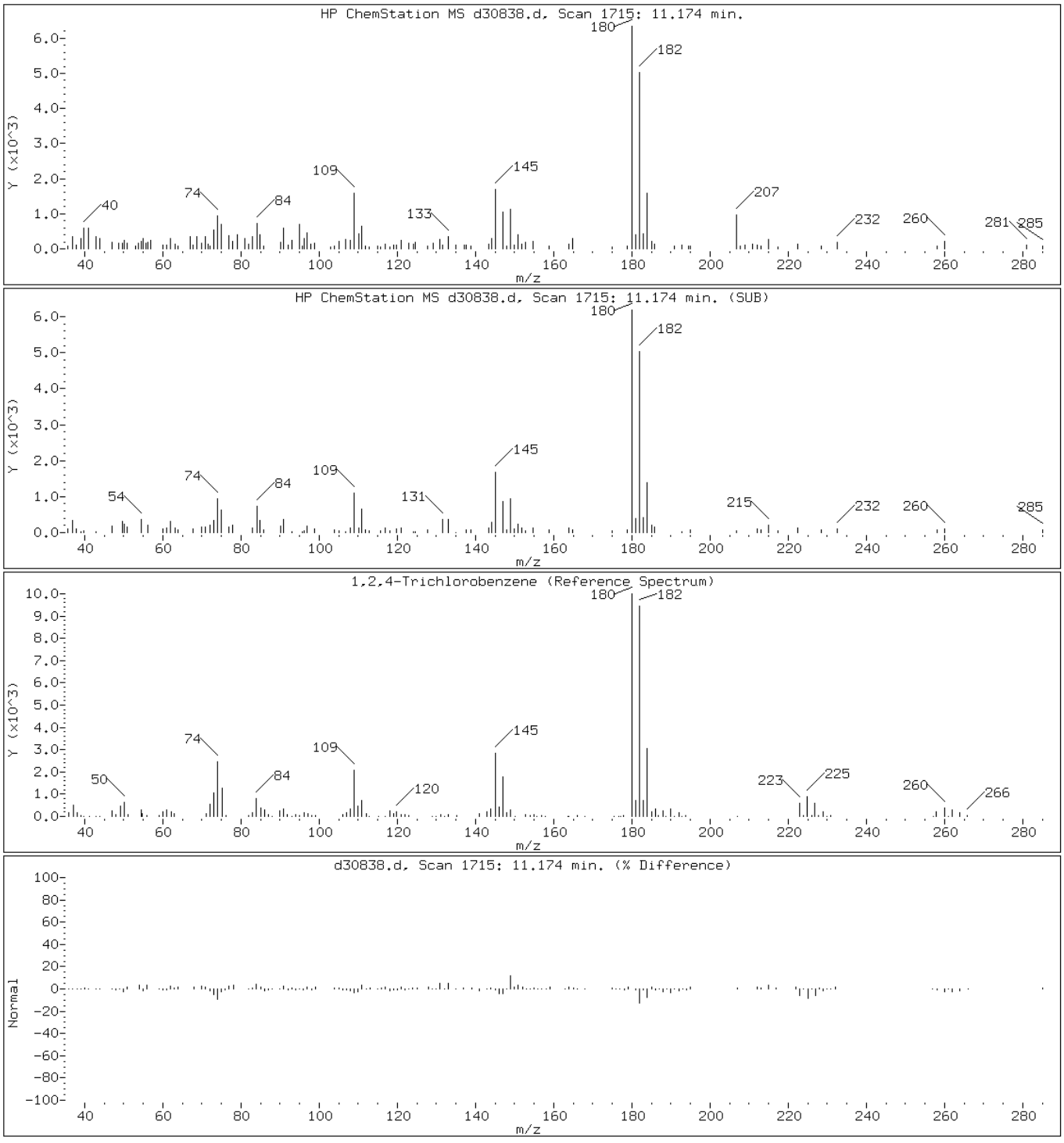
Data File: d30838.d

Date: 23-MAR-2013 09:42

Client ID: PMP-5-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-17-A;;;4.83;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



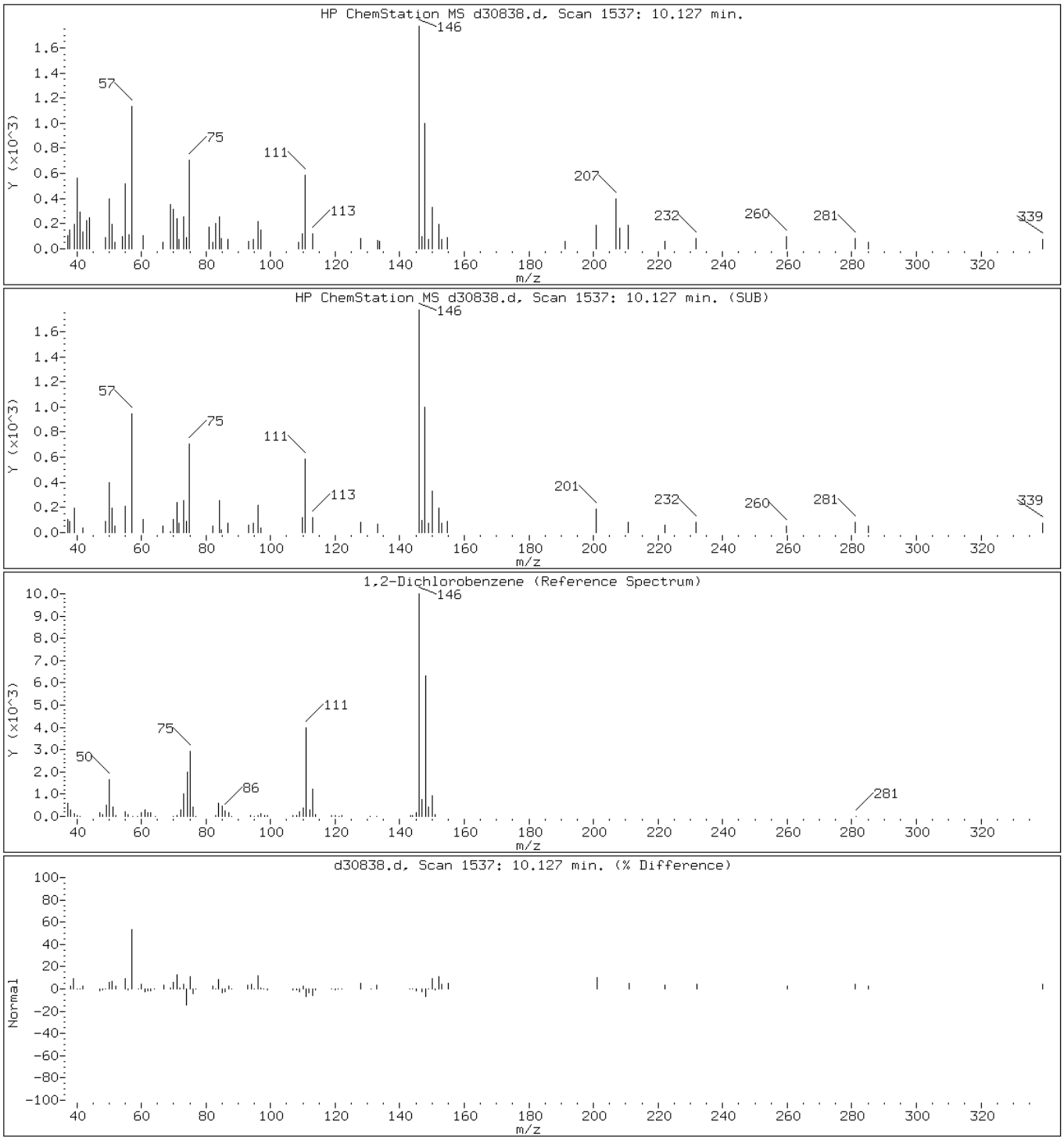
Data File: d30838.d

Date: 23-MAR-2013 09:42

Client ID: PMP-5-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-17-A;;;4.83;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



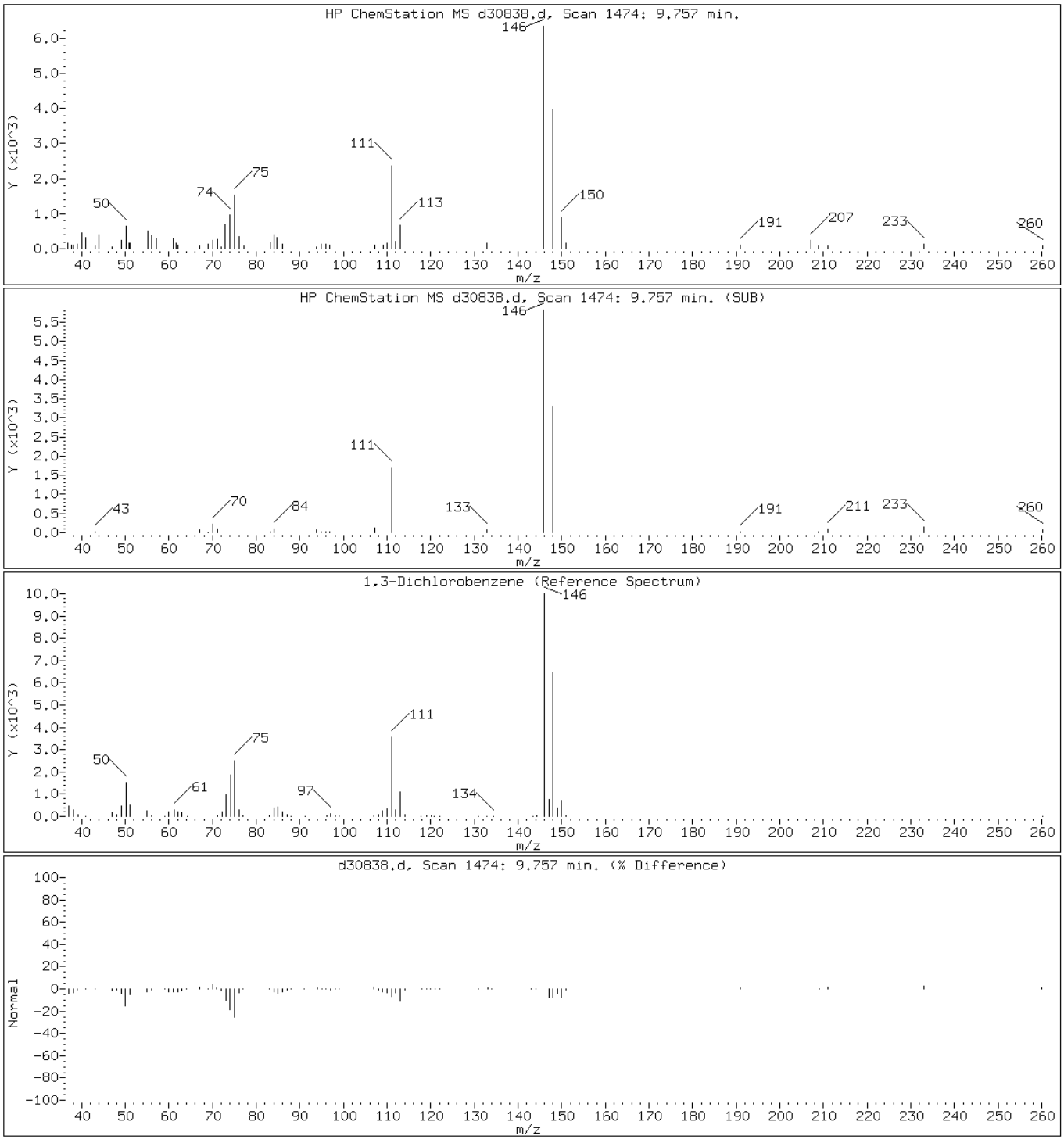
Data File: d30838.d

Date: 23-MAR-2013 09:42

Client ID: PMP-5-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-17-A;;;4.83;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



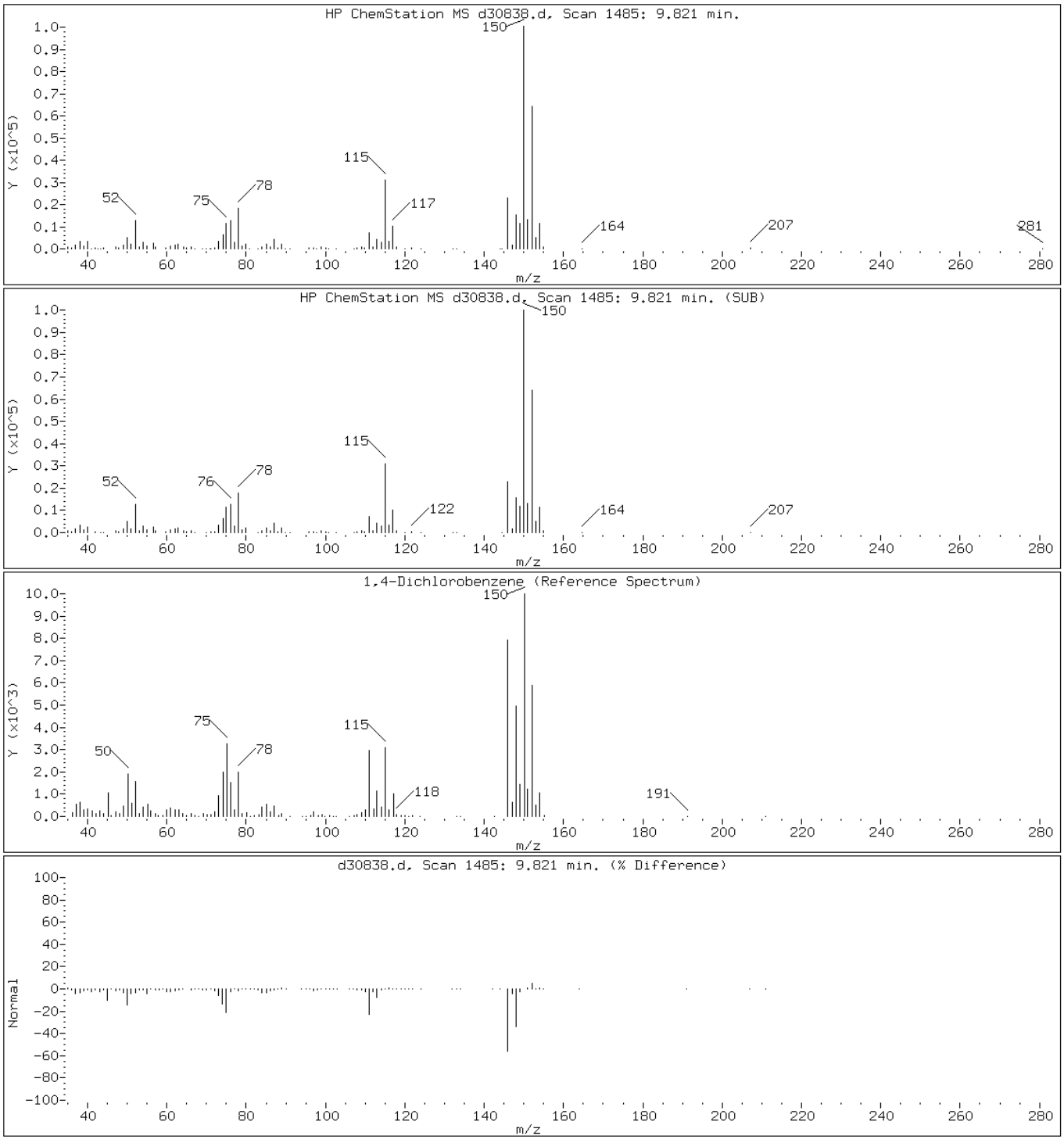
Data File: d30838.d

Date: 23-MAR-2013 09:42

Client ID: PMP-5-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-17-A;;;4.83;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



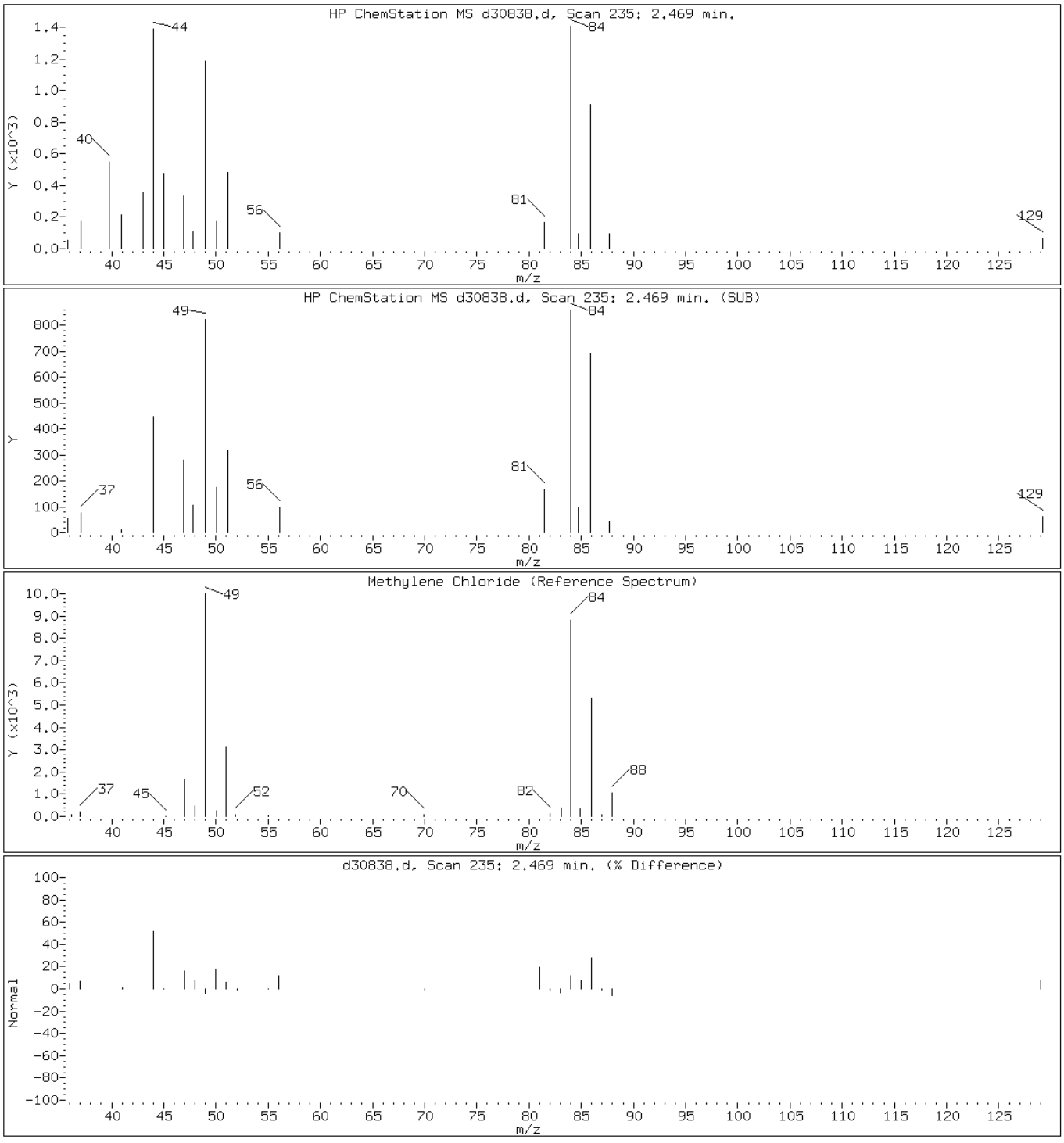
Data File: d30838.d

Date: 23-MAR-2013 09:42

Client ID: PMP-5-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-17-A;;;4.83;5 Operator: VOAMS 9

6 Methylene Chloride



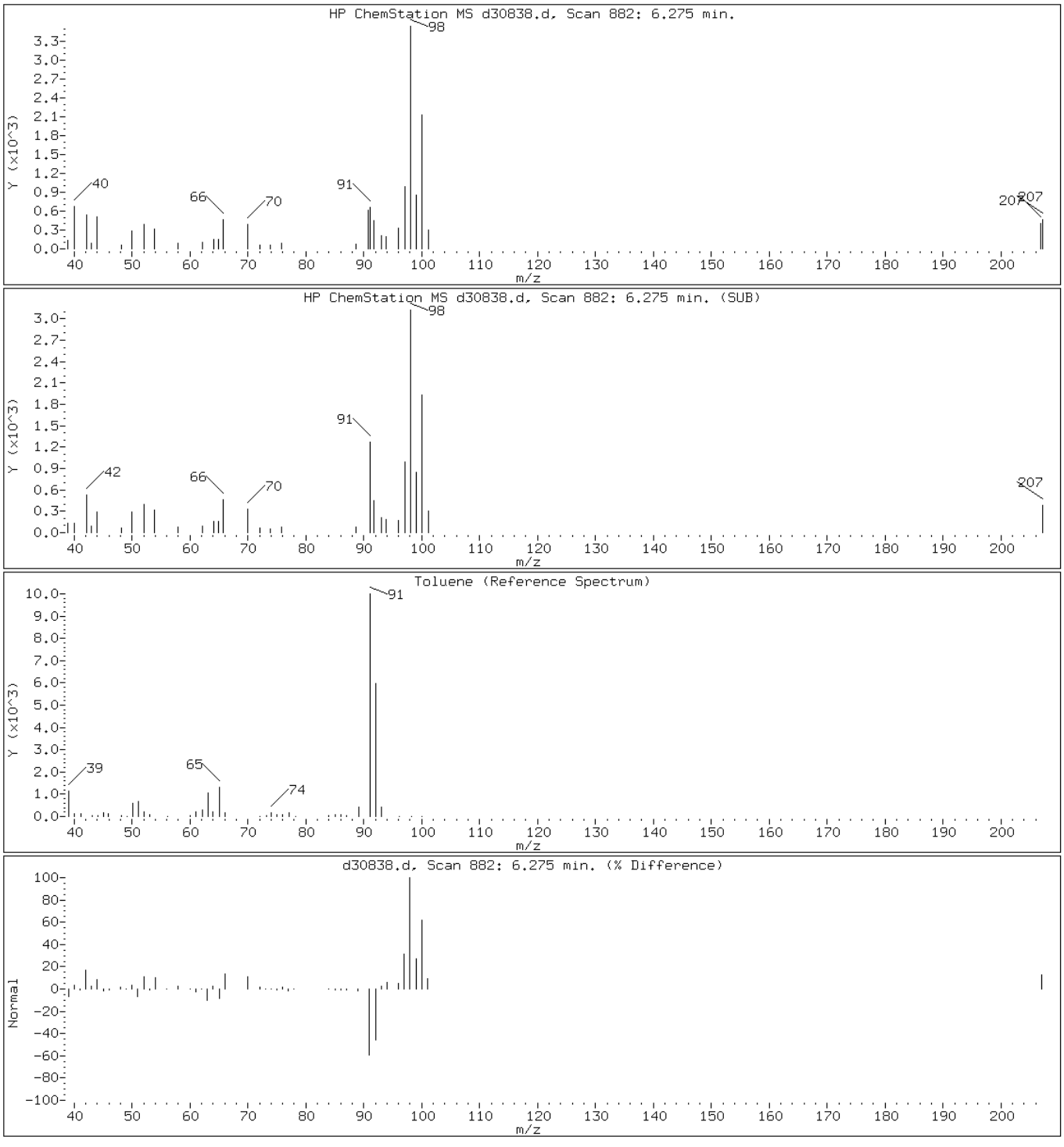
Data File: d30838.d

Date: 23-MAR-2013 09:42

Client ID: PMP-5-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-17-A;;;4.83;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT | Lab Sample ID: 460-52450-18

Matrix: Solid | Lab File ID: b53563.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:25

Sample wt/vol: 5.1(g) | Date Analyzed: 03/20/2013 14:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.1 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	3.3	U	53	3.3
79-34-5	1,1,2,2-Tetrachloroethane	8.4	U	53	8.4
79-00-5	1,1,2-Trichloroethane	10	U	53	10
75-34-3	1,1-Dichloroethane	7.0	U	53	7.0
75-35-4	1,1-Dichloroethene	4.7	U	53	4.7
87-61-6	1,2,3-Trichlorobenzene	1600		53	27
120-82-1	1,2,4-Trichlorobenzene	1500		53	18
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	53	21
106-93-4	1,2-Dibromoethane	15	U	53	15
95-50-1	1,2-Dichlorobenzene	730		53	11
107-06-2	1,2-Dichloroethane	10	U	53	10
78-87-5	1,2-Dichloropropane	4.6	U	53	4.6
541-73-1	1,3-Dichlorobenzene	480		53	7.2
106-46-7	1,4-Dichlorobenzene	2300		53	12
123-91-1	1,4-Dioxane	1900	U	2700	1900
78-93-3	2-Butanone	120	U	270	120
591-78-6	2-Hexanone	27	U	270	27
108-10-1	4-Methyl-2-pentanone	53	U	270	53
67-64-1	Acetone	140	U	270	140
71-43-2	Benzene	4.4	U	53	4.4
74-97-5	Bromochloromethane	15	U	53	15
75-27-4	Bromodichloromethane	6.7	U	53	6.7
75-25-2	Bromoform	10	U	53	10
74-83-9	Bromomethane	9.7	U	53	9.7
75-15-0	Carbon disulfide	6.7	U	53	6.7
56-23-5	Carbon tetrachloride	3.0	U	53	3.0
108-90-7	Chlorobenzene	35	J	53	5.9
75-00-3	Chloroethane	9.0	U	53	9.0
67-66-3	Chloroform	8.0	J	53	4.2
74-87-3	Chloromethane	5.2	U	53	5.2
156-59-2	cis-1,2-Dichloroethene	9.4	U	53	9.4
10061-01-5	cis-1,3-Dichloropropene	9.8	U	53	9.8
110-82-7	Cyclohexane	8.5	U	53	8.5
124-48-1	Dibromochloromethane	11	U	53	11
75-71-8	Dichlorodifluoromethane	11	U	53	11
100-41-4	Ethylbenzene	63		53	5.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT | Lab Sample ID: 460-52450-18

Matrix: Solid | Lab File ID: b53563.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:25

Sample wt/vol: 5.1(g) | Date Analyzed: 03/20/2013 14:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.1 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	4.4	U	53	4.4
98-82-8	Isopropylbenzene	73		53	4.1
79-20-9	Methyl acetate	18	U	110	18
108-87-2	Methylcyclohexane	63		53	7.2
75-09-2	Methylene Chloride	9.7	U	53	9.7
1634-04-4	MTBE	7.3	U	53	7.3
100-42-5	Styrene	6.3	U	53	6.3
127-18-4	Tetrachloroethene	8.2	J	53	5.2
108-88-3	Toluene	31	J	53	8.0
156-60-5	trans-1,2-Dichloroethene	6.9	U	53	6.9
10061-02-6	trans-1,3-Dichloropropene	13	U	53	13
79-01-6	Trichloroethene	4.9	U	53	4.9
75-69-4	Trichlorofluoromethane	7.8	U	53	7.8
75-01-4	Vinyl chloride	7.7	U	53	7.7
1330-20-7	Xylenes, Total	910		160	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		75-135
2037-26-5	Toluene-d8 (Surr)	74		59-150
460-00-4	Bromofluorobenzene	89		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT | Lab Sample ID: 460-52450-18

Matrix: Solid | Lab File ID: b53563.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:25

Sample wt/vol: 5.1(g) | Date Analyzed: 03/20/2013 14:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.1 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 157000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Coeluting Aromatics	11.47	14000	J
	Decahydromethylnaphthalene isomer	11.56	11000	J
	C10H14 Aromatic/Unknown	11.73	17000	J
	Unknown Alkane	11.94	17000	J
	C10H14 Aromatic/Unknown-1	12.05	32000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.34	12000	J
	Unknown Alkane-2	12.72	15000	J
	Tetrahydromethylnaphthalene isomer	13.08	11000	J
	Tetrahydrodimethylnaphthalene isomer	13.24	14000	J
91-57-6	Naphthalene, 2-methyl-	13.66	14000	J N

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53563.d
Report Date: 24-Mar-2013 15:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53563.d
Lab Smp Id: 460-52450-B-18-A Client Smp ID: PMP-5-NE-WT
Inj Date : 20-MAR-2013 14:04
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-18-A;50;;5.10;5
Misc Info : 460-52450-B-18-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/8260_09.m
Meth Date : 20-Mar-2013 04:31 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 25
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	5.00000	Volume of final extract (mL)
Ws	5.10000	Weight of sample extracted (g)
M	8.06175	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	29 Hexane	43	3.143	3.134	(0.601)	1110	0.32835	18(a)
	42 Chloroform	83	4.328	4.328	(0.827)	1011	0.14934	8.0(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	147624	40.0379	2100
	51 n-Heptane	57	5.101	5.093	(0.975)	3239	1.12812	60(a)
*	52 Fluorobenzene	96	5.233	5.225	(1.000)	621990	50.0000	
	56 Methyl cyclohexane	83	5.784	5.784	(1.105)	5322	1.18753	63
$	65 Toluene-d8 (SUR)	98	7.225	7.225	(0.823)	343303	36.8846	2000
	66 Toluene	91	7.307	7.299	(0.832)	9731	0.58142	31(a)
	71 Tetrachloroethene	166	7.883	7.875	(0.898)	564	0.15413	8.2(a)
*	78 Chlorobenzene-d5	117	8.780	8.780	(1.000)	458827	50.0000	
	79 Chlorobenzene	112	8.813	8.805	(1.004)	6875	0.65039	35(a)
	81 Ethylbenzene	106	8.895	8.895	(1.013)	6213	1.18715	63
	82 m+p-Xylene	106	9.010	9.010	(1.026)	24963	3.83589	200
	84 o-Xylene	106	9.381	9.373	(1.068)	83603	13.2633	710

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53563.d
Report Date: 24-Mar-2013 15:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	88 Isopropylbenzene	105	9.702	9.694	(1.105)	21270	1.36442	73
$	89 Bromofluorobenzene (SUR)	174	9.875	9.866	(0.912)	150172	44.6211	2400
	95 n-Propylbenzene	91	10.056	10.047	(0.929)	34074	1.62865	87
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	580117	42.3435	2200
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	10192	0.91251	49(a)
	101 1,2,4-Trimethylbenzene	105	10.516	10.517	(0.971)	262121	18.8530	1000
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	117841	5.98764	320
	107 p-Isopropyltoluene	119	10.763	10.763	(0.994)	213956	12.8353	680
	105 1,3-Dichlorobenzene	146	10.772	10.763	(0.995)	71563	9.00951	480
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	229915	50.0000	
	109 1,4-Dichlorobenzene	146	10.846	10.846	(1.002)	352102	43.5059	2300
	171 Indan	117	11.027	11.027	(2.107)	373184	30.2287	1600
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	105642	13.7193	730
	114 1,2,4-Trichlorobenzene	180	12.385	12.385	(1.144)	132881	27.7011	1500
	116 Naphthalene	128	12.599	12.599	(1.163)	44425	2.94604	160
	117 1,2,3-Trichlorobenzene	180	12.813	12.804	(1.183)	138403	30.5175	1600
M	121 Xylene (Total)	100				108566	17.0992	910

QC Flag Legend

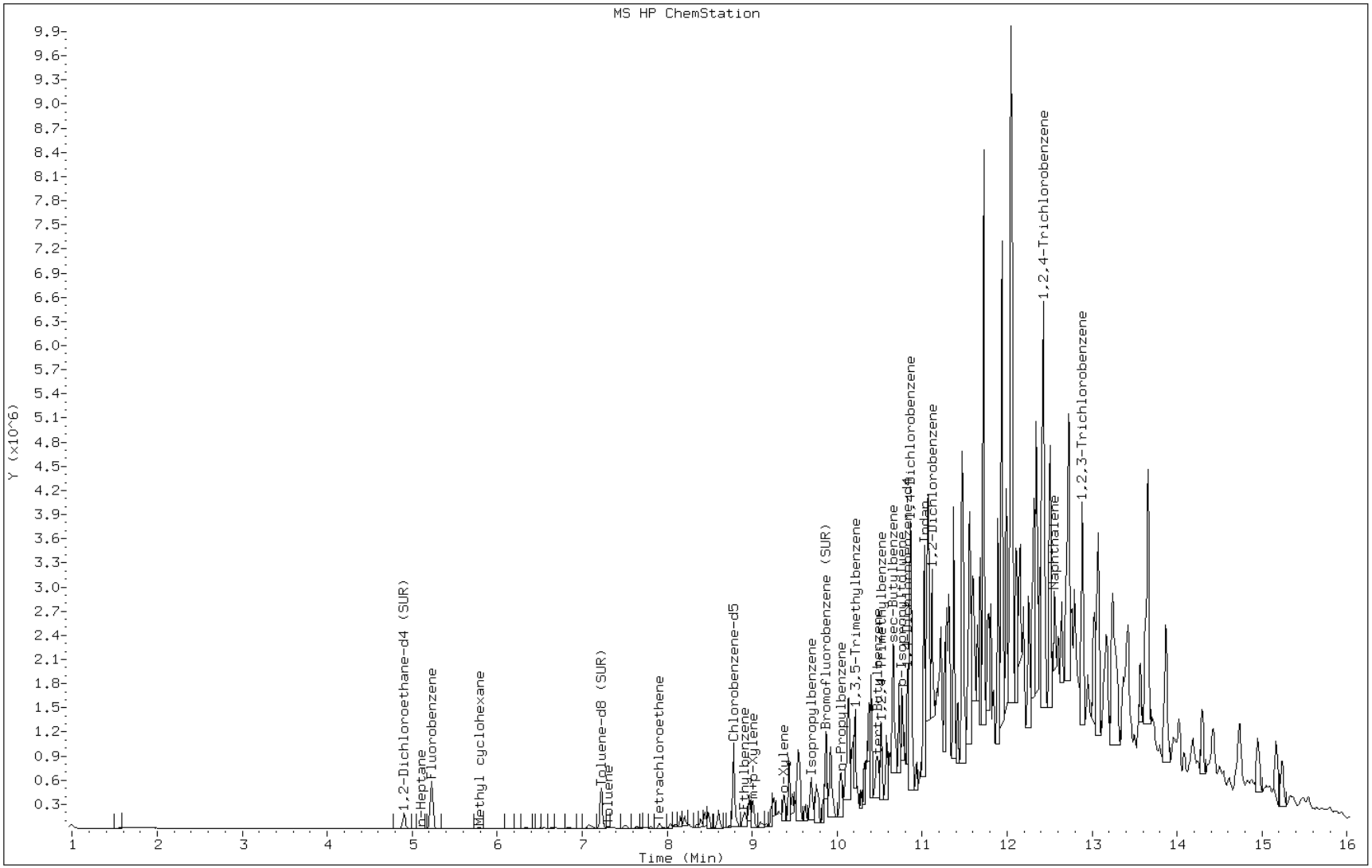
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:



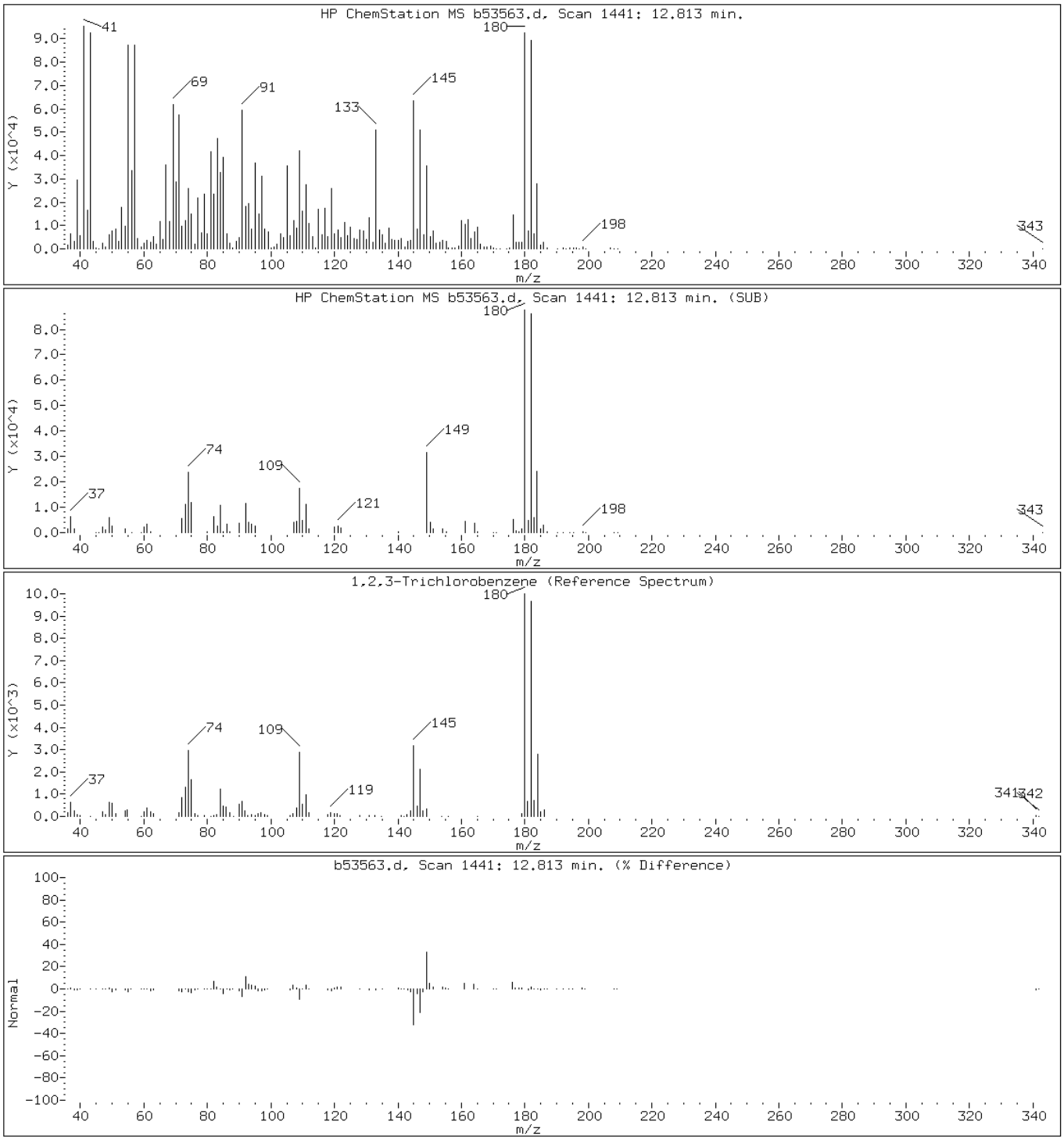
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

117 1,2,3-Trichlorobenzene



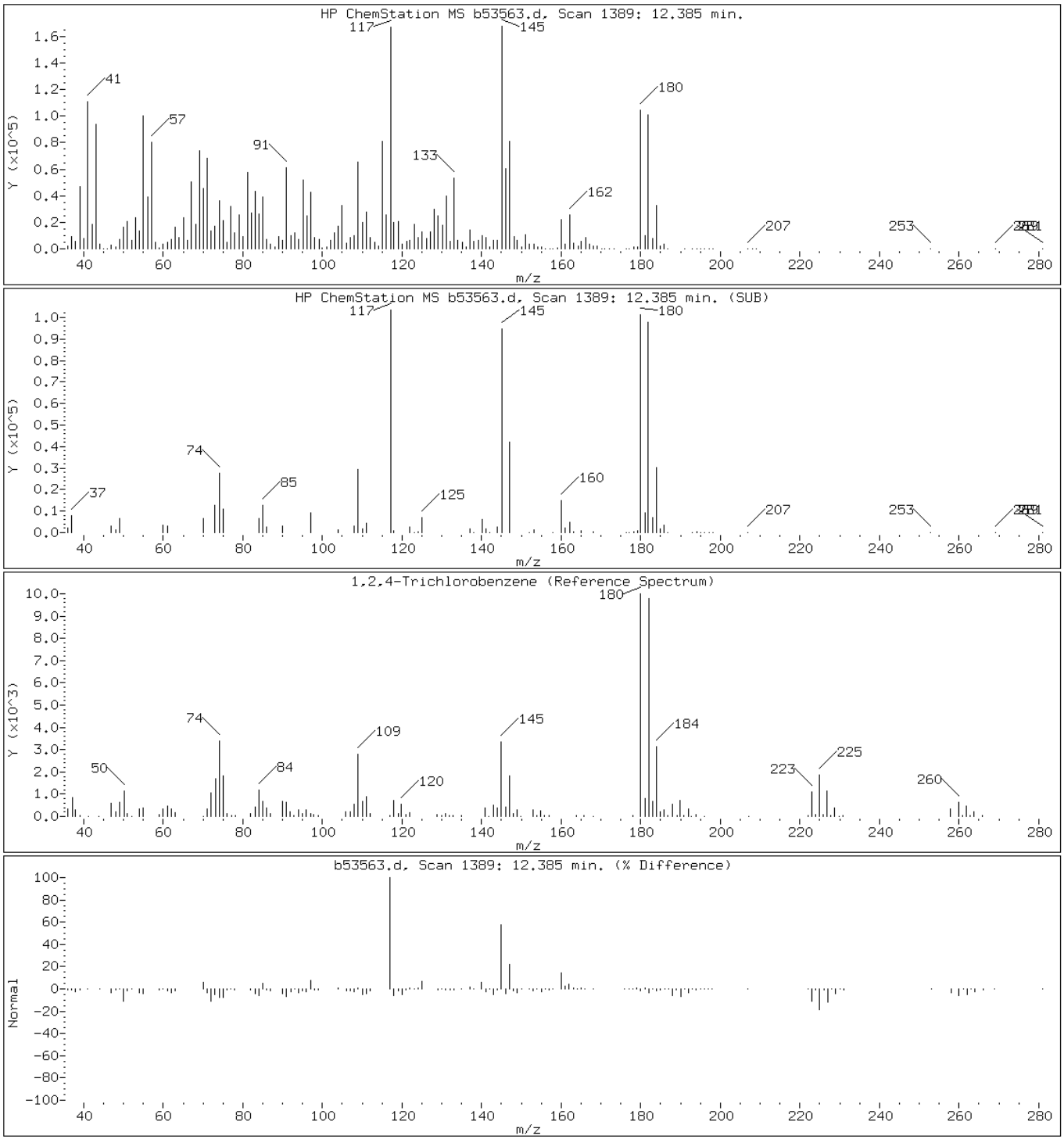
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

114 1,2,4-Trichlorobenzene



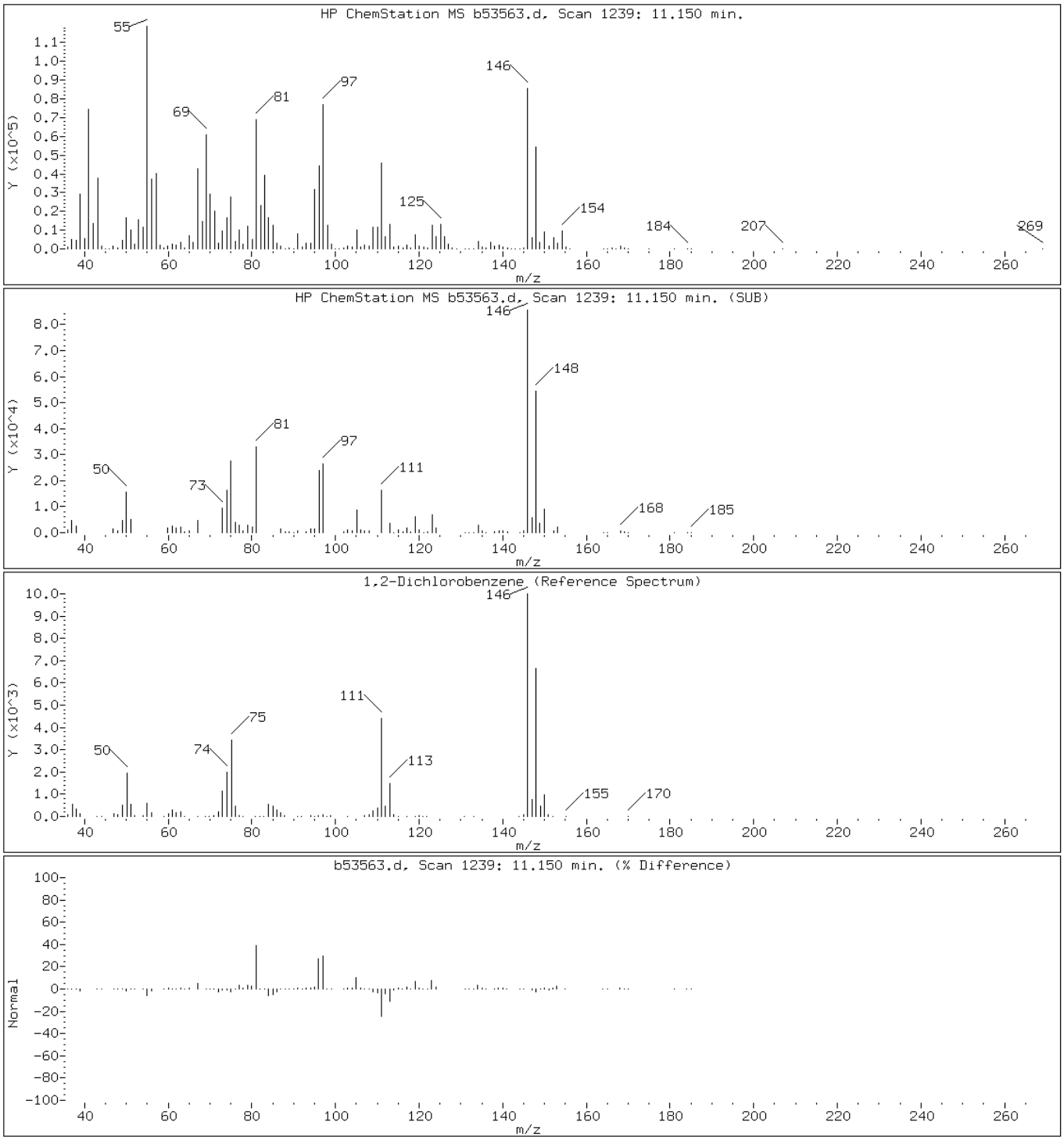
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

111 1,2-Dichlorobenzene



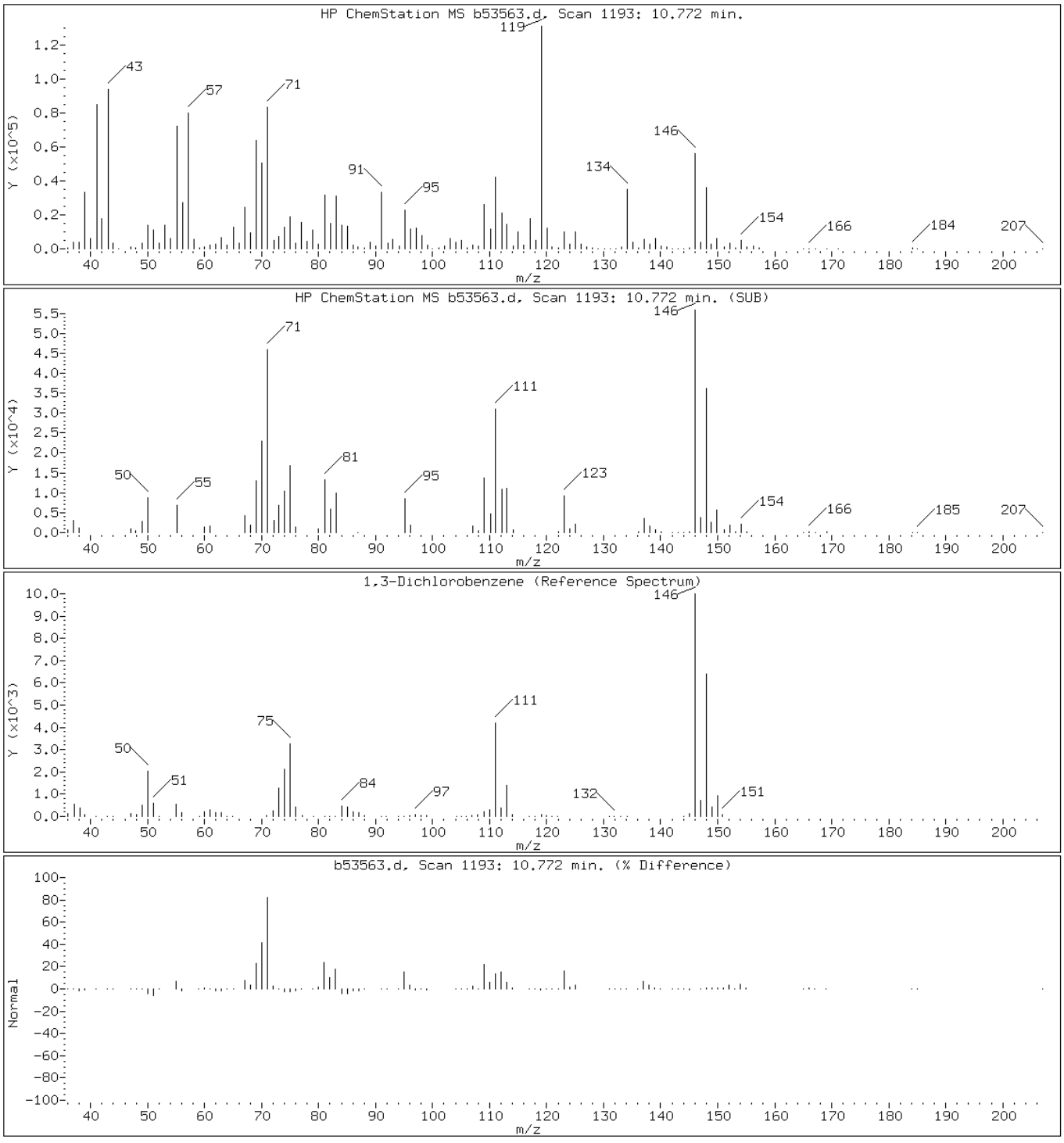
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

105 1,3-Dichlorobenzene



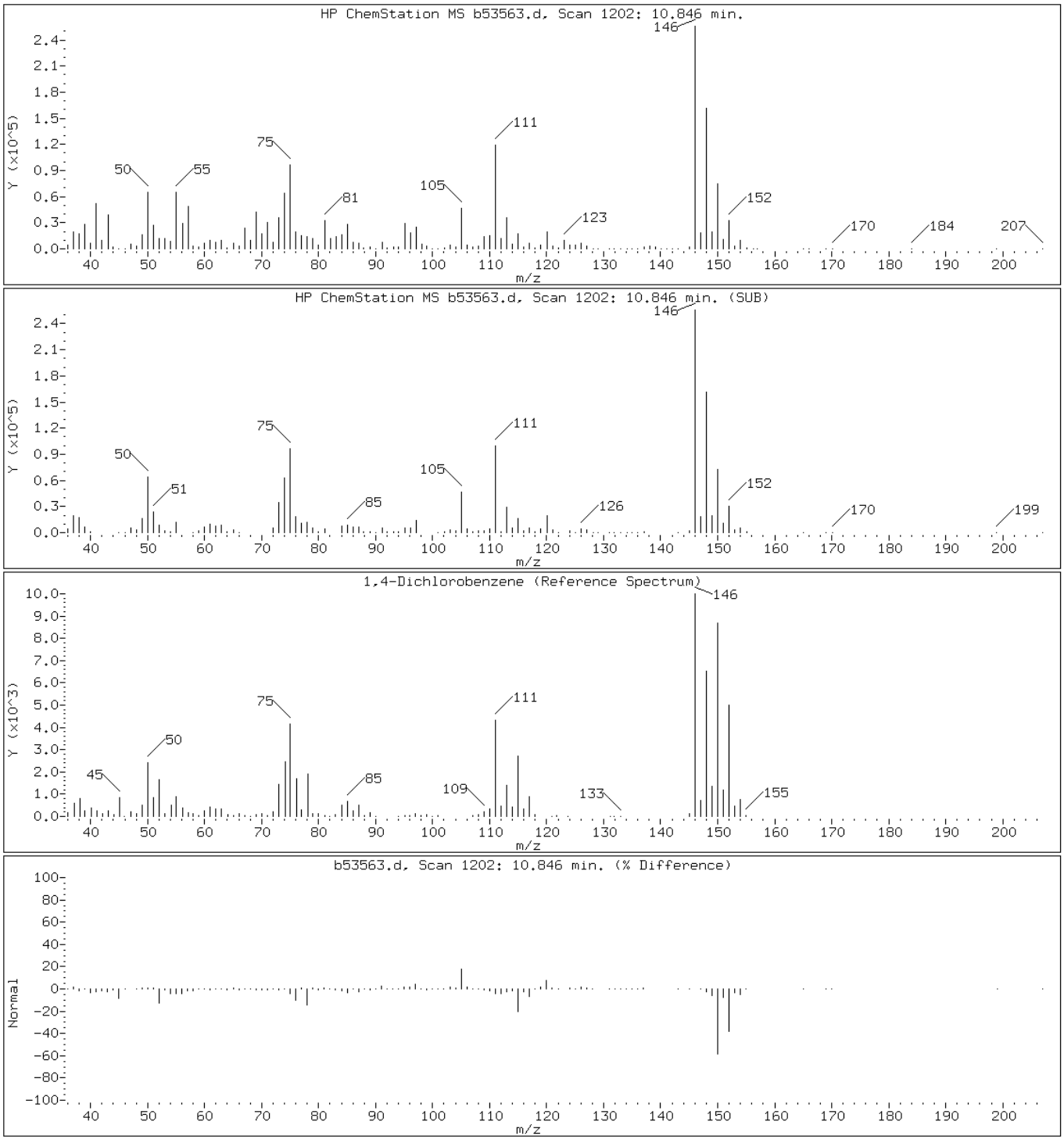
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

109 1,4-Dichlorobenzene



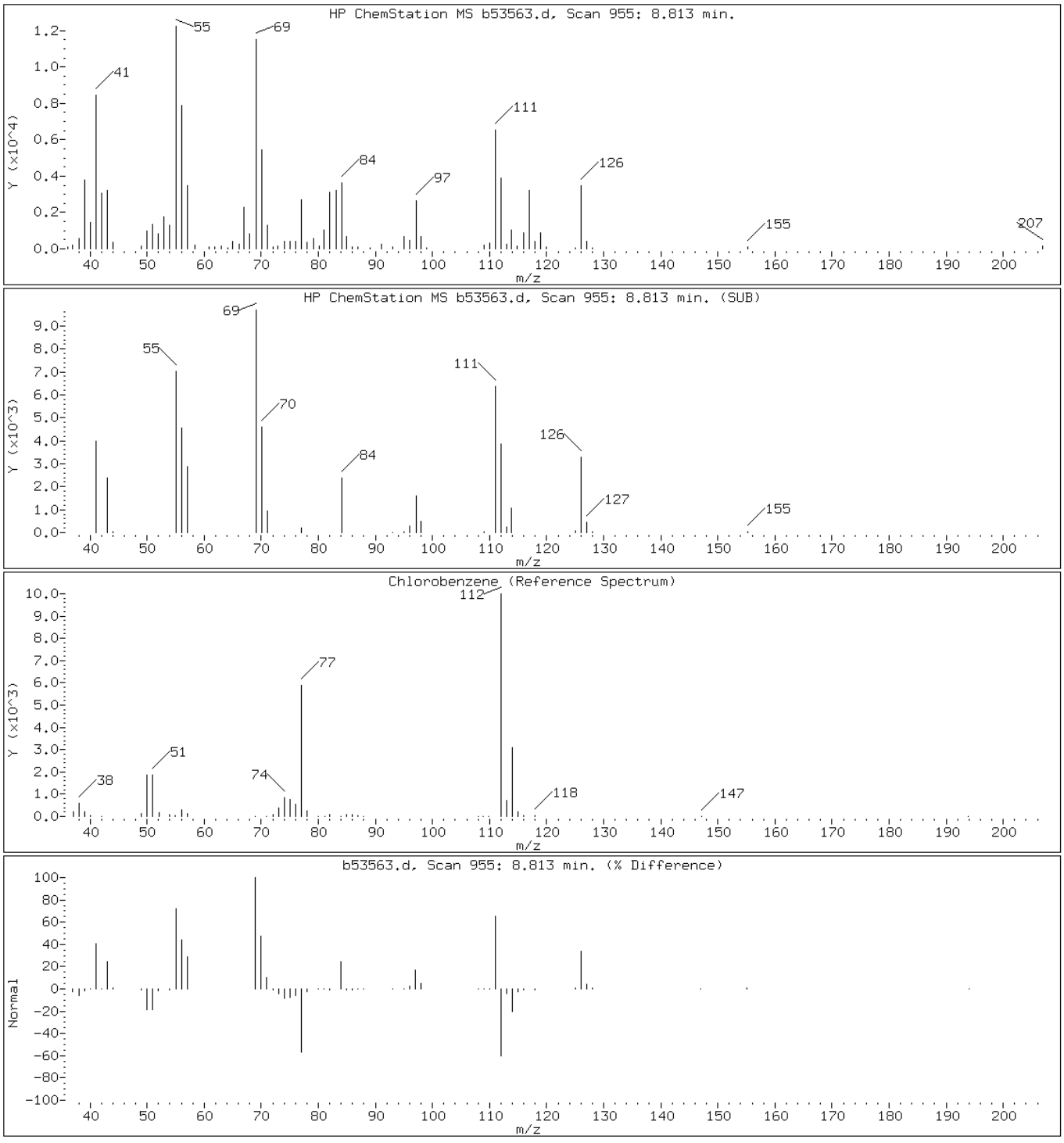
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

79 Chlorobenzene



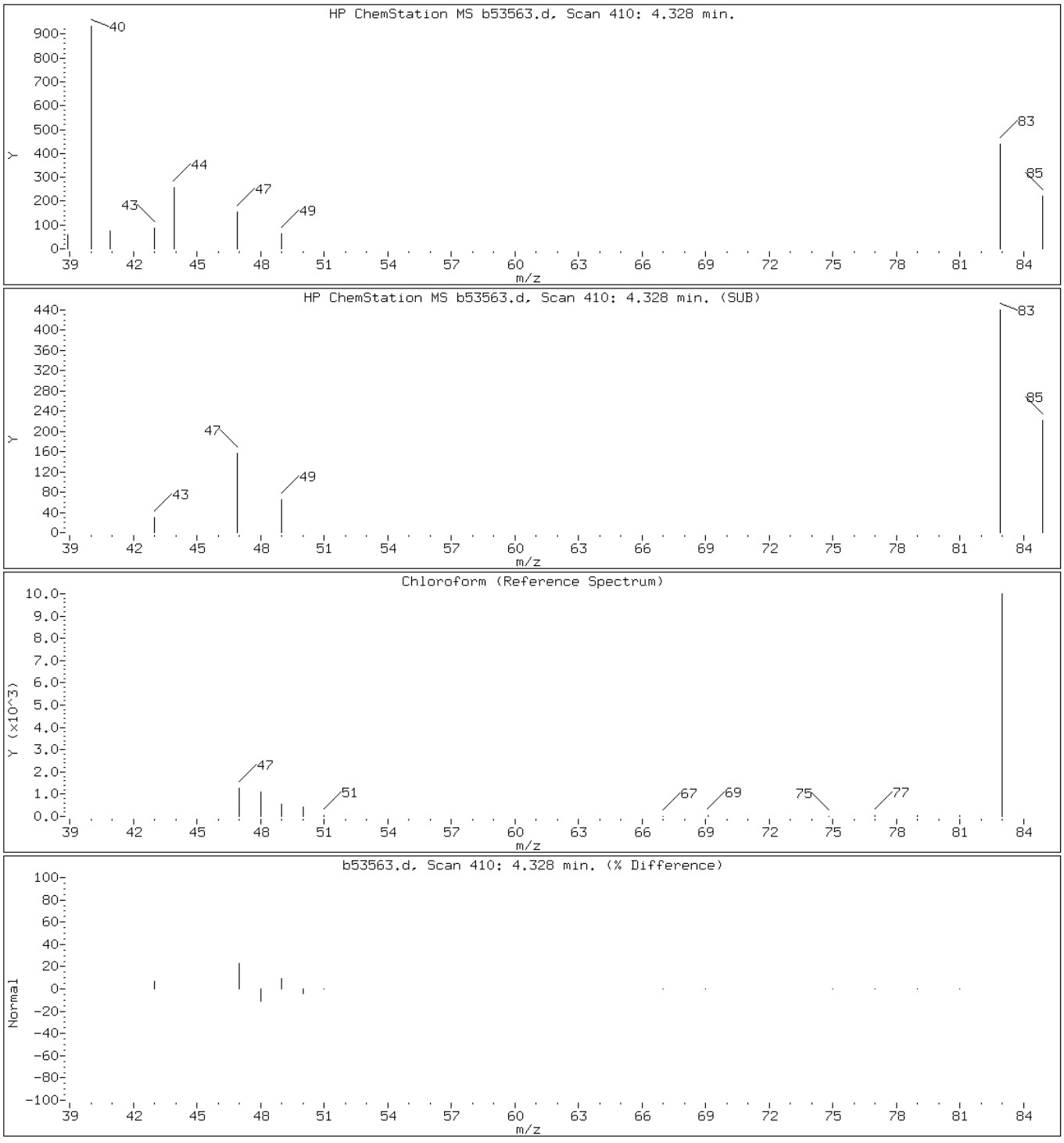
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

42 Chloroform



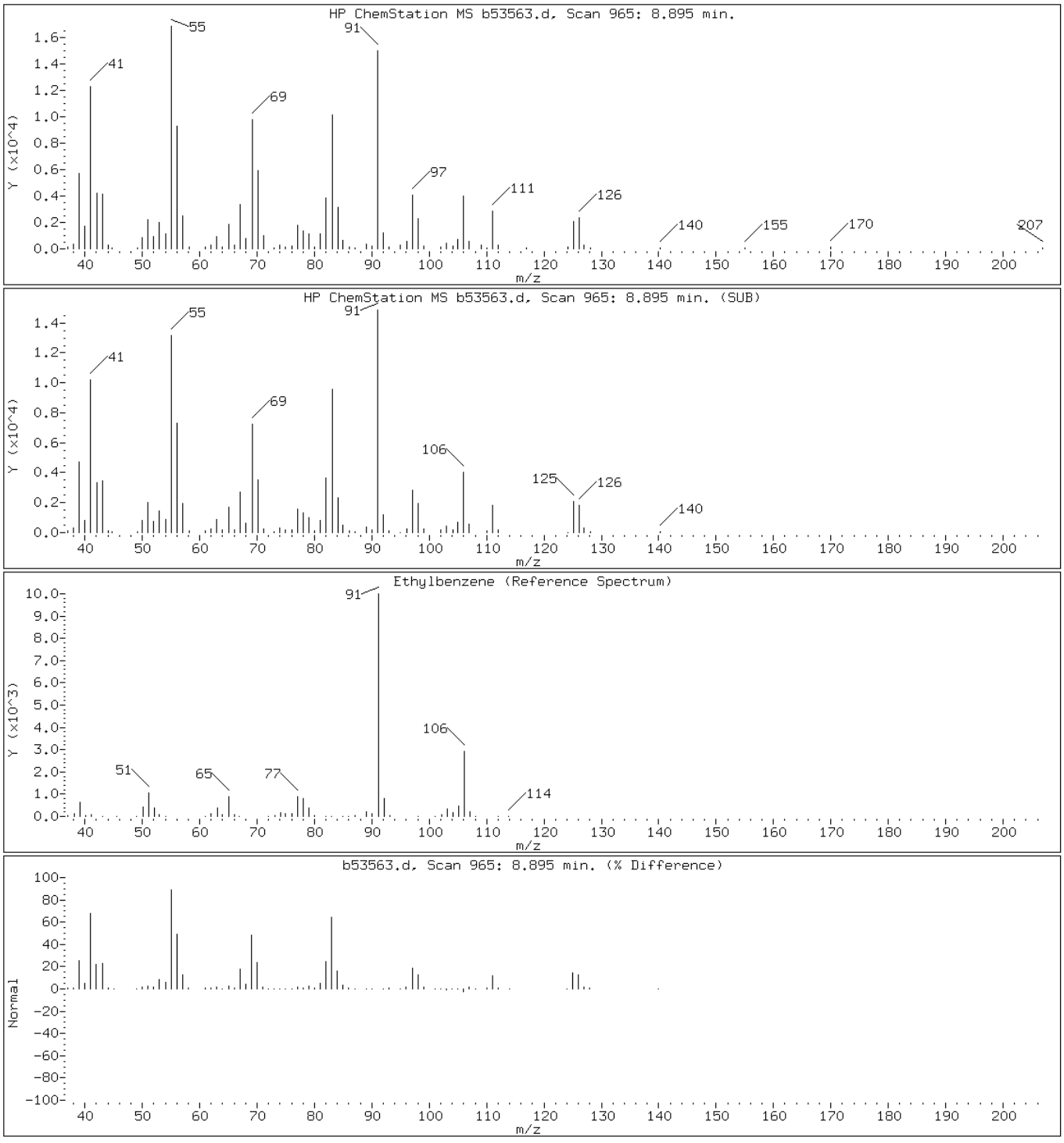
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

81 Ethylbenzene



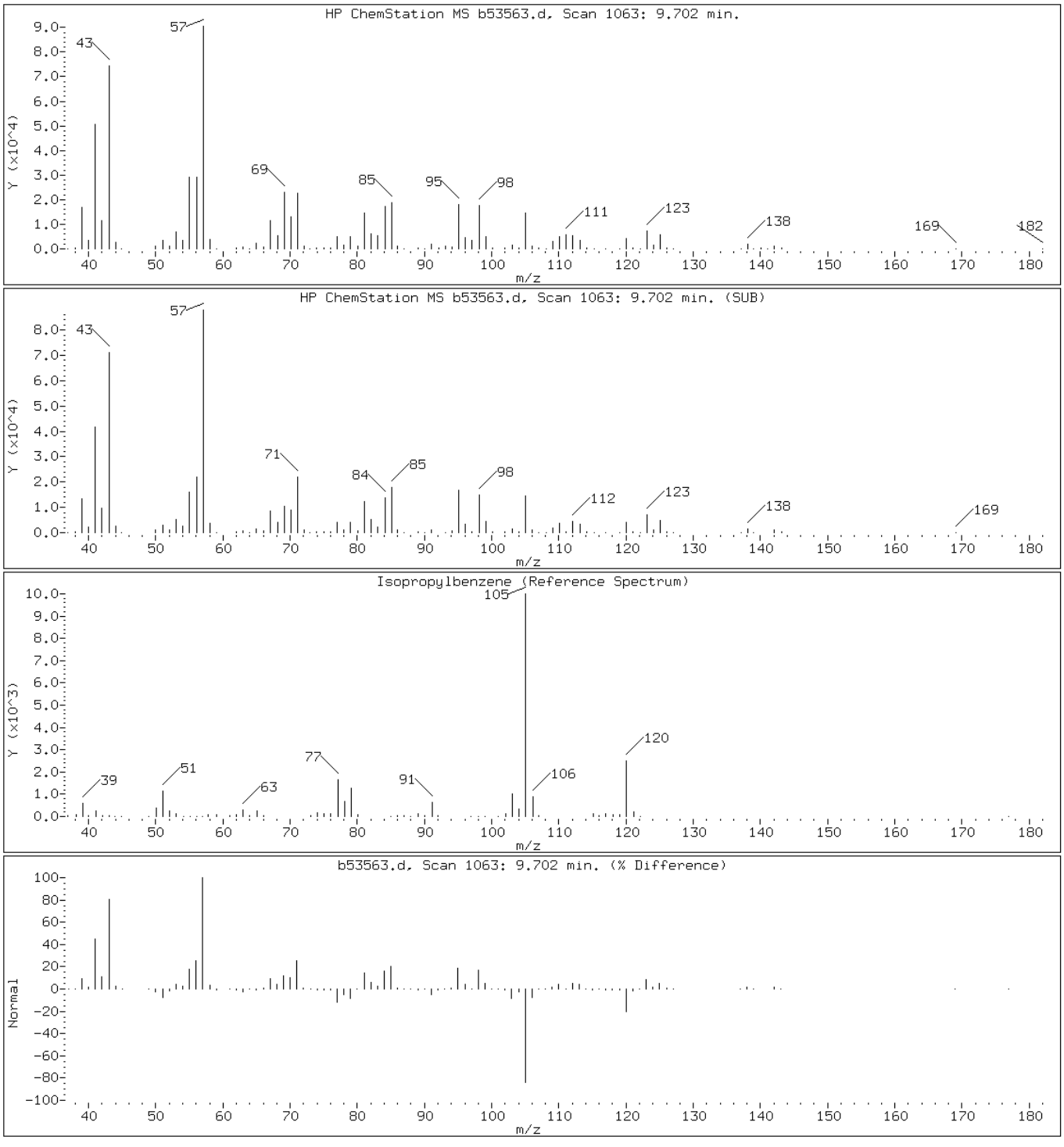
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

88 Isopropylbenzene



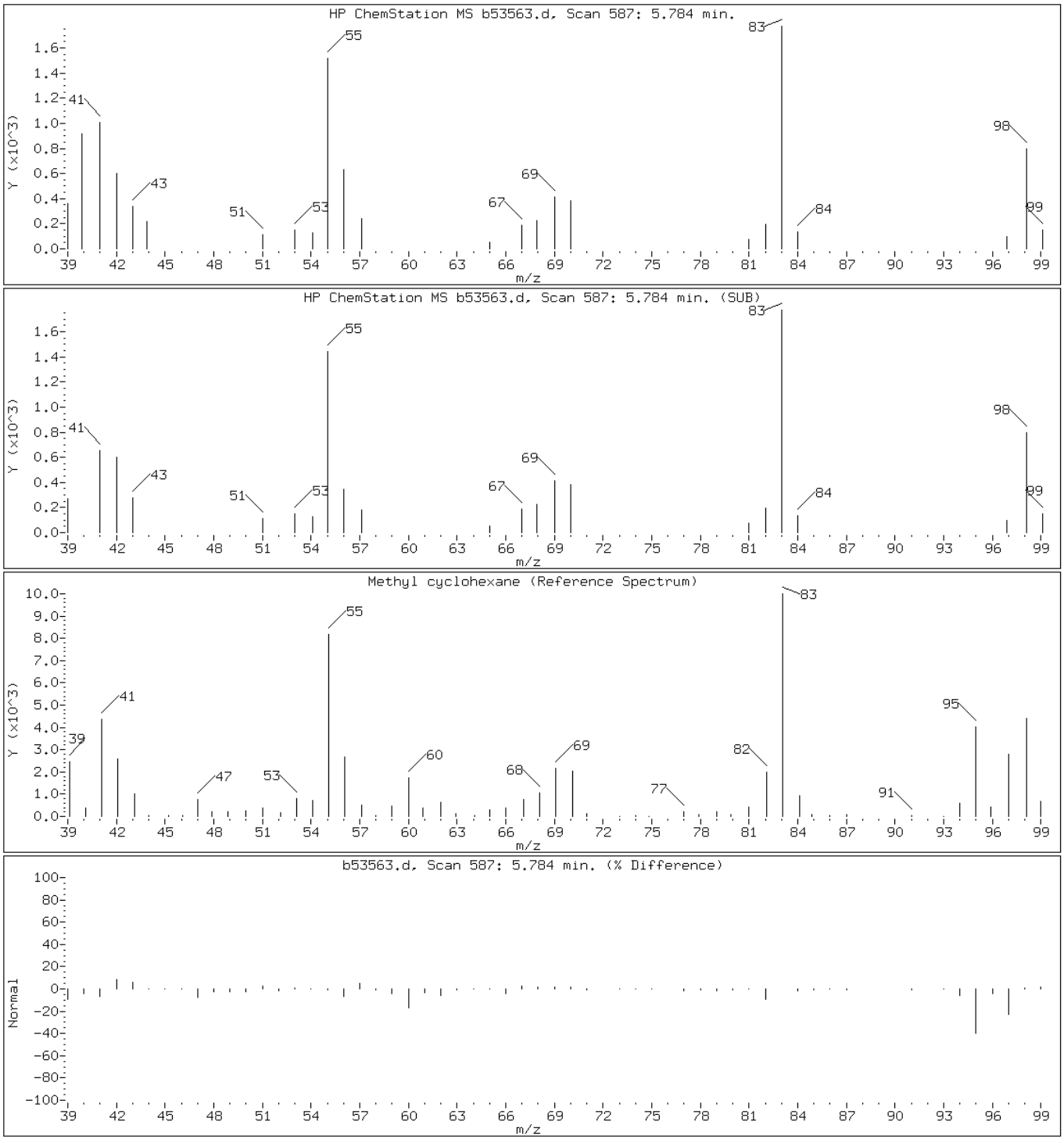
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

56 Methyl cyclohexane



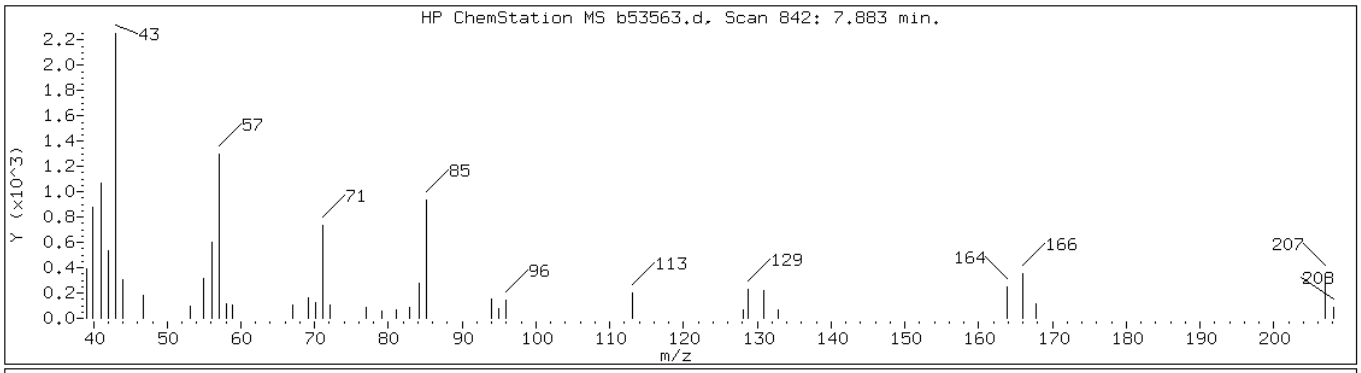
Data File: b53563.d

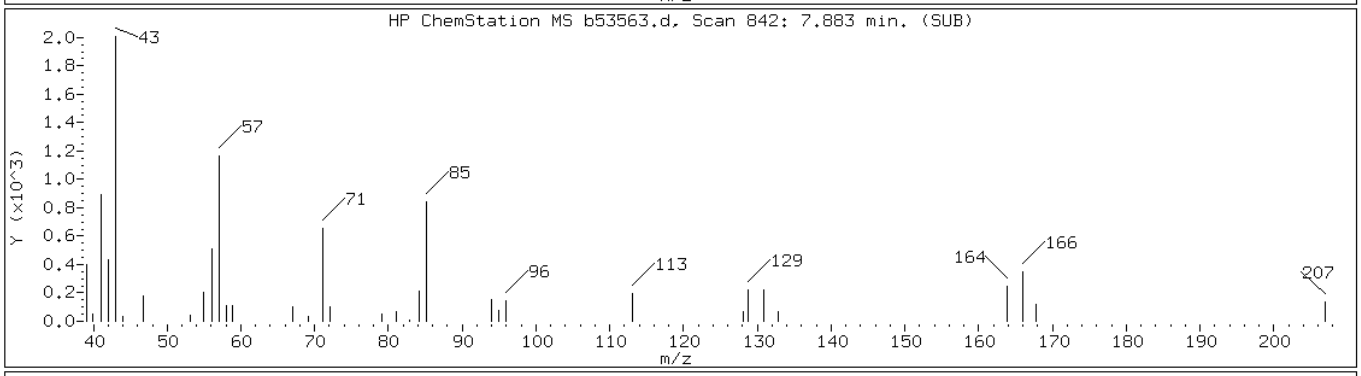
Date: 20-MAR-2013 14:04

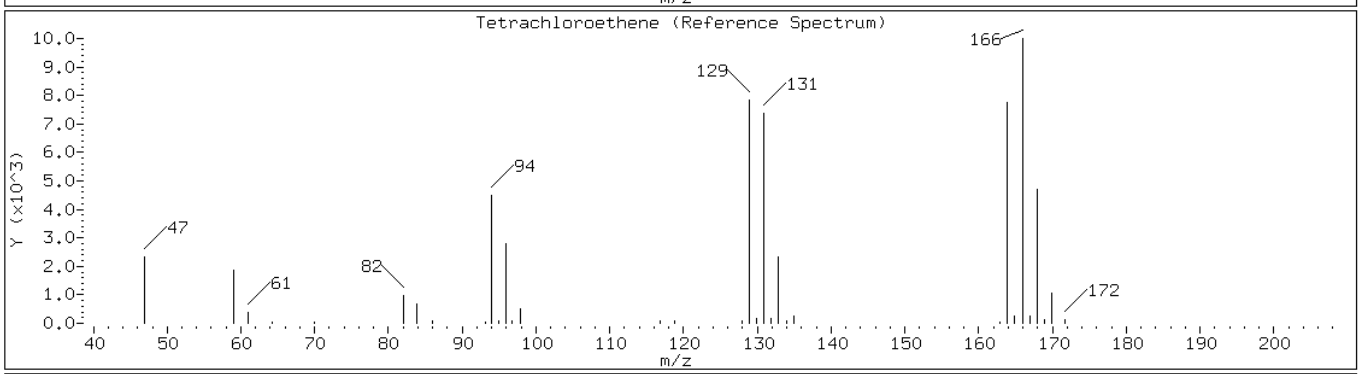
Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

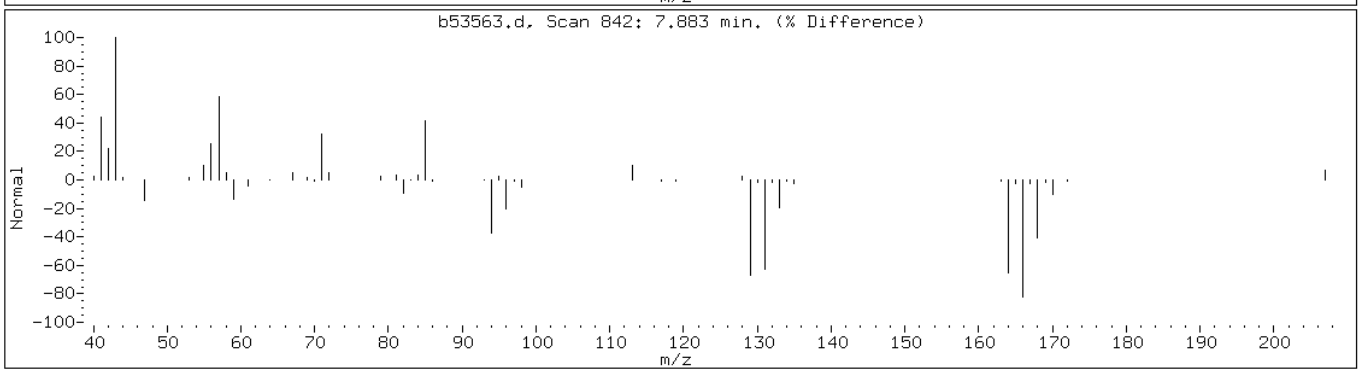
Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

71 Tetrachloroethene









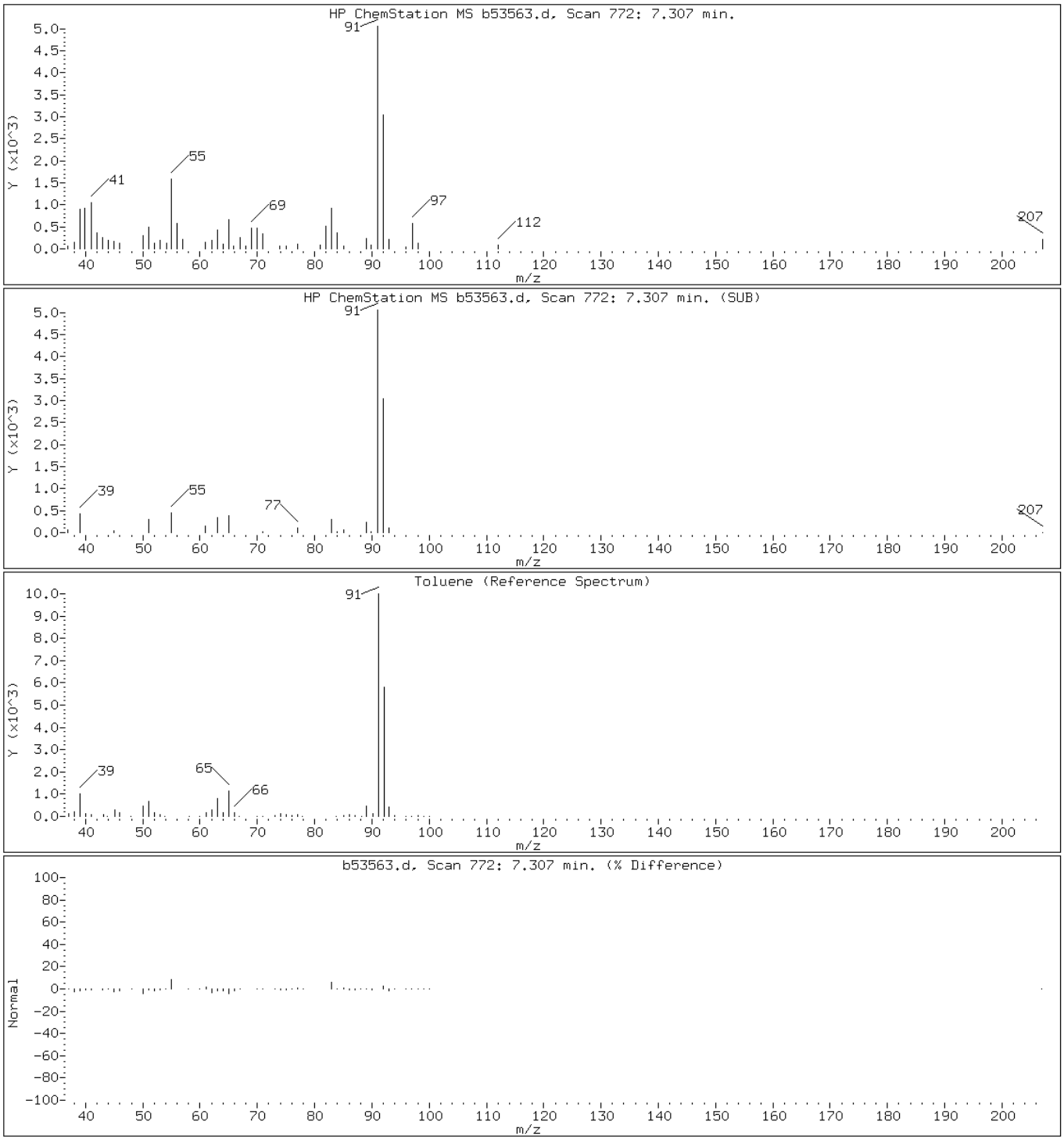
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

66 Toluene



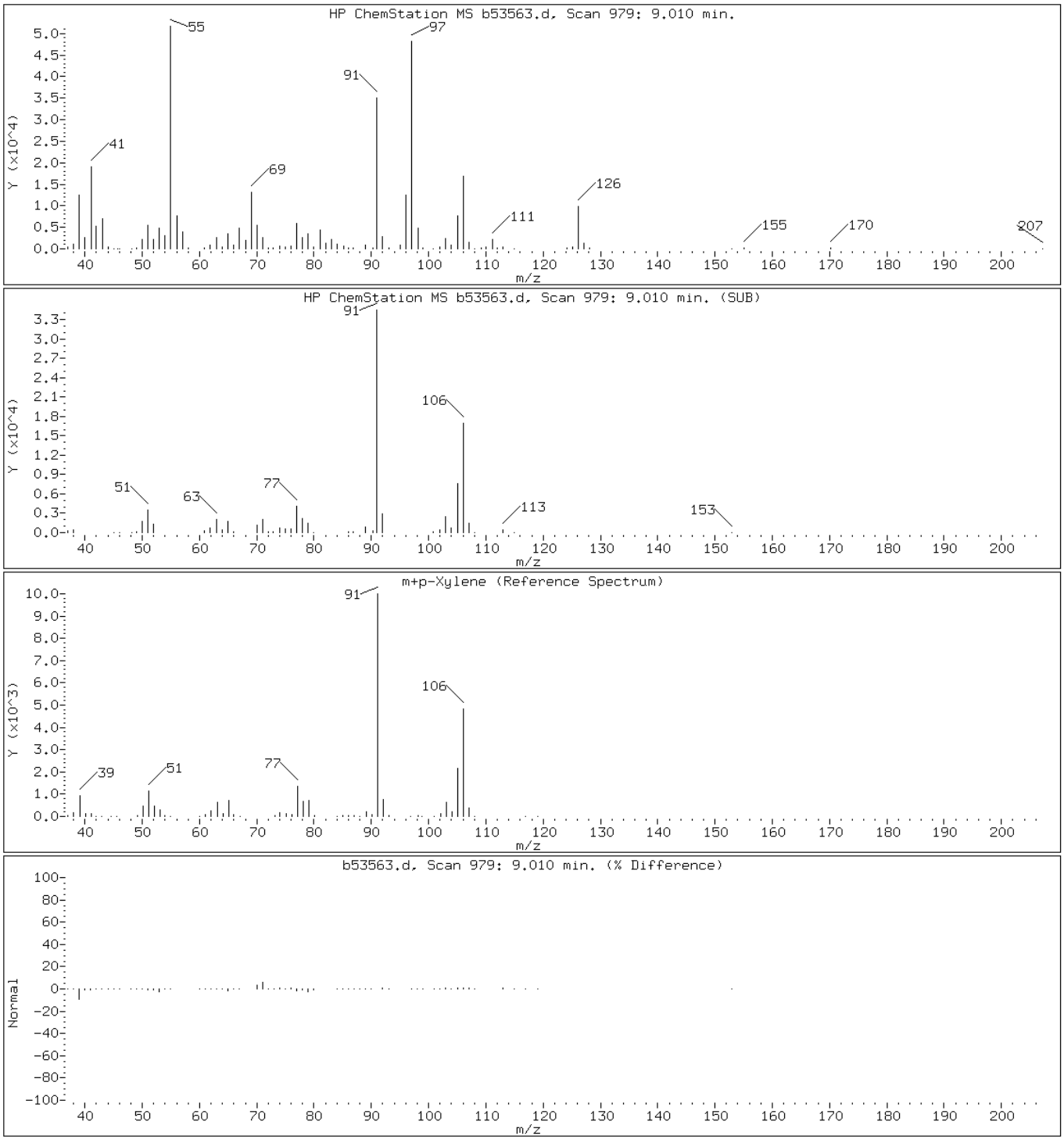
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

82 m+p-Xylene



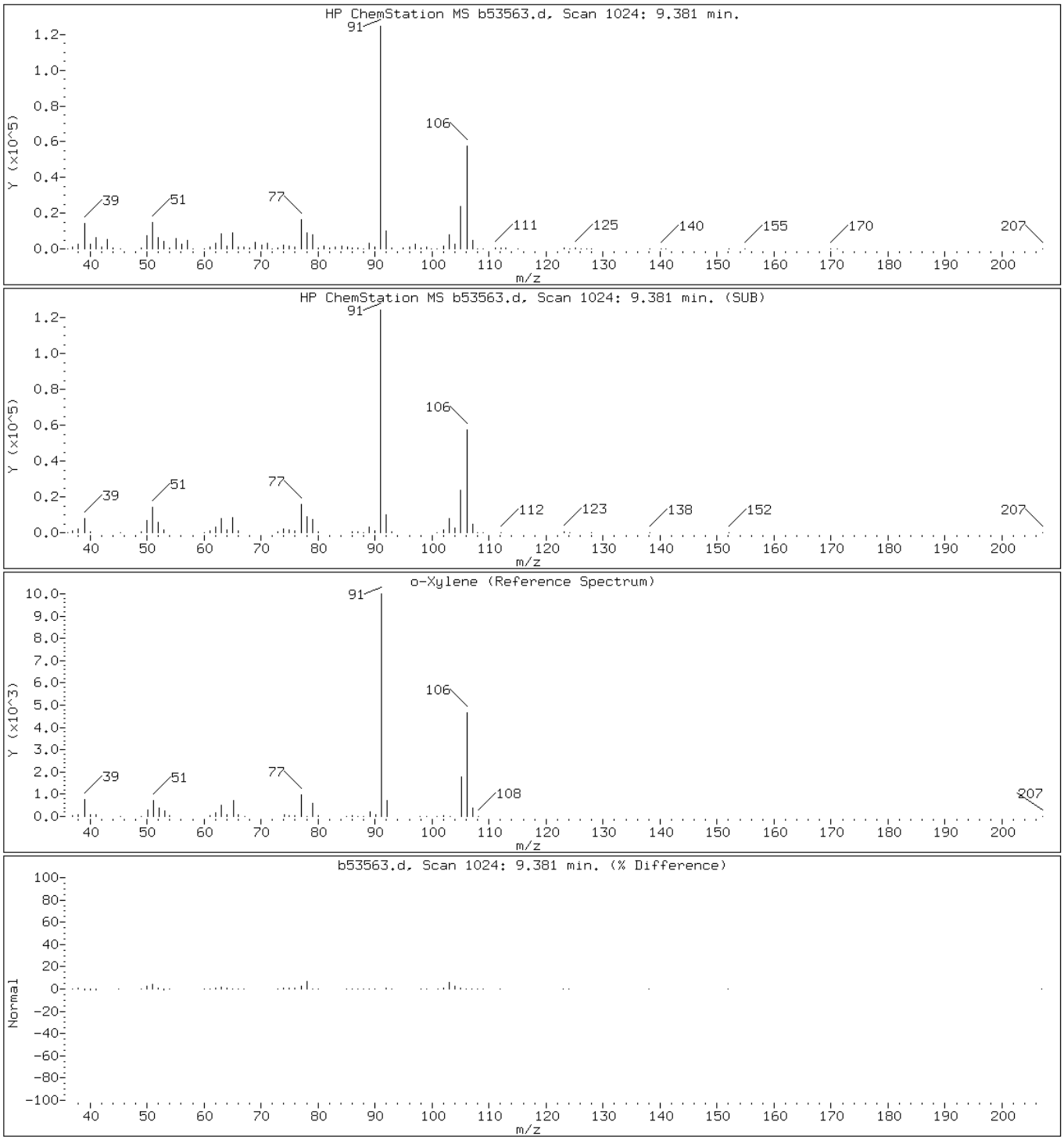
Data File: b53563.d

Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

84 o-Xylene



Data File: b53563.d

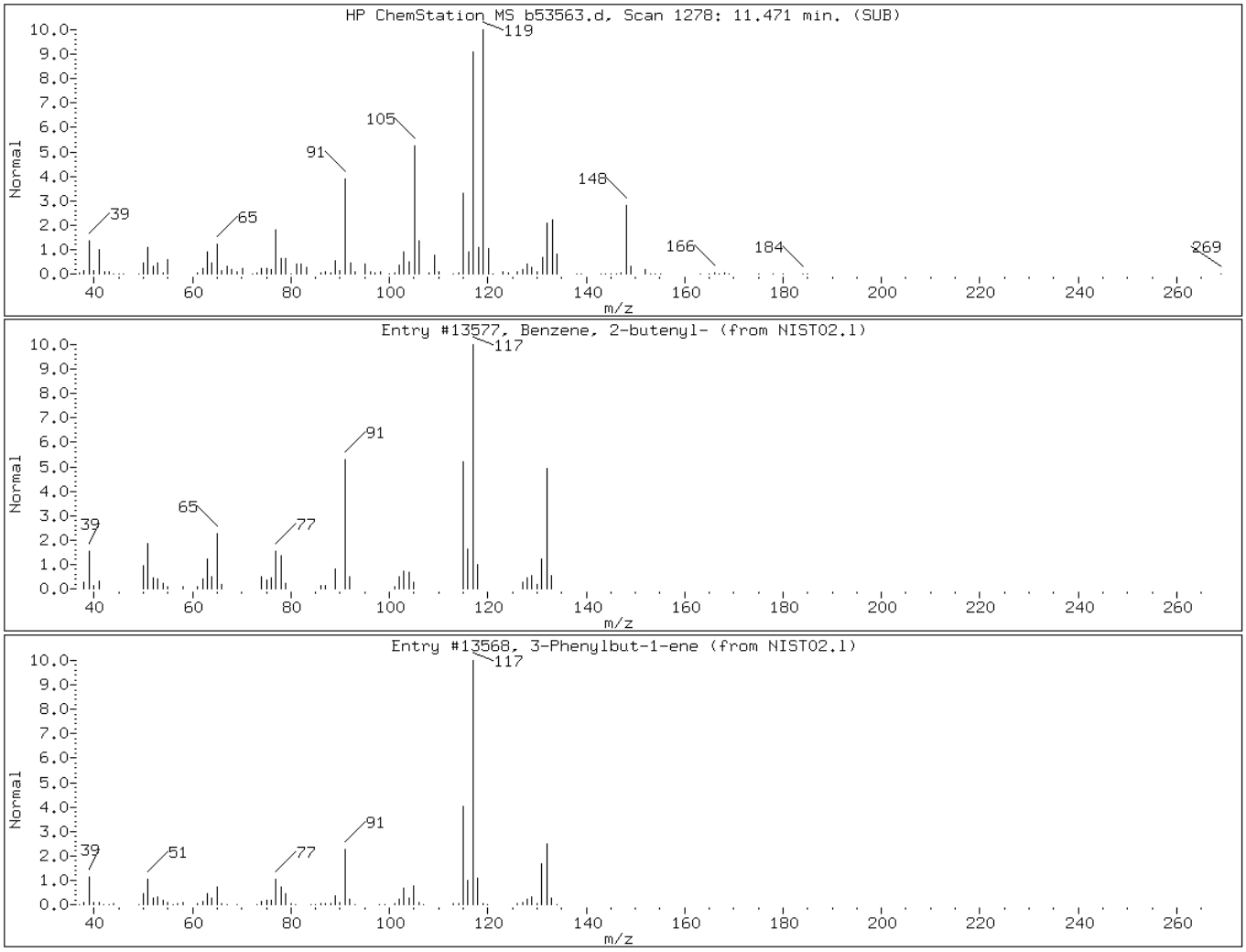
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 11.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13577	70	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	64	C10H12	132



Data File: b53563.d

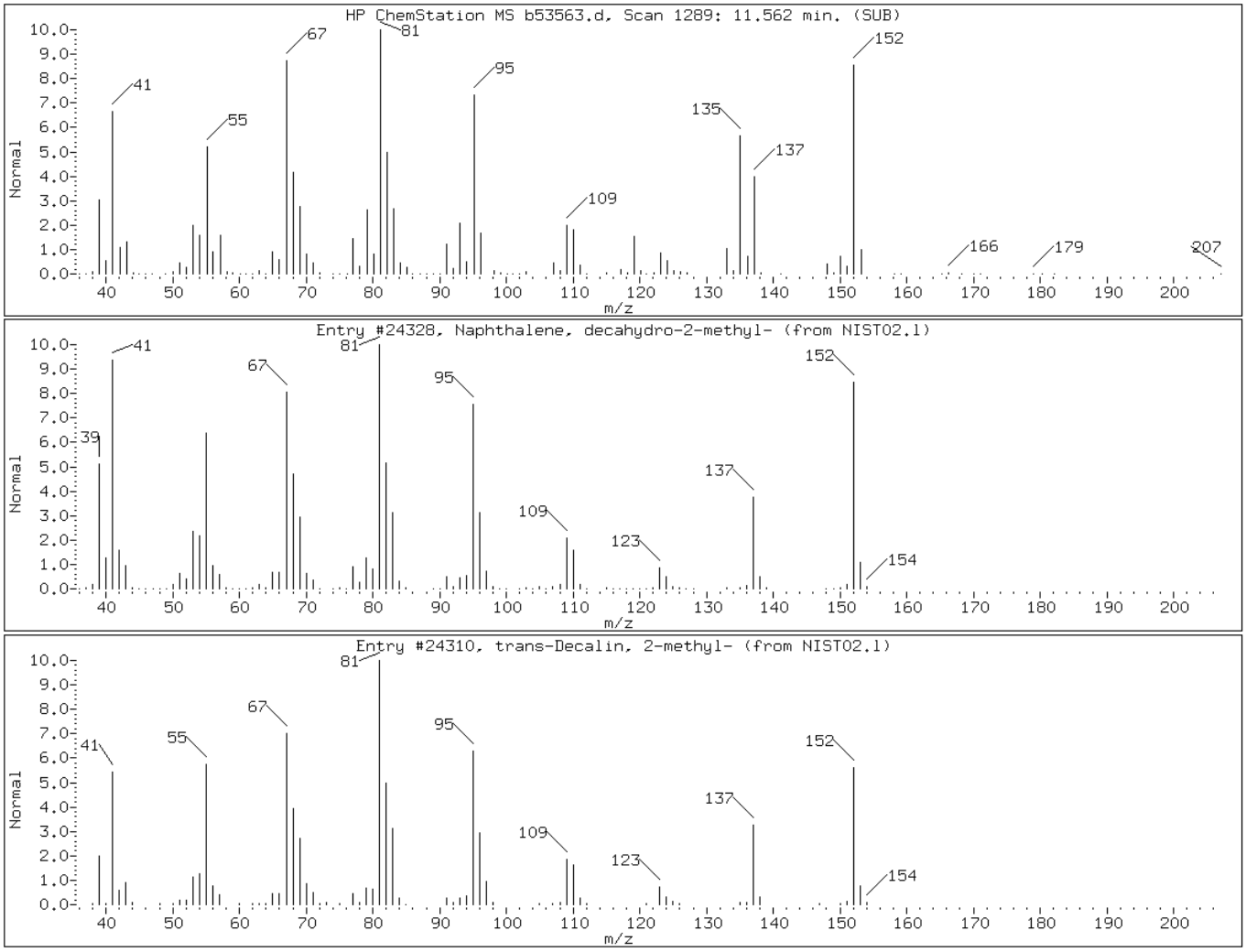
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 11.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	91	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	90	C11H20	152



Data File: b53563.d

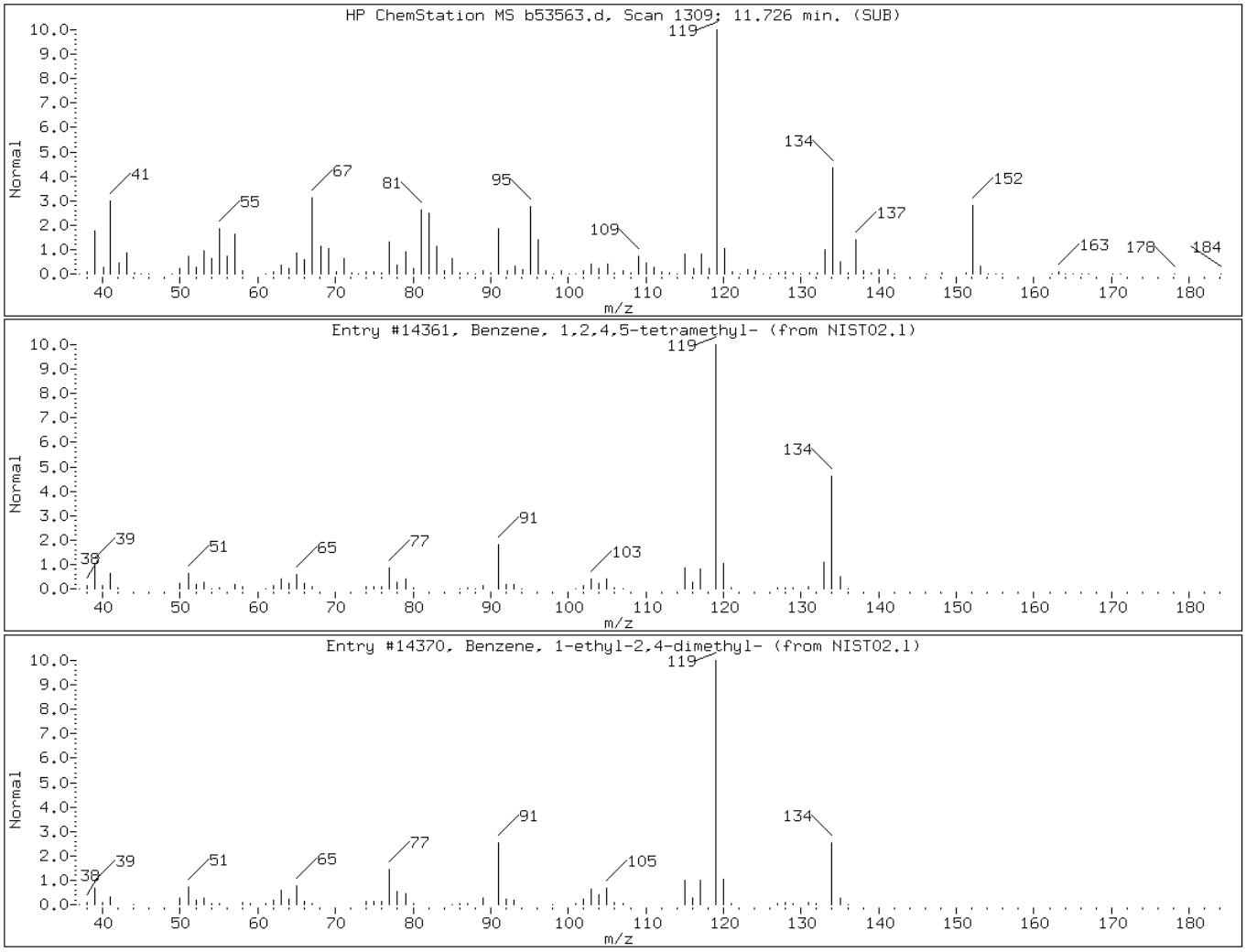
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic/Unknown						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	95	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	91	C10H14	134



Data File: b53563.d

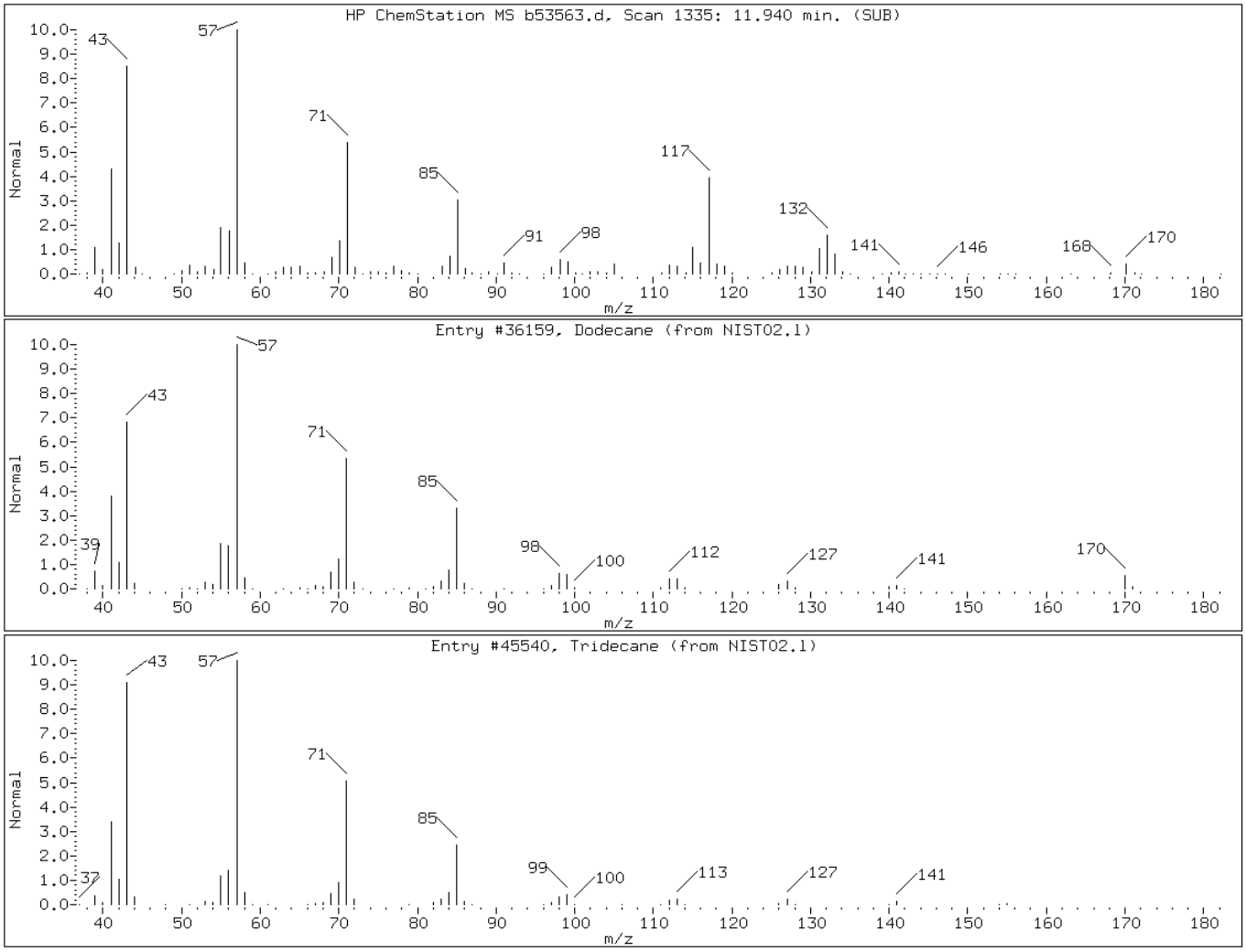
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 11.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane	112-40-3	NIST02.l	36159	90	C12H26	170
Tridecane	629-50-5	NIST02.l	45540	43	C13H28	184



Data File: b53563.d

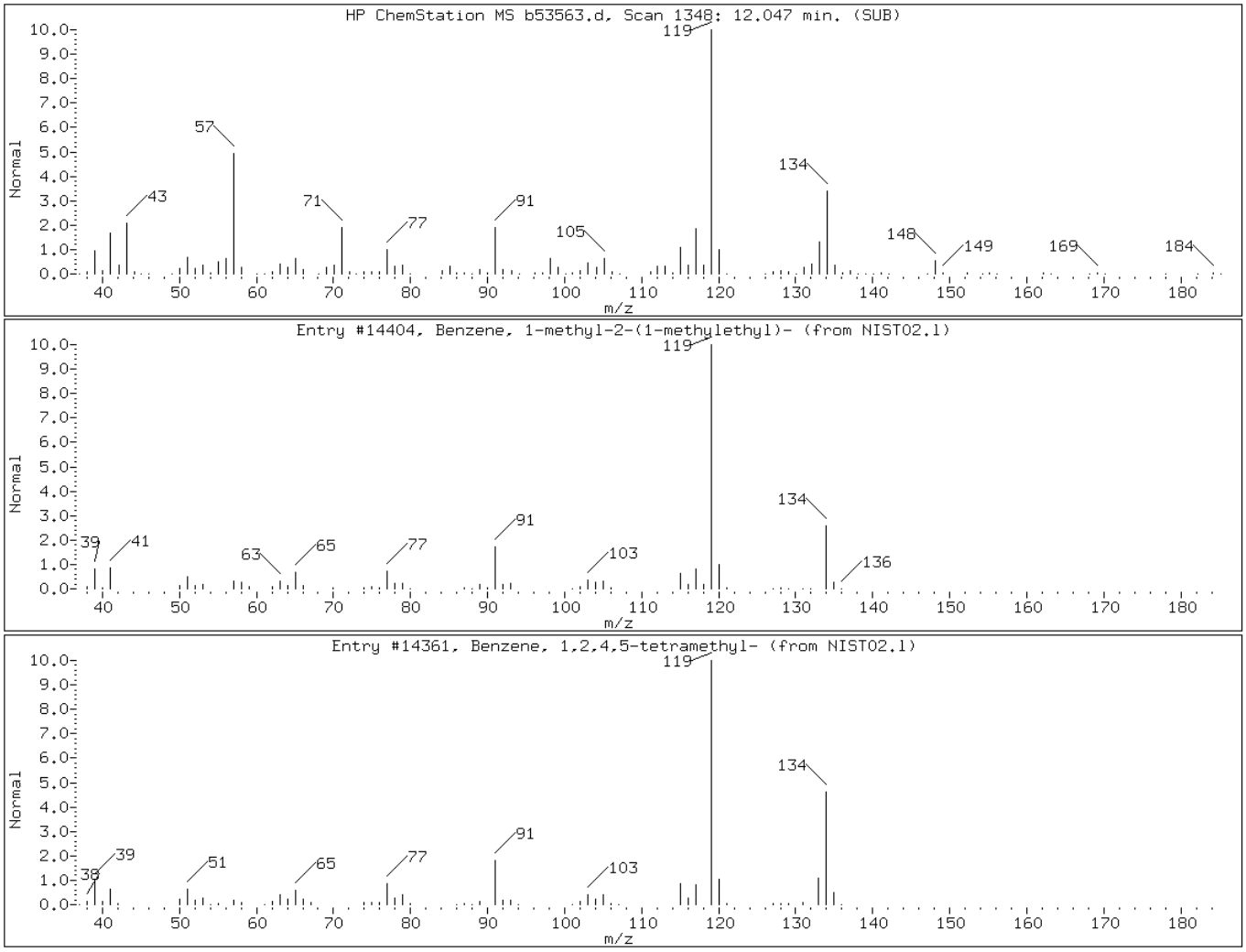
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic/Unknown-1						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	94	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	93	C10H14	134



Data File: b53563.d

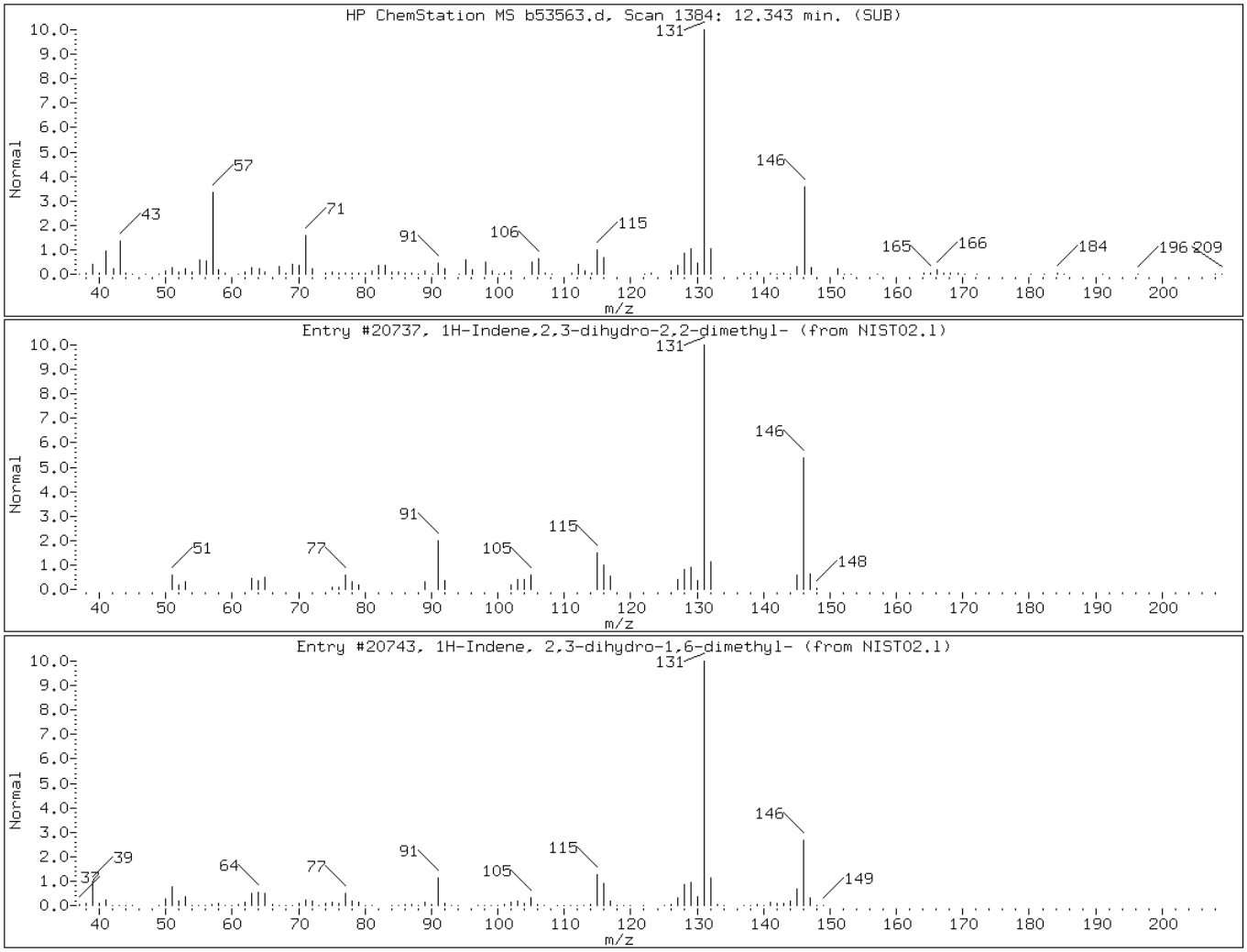
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 12.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene,2,3-dihydro-2,2-dimethyl	20836-11-7	NIST02.l	20737	91	C11H14	146
1H-Indene, 2,3-dihydro-1,6-dimethy	17059-48-2	NIST02.l	20743	91	C11H14	146



Data File: b53563.d

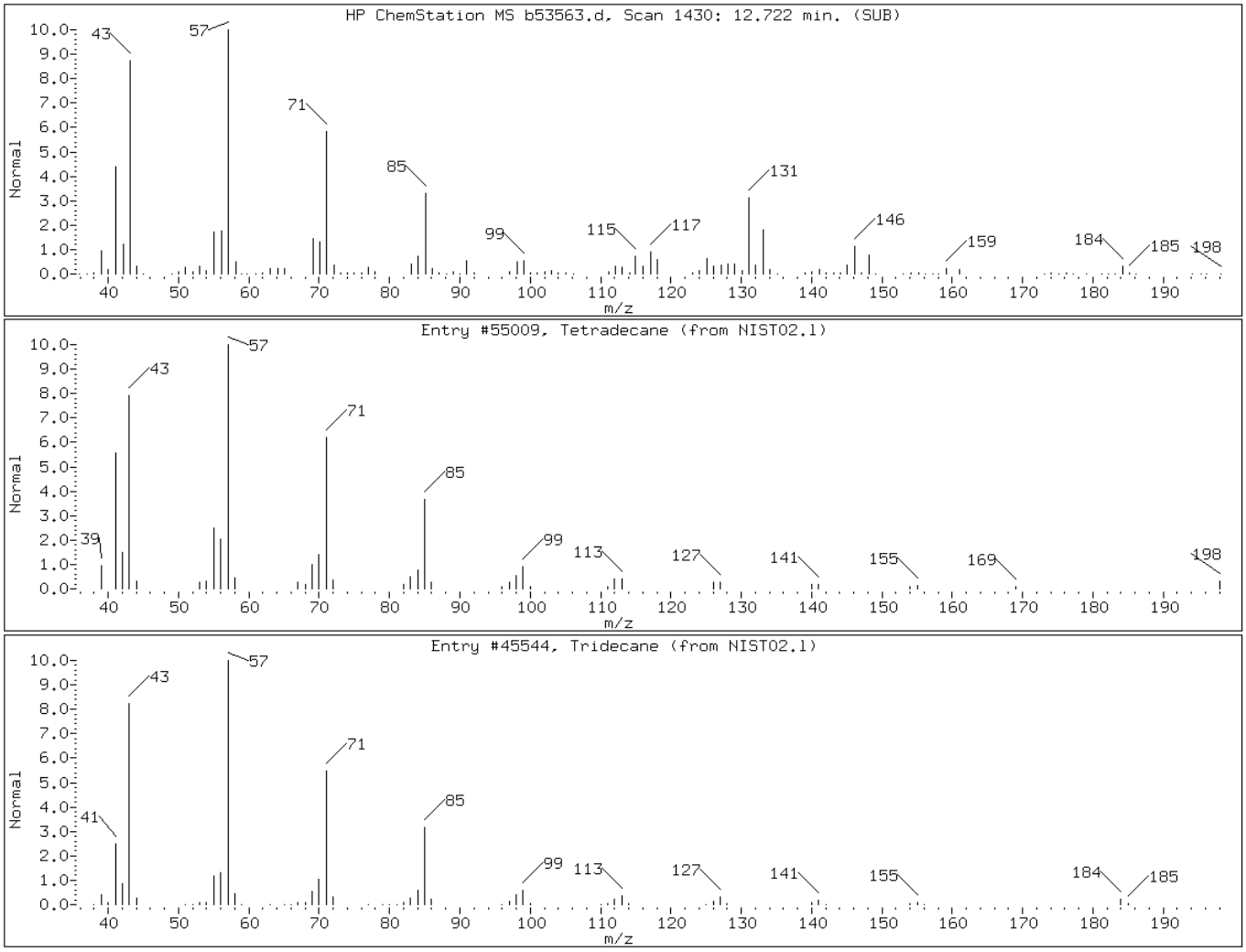
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 12.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tetradecane	629-59-4	NIST02.l	55009	95	C14H30	198
Tridecane	629-50-5	NIST02.l	45544	90	C13H28	184



Data File: b53563.d

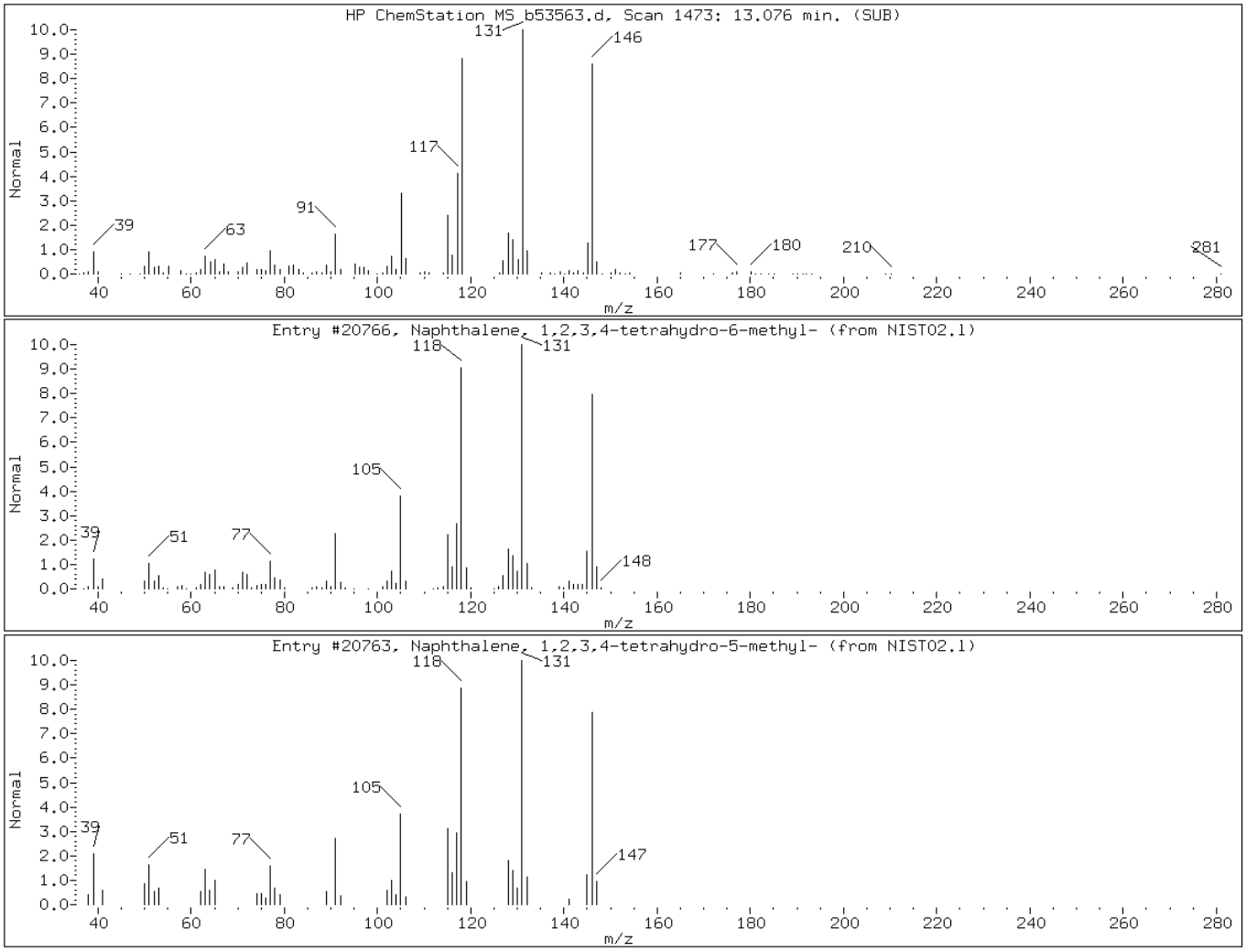
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 13.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20766	94	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20763	91	C11H14	146



Data File: b53563.d

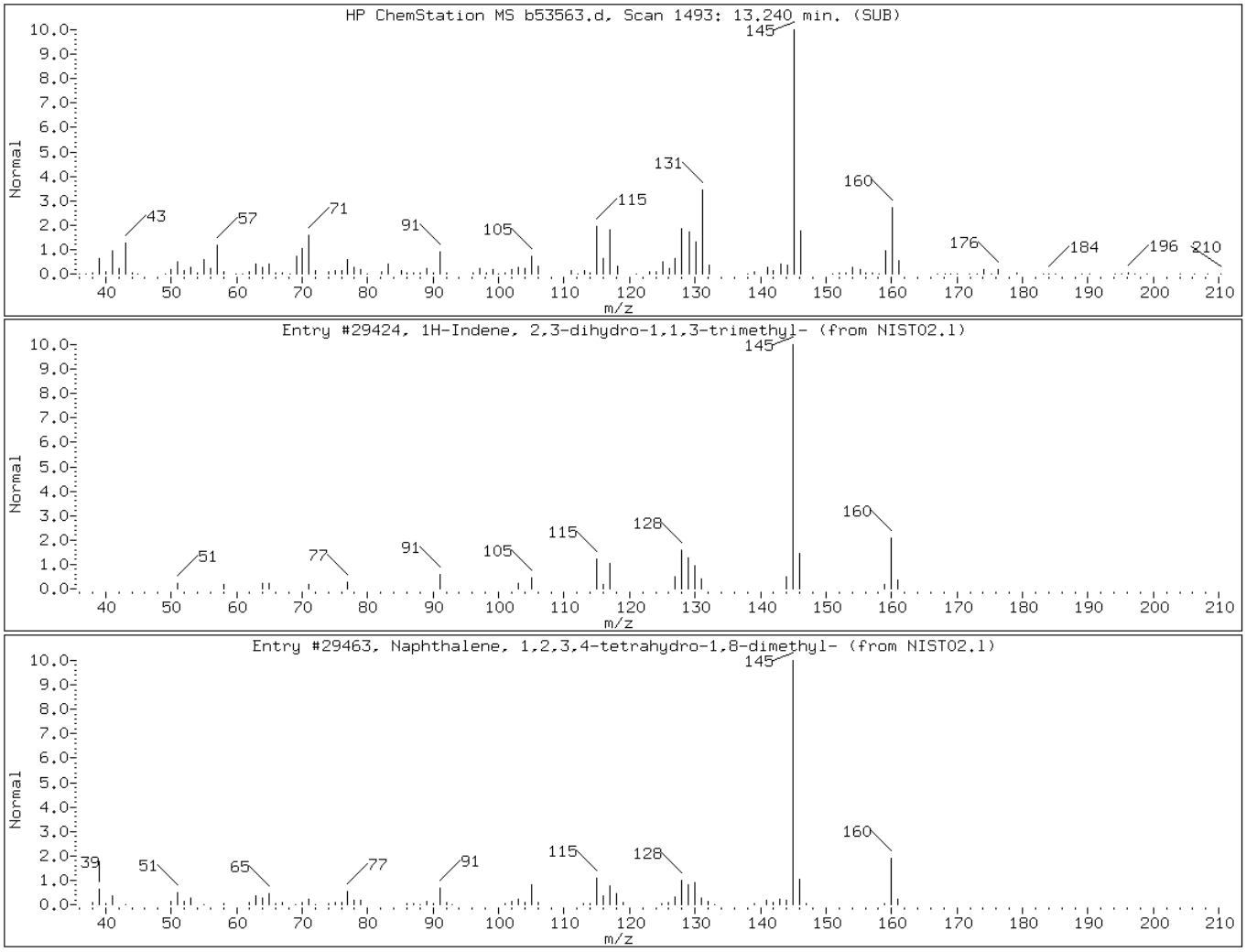
Date: 20-MAR-2013 14:04

Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

Retention Time: 13.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	87	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,	25419-33-4	NIST02.l	29463	87	C12H16	160



Data File: b53563.d

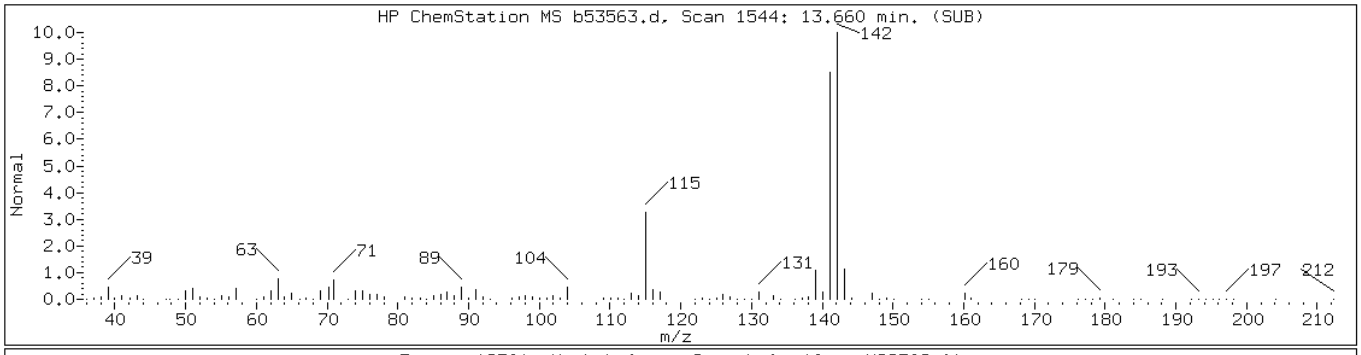
Date: 20-MAR-2013 14:04

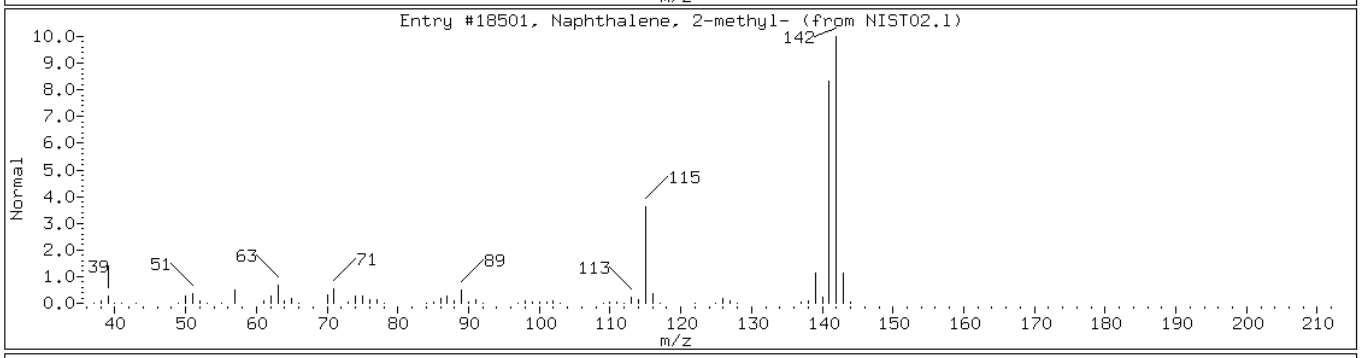
Client ID: PMP-5-NE-WT Instrument: VOAMS2.i

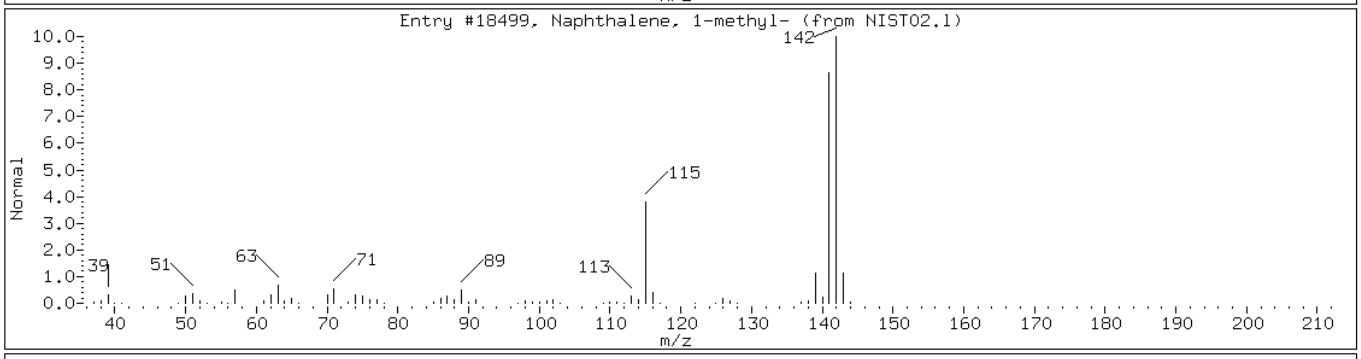
Sample Info: 460-52450-B-18-A;50;;5.10;5 Operator:

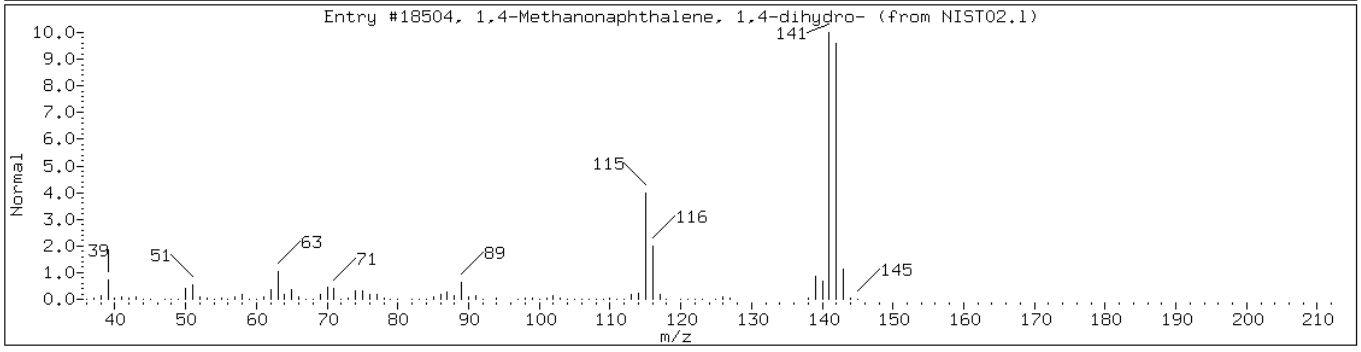
Retention Time: 13.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	91	C11H10	142









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI | Lab Sample ID: 460-52450-19

Matrix: Solid | Lab File ID: b53647.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:30

Sample wt/vol: 5.55(g) | Date Analyzed: 03/22/2013 07:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 152224 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	3.3	U	52	3.3
79-34-5	1,1,2,2-Tetrachloroethane	8.3	U	52	8.3
79-00-5	1,1,2-Trichloroethane	9.8	U	52	9.8
75-34-3	1,1-Dichloroethane	6.8	U	52	6.8
75-35-4	1,1-Dichloroethene	4.6	U	52	4.6
87-61-6	1,2,3-Trichlorobenzene	680		52	27
120-82-1	1,2,4-Trichlorobenzene	320		52	18
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	52	21
106-93-4	1,2-Dibromoethane	14	U	52	14
95-50-1	1,2-Dichlorobenzene	360		52	11
107-06-2	1,2-Dichloroethane	9.9	U	52	9.9
78-87-5	1,2-Dichloropropane	4.5	U	52	4.5
541-73-1	1,3-Dichlorobenzene	210		52	7.1
106-46-7	1,4-Dichlorobenzene	1100		52	12
123-91-1	1,4-Dioxane	1900	U	2600	1900
78-93-3	2-Butanone	120	U	260	120
591-78-6	2-Hexanone	26	U	260	26
108-10-1	4-Methyl-2-pentanone	52	U	260	52
67-64-1	Acetone	140	U	260	140
71-43-2	Benzene	4.3	U	52	4.3
74-97-5	Bromochloromethane	14	U	52	14
75-27-4	Bromodichloromethane	6.6	U	52	6.6
75-25-2	Bromoform	10	U	52	10
74-83-9	Bromomethane	9.5	U	52	9.5
75-15-0	Carbon disulfide	6.6	U	52	6.6
56-23-5	Carbon tetrachloride	3.0	U	52	3.0
108-90-7	Chlorobenzene	17	J	52	5.8
75-00-3	Chloroethane	8.9	U	52	8.9
67-66-3	Chloroform	4.1	U	52	4.1
74-87-3	Chloromethane	5.1	U	52	5.1
156-59-2	cis-1,2-Dichloroethene	9.3	U	52	9.3
10061-01-5	cis-1,3-Dichloropropene	9.7	U	52	9.7
110-82-7	Cyclohexane	8.3	U	52	8.3
124-48-1	Dibromochloromethane	10	U	52	10
75-71-8	Dichlorodifluoromethane	11	U	52	11
100-41-4	Ethylbenzene	180		52	5.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI | Lab Sample ID: 460-52450-19

Matrix: Solid | Lab File ID: b53647.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:30

Sample wt/vol: 5.55(g) | Date Analyzed: 03/22/2013 07:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 152224 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	4.3	U	52	4.3
98-82-8	Isopropylbenzene	63		52	4.0
79-20-9	Methyl acetate	18	U	100	18
108-87-2	Methylcyclohexane	56		52	7.1
75-09-2	Methylene Chloride	9.6	U	52	9.6
1634-04-4	MTBE	7.2	U	52	7.2
100-42-5	Styrene	6.2	U	52	6.2
127-18-4	Tetrachloroethene	20	J	52	5.1
108-88-3	Toluene	15	J	52	7.8
156-60-5	trans-1,2-Dichloroethene	6.8	U	52	6.8
10061-02-6	trans-1,3-Dichloropropene	13	U	52	13
79-01-6	Trichloroethene	4.8	U	52	4.8
75-69-4	Trichlorofluoromethane	7.7	U	52	7.7
75-01-4	Vinyl chloride	7.6	U	52	7.6
1330-20-7	Xylenes, Total	750		160	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-135
2037-26-5	Toluene-d8 (Surr)	82		59-150
460-00-4	Bromofluorobenzene	87		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI | Lab Sample ID: 460-52450-19

Matrix: Solid | Lab File ID: b53647.d

Analysis Method: 8260B | Date Collected: 03/14/2013 12:30

Sample wt/vol: 5.55(g) | Date Analyzed: 03/22/2013 07:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 152224 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 49300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Trimethylbenzene isomer	10.86	4000	J
	Coeluting Aromatics	11.07	4900	J
	Unknown Aromatic	11.73	4600	J
	Unknown Alkane-1	11.94	4300	J
	C10H14 Aromatic/Unknown	12.05	9400	J
	Unknown	12.15	4200	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.34	4400	J
	2,3-dihydro-dimethyl-1H-Indene isomer-1	12.89	4400	J
	Tetrahydromethylnaphthalene isomer	13.07	4000	J
	2,3-dihydro-trimethyl-1H-Indene isomer	13.24	5100	J

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53647.d
Report Date: 24-Mar-2013 17:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53647.d
Lab Smp Id: 460-52450-C-19-A Client Smp ID: PMP-5-NE-SI
Inj Date : 22-MAR-2013 07:17
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-C-19-A;50;;5.55;5
Misc Info : 460-52450-C-19-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/8260_09.m
Meth Date : 22-Mar-2013 00:39 ken Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 19
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	5.00000	Volume of final extract (mL)
Ws	5.55000	Weight of sample extracted (g)
M	14.12844	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	155079	42.5014	2200
* 52 Fluorobenzene	96	5.233	5.233	(1.000)	615531	50.0000	
56 Methyl cyclohexane	83	5.784	5.793	(1.105)	4764	1.07436	56
$ 65 Toluene-d8 (SUR)	98	7.225	7.224	(0.822)	382856	41.0048	2200
66 Toluene	91	7.307	7.307	(0.831)	4880	0.29070	15(a)
71 Tetrachloroethene	166	7.883	7.883	(0.897)	1397	0.38075	20(a)
* 78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	460275	50.0000	
79 Chlorobenzene	112	8.813	8.813	(1.003)	3397	0.32042	17(aH)
81 Ethylbenzene	106	8.895	8.895	(1.012)	17522	3.33756	180
82 m+p-Xylene	106	9.010	9.010	(1.025)	36786	5.63488	300
84 o-Xylene	106	9.381	9.381	(1.067)	54994	8.69722	460
88 Isopropylbenzene	105	9.702	9.702	(1.104)	18770	1.20029	63
$ 89 Bromofluorobenzene (SUR)	174	9.874	9.874	(0.912)	149884	43.3580	2300
95 n-Propylbenzene	91	10.056	10.055	(0.929)	23988	1.11628	58

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53647.d
Report Date: 24-Mar-2013 17:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
97	1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	239244	17.0010	890
100	tert-Butylbenzene	119	10.467	10.467	(0.967)	4071	0.35490	19(a)
101	1,2,4-Trimethylbenzene	105	10.516	10.525	(0.971)	248139	17.3754	910
103	sec-Butylbenzene	105	10.648	10.648	(0.983)	48755	2.41182	130
107	p-Isopropyltoluene	119	10.763	10.763	(0.994)	118840	6.94073	360
105	1,3-Dichlorobenzene	146	10.772	10.771	(0.995)	32864	4.02810	210
* 108	1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	236160	50.0000	
109	1,4-Dichlorobenzene	146	10.854	10.854	(1.002)	177114	21.3057	1100
171	Indan	117	11.027	11.027	(2.107)	194388	15.9111	830
111	1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	54203	6.85300	360
114	1,2,4-Trichlorobenzene	180	12.385	12.384	(1.144)	29682	6.02420	320
116	Naphthalene	128	12.598	12.607	(1.163)	437776	28.2634	1500
117	1,2,3-Trichlorobenzene	180	12.812	12.812	(1.183)	60240	12.9317	680
M 121	Xylene (Total)	100				91780	14.3321	750

QC Flag Legend

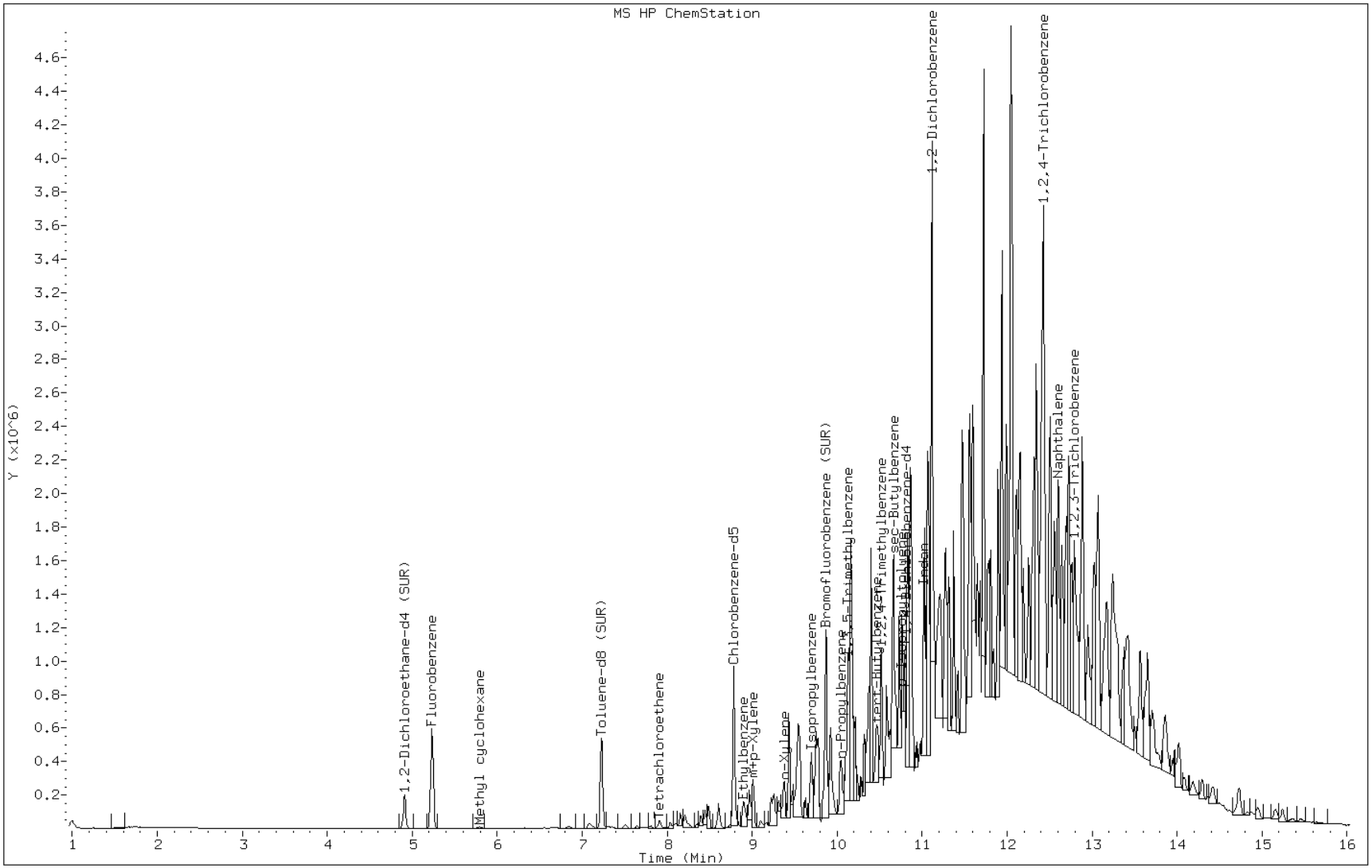
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:



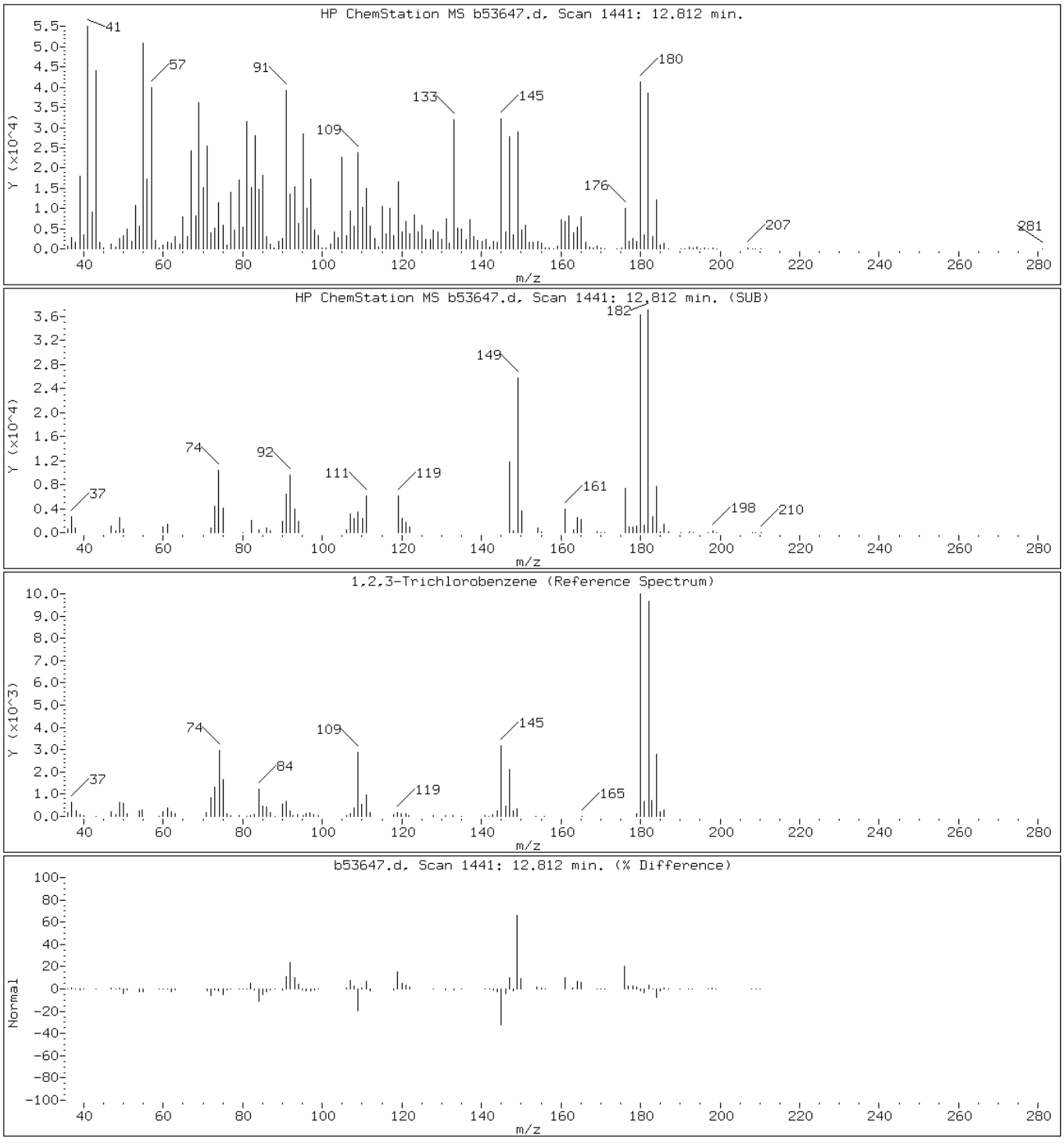
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

117 1,2,3-Trichlorobenzene



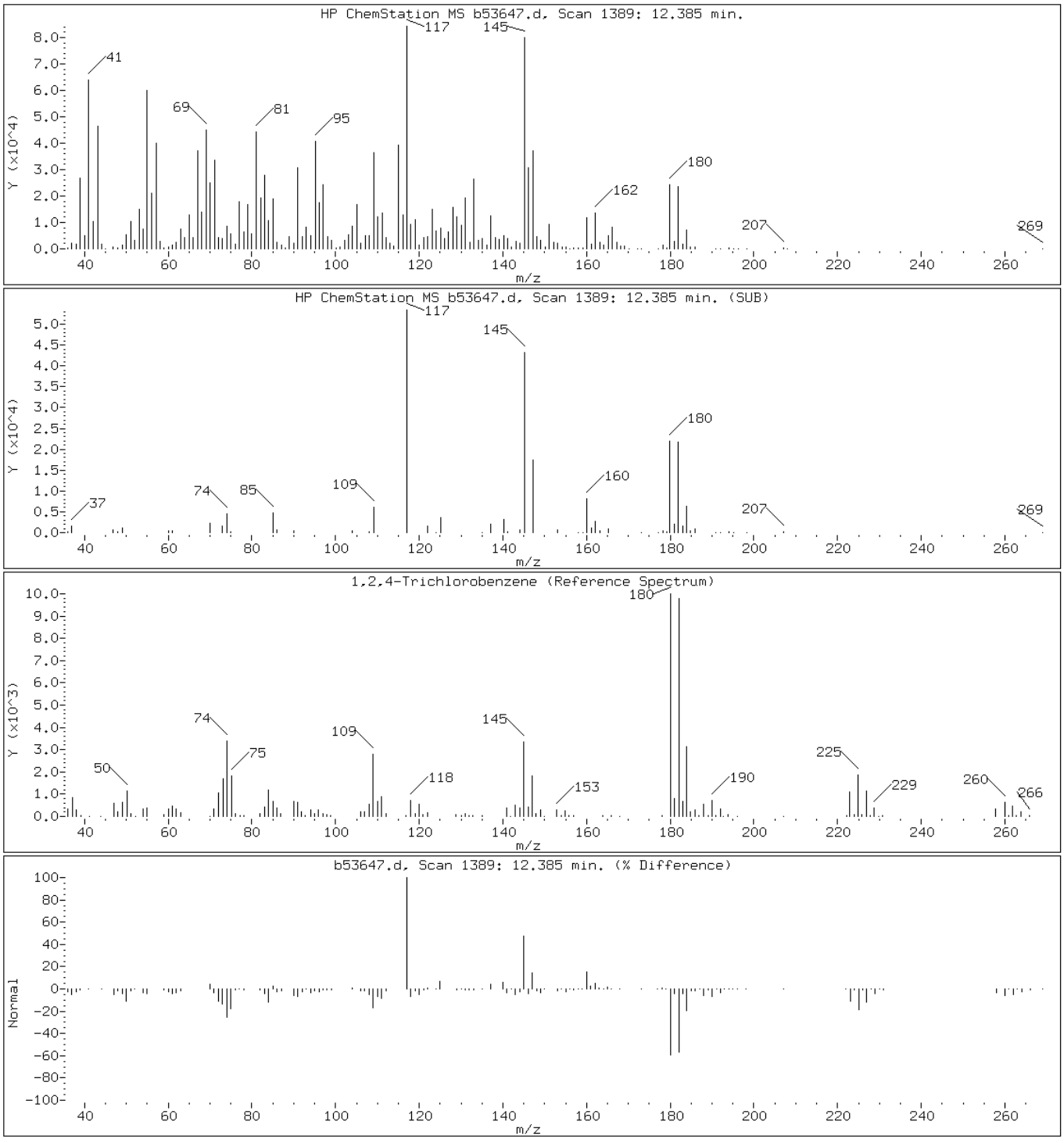
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

114 1,2,4-Trichlorobenzene



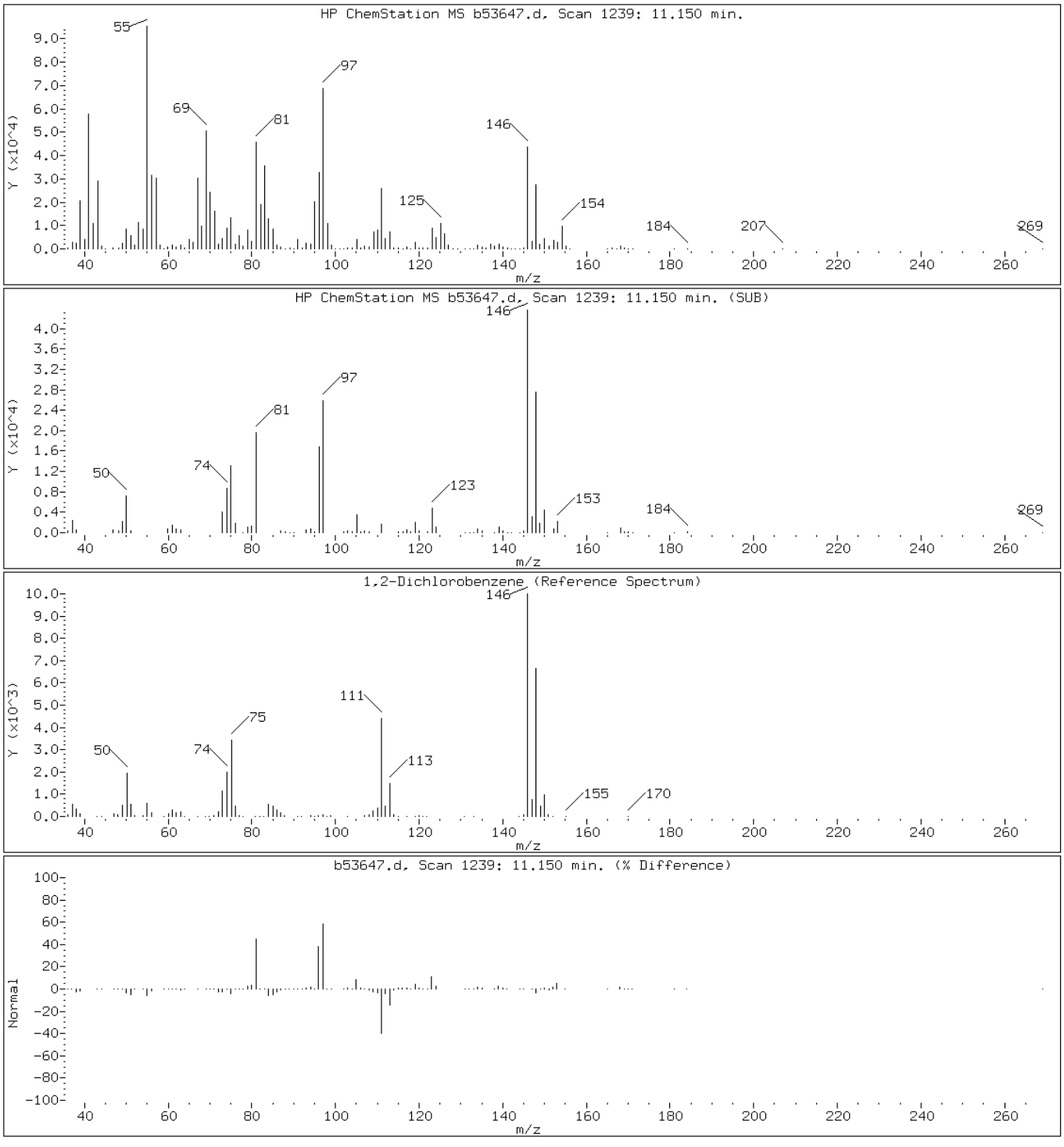
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

111 1,2-Dichlorobenzene



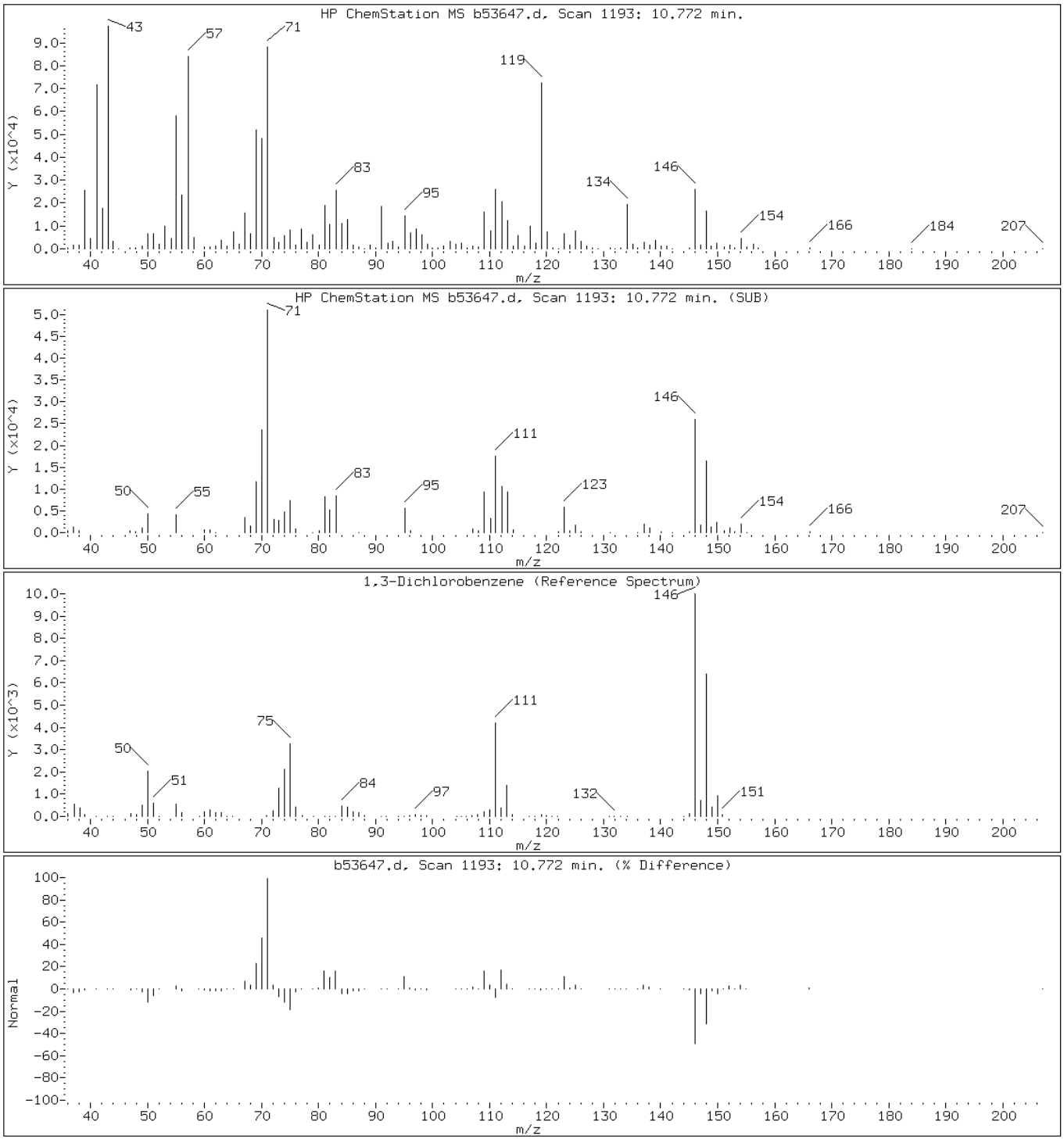
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

105 1,3-Dichlorobenzene



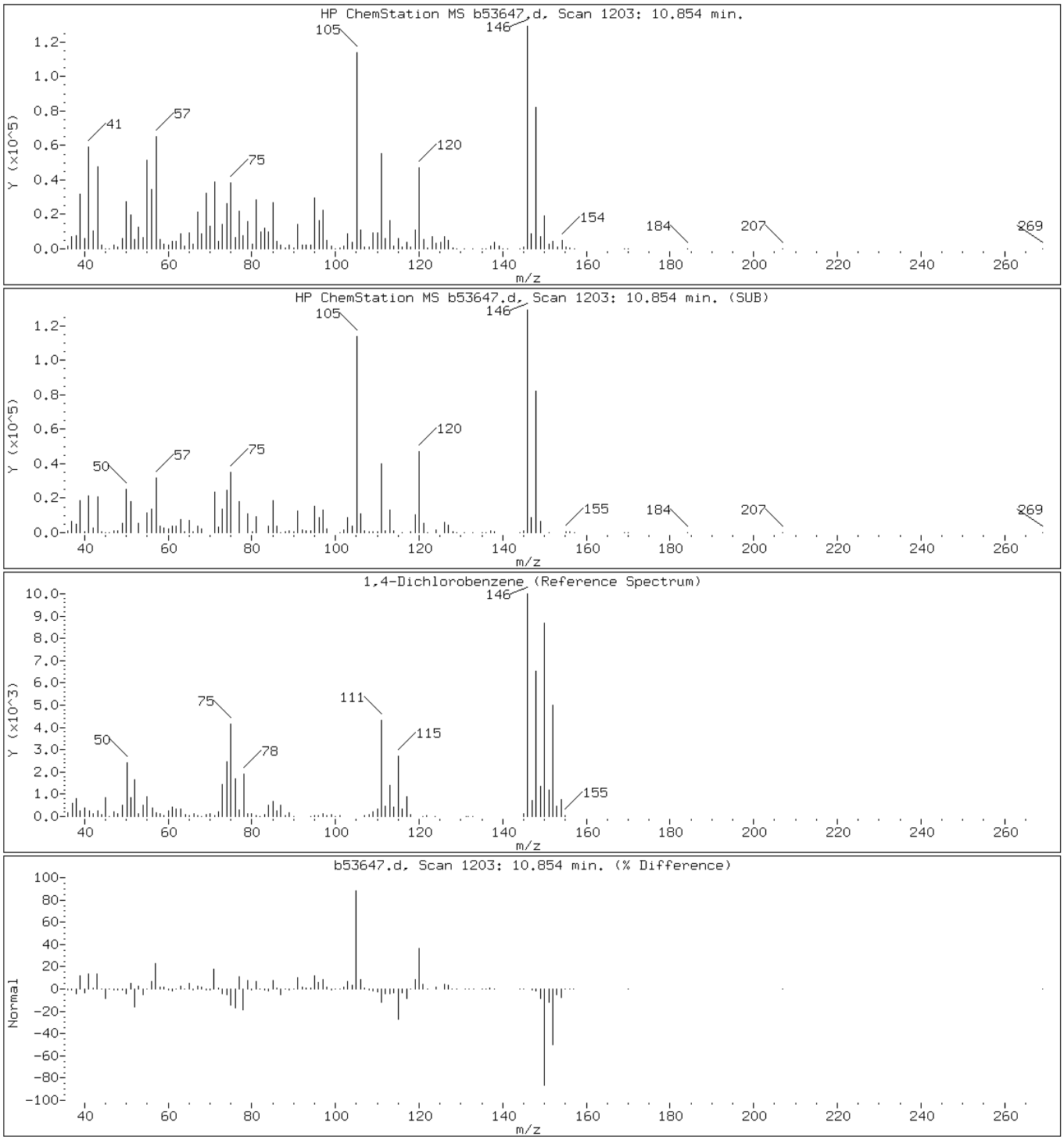
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

109 1,4-Dichlorobenzene



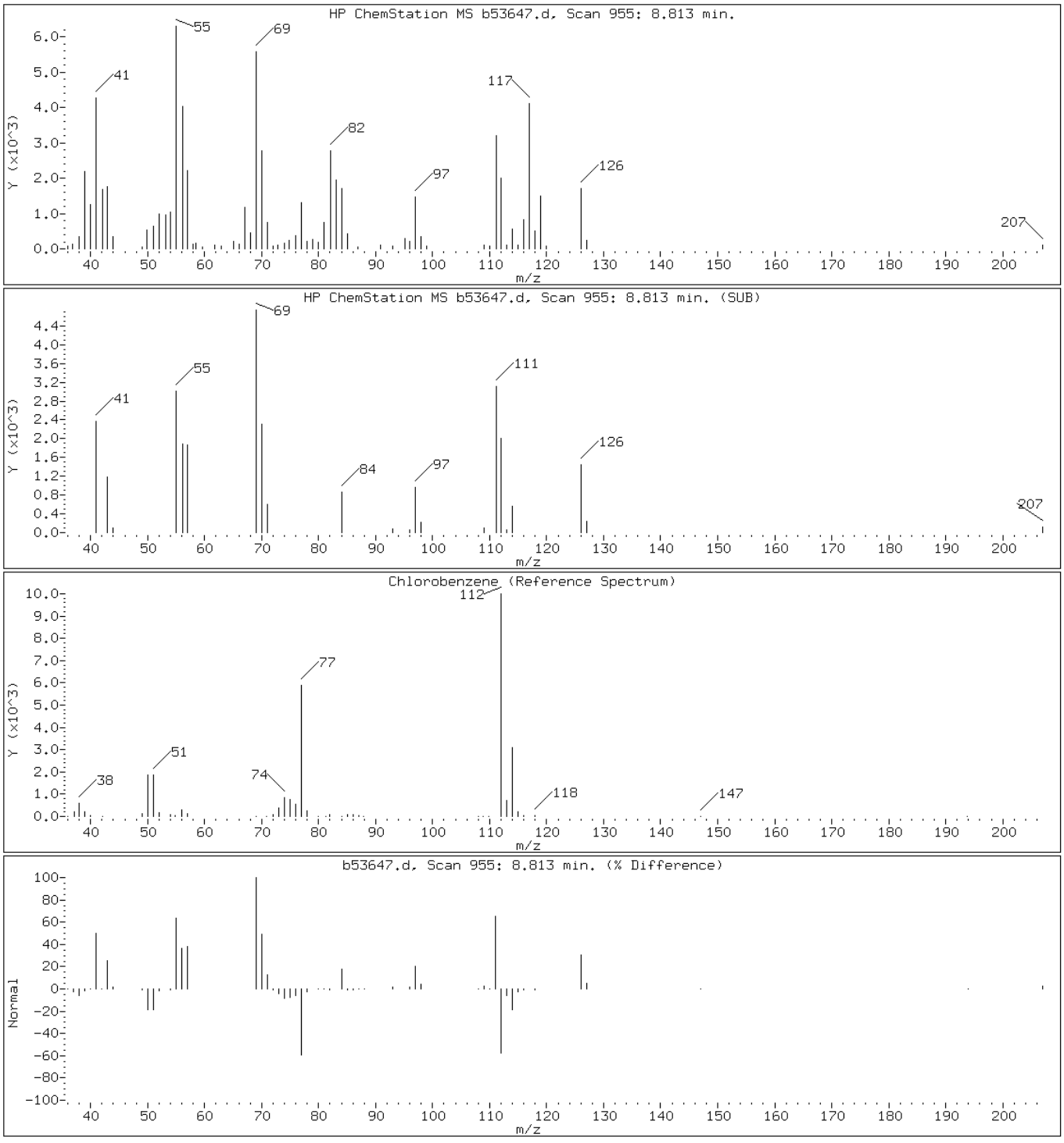
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

79 Chlorobenzene



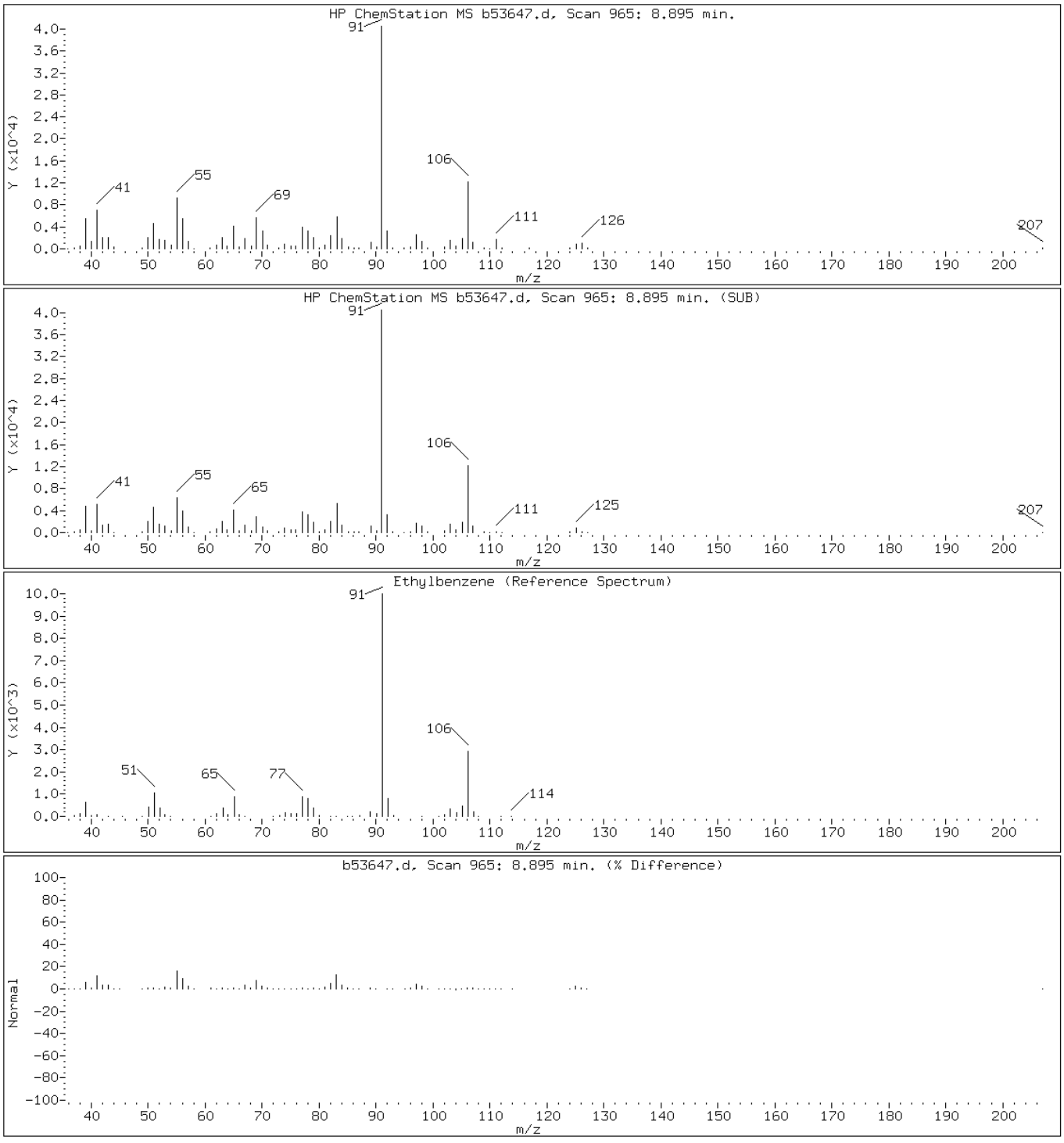
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

81 Ethylbenzene



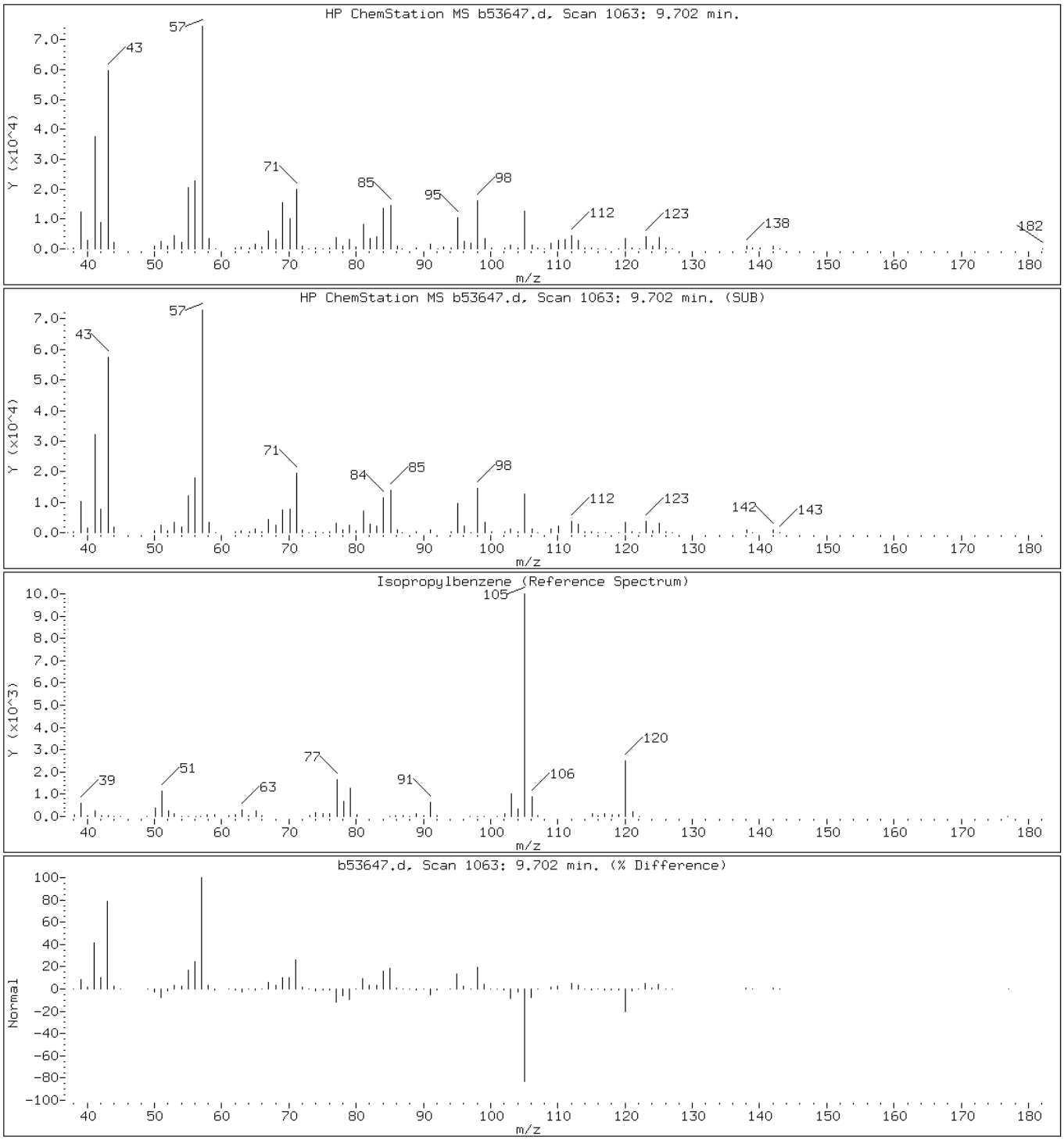
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

88 Isopropylbenzene



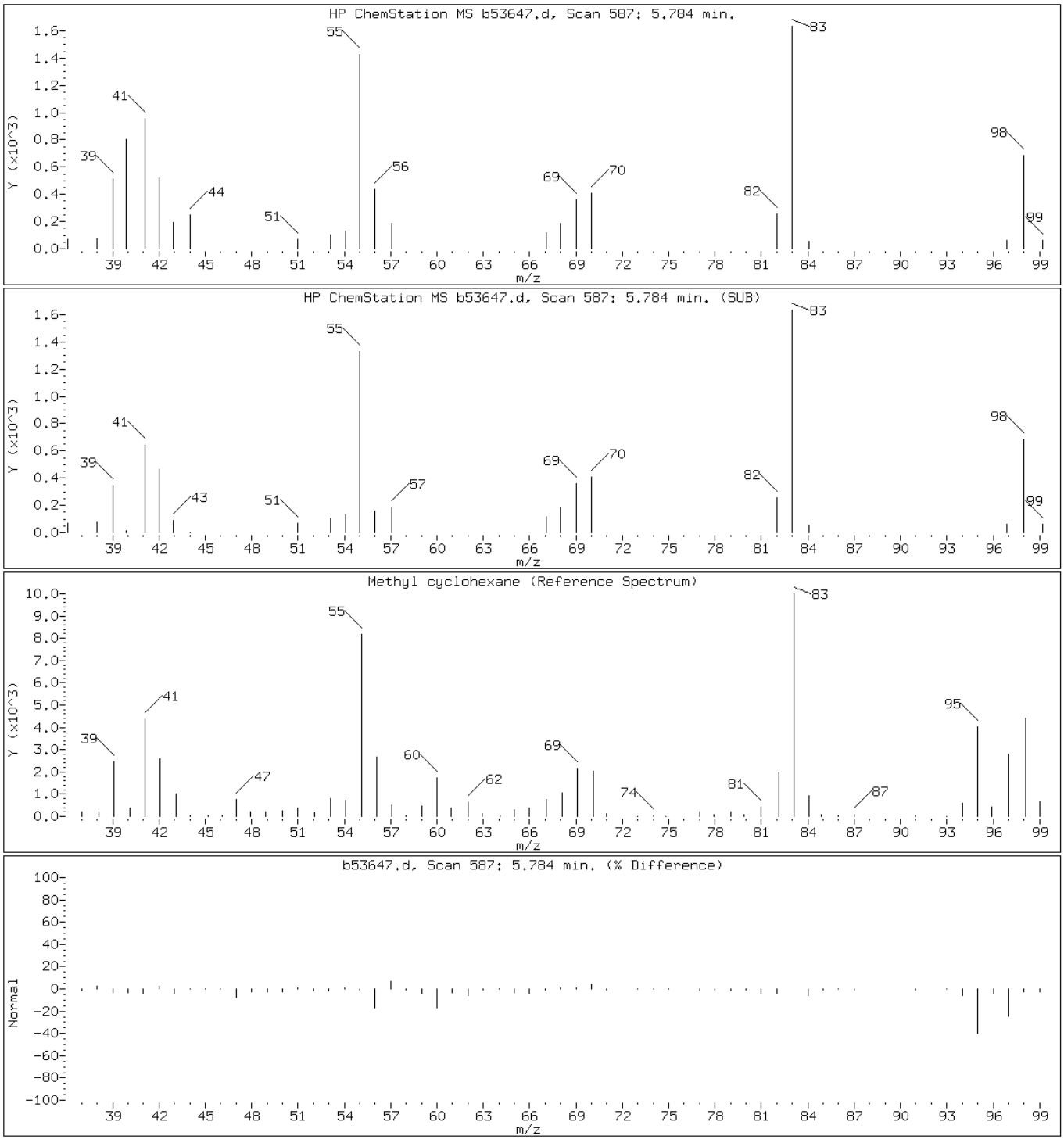
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

56 Methyl cyclohexane



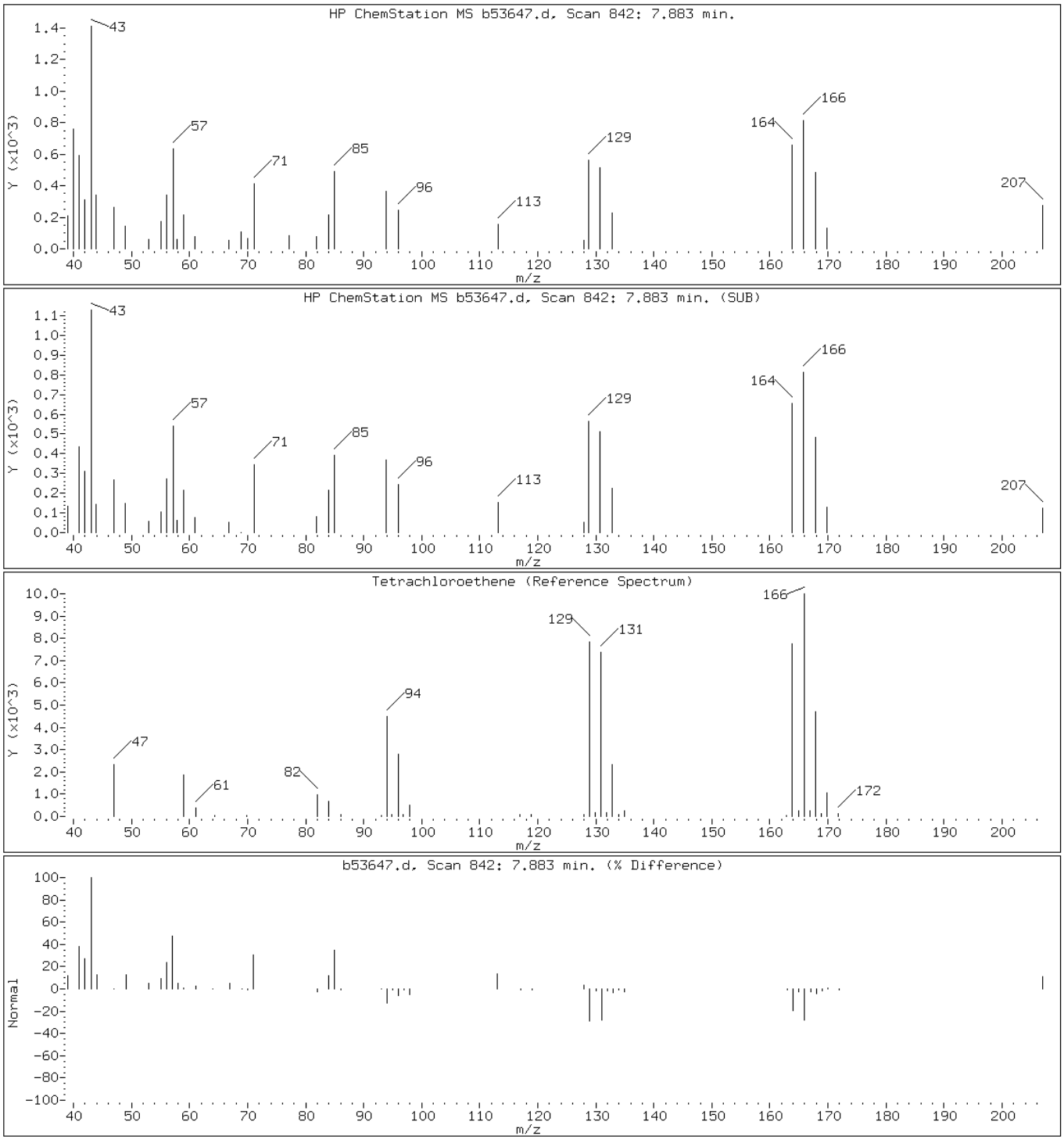
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

71 Tetrachloroethene



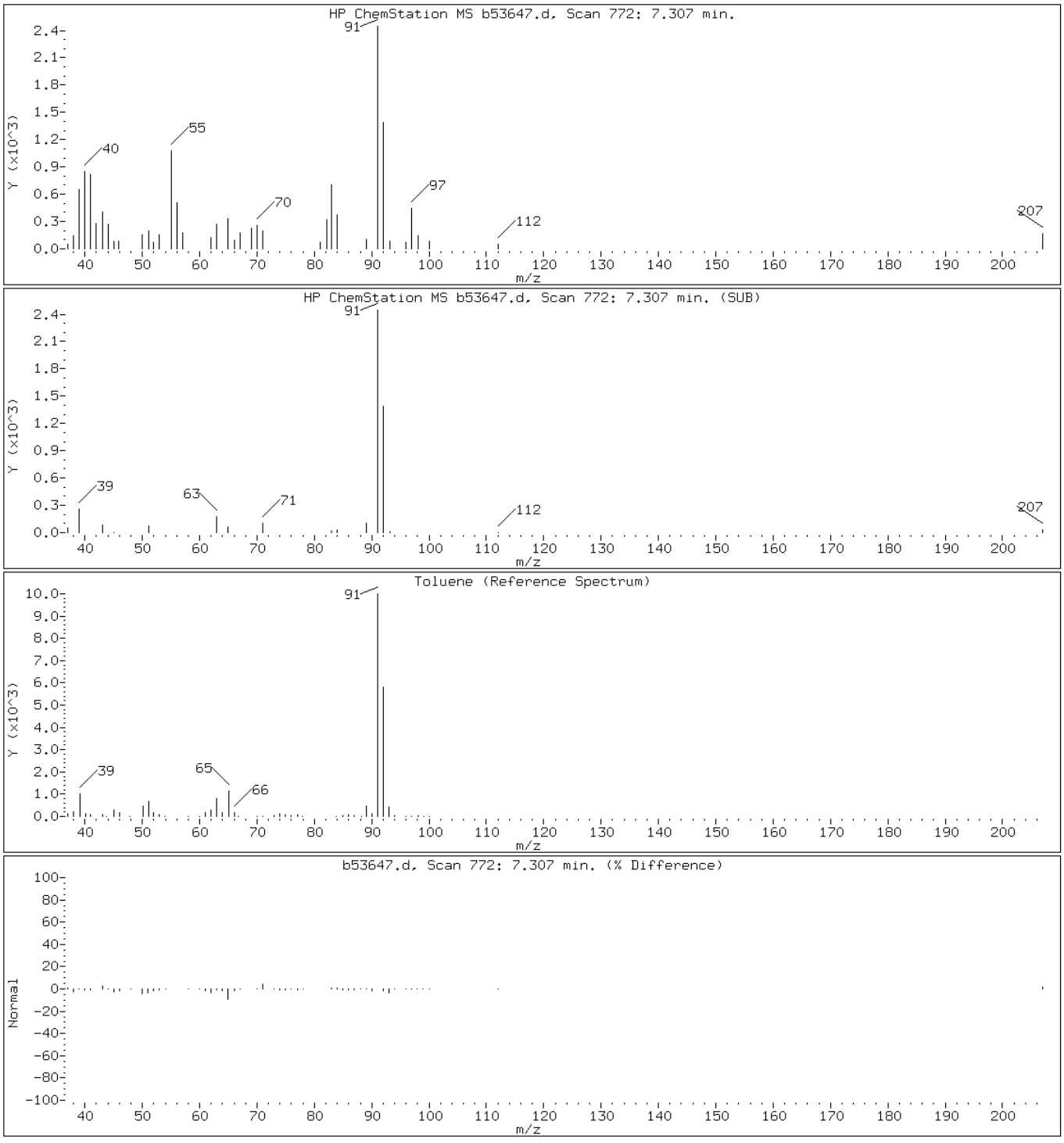
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

66 Toluene



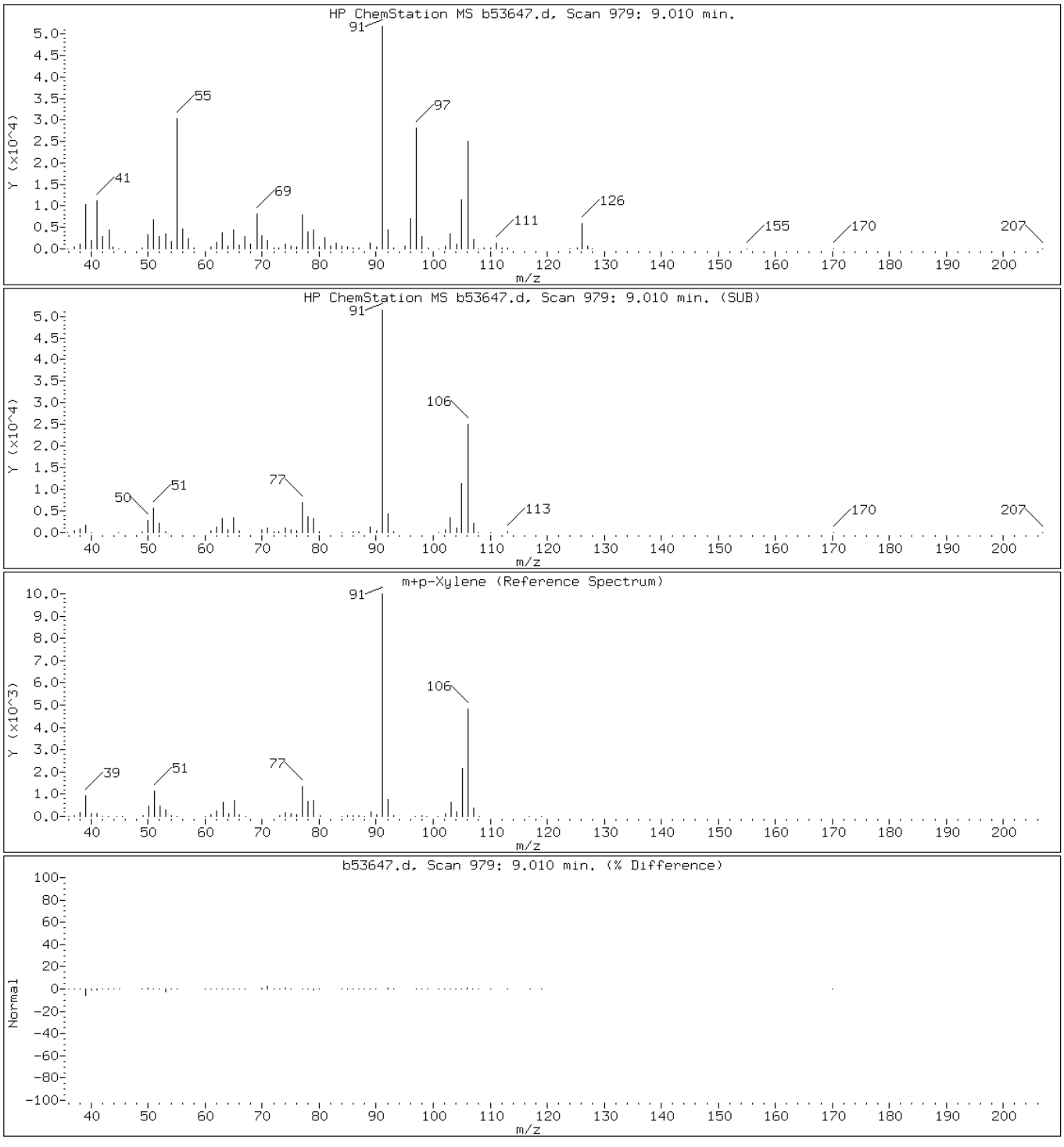
Data File: b53647.d

Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

82 m+p-Xylene



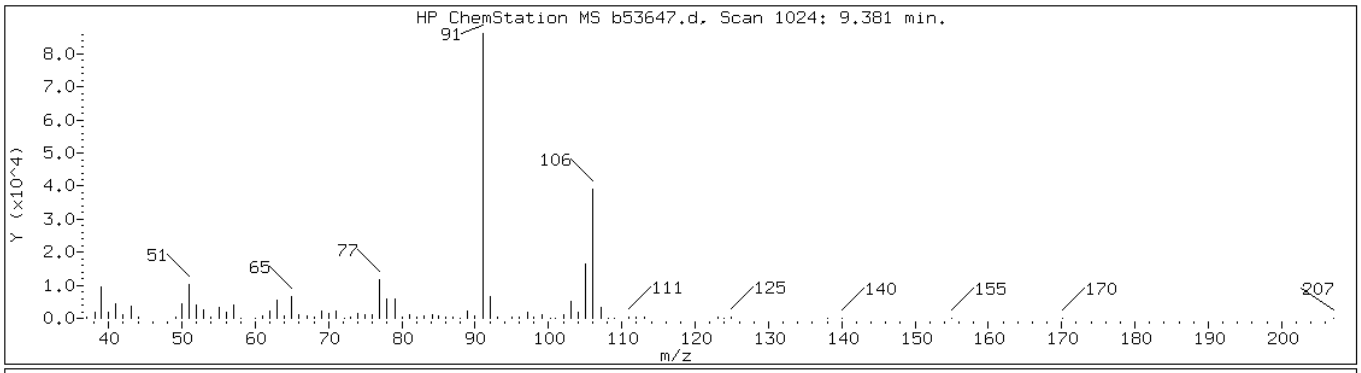
Data File: b53647.d

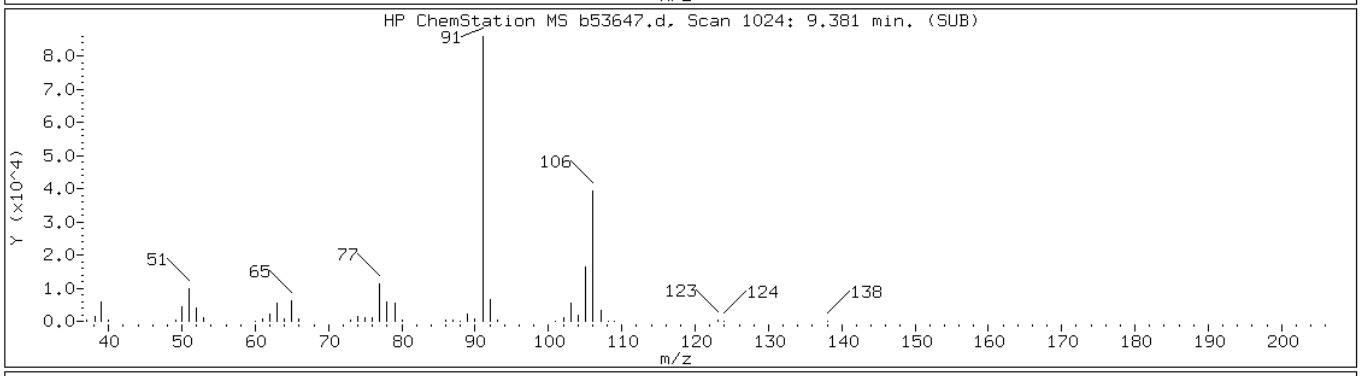
Date: 22-MAR-2013 07:17

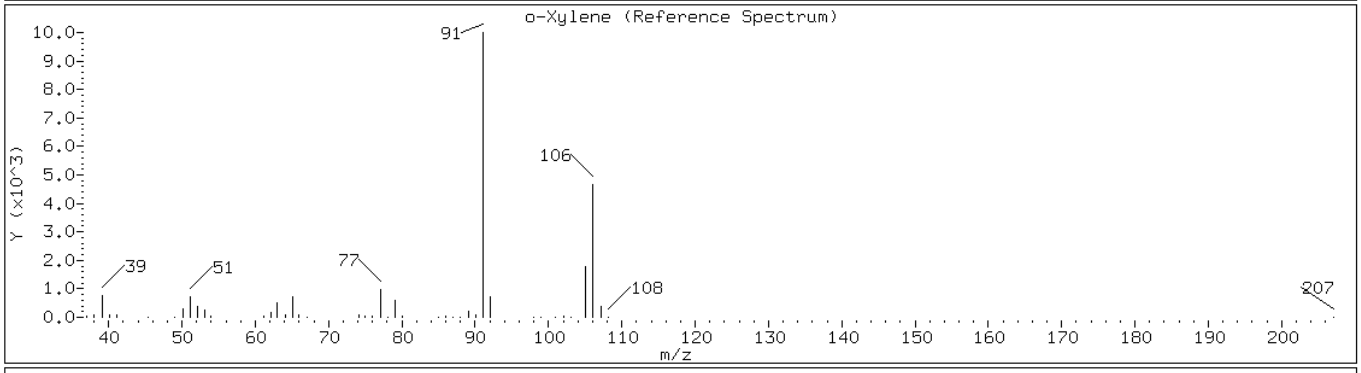
Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

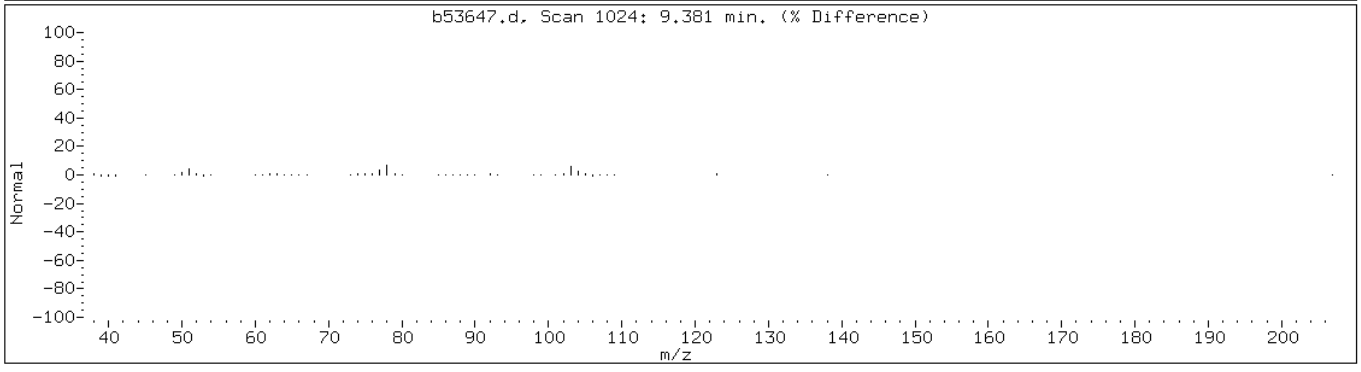
Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

84 o-Xylene









Data File: b53647.d

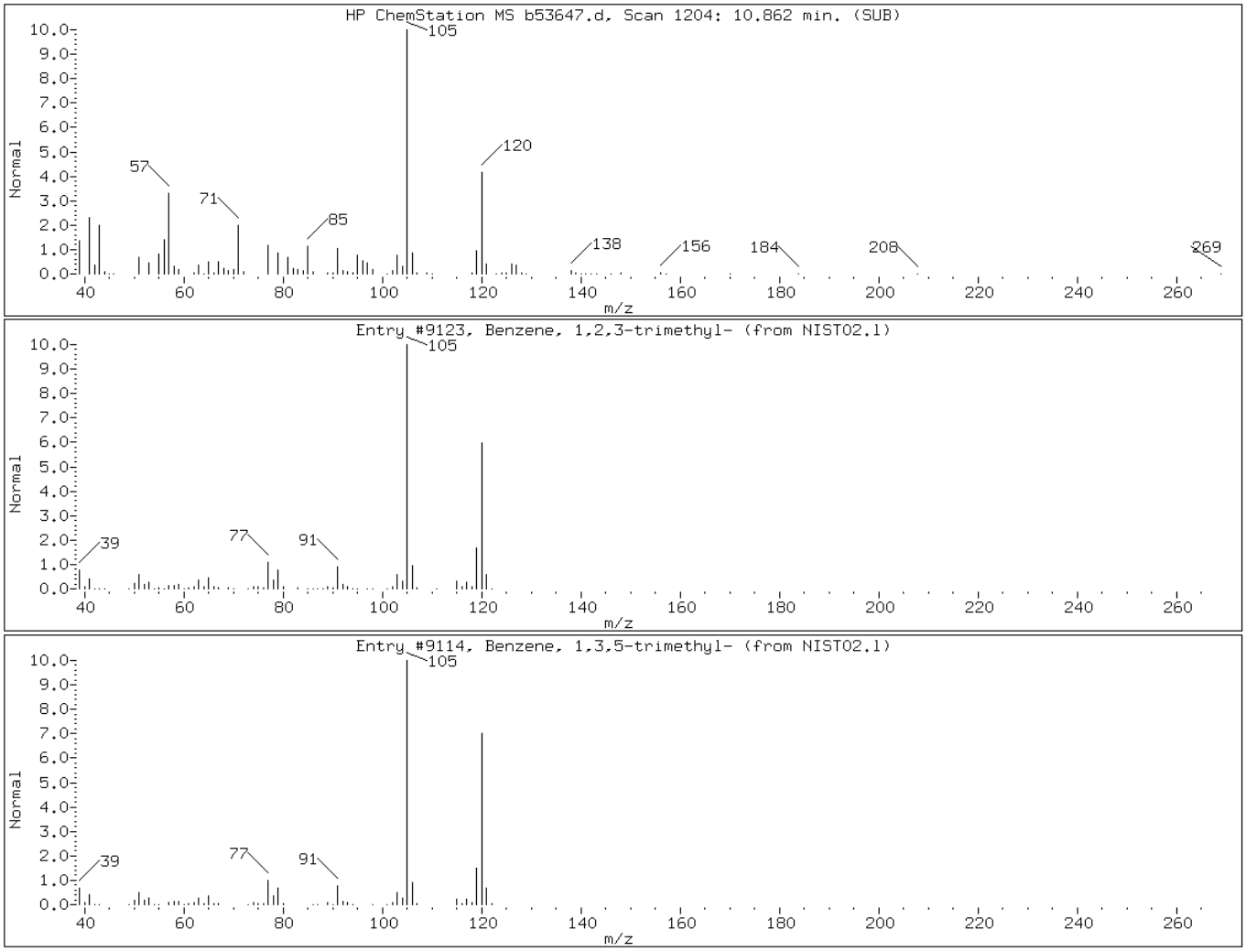
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 10.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	64	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9114	64	C9H12	120



Data File: b53647.d

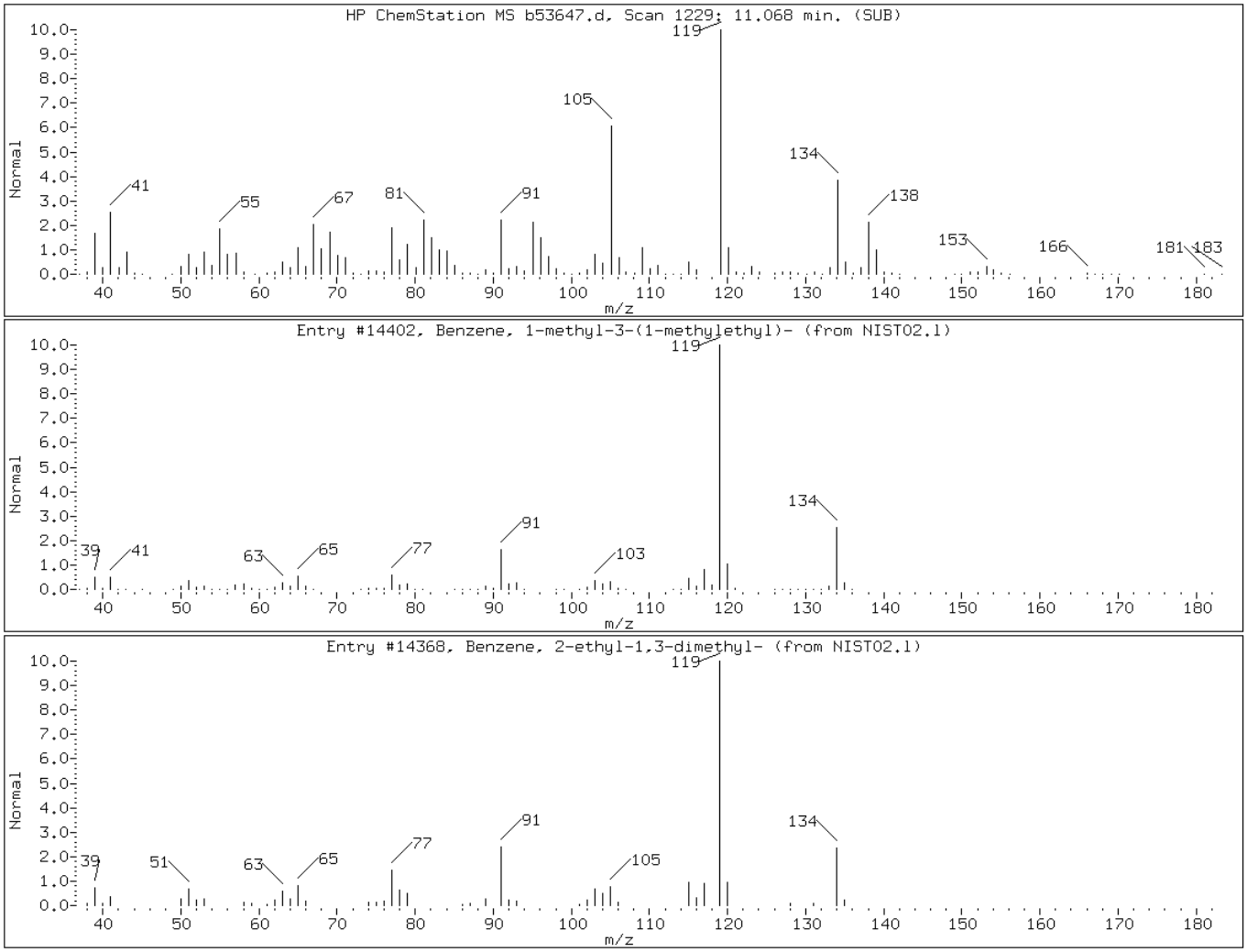
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 11.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	64	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	64	C10H14	134



Data File: b53647.d

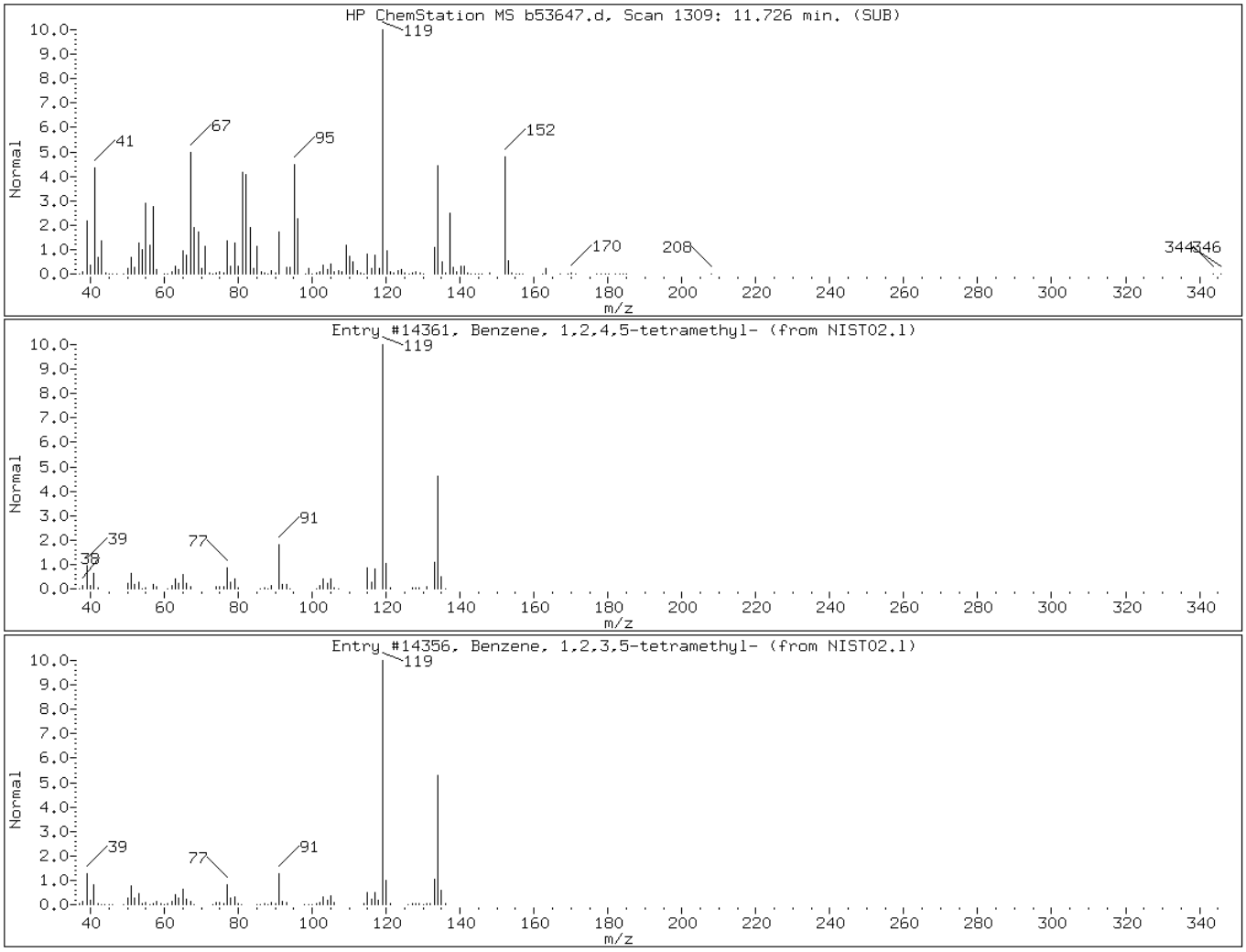
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	86	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	80	C10H14	134



Data File: b53647.d

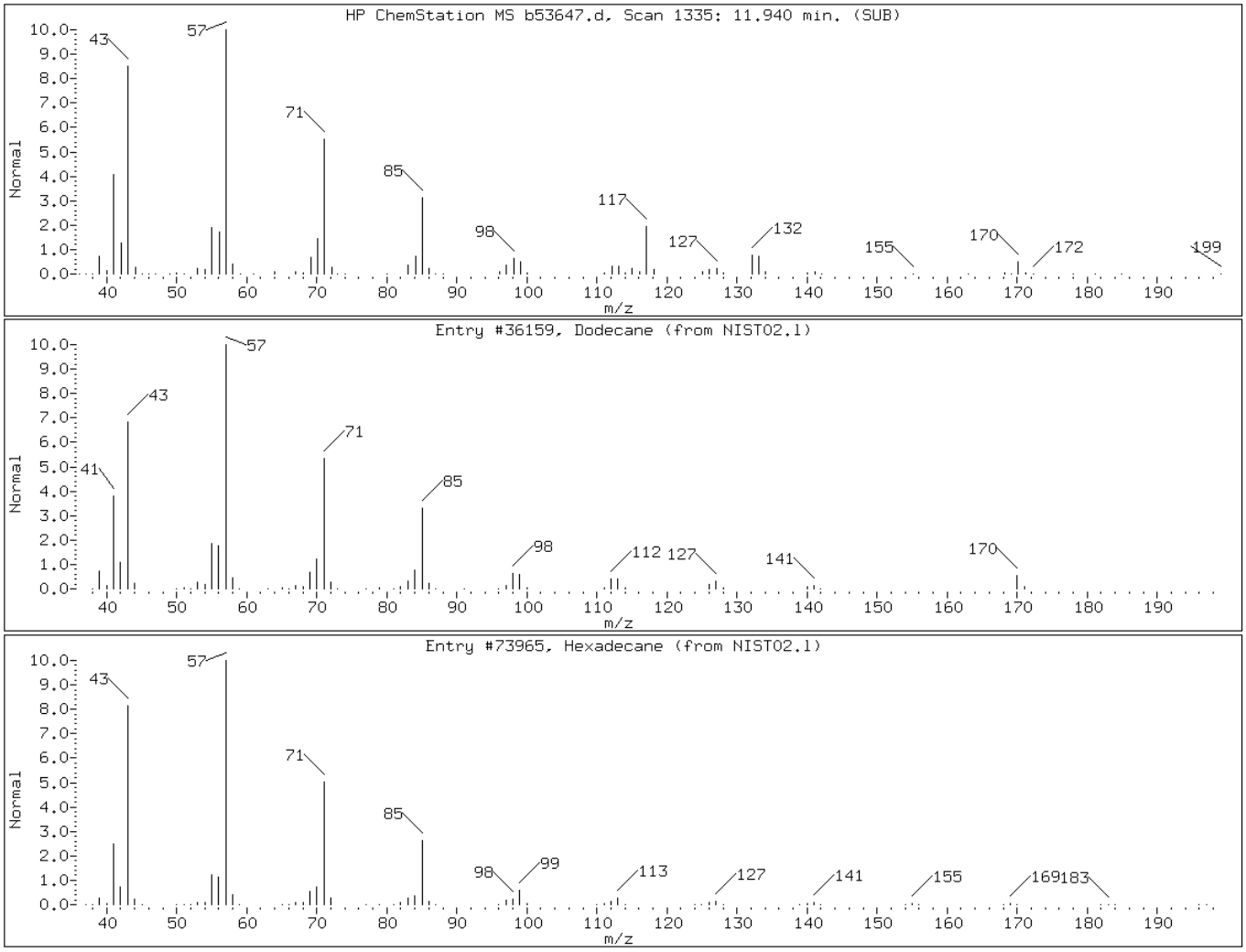
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 11.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	93	C12H26	170
Hexadecane	544-76-3	NIST02.l	73965	58	C16H34	226



Data File: b53647.d

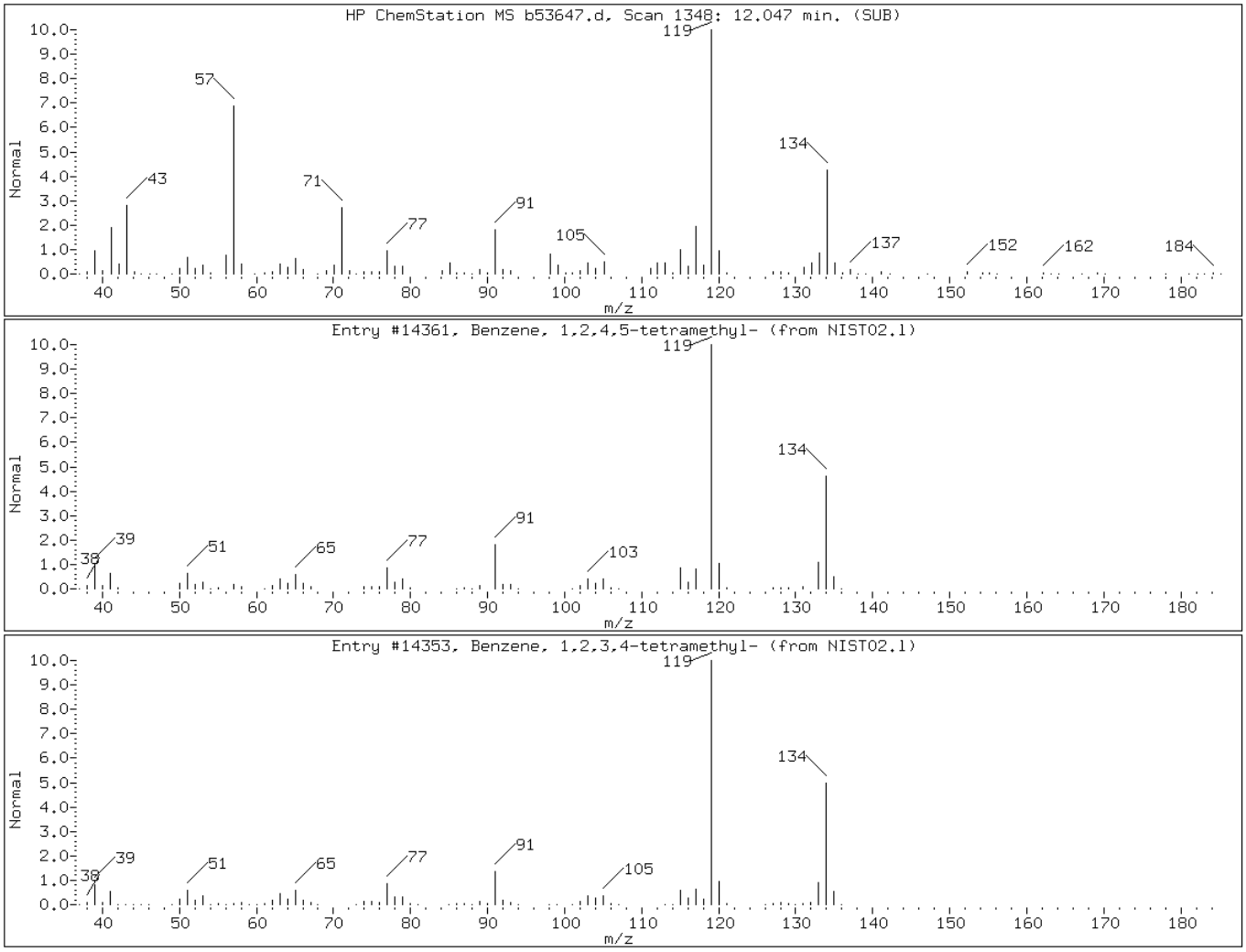
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic/Unknown						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	94	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	93	C10H14	134



Data File: b53647.d

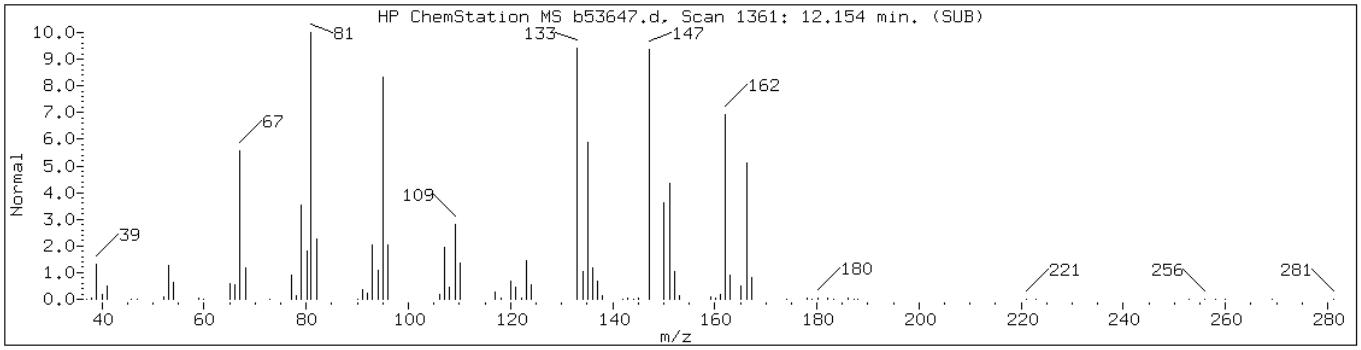
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown						



Data File: b53647.d

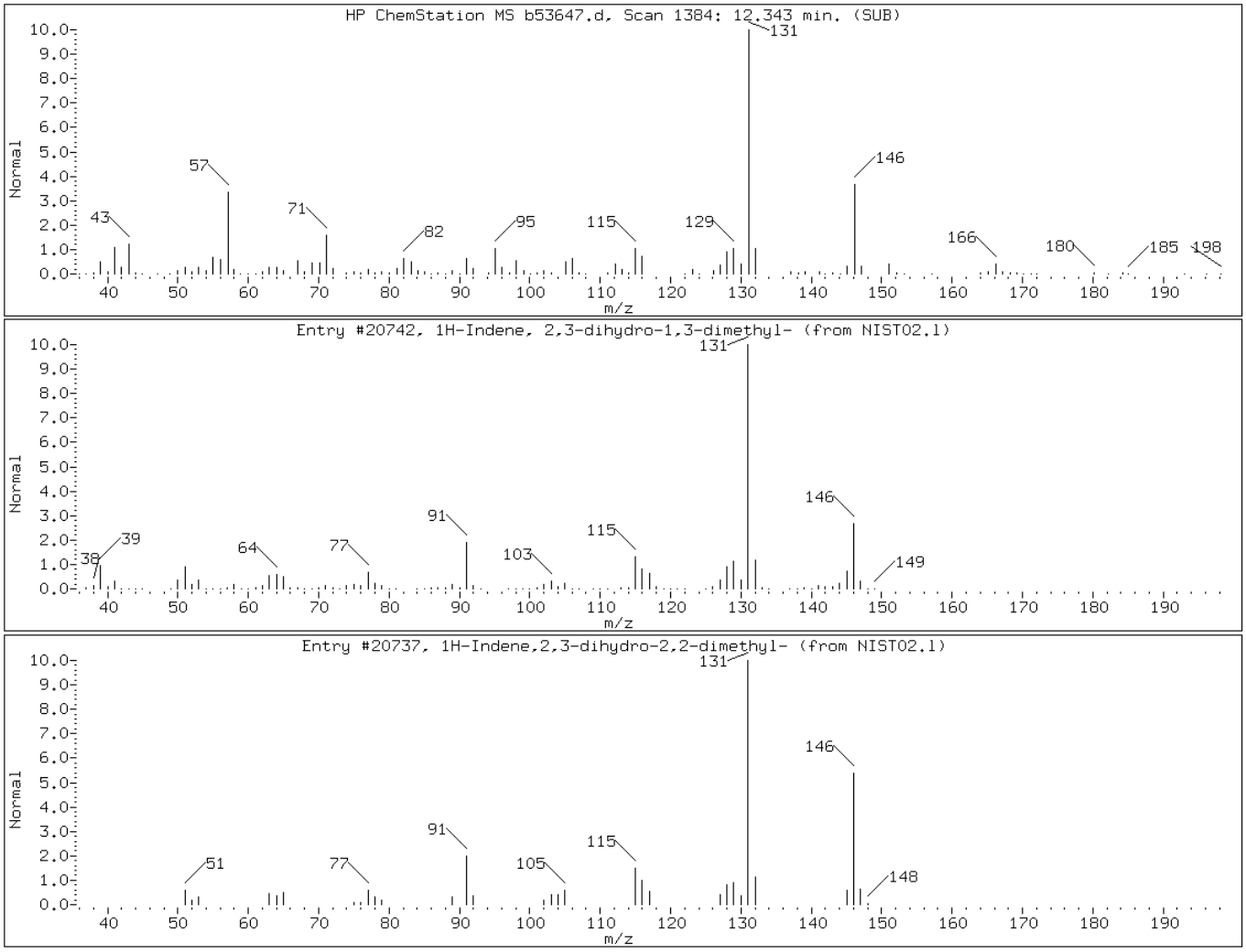
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 12.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,3-dimethy	4175-53-5	NIST02.l	20742	87	C11H14	146
1H-Indene,2,3-dihydro-2,2-dimethyl	20836-11-7	NIST02.l	20737	87	C11H14	146



Data File: b53647.d

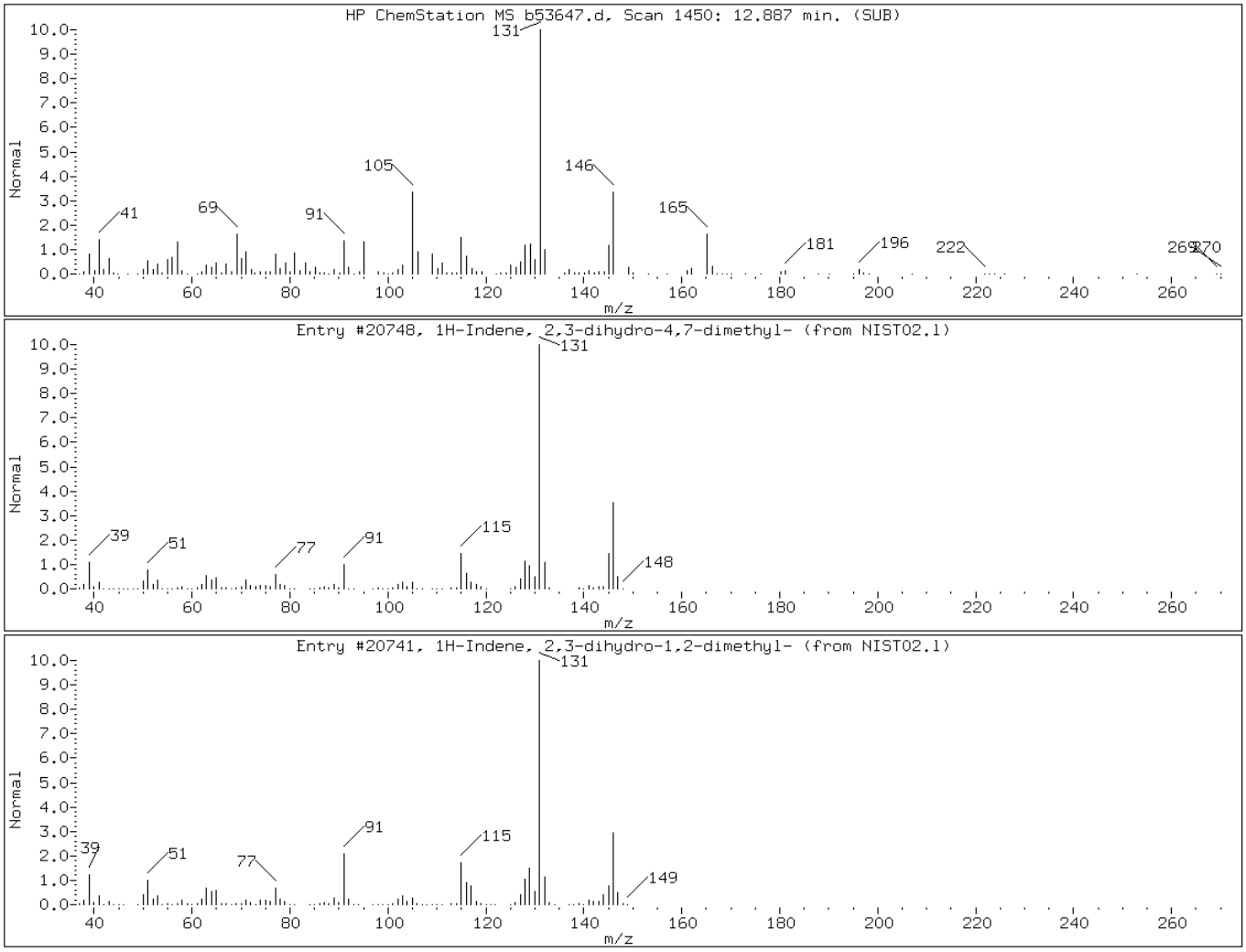
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20748	94	C11H14	146
1H-Indene, 2,3-dihydro-1,2-dimethy	17057-82-8	NIST02.l	20741	76	C11H14	146



Data File: b53647.d

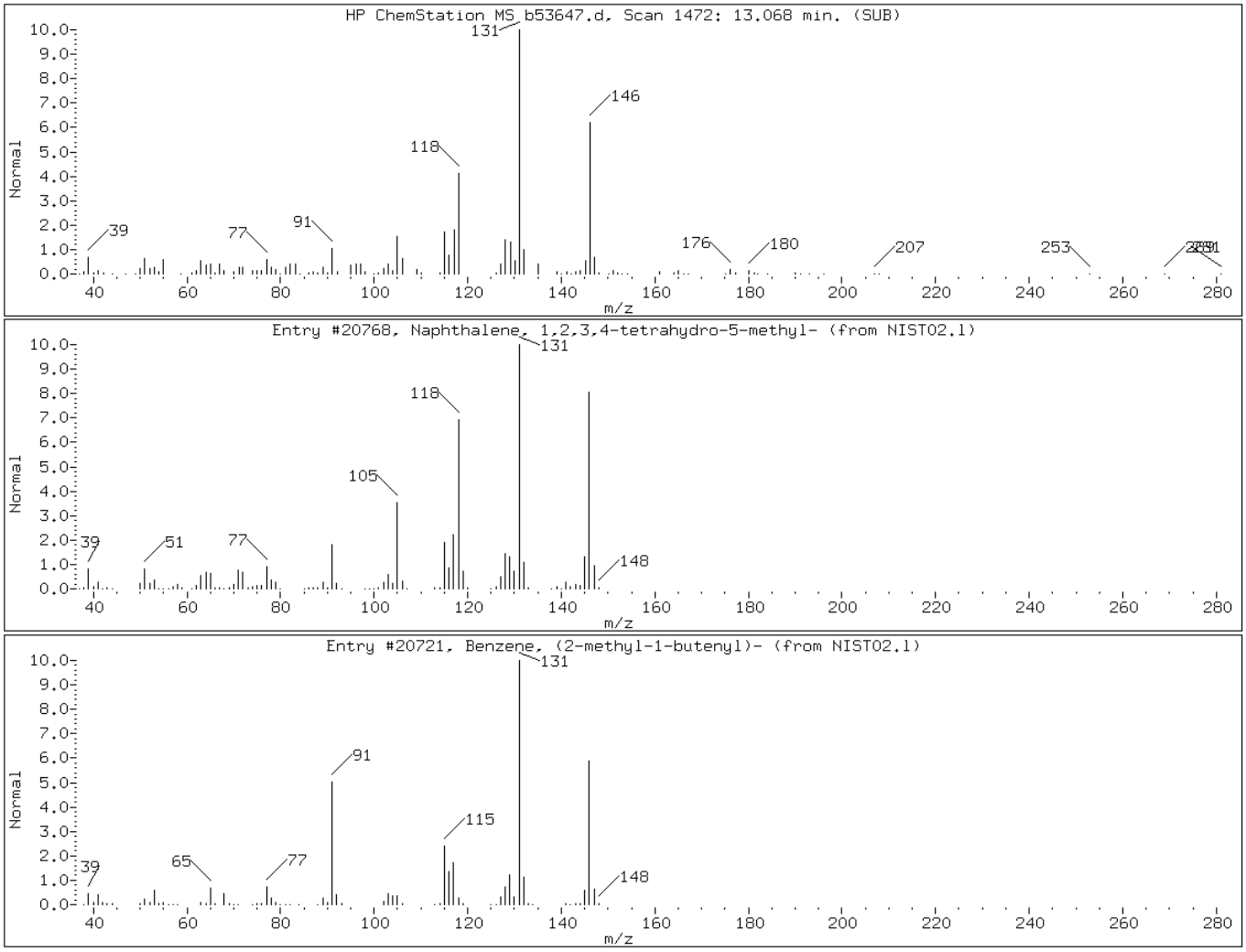
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 13.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20768	94	C11H14	146
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.l	20721	89	C11H14	146



Data File: b53647.d

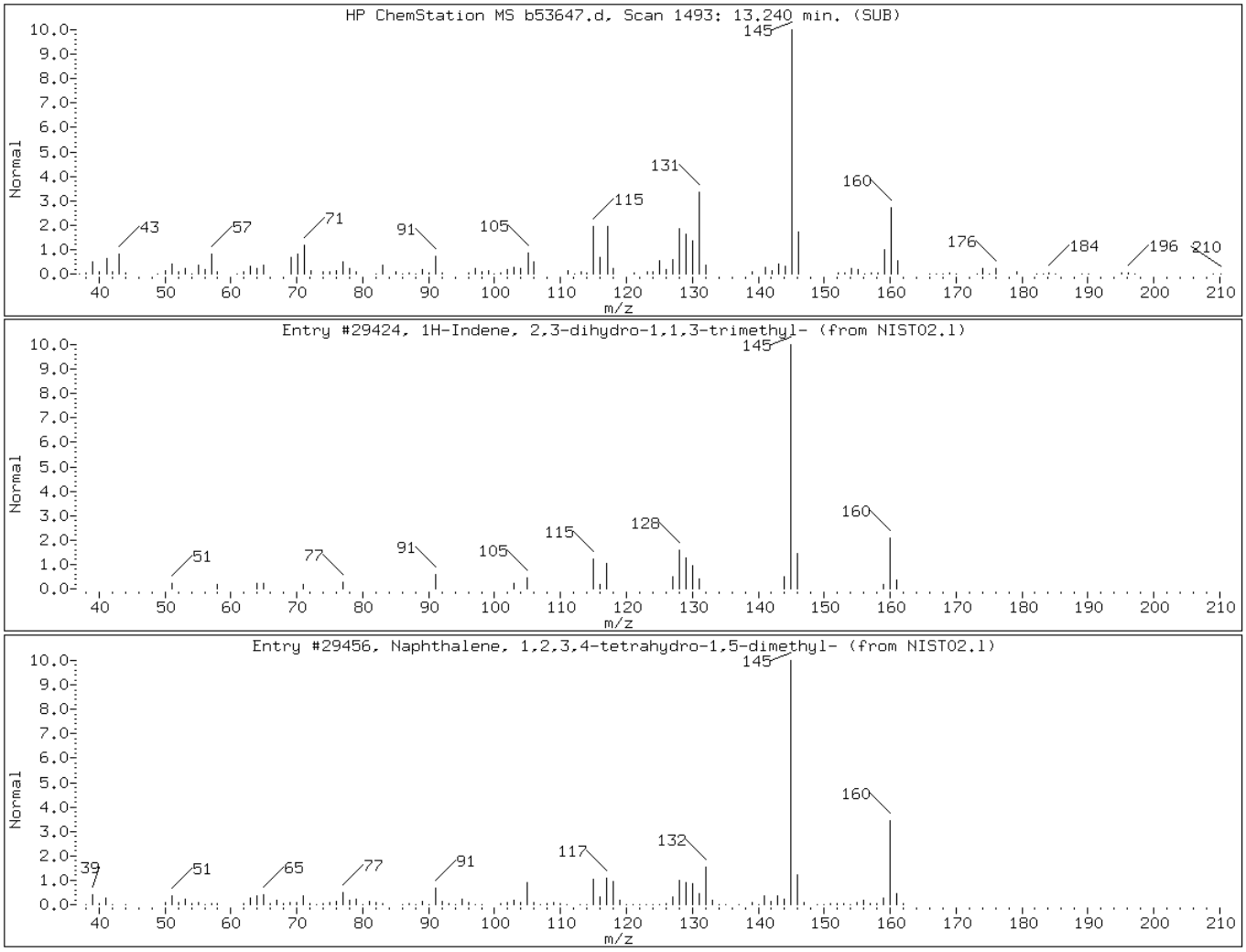
Date: 22-MAR-2013 07:17

Client ID: PMP-5-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-C-19-A;50;;5.55;5 Operator:

Retention Time: 13.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-trimethyl-1H-Indene is						
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	90	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,	21564-91-0	NIST02.l	29456	87	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD Lab Sample ID: 460-52450-20

Matrix: Solid Lab File ID: d30827.d

Analysis Method: 8260B Date Collected: 03/14/2013 13:45

Sample wt/vol: 4.18(g) Date Analyzed: 03/23/2013 05:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.16	U	1.3	0.16
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.3	0.11
79-00-5	1,1,2-Trichloroethane	0.18	U	1.3	0.18
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
75-35-4	1,1-Dichloroethene	0.24	U	1.3	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.3	0.20
120-82-1	1,2,4-Trichlorobenzene	390		1.3	0.24
96-12-8	1,2-Dibromo-3-Chloropropane	0.56	U	1.3	0.56
106-93-4	1,2-Dibromoethane	0.19	U	1.3	0.19
95-50-1	1,2-Dichlorobenzene	4.1		1.3	0.13
107-06-2	1,2-Dichloroethane	0.23	U	1.3	0.23
78-87-5	1,2-Dichloropropane	0.19	U	1.3	0.19
541-73-1	1,3-Dichlorobenzene	20		1.3	0.20
106-46-7	1,4-Dichlorobenzene	38		1.3	0.14
123-91-1	1,4-Dioxane	16	U	63	16
78-93-3	2-Butanone	0.80	U *	13	0.80
591-78-6	2-Hexanone	0.16	U	13	0.16
108-10-1	4-Methyl-2-pentanone	0.25	U	13	0.25
67-64-1	Acetone	23	B	13	2.1
71-43-2	Benzene	0.19	U	1.3	0.19
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.41	U	1.3	0.41
75-25-2	Bromoform	0.22	U	1.3	0.22
74-83-9	Bromomethane	0.55	U	1.3	0.55
75-15-0	Carbon disulfide	0.19	U	1.3	0.19
56-23-5	Carbon tetrachloride	0.19	U	1.3	0.19
108-90-7	Chlorobenzene	0.23	U	1.3	0.23
75-00-3	Chloroethane	0.42	U	1.3	0.42
67-66-3	Chloroform	49		1.3	0.30
74-87-3	Chloromethane	0.20	U	1.3	0.20
156-59-2	cis-1,2-Dichloroethene	0.27	J	1.3	0.14
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
110-82-7	Cyclohexane	0.16	U *	1.3	0.16
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
75-71-8	Dichlorodifluoromethane	0.28	U	1.3	0.28
100-41-4	Ethylbenzene	0.25	J	1.3	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD | Lab Sample ID: 460-52450-20

Matrix: Solid | Lab File ID: d30827.d

Analysis Method: 8260B | Date Collected: 03/14/2013 13:45

Sample wt/vol: 4.18(g) | Date Analyzed: 03/23/2013 05:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.14	U	1.3	0.14
98-82-8	Isopropylbenzene	0.23	J	1.3	0.14
79-20-9	Methyl acetate	0.41	U	1.3	0.41
108-87-2	Methylcyclohexane	0.99	J	1.3	0.13
75-09-2	Methylene Chloride	1.6	B	1.3	0.19
1634-04-4	MTBE	0.14	U	1.3	0.14
100-42-5	Styrene	0.36	U	1.3	0.36
127-18-4	Tetrachloroethene	3.3		1.3	0.15
108-88-3	Toluene	0.18	U	1.3	0.18
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.3	0.16
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
79-01-6	Trichloroethene	3.1		1.3	0.15
75-69-4	Trichlorofluoromethane	0.20	U	1.3	0.20
75-01-4	Vinyl chloride	0.43	U	1.3	0.43
1330-20-7	Xylenes, Total	2.7	J	3.8	0.85

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	119		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD Lab Sample ID: 460-52450-20

Matrix: Solid Lab File ID: d30827.d

Analysis Method: 8260B Date Collected: 03/14/2013 13:45

Sample wt/vol: 4.18(g) Date Analyzed: 03/23/2013 05:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 6790

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Cycloalkane	10.05	530	J
	Unknown	10.45	470	J
	Decahydromethylnaphthalene isomer	10.49	950	J
	Unknown Alkane	10.72	490	J
	Decahydrodimethylnaphthalene isomer	10.76	800	J
	Decahydrodimethylnaphthalene isomer-1	10.87	1200	J
	Decahydrodimethylnaphthalene isomer-2	11.04	790	J
	Unknown-1	11.27	460	J
	Unknown-2	11.32	460	J
	Unknown-4	12.42	640	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30827.d
Report Date: 25-Mar-2013 21:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30827.d
Lab Smp Id: 460-52450-D-20-A Client Smp ID: PMP-7-NE-VD
Inj Date : 23-MAR-2013 05:25
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-20-A;;;4.18;5
Misc Info : 460-52450-D-20-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	4.18000	Weight of sample extracted (g)
M	5.73477	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				882	0.21149	0.27(a)
	6 Methylene Chloride	84	2.469	2.457	(0.543)	3946	1.22692	1.6(H)
	7 Acetone	43	2.516	2.510	(0.553)	18702	18.0158	23
	13 cis-1,2-Dichloroethene	96	3.446	3.440	(0.757)	882	0.21149	0.27(a)
	15 Chloroform	83	3.681	3.675	(0.809)	249311	38.8847	49
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	83945	48.2672	61
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	418395	50.0000	
	126 Methyl cyclohexane	83	4.699	4.687	(1.032)	6422	0.78174	0.99(a)
	25 Trichloroethene	95	4.710	4.710	(1.035)	9617	2.42777	3.1(H)
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	274690	48.9612	62
	118 Epichlorohydrin	57	6.381	6.328	(1.402)	441	2.57234	3.3(a)
	35 Tetrachloroethene	166	6.740	6.734	(0.854)	10828	2.56261	3.2
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	219217	50.0000	
	40 Ethylbenzene	106	7.957	7.957	(1.008)	931	0.19581	0.25(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30827.d
Report Date: 25-Mar-2013 21:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	43 m+p-Xylene	106	8.098	8.098	(1.026)	4439	0.76432	0.97(a)
	44 o-Xylene	106	8.469	8.469	(1.073)	7532	1.37787	1.7
	110 Isopropylbenzene	105	8.739	8.745	(1.107)	2862	0.18409	0.23(a)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	86384	59.3433	75
	112 n-Propylbenzene	91	9.081	9.081	(0.925)	5653	0.53745	0.68(a)
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	70385	50.0000	
	68 1,4-Dichlorobenzene	146	9.828	9.828	(1.001)	129218	30.0615	38(H)
	67 1,3-Dichlorobenzene	146	9.757	9.757	(0.994)	70417	16.0405	20
	69 1,2-Dichlorobenzene	146	10.128	10.128	(1.032)	12948	3.26448	4.1
	93 1,2,4-Trichlorobenzene	180	11.180	11.180	(1.139)	976161	309.111	390
	70 Naphthalene	128	11.410	11.410	(1.162)	89360	18.2345	23
M	45 Xylene (Total)	100				11971	2.10243	2.7(a)

QC Flag Legend

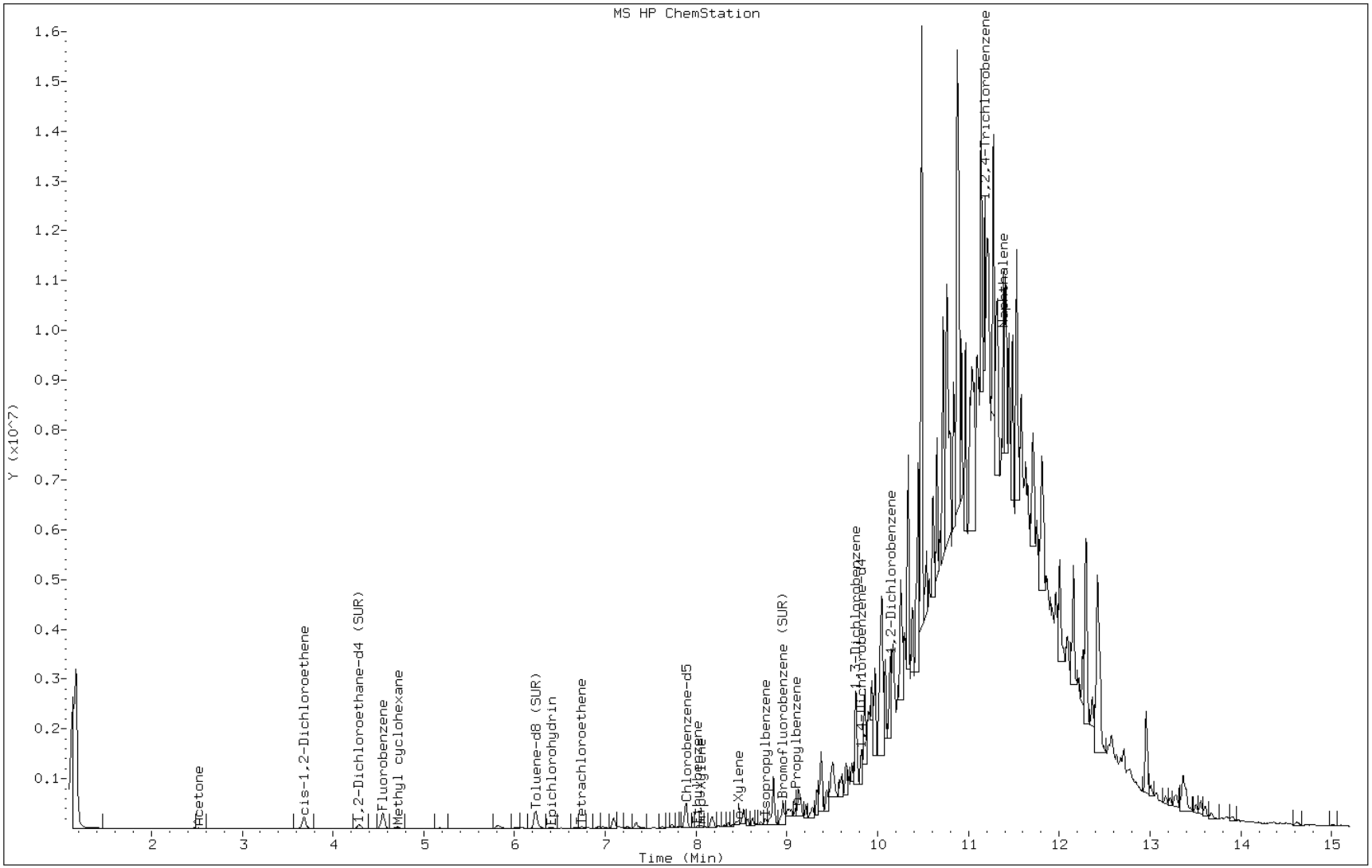
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9



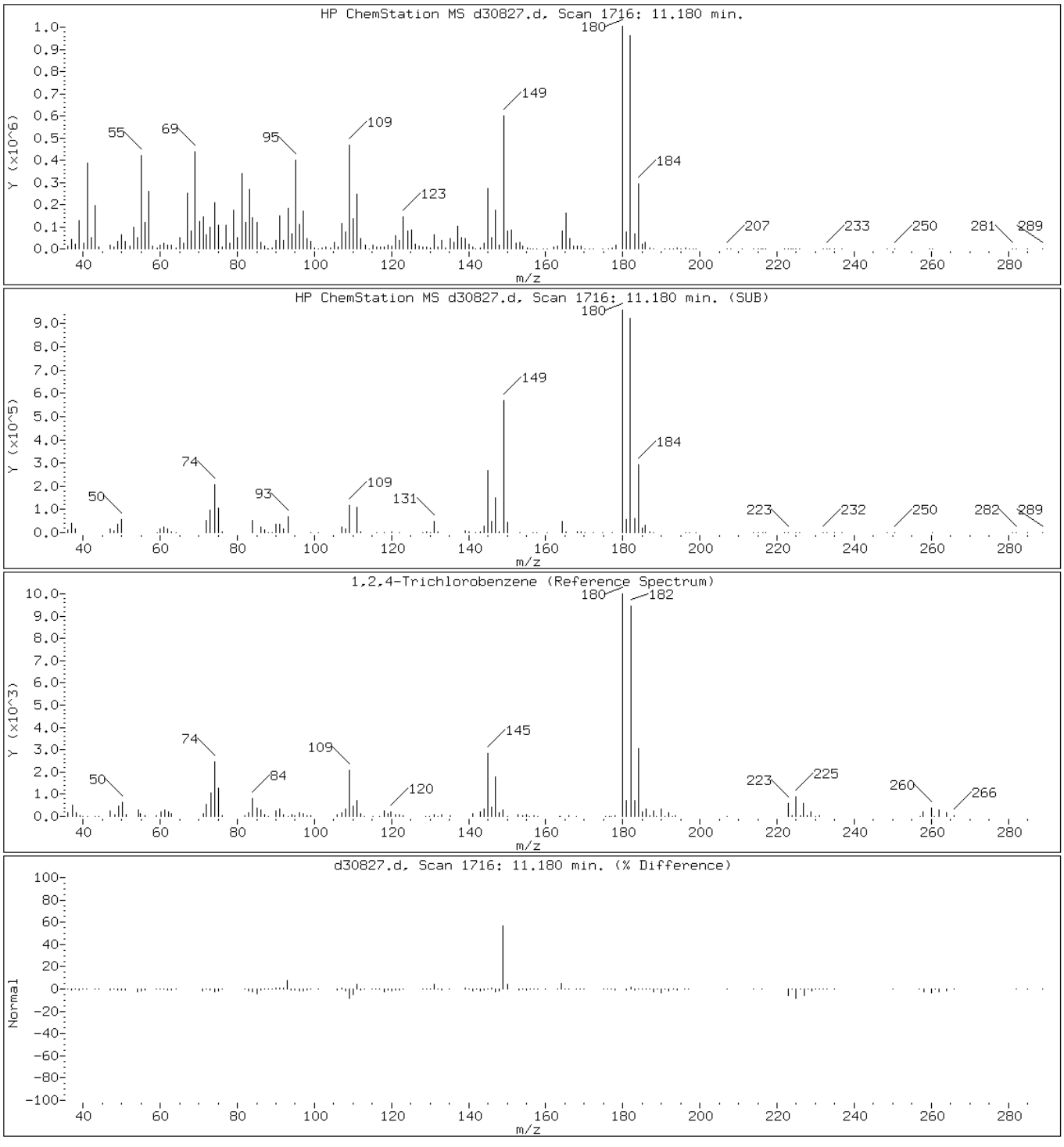
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



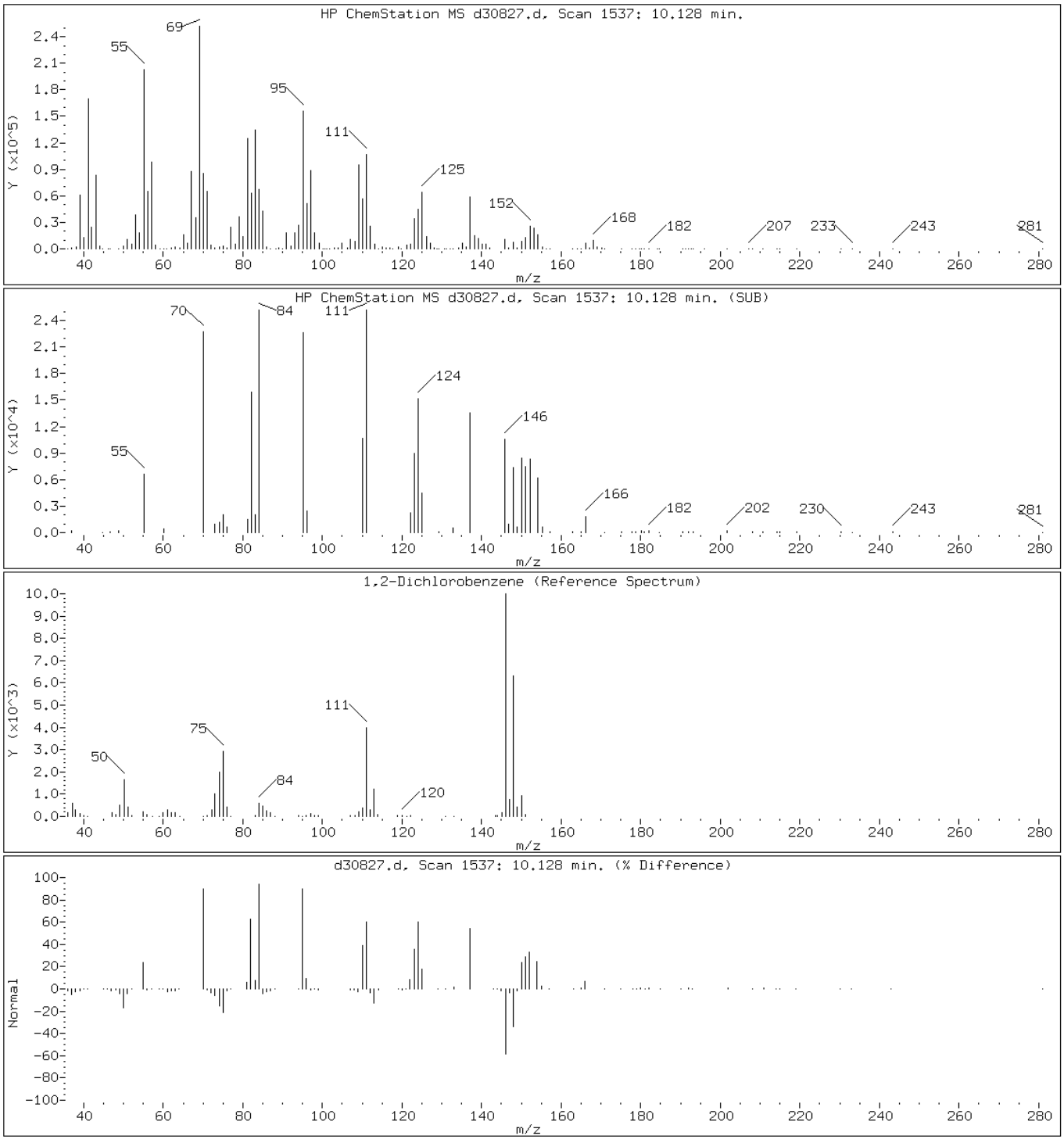
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



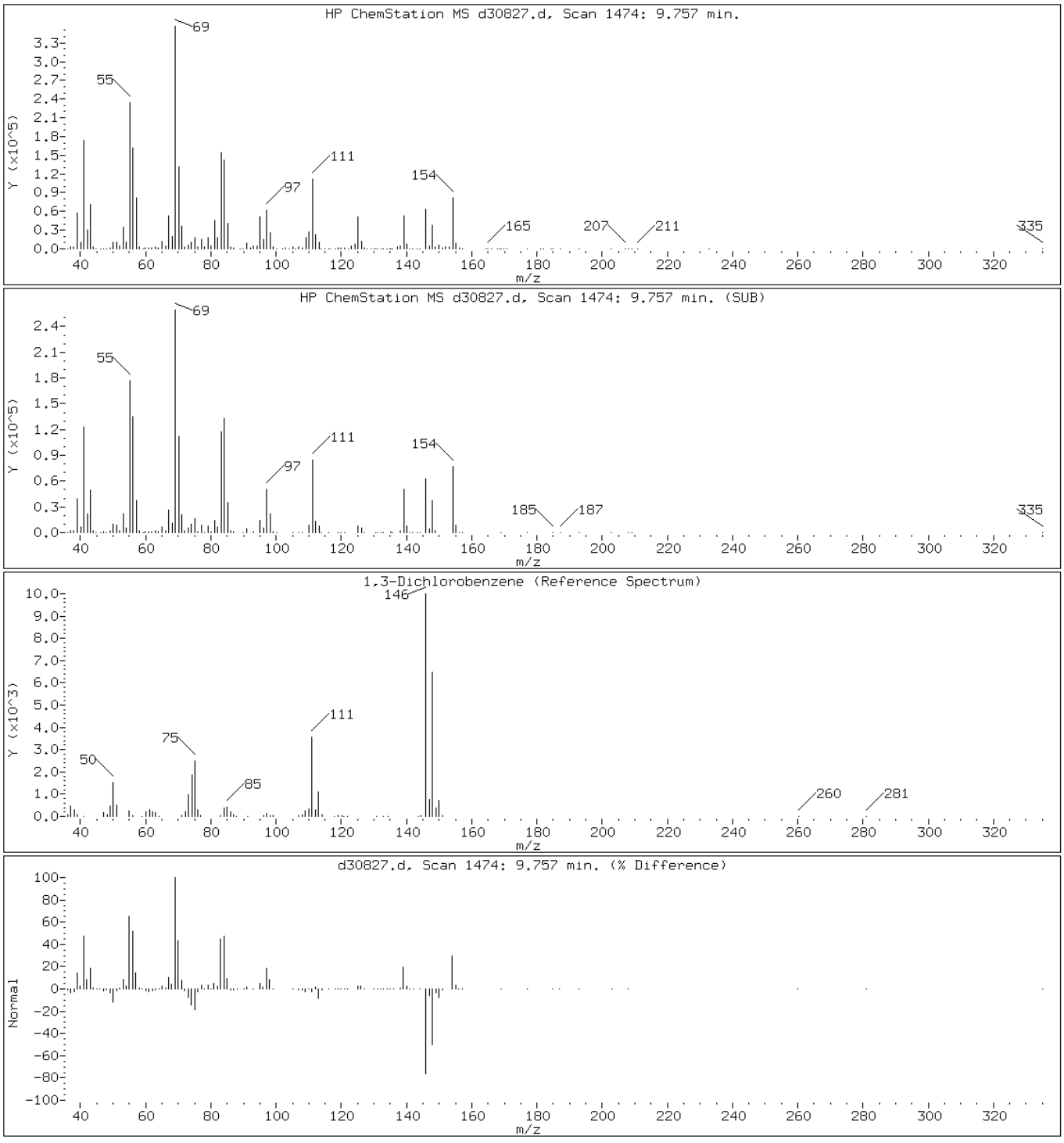
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



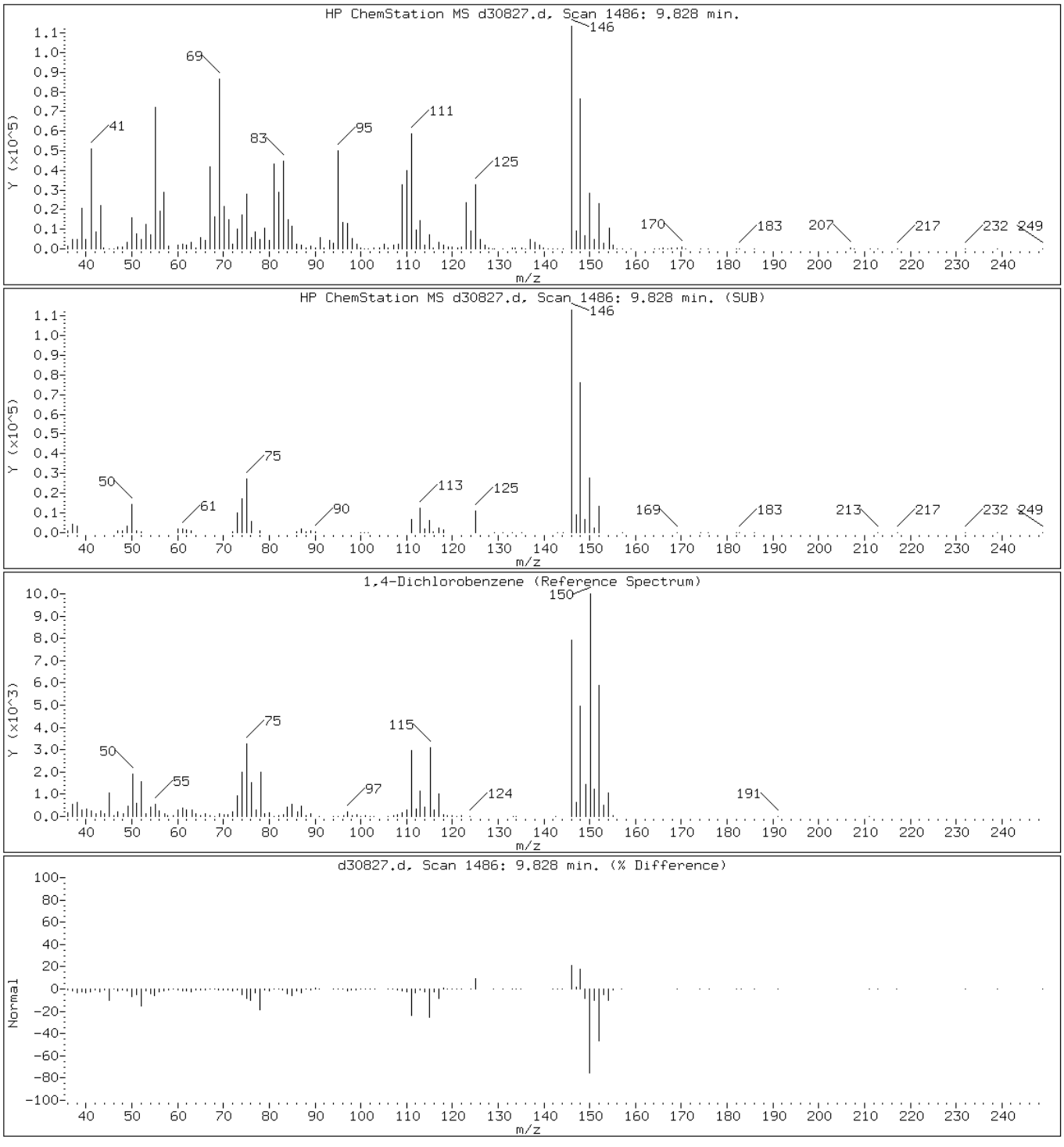
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



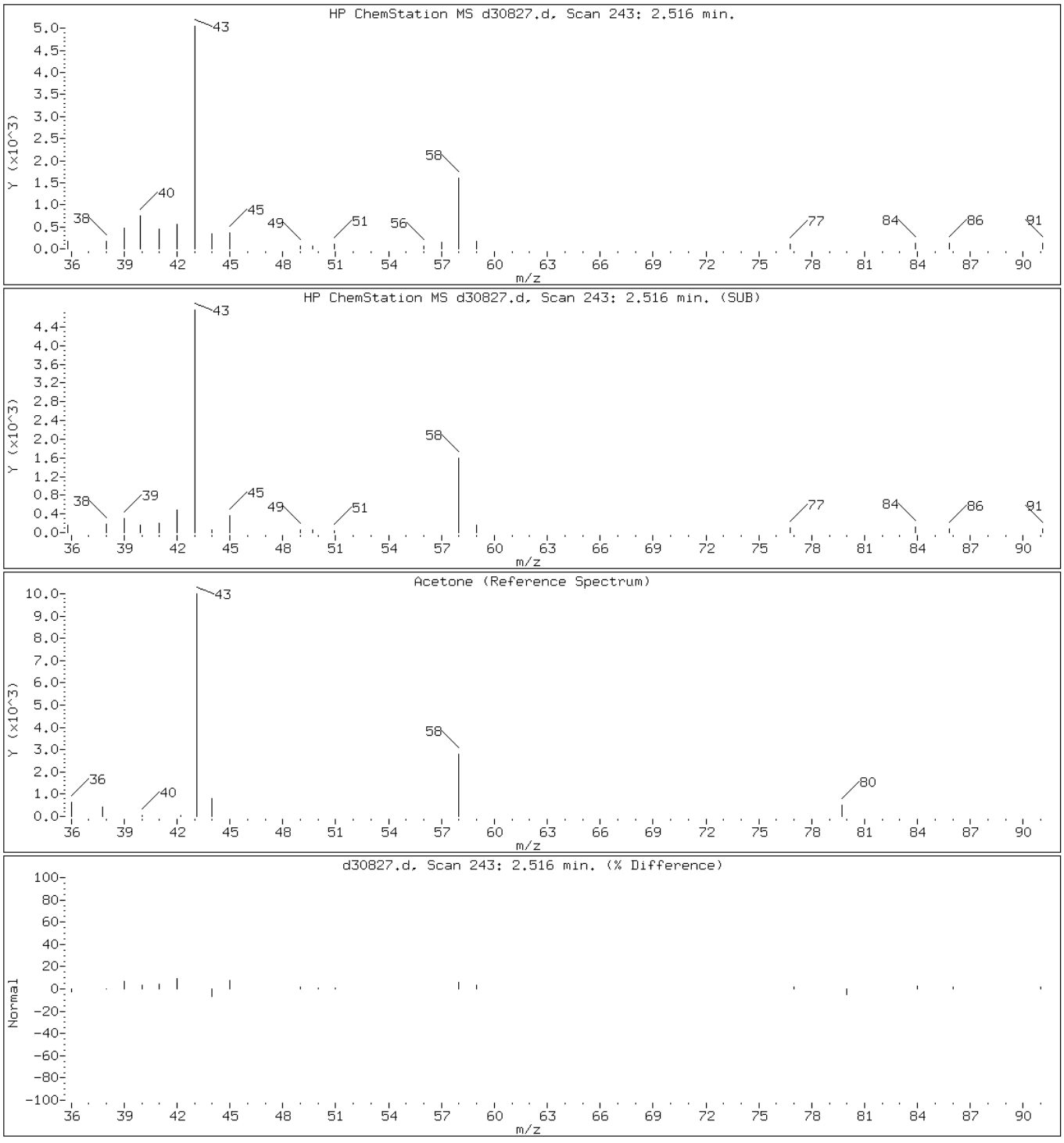
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

7 Acetone



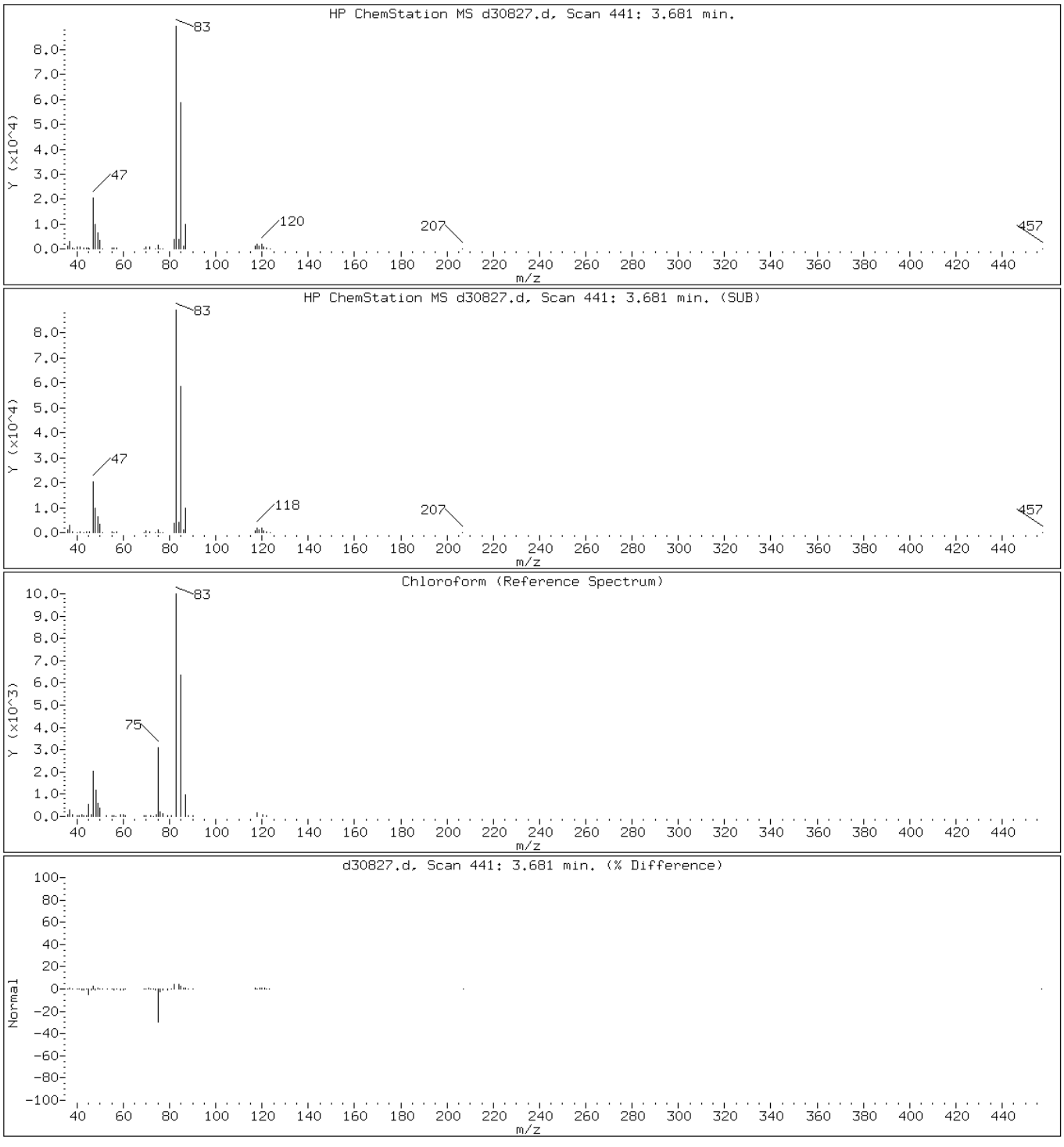
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

15 Chloroform



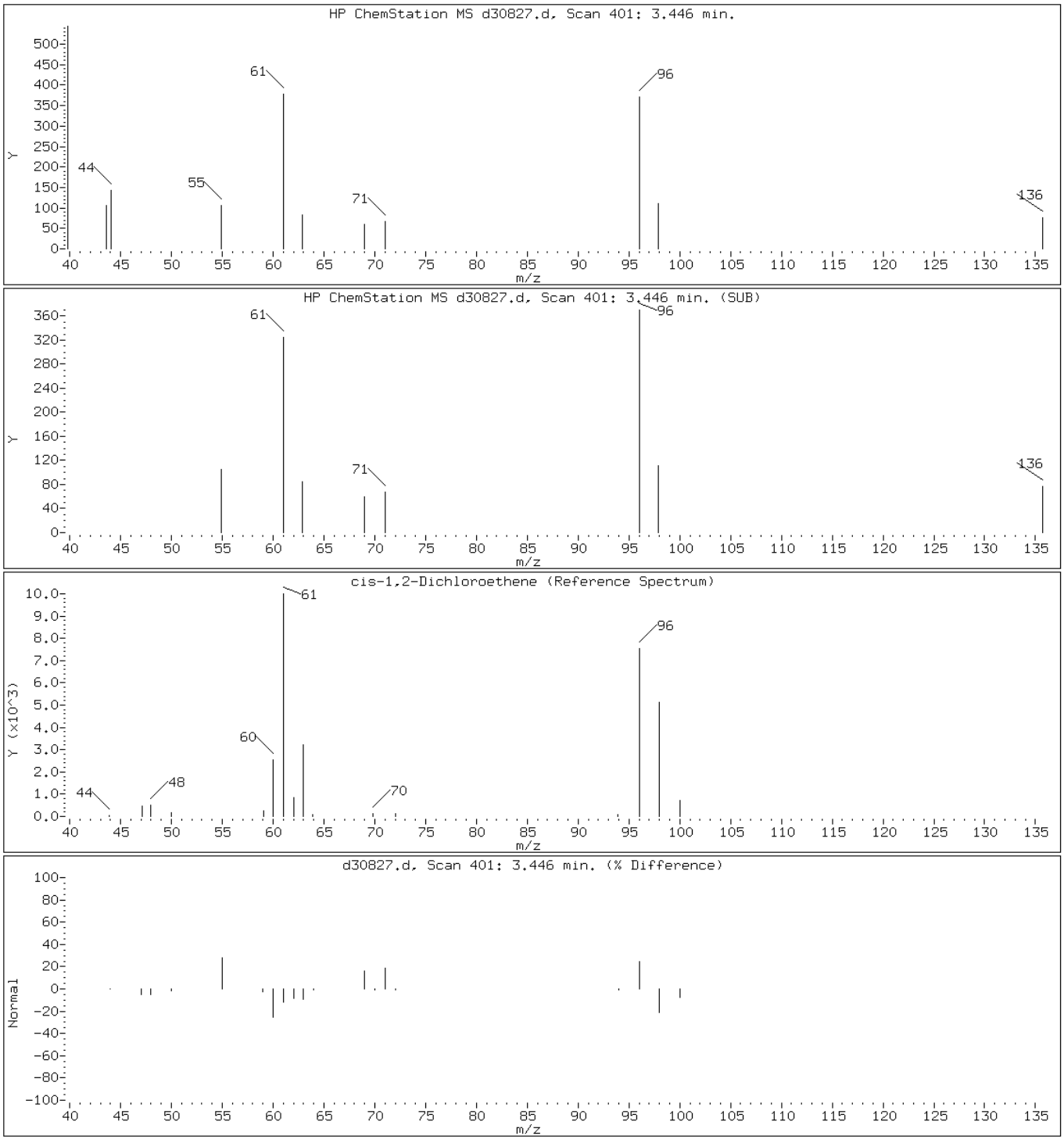
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



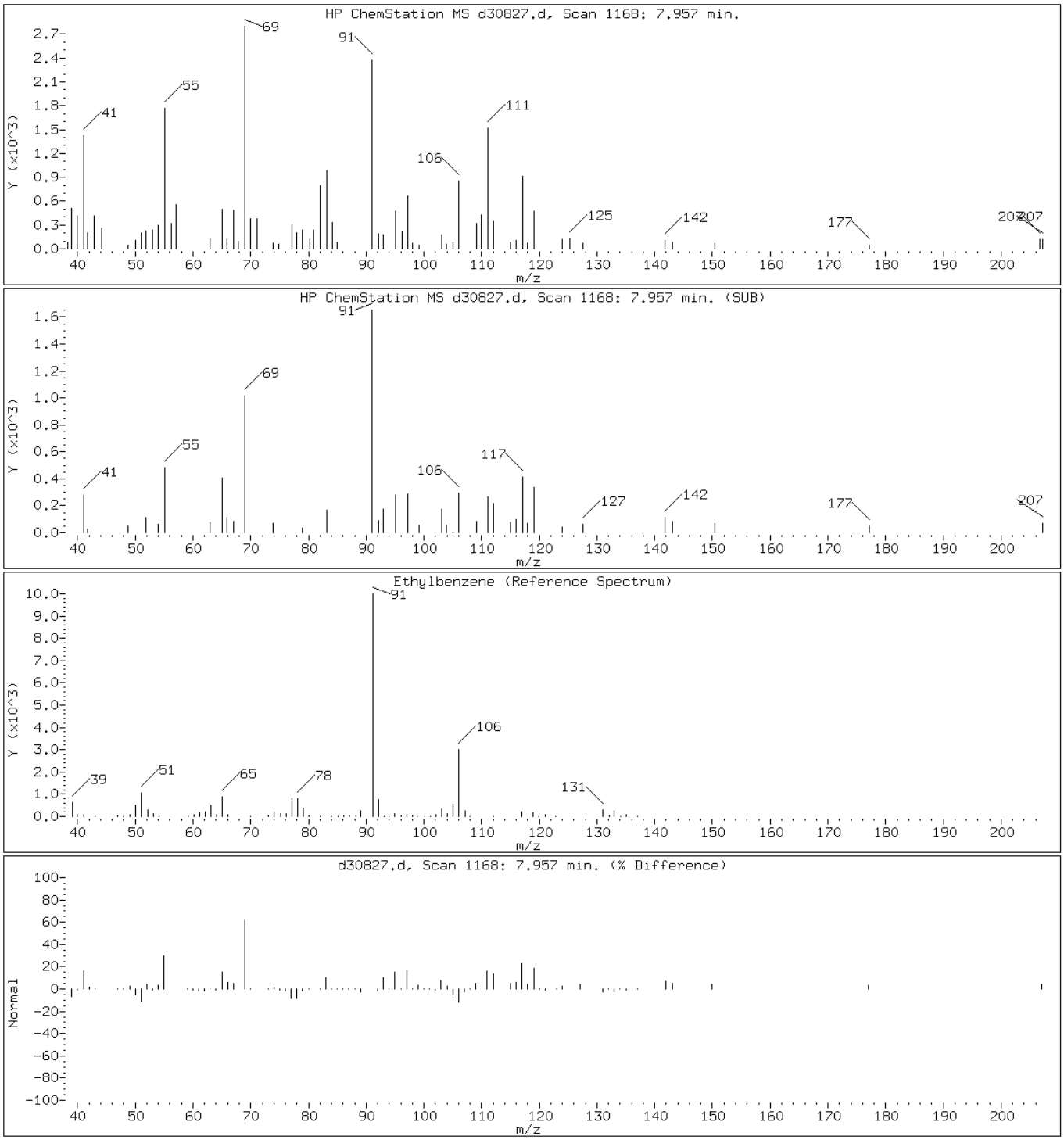
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

40 Ethylbenzene



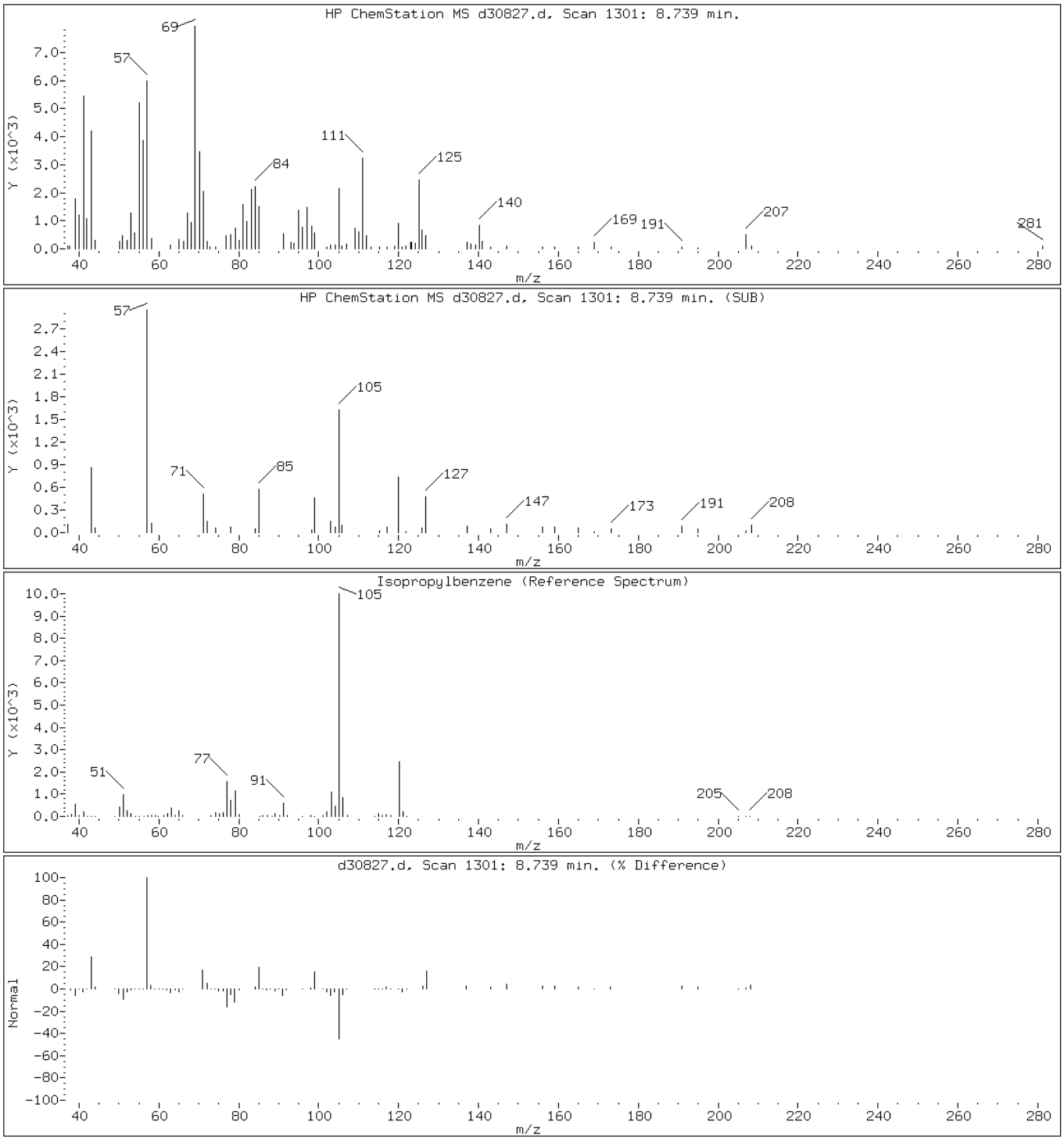
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

110 Isopropylbenzene



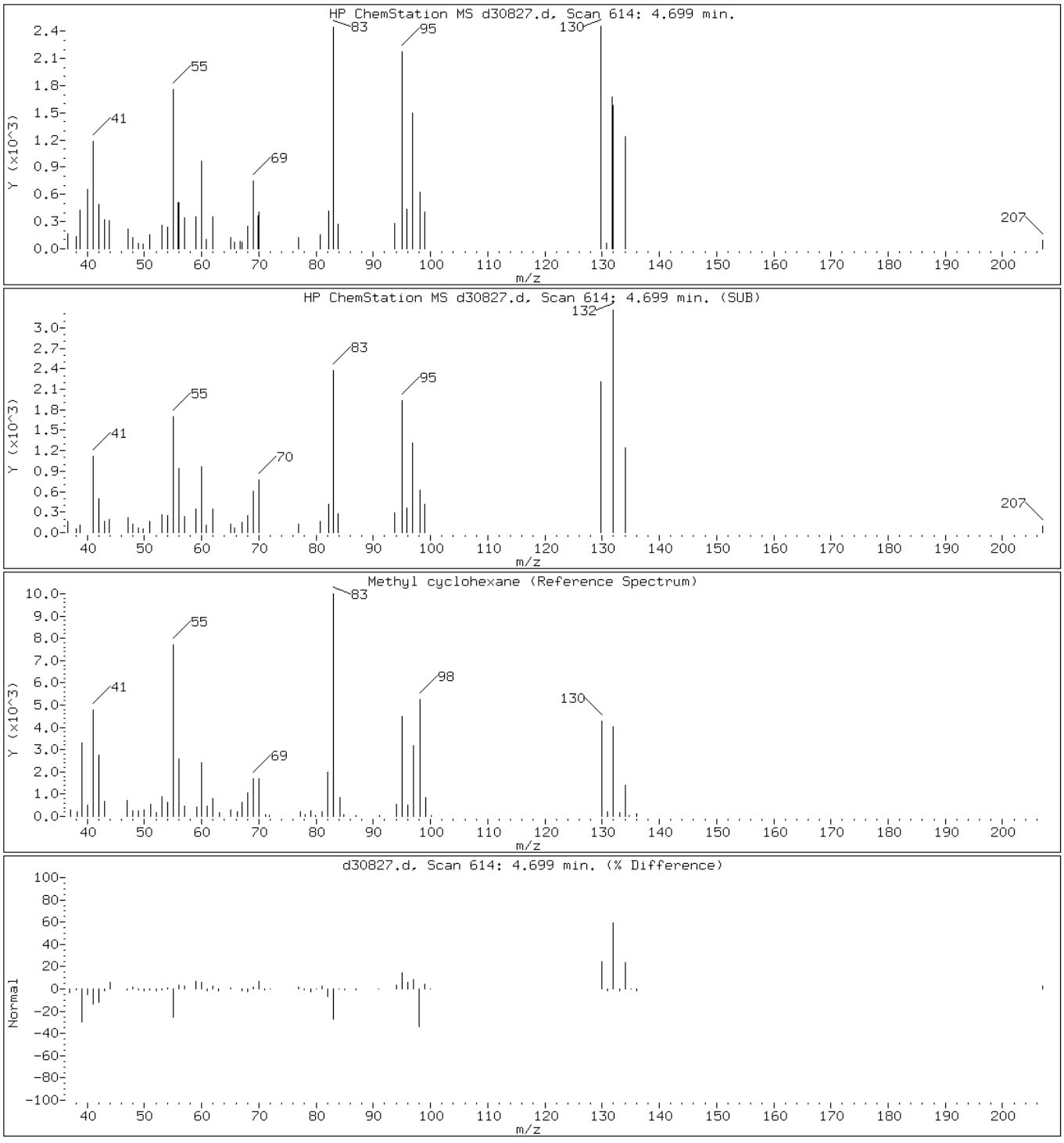
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

126 Methyl cyclohexane



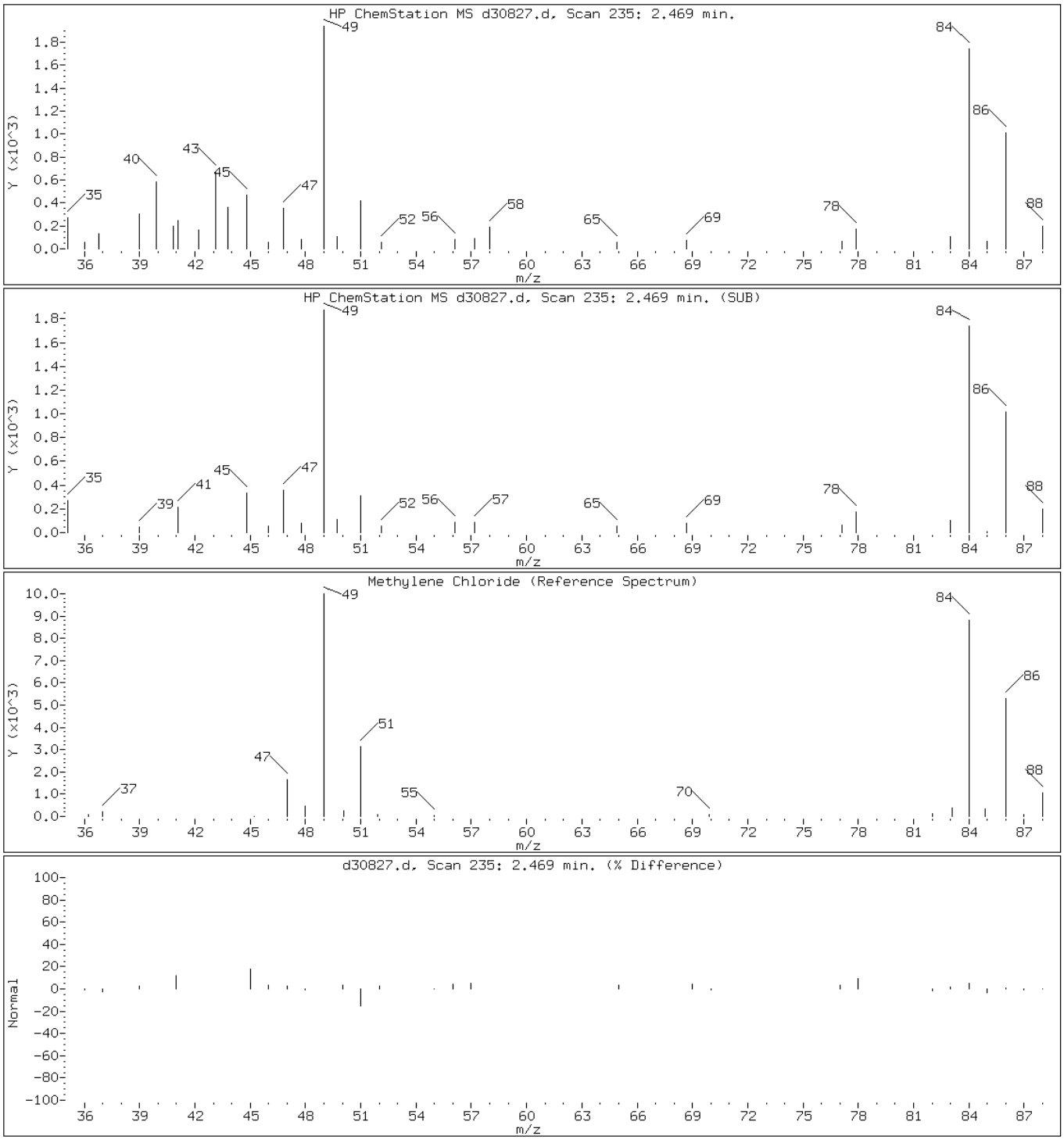
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

6 Methylene Chloride



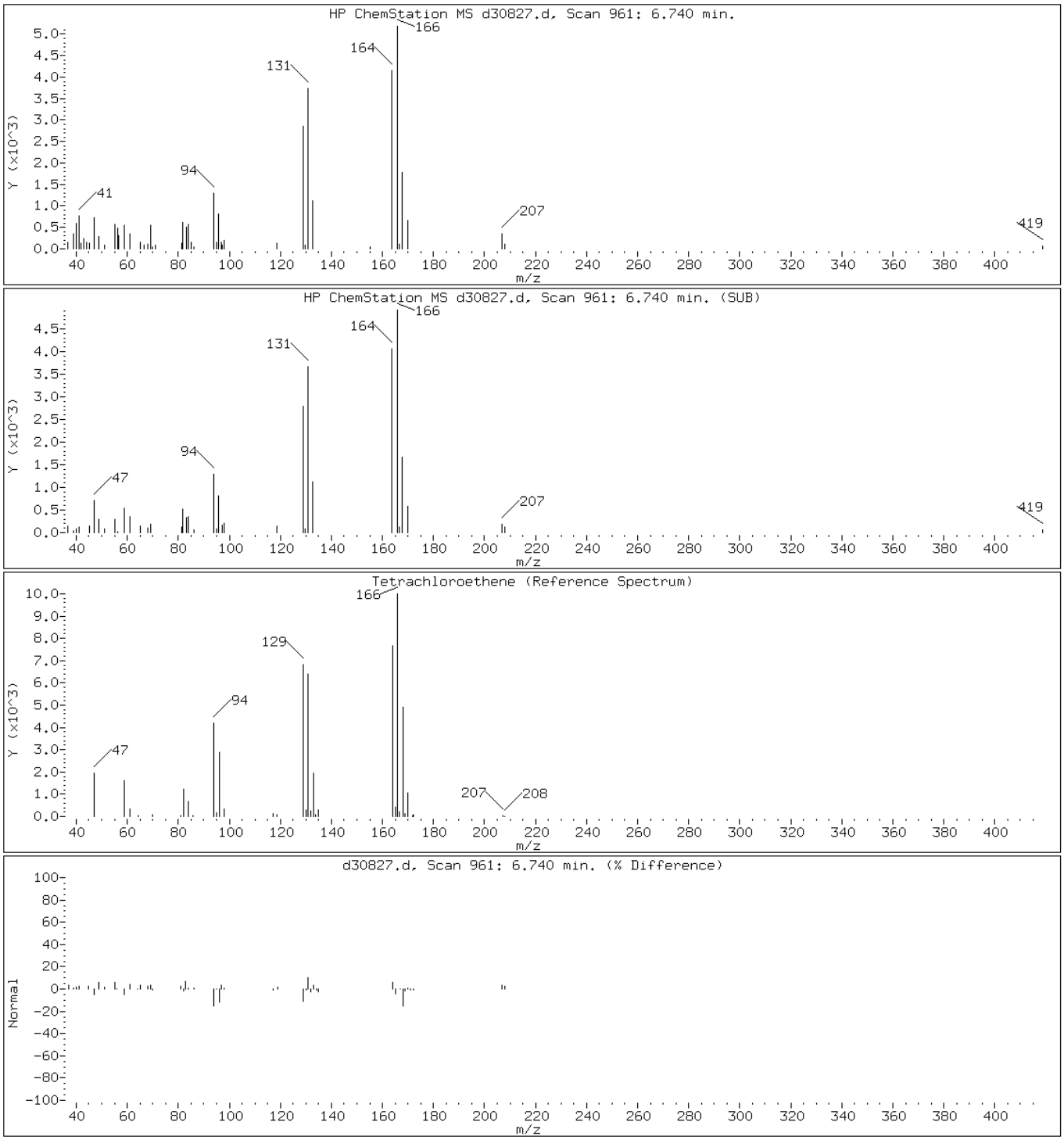
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

35 Tetrachloroethene



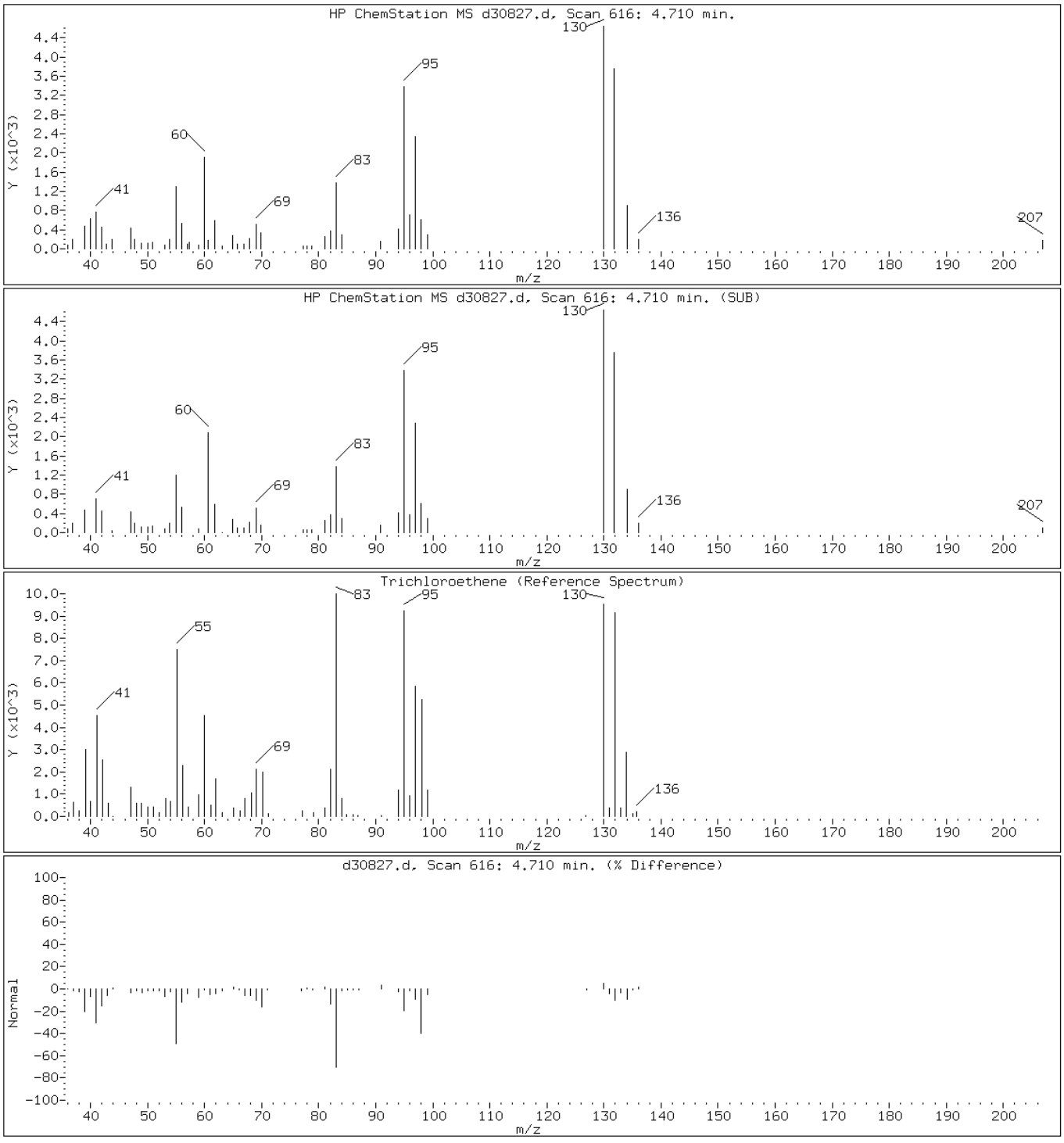
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

25 Trichloroethene



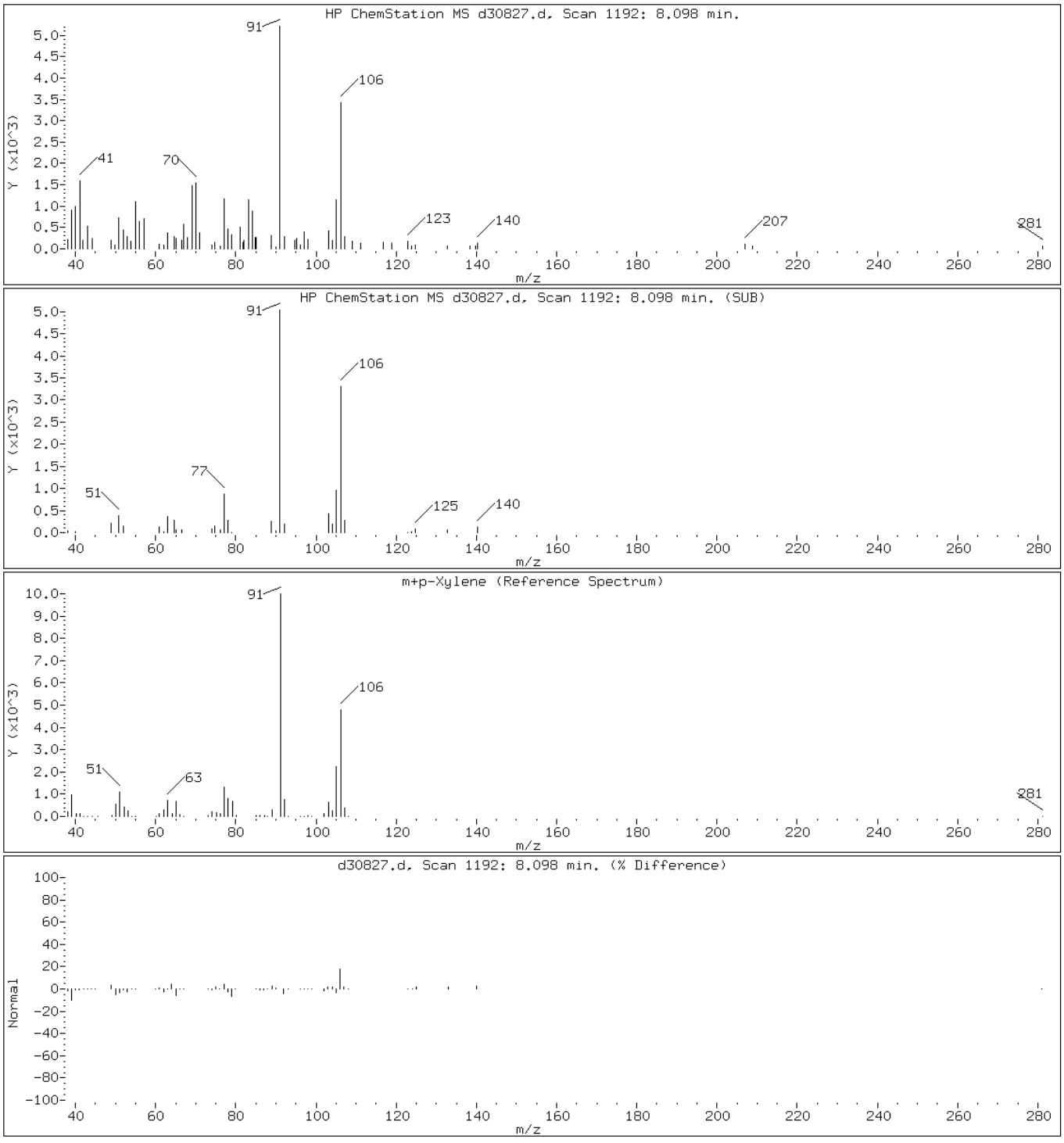
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

43 m+p-Xylene



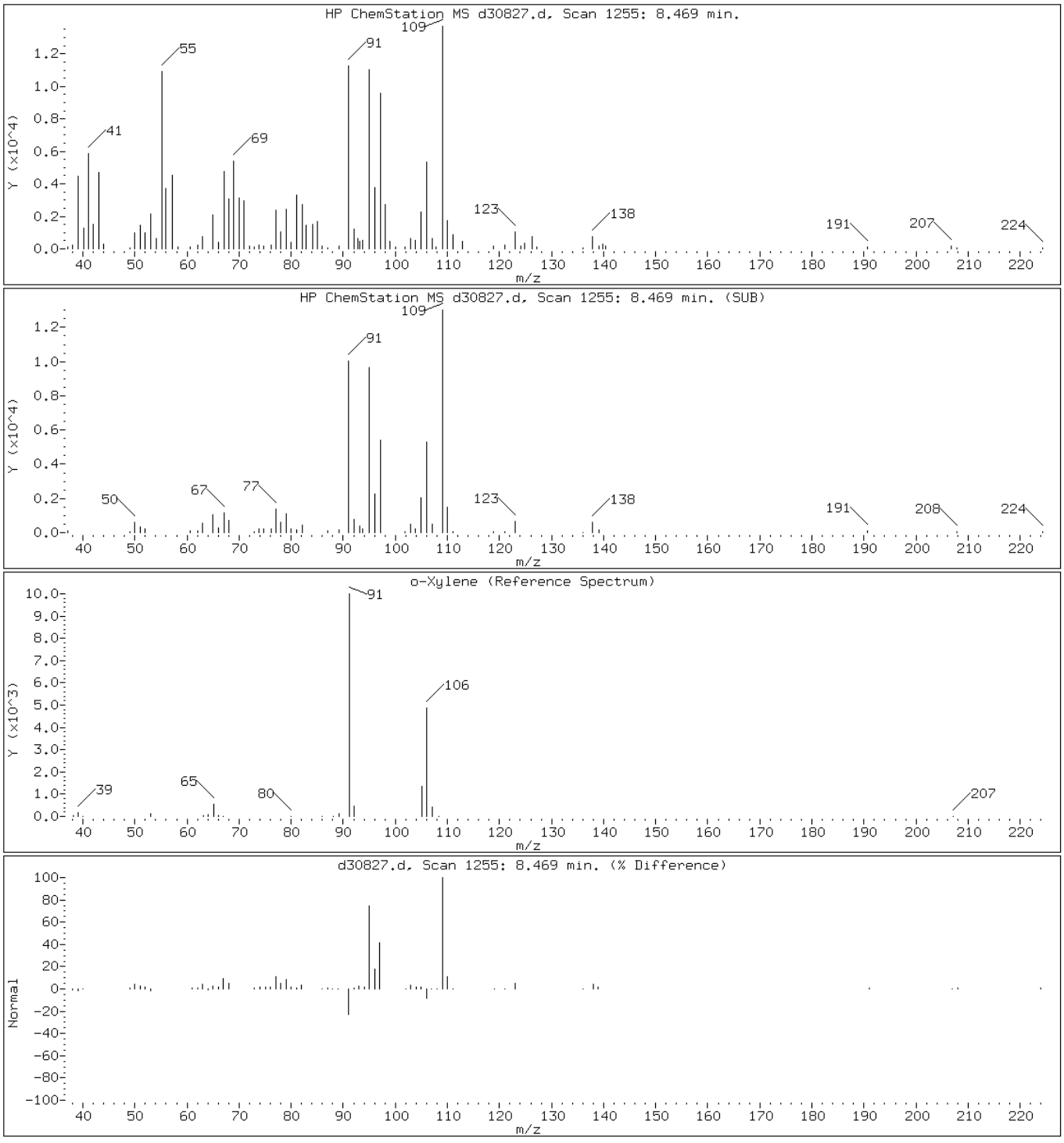
Data File: d30827.d

Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

44 o-Xylene



Data File: d30827.d

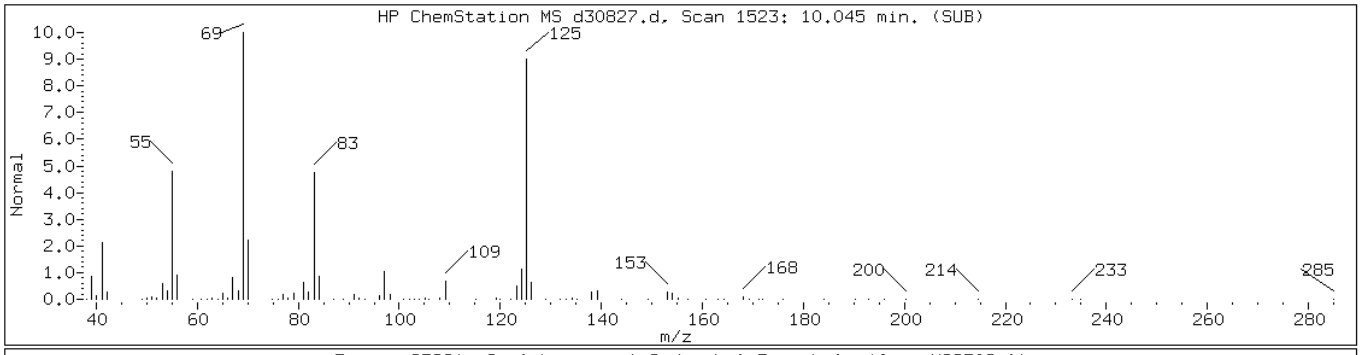
Date: 23-MAR-2013 05:25

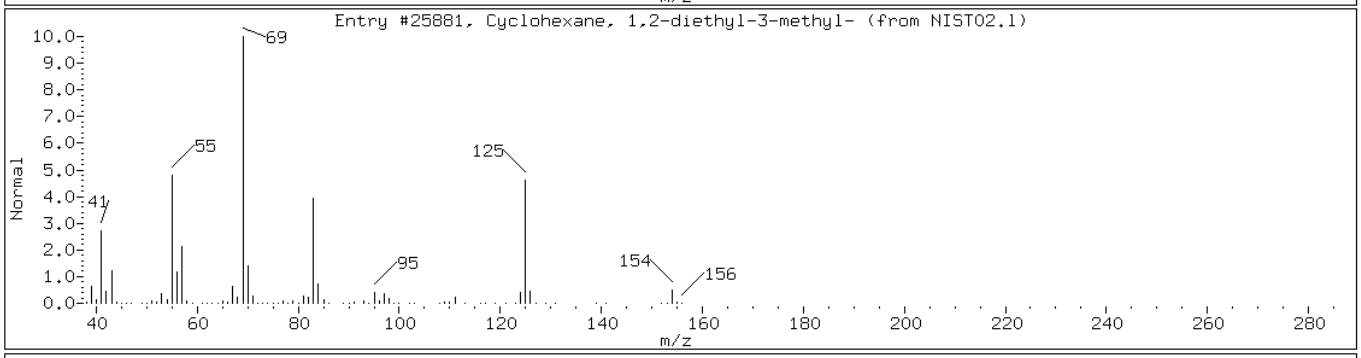
Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

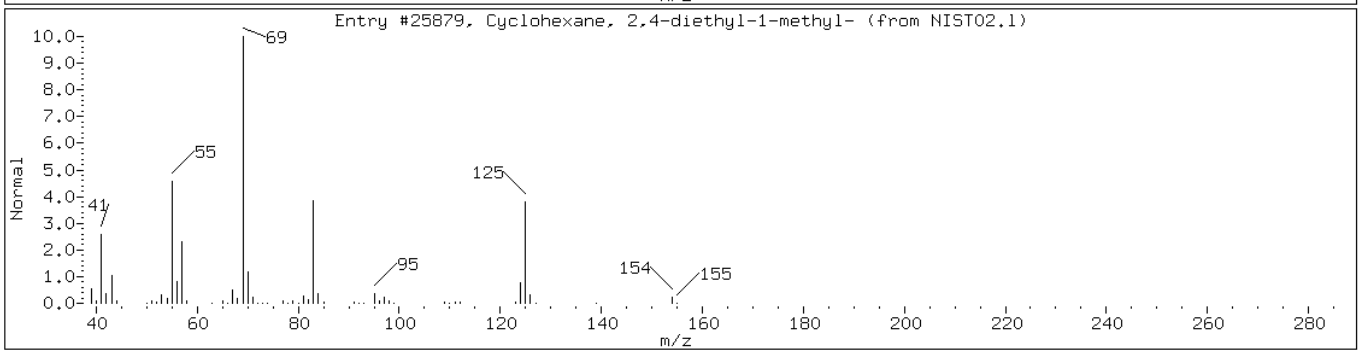
Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 10.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 1,2-diethyl-3-methyl-	61141-80-8	NIST02.l	25881	64	C11H22	154
Cyclohexane, 2,4-diethyl-1-methyl-	61142-70-9	NIST02.l	25879	58	C11H22	154







Data File: d30827.d

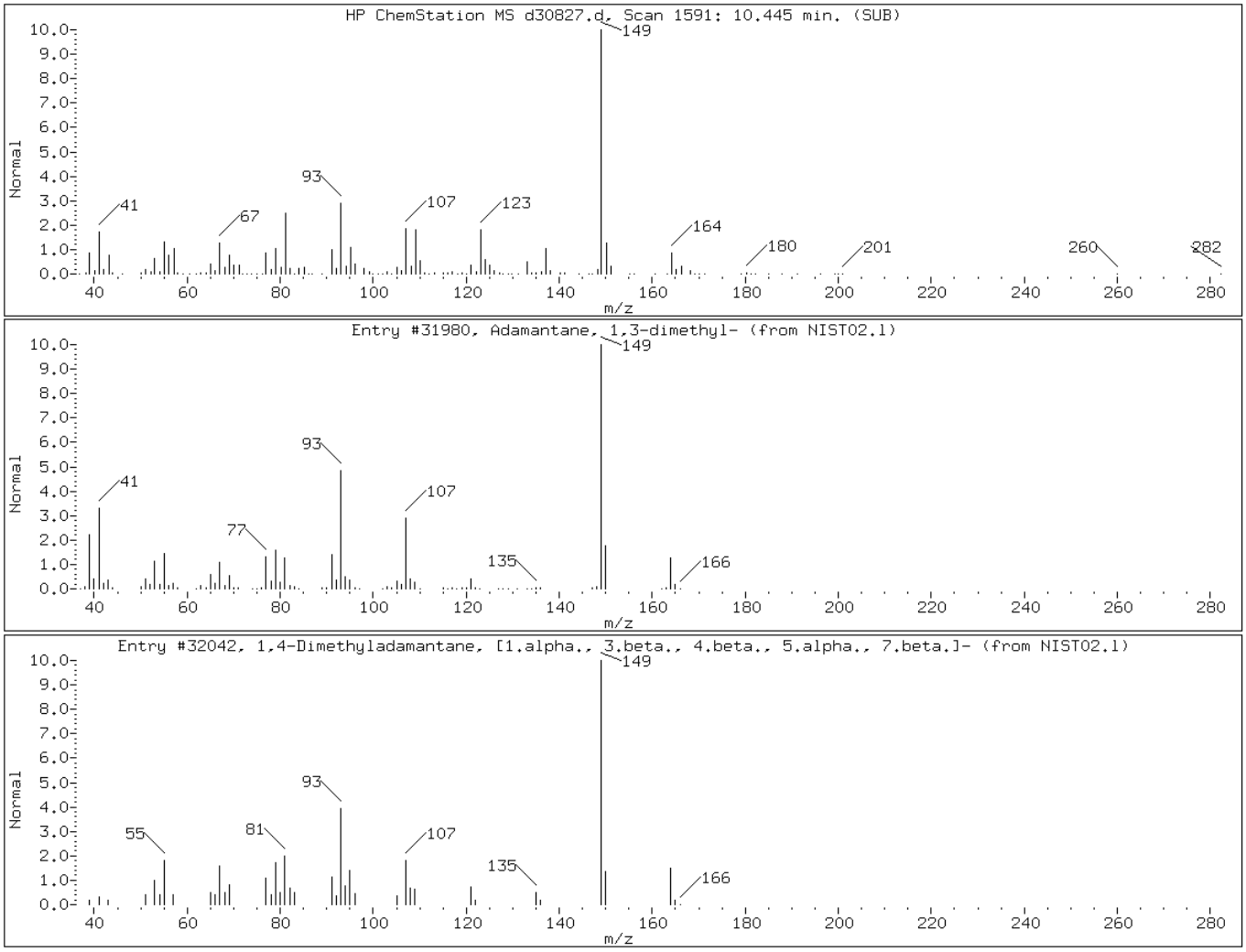
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 10.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Adamantane, 1,3-dimethyl-	702-79-4	NIST02.l	31980	86	C12H20	164
1,4-Dimethyladamantane, [1.alpha.,	24145-88-8	NIST02.l	32042	72	C12H20	164



Data File: d30827.d

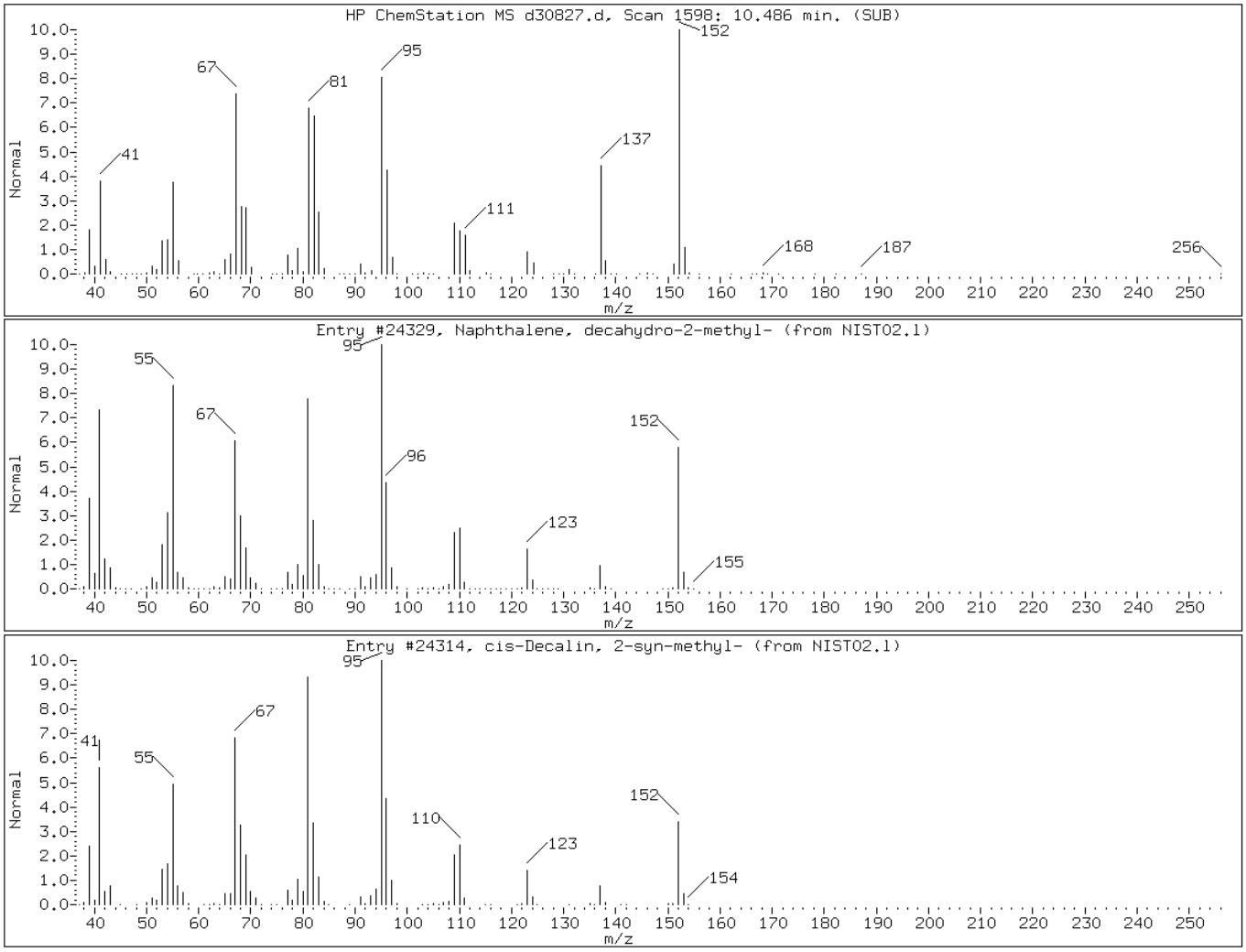
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 10.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24329	81	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	76	C11H20	152



Data File: d30827.d

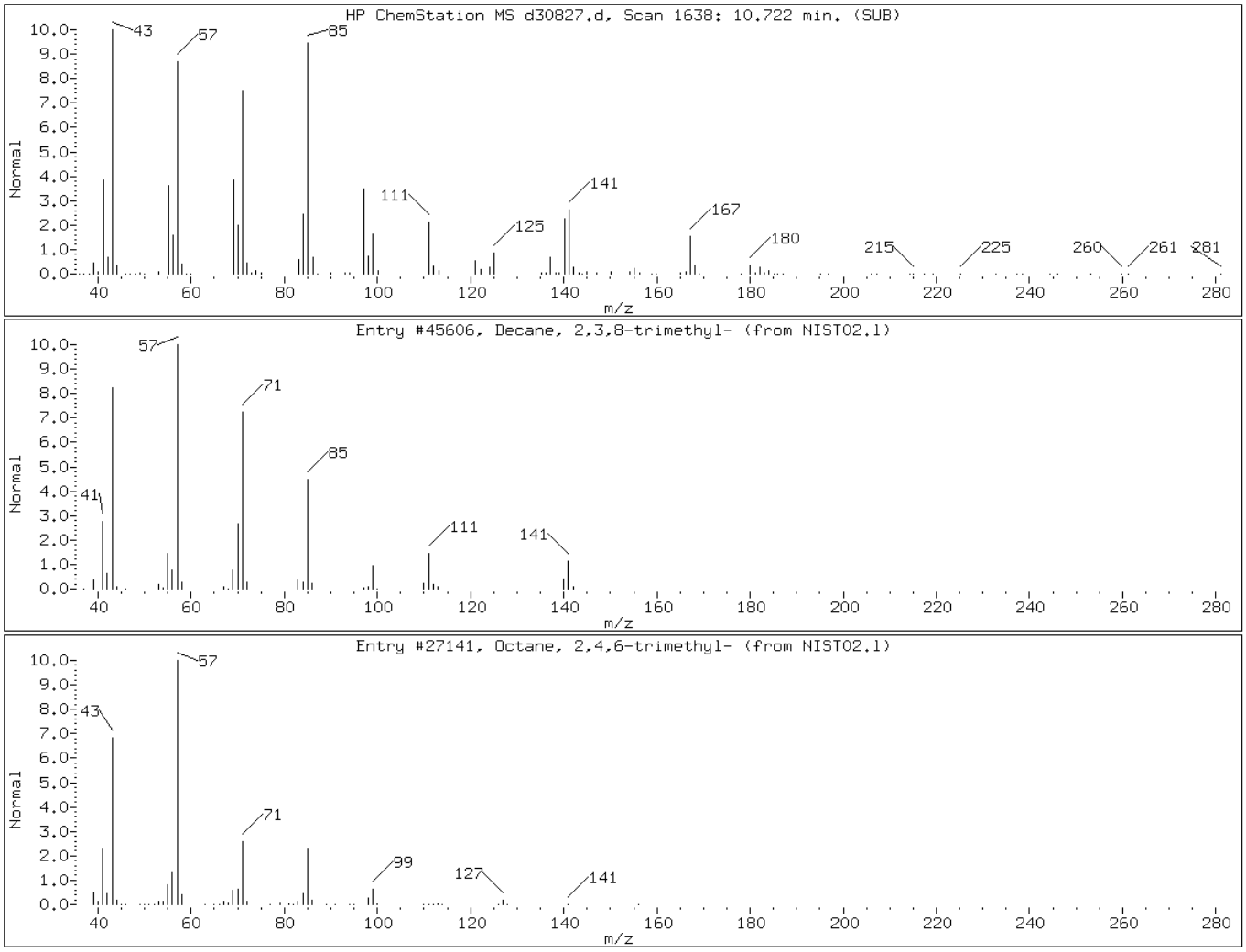
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 10.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Decane, 2,3,8-trimethyl-	62238-14-6	NIST02.l	45606	50	C13H28	184
Octane, 2,4,6-trimethyl-	62016-37-9	NIST02.l	27141	50	C11H24	156



Data File: d30827.d

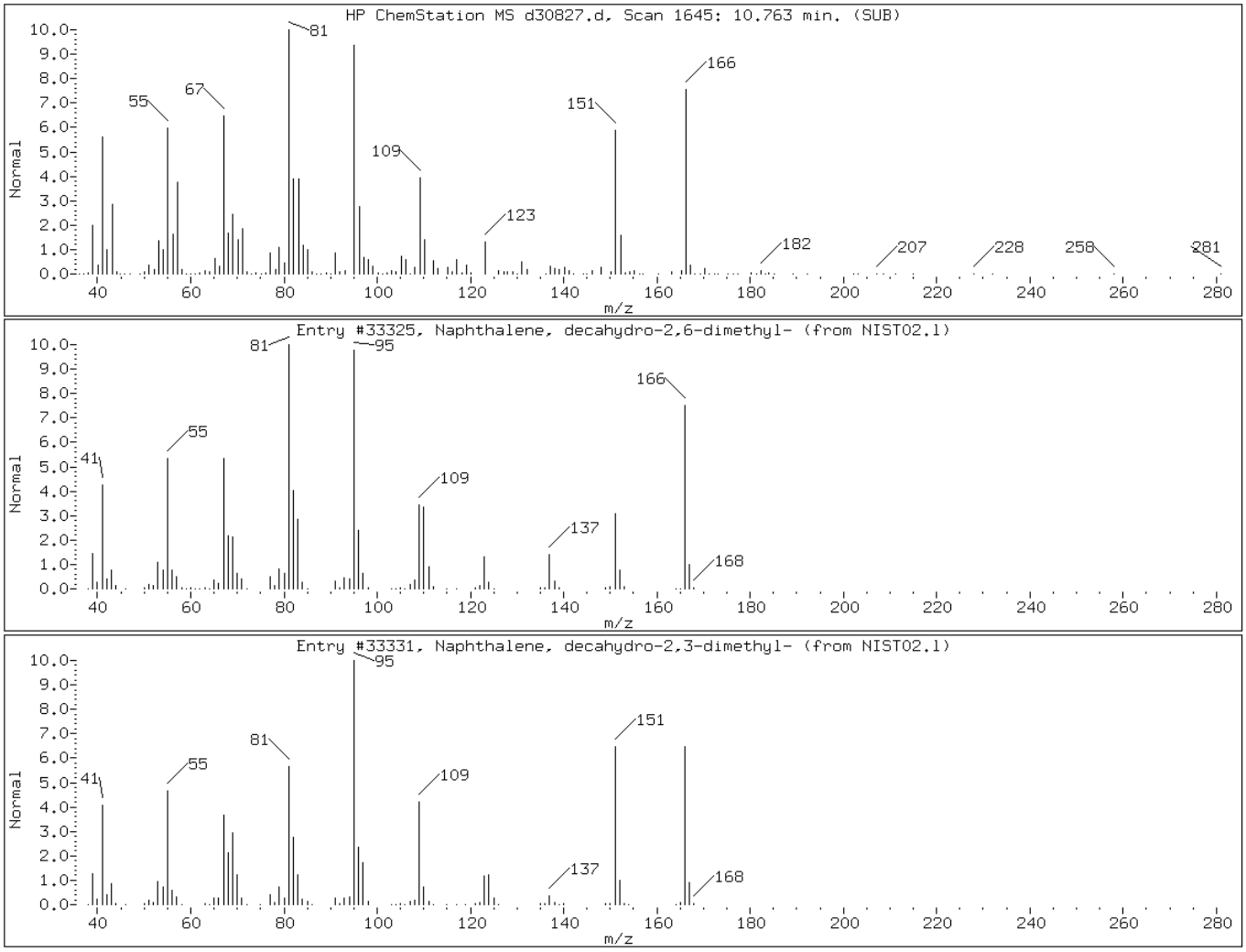
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 10.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
Naphthalene, decahydro-2,6-dimethy	1618-22-0	NIST02.l	33325	93	C12H22	166
Naphthalene, decahydro-2,3-dimethy	1008-80-6	NIST02.l	33331	76	C12H22	166



Data File: d30827.d

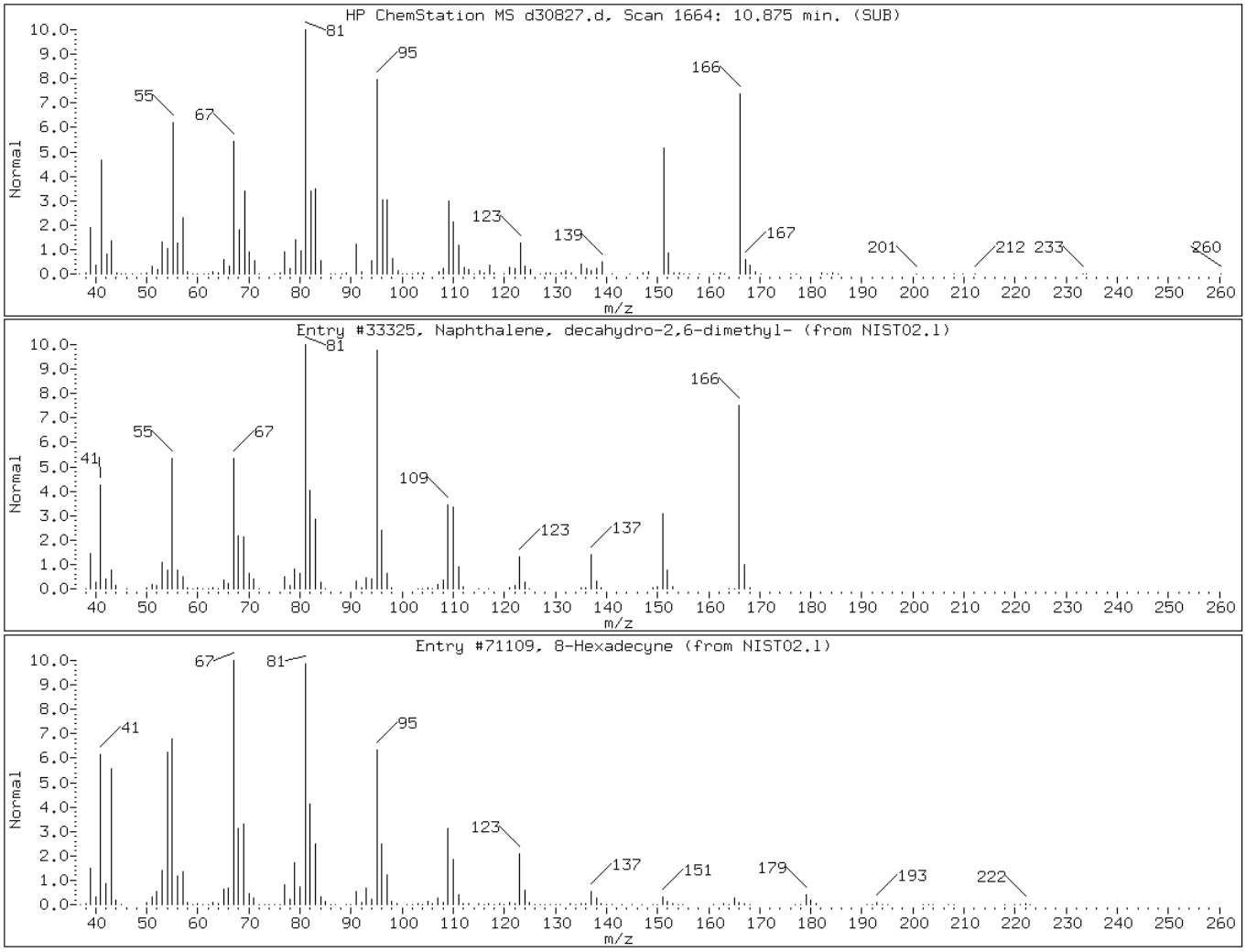
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 10.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
Naphthalene, decahydro-2,6-dimethy	1618-22-0	NIST02.l	33325	72	C12H22	166
8-Hexadecyne	19781-86-3	NIST02.l	71109	64	C16H30	222



Data File: d30827.d

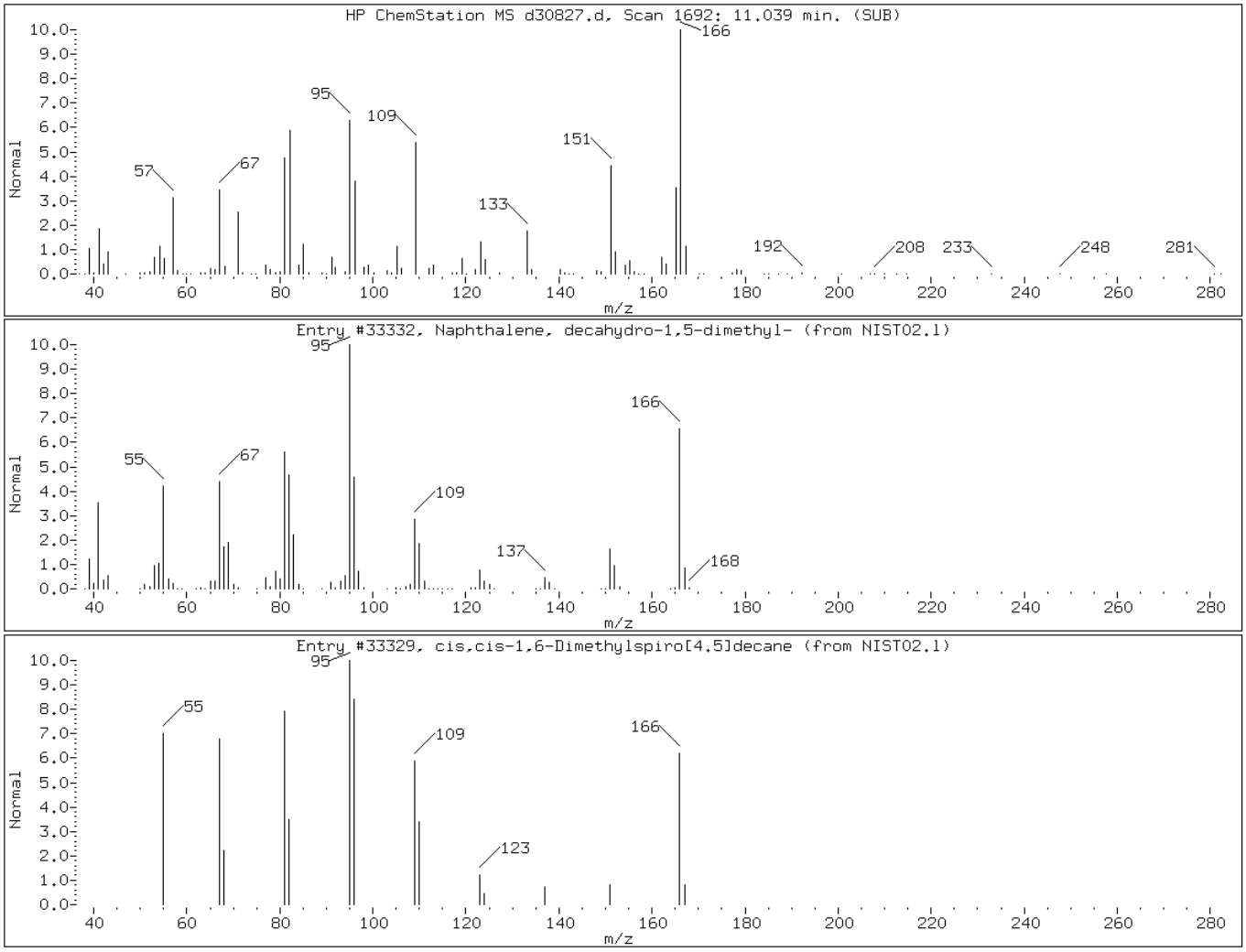
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 11.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
Naphthalene, decahydro-1,5-dimethy	66552-62-3	NIST02.l	33332	50	C12H22	166
cis,cis-1,6-Dimethylspiro[4.5]deca	1000111-72-4	NIST02.l	33329	47	C12H22	166



Data File: d30827.d

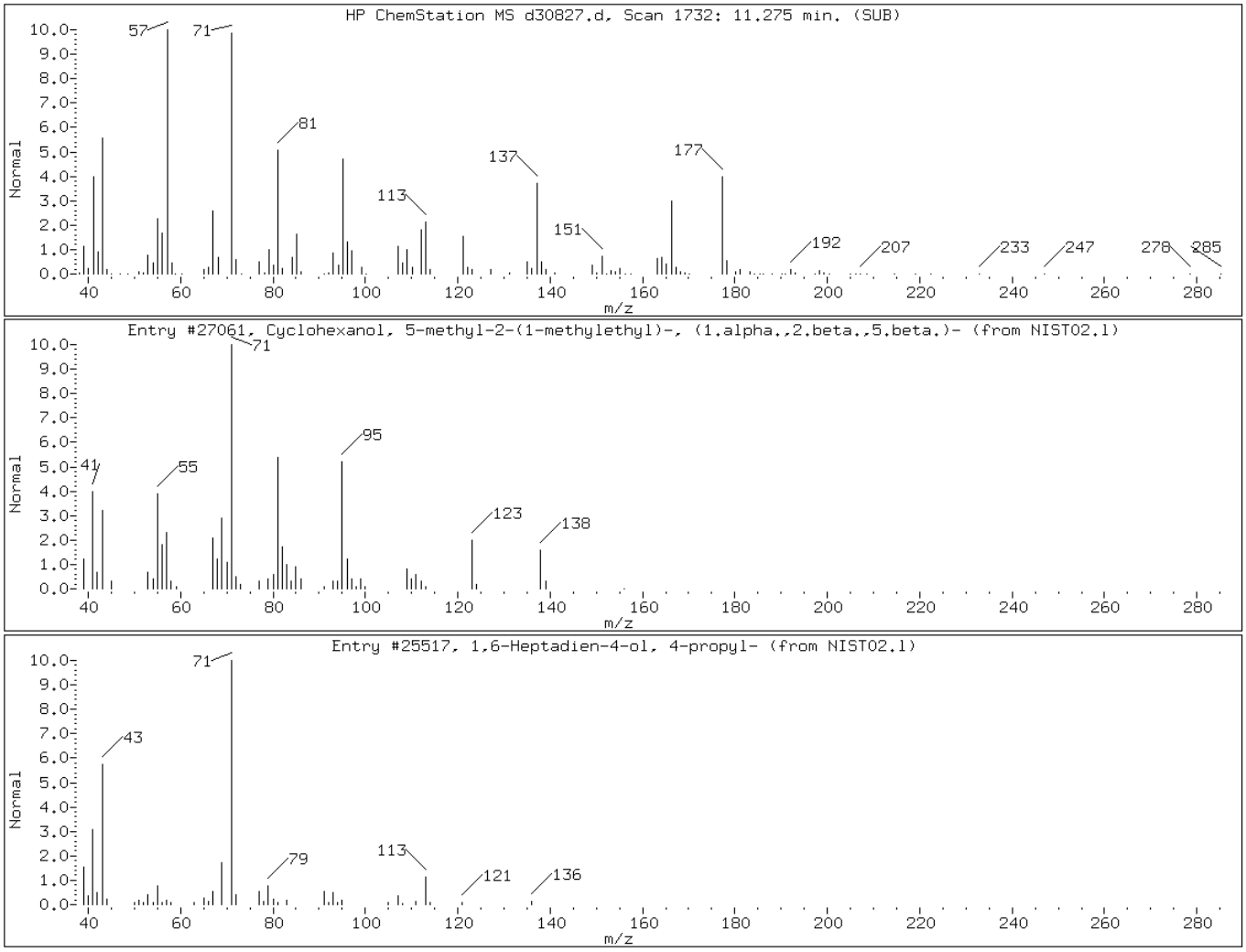
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 11.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclohexanol, 5-methyl-2-(1-methyl	490-99-3	NIST02.l	27061	43	C10H20O	156
1,6-Heptadien-4-ol, 4-propyl-	52939-61-4	NIST02.l	25517	27	C10H18O	154



Data File: d30827.d

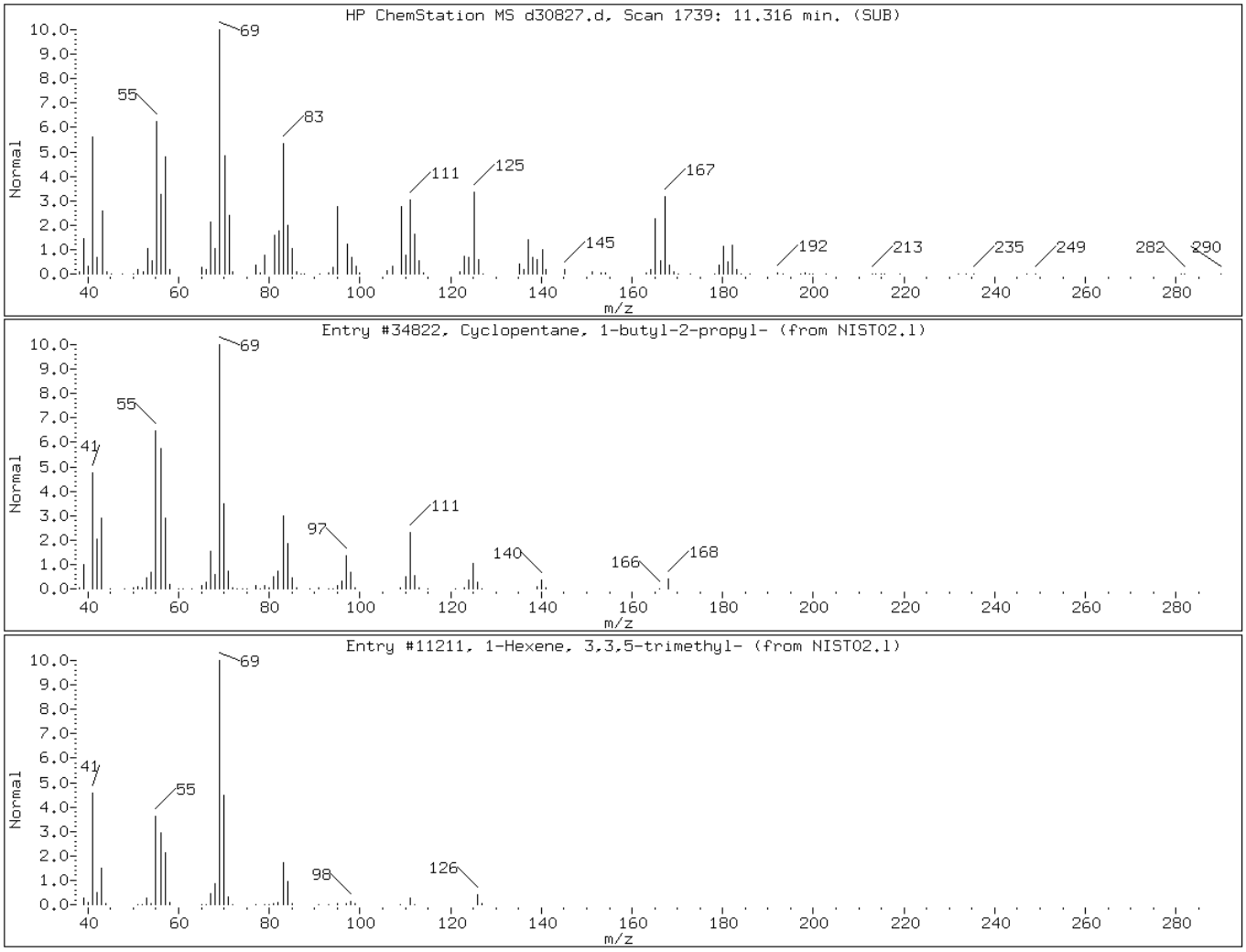
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 11.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Cyclopentane, 1-butyl-2-propyl-	62199-50-2	NIST02.l	34822	46	C12H24	168
1-Hexene, 3,3,5-trimethyl-	13427-43-5	NIST02.l	11211	38	C9H18	126



Data File: d30827.d

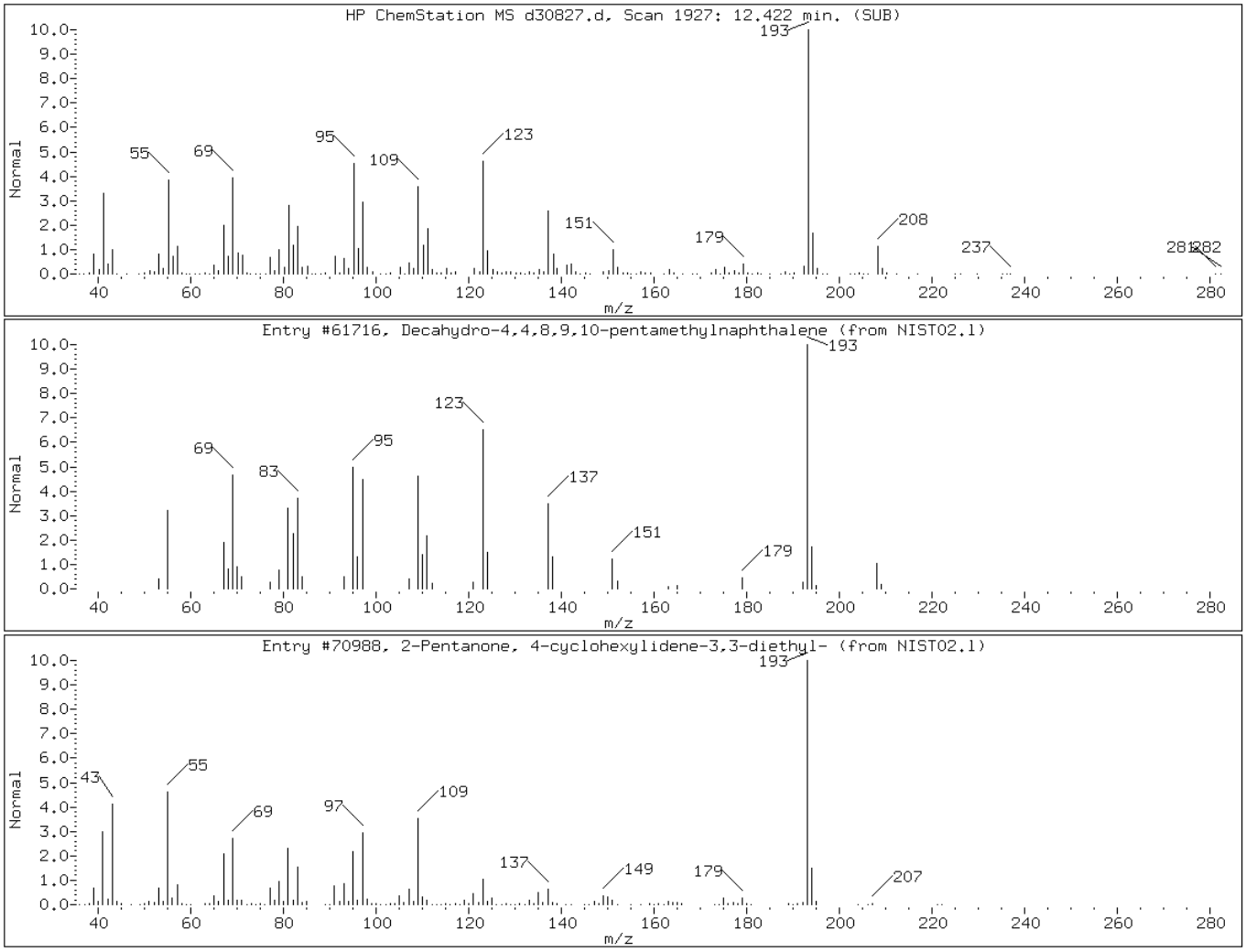
Date: 23-MAR-2013 05:25

Client ID: PMP-7-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-20-A;;;4.18;5 Operator: VOAMS 9

Retention Time: 12.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	97	C15H28	208
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	38	C15H26O	222



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT | Lab Sample ID: 460-52450-21

Matrix: Solid | Lab File ID: b53500.d

Analysis Method: 8260B | Date Collected: 03/14/2013 13:50

Sample wt/vol: 6.01(g) | Date Analyzed: 03/19/2013 13:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.6 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.8	U	45	2.8
79-34-5	1,1,2,2-Tetrachloroethane	7.0	U	45	7.0
79-00-5	1,1,2-Trichloroethane	8.4	U	45	8.4
75-34-3	1,1-Dichloroethane	5.8	U	45	5.8
75-35-4	1,1-Dichloroethene	3.9	U	45	3.9
87-61-6	1,2,3-Trichlorobenzene	2000		45	23
120-82-1	1,2,4-Trichlorobenzene	12000		45	15
96-12-8	1,2-Dibromo-3-Chloropropane	18	U	45	18
106-93-4	1,2-Dibromoethane	12	U	45	12
95-50-1	1,2-Dichlorobenzene	36	J	45	9.1
107-06-2	1,2-Dichloroethane	8.4	U	45	8.4
78-87-5	1,2-Dichloropropane	3.8	U	45	3.8
541-73-1	1,3-Dichlorobenzene	310		45	6.0
106-46-7	1,4-Dichlorobenzene	120		45	10
123-91-1	1,4-Dioxane	1600	U	2200	1600
78-93-3	2-Butanone	100	U	220	100
591-78-6	2-Hexanone	22	U	220	22
108-10-1	4-Methyl-2-pentanone	44	U	220	44
67-64-1	Acetone	120	U	220	120
71-43-2	Benzene	3.7	U	45	3.7
74-97-5	Bromochloromethane	12	U	45	12
75-27-4	Bromodichloromethane	5.6	U	45	5.6
75-25-2	Bromoform	8.5	U	45	8.5
74-83-9	Bromomethane	8.1	U	45	8.1
75-15-0	Carbon disulfide	5.6	U	45	5.6
56-23-5	Carbon tetrachloride	2.5	U	45	2.5
108-90-7	Chlorobenzene	4.9	U	45	4.9
75-00-3	Chloroethane	7.5	U	45	7.5
67-66-3	Chloroform	58		45	3.5
74-87-3	Chloromethane	4.3	U	45	4.3
156-59-2	cis-1,2-Dichloroethene	7.9	U	45	7.9
10061-01-5	cis-1,3-Dichloropropene	8.2	U	45	8.2
110-82-7	Cyclohexane	7.1	U	45	7.1
124-48-1	Dibromochloromethane	8.9	U	45	8.9
75-71-8	Dichlorodifluoromethane	9.6	U	45	9.6
100-41-4	Ethylbenzene	4.3	U	45	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT | Lab Sample ID: 460-52450-21

Matrix: Solid | Lab File ID: b53500.d

Analysis Method: 8260B | Date Collected: 03/14/2013 13:50

Sample wt/vol: 6.01(g) | Date Analyzed: 03/19/2013 13:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.6 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	3.7	U	45	3.7
98-82-8	Isopropylbenzene	3.4	U	45	3.4
79-20-9	Methyl acetate	15	U	89	15
108-87-2	Methylcyclohexane	27	J	45	6.0
75-09-2	Methylene Chloride	8.1	U	45	8.1
1634-04-4	MTBE	6.1	U	45	6.1
100-42-5	Styrene	5.3	U	45	5.3
127-18-4	Tetrachloroethene	4.3	U	45	4.3
108-88-3	Toluene	6.7	U	45	6.7
156-60-5	trans-1,2-Dichloroethene	5.7	U	45	5.7
10061-02-6	trans-1,3-Dichloropropene	11	U	45	11
79-01-6	Trichloroethene	15	J	45	4.1
75-69-4	Trichlorofluoromethane	6.5	U	45	6.5
75-01-4	Vinyl chloride	6.4	U	45	6.4
1330-20-7	Xylenes, Total	57	J	130	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-135
2037-26-5	Toluene-d8 (Surr)	75		59-150
460-00-4	Bromofluorobenzene	84		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT | Lab Sample ID: 460-52450-21

Matrix: Solid | Lab File ID: b53500.d

Analysis Method: 8260B | Date Collected: 03/14/2013 13:50

Sample wt/vol: 6.01(g) | Date Analyzed: 03/19/2013 13:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.6 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 315000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethyldimethylbenzene isomer	11.08	29000	J
	Unknown Aromatic	11.48	35000	J
	Tetramethylbenzene isomer	11.73	24000	J
	C11H16 Aromatic	11.78	22000	J
	Unknown Aromatic/Unknown	12.06	63000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.35	22000	J
	2,3-dihydro-dimethyl-1H-Indene isomer-1	12.43	46000	J
	2,3-dihydro-dimethyl-1H-Indene isomer-2	12.89	21000	J
	Tetrahydromethylnaphthalene isomer	13.08	30000	J
	Tetrahydrodimethylnaphthalene isomer	13.24	23000	J

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53500.d
Report Date: 24-Mar-2013 14:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53500.d
Lab Smp Id: 460-52450-B-21-A Client Smp ID: PMP-7-NE-WT
Inj Date : 19-MAR-2013 13:07
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-21-A;50;;6.01;5
Misc Info : 460-52450-B-21-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/8260_09.m
Meth Date : 20-Mar-2013 12:52 delpolit Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 22
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	5.00000	Volume of final extract (mL)
Ws	6.01000	Weight of sample extracted (g)
M	6.60377	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	42 Chloroform	83	4.328	4.320	(0.827)	8514	1.30538	58
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	146385	41.2069	1800
*	52 Fluorobenzene	96	5.233	5.225	(1.000)	599272	50.0000	
	54 Trichloroethene	95	5.661	5.653	(1.082)	1298	0.32817	15(a)
	56 Methyl cyclohexane	83	5.793	5.784	(1.107)	2599	0.60204	27(a)
$	65 Toluene-d8 (SUR)	98	7.224	7.225	(0.822)	317960	37.4459	1700
*	78 Chlorobenzene-d5	117	8.788	8.780	(1.000)	418587	50.0000	
	84 o-Xylene	106	9.381	9.381	(1.067)	7318	1.27271	57
$	89 Bromofluorobenzene (SUR)	174	9.874	9.875	(0.912)	133101	41.8586	1900
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	628405	48.5468	2200(H)
	101 1,2,4-Trimethylbenzene	105	10.525	10.517	(0.972)	35101	2.67208	120
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	29107	1.56536	70
	107 p-Isopropyltoluene	119	10.771	10.763	(0.995)	103988	6.60260	290
	105 1,3-Dichlorobenzene	146	10.771	10.772	(0.995)	52257	6.96317	310

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53500.d
Report Date: 24-Mar-2013 14:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	217228	50.0000	
109 1,4-Dichlorobenzene	146	10.854	10.846	(1.002)	21050	2.75291	120(H)
111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	5925	0.81447	36(a)
114 1,2,4-Trichlorobenzene	180	12.393	12.385	(1.144)	1232611	271.963	12000
117 1,2,3-Trichlorobenzene	180	12.812	12.813	(1.183)	194879	45.4800	2000(H)
M 121 Xylene (Total)	100				7318	1.27271	57(a)

QC Flag Legend

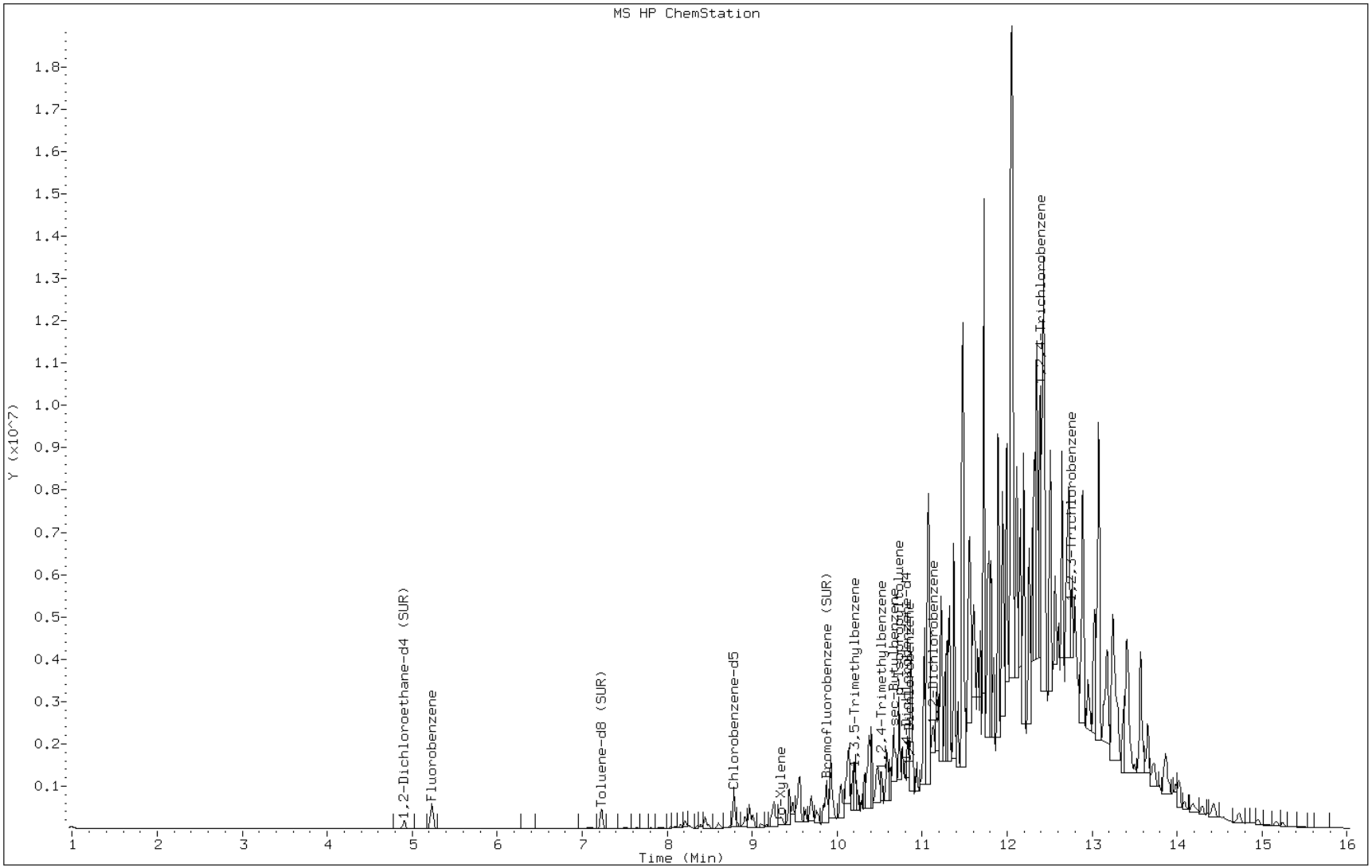
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:



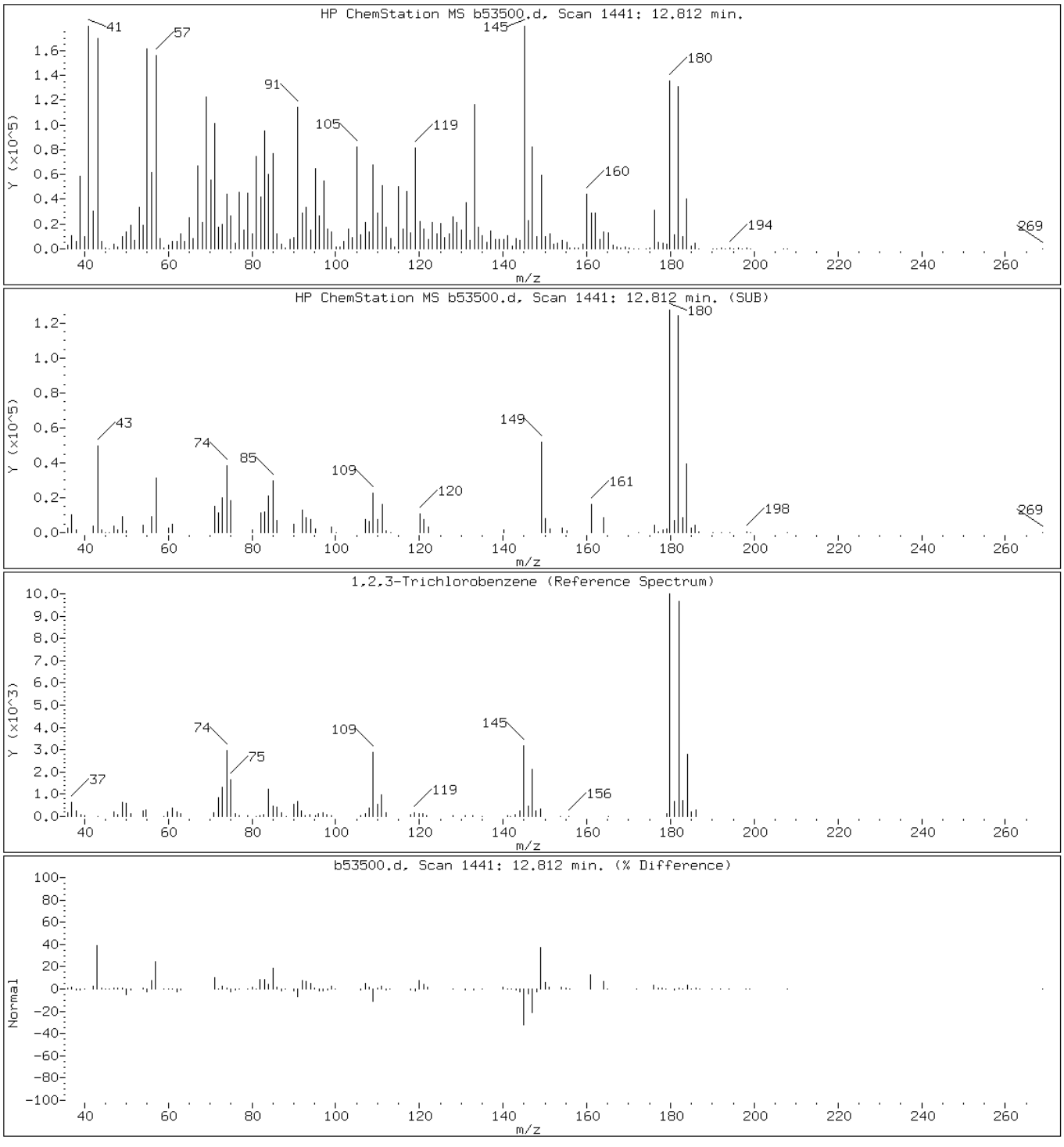
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

117 1,2,3-Trichlorobenzene



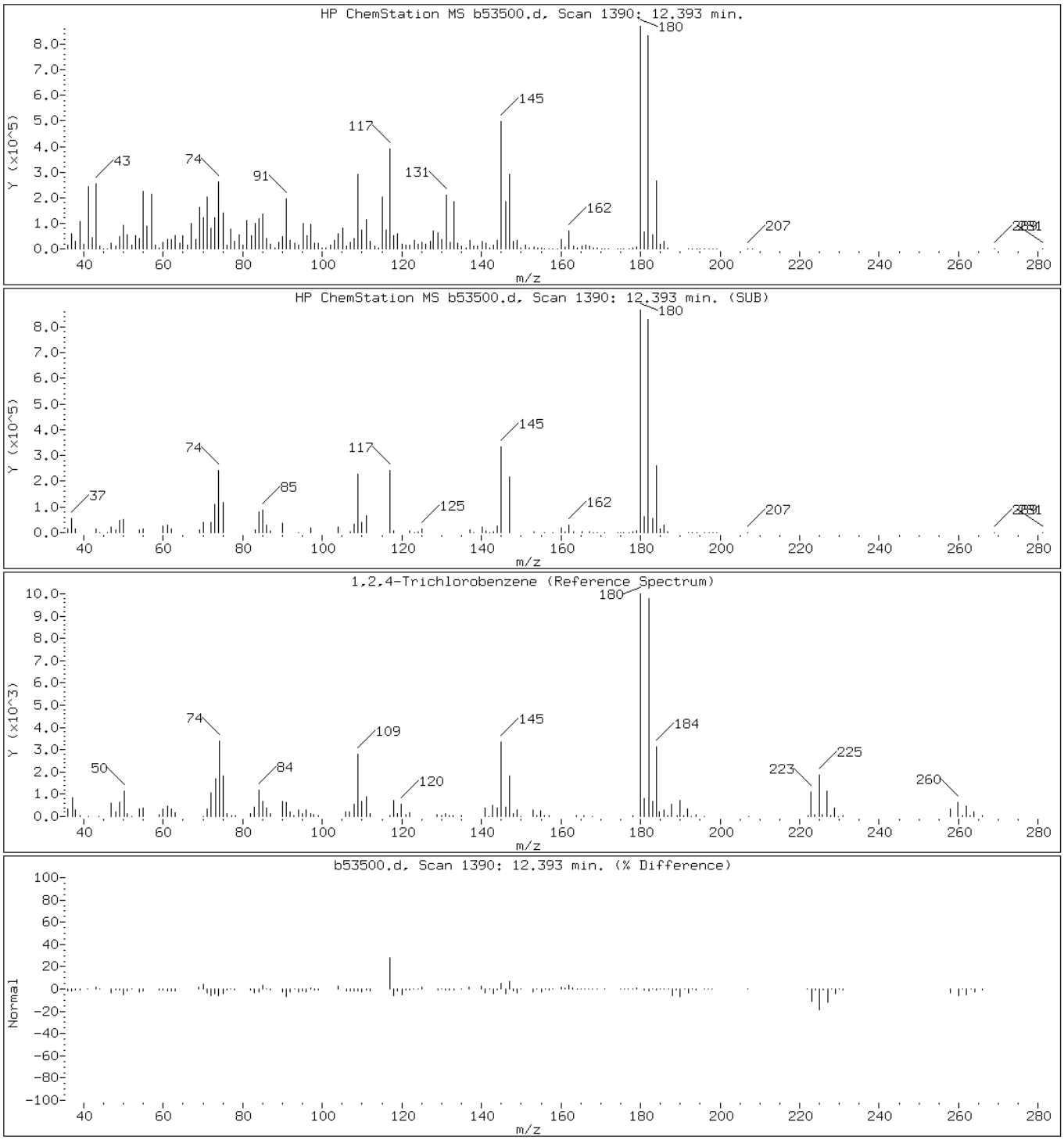
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

114 1,2,4-Trichlorobenzene



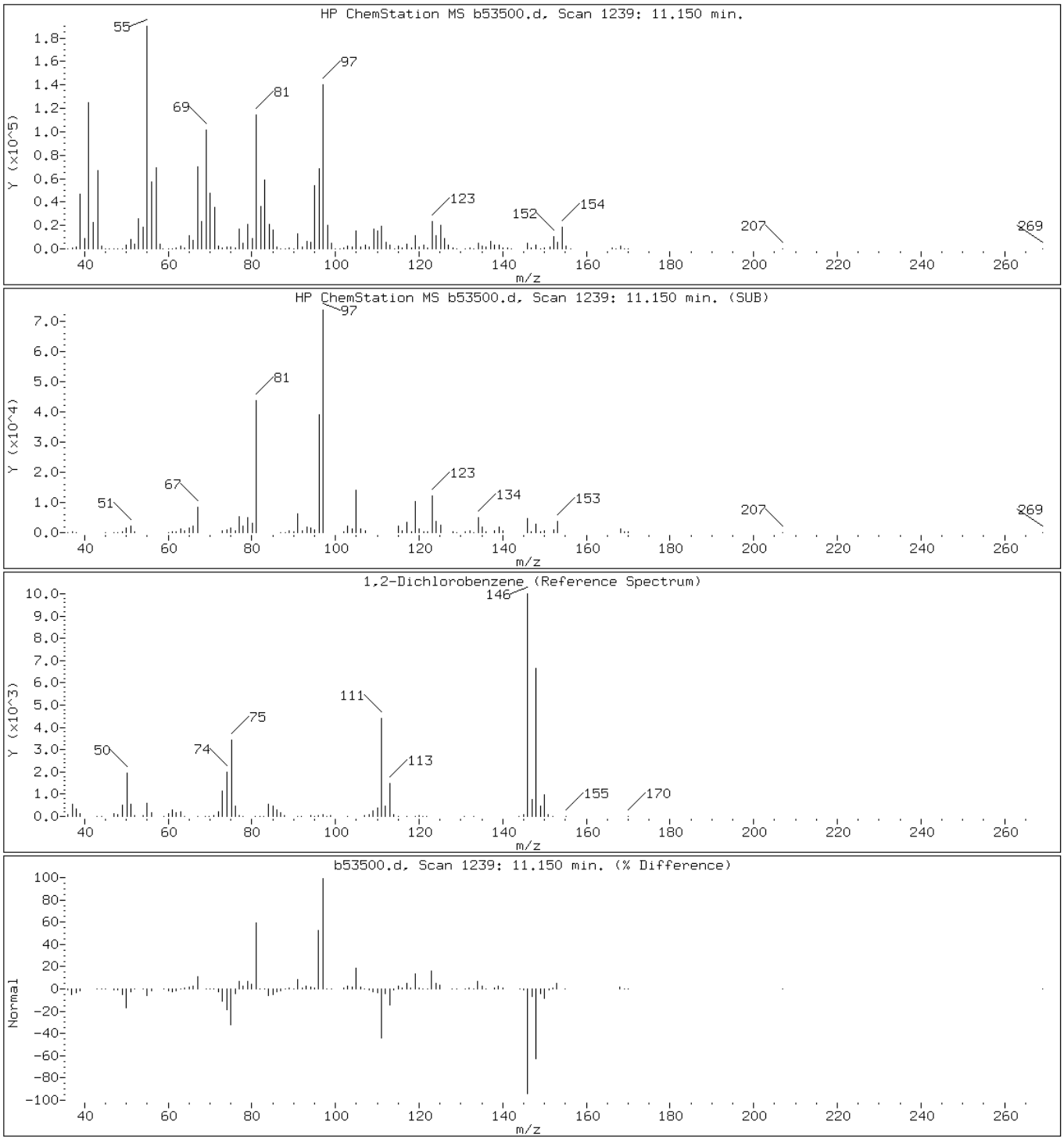
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

111 1,2-Dichlorobenzene



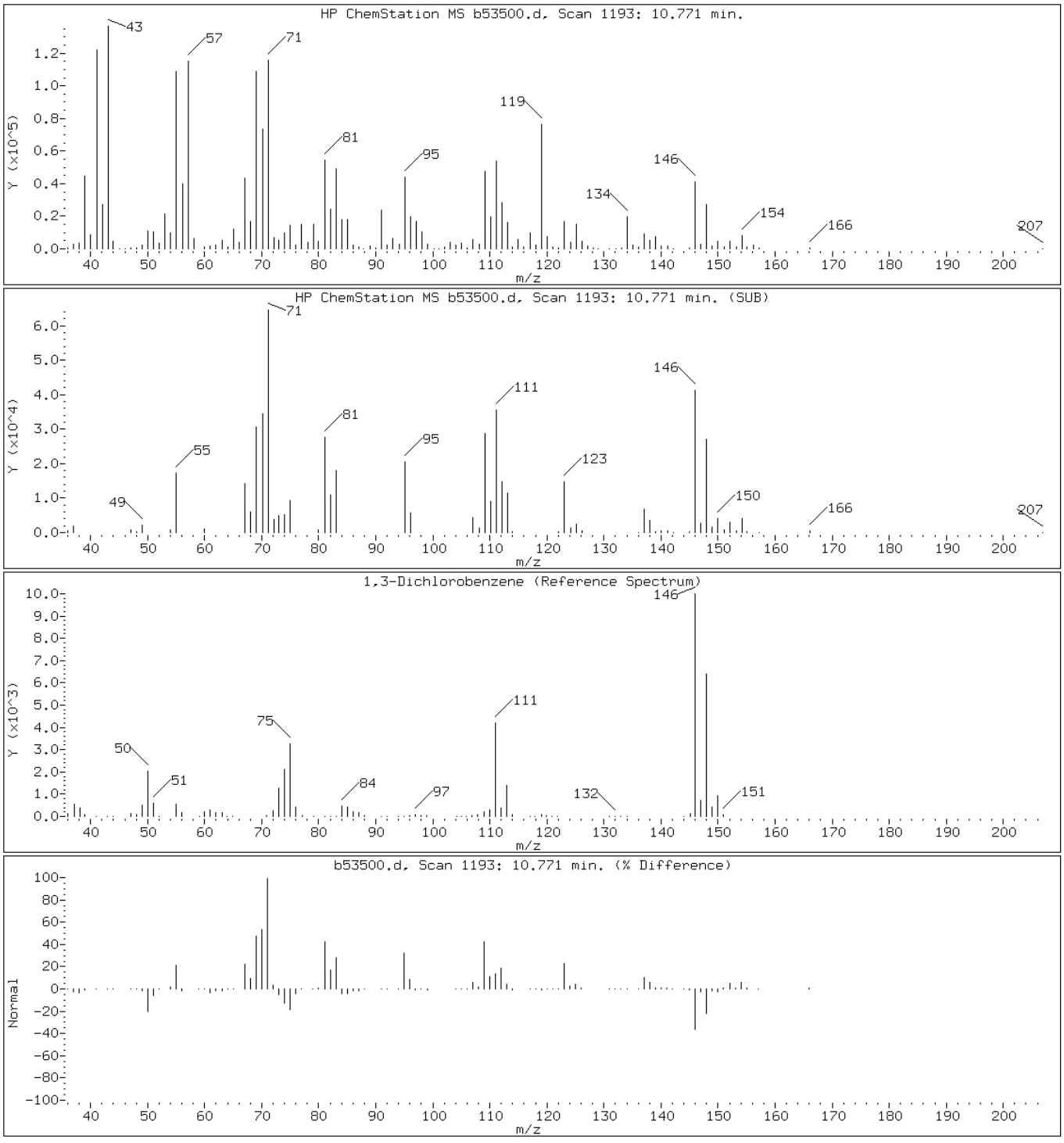
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

105 1,3-Dichlorobenzene



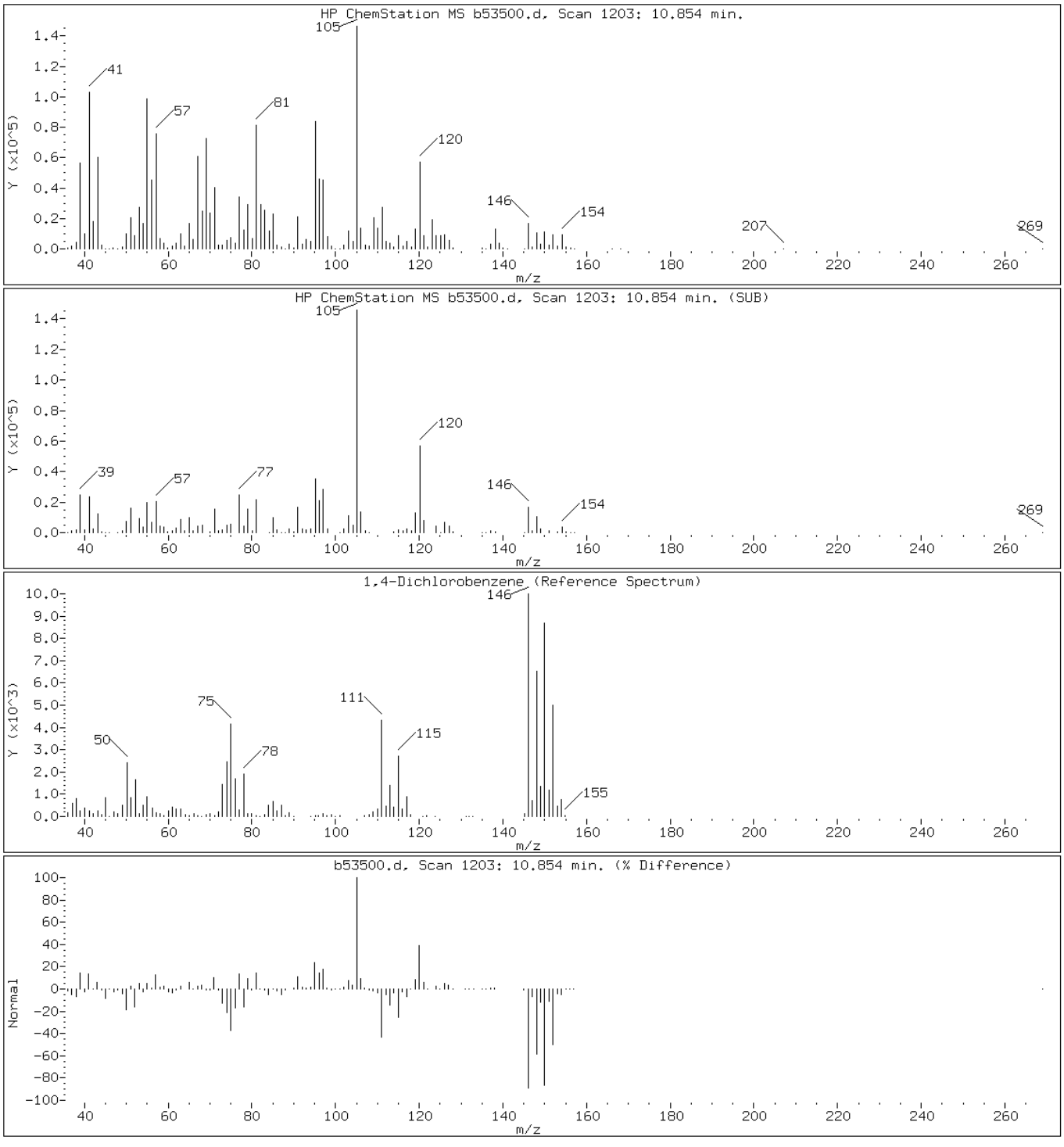
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

109 1,4-Dichlorobenzene



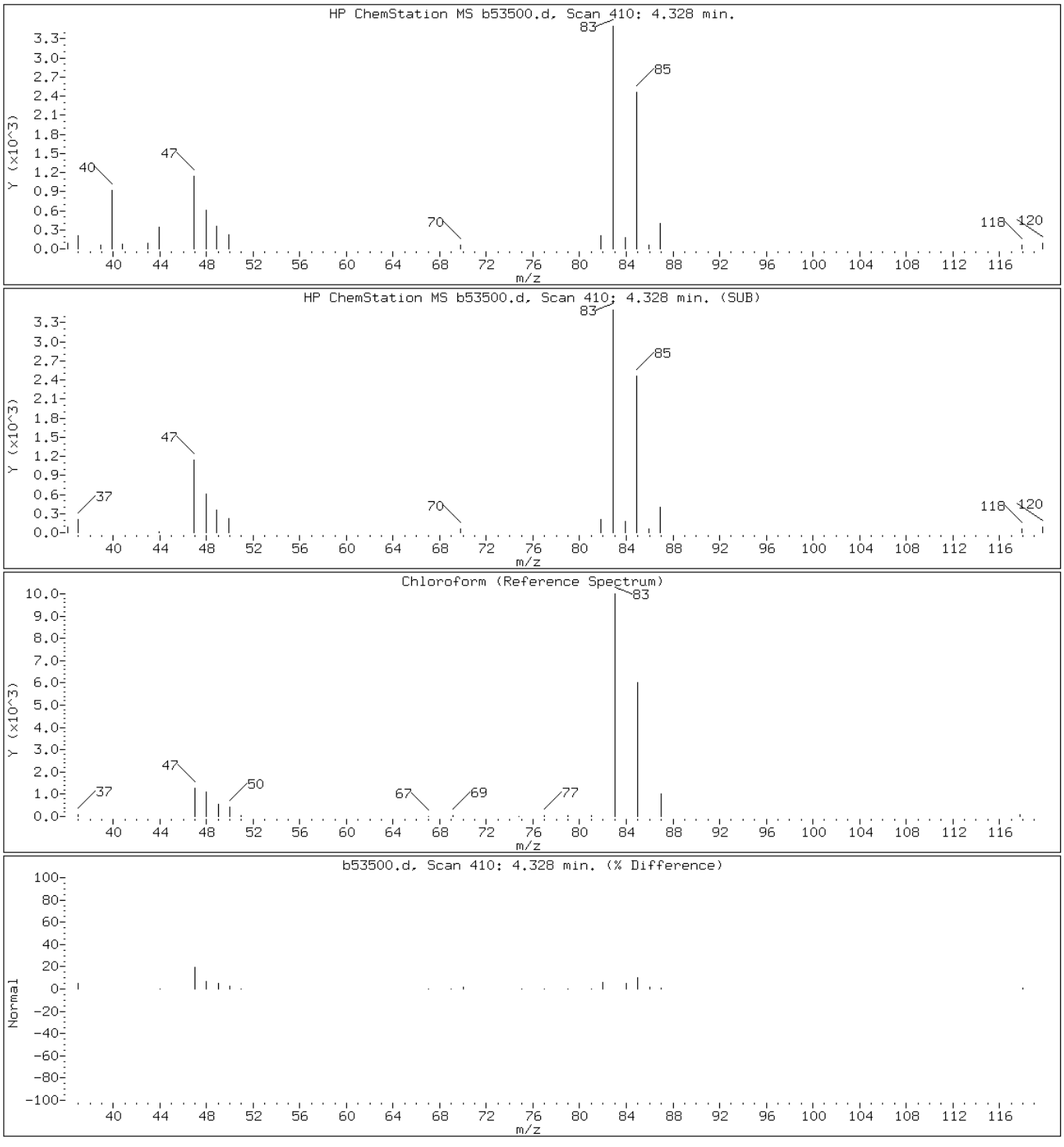
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

42 Chloroform



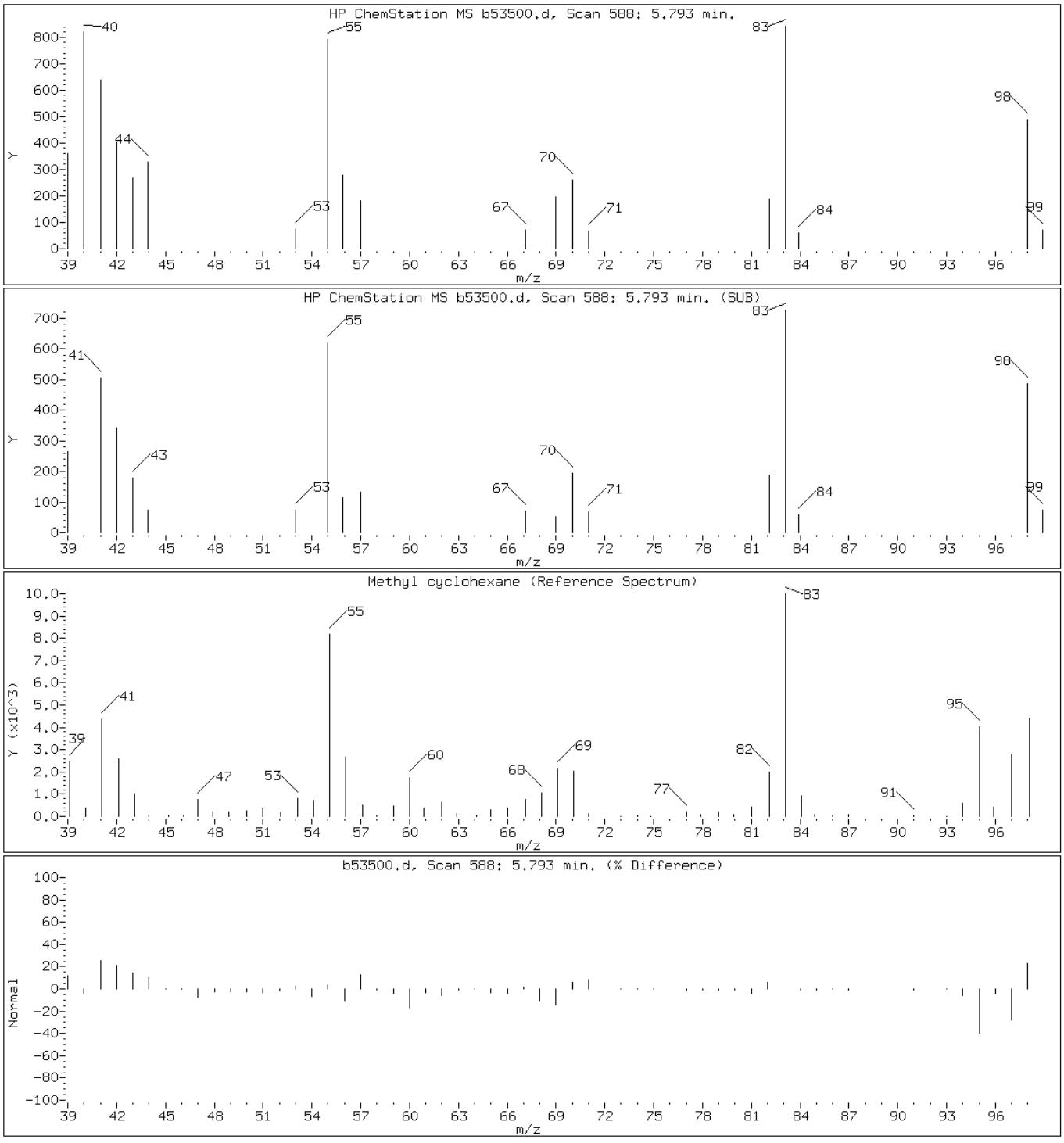
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

56 Methyl cyclohexane



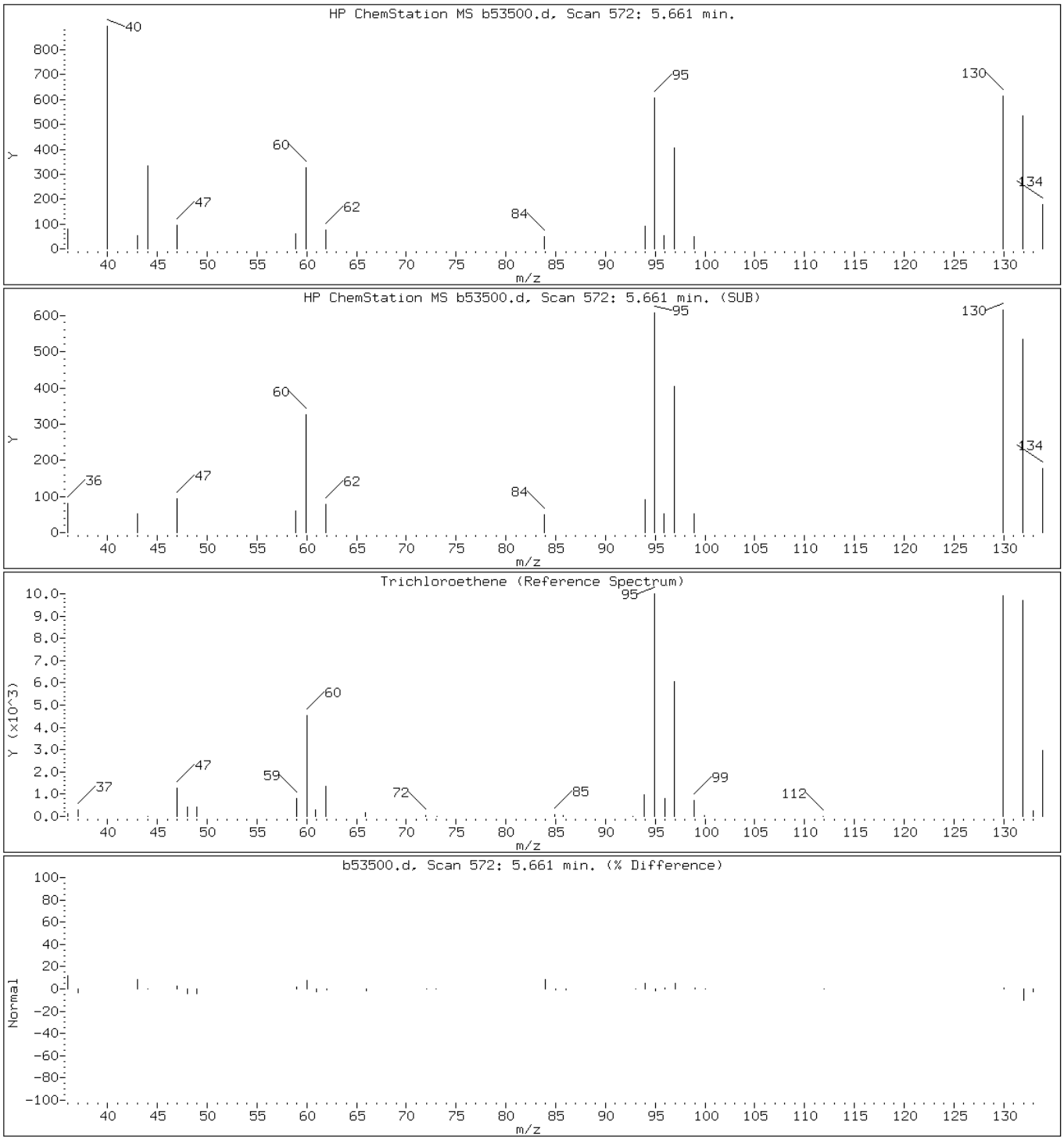
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

54 Trichloroethene



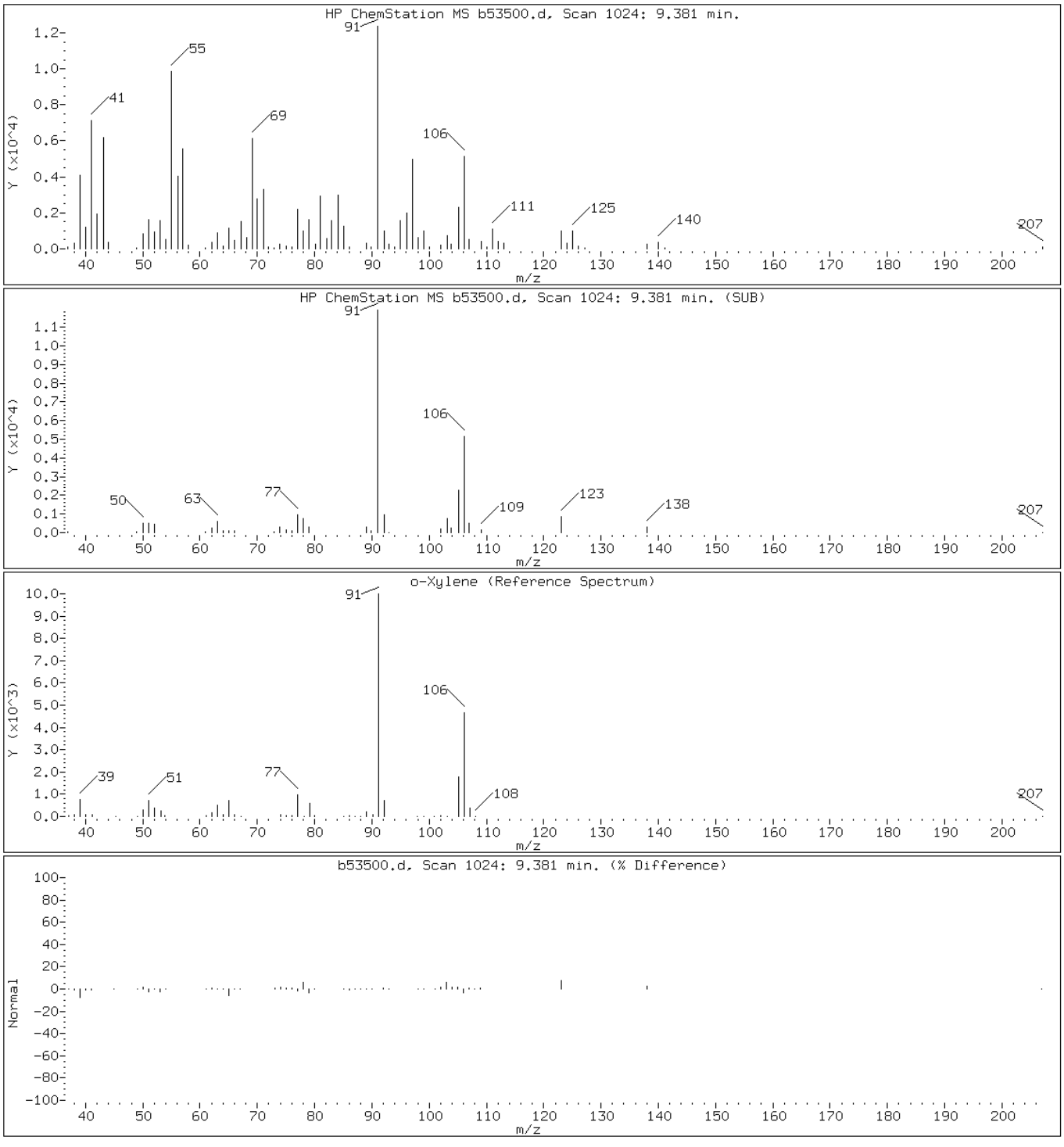
Data File: b53500.d

Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

84 o-Xylene



Data File: b53500.d

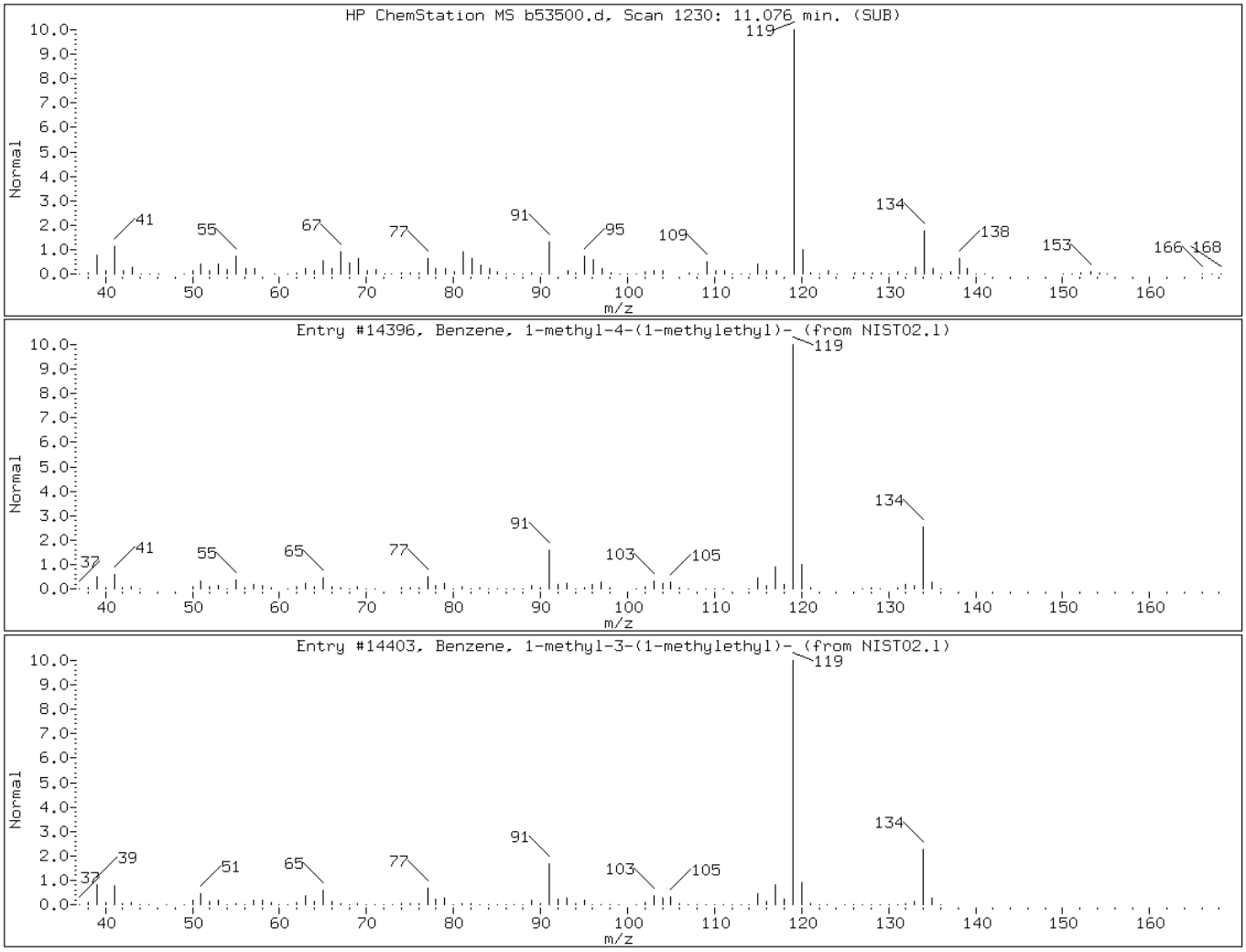
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 11.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14396	64	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14403	59	C10H14	134



Data File: b53500.d

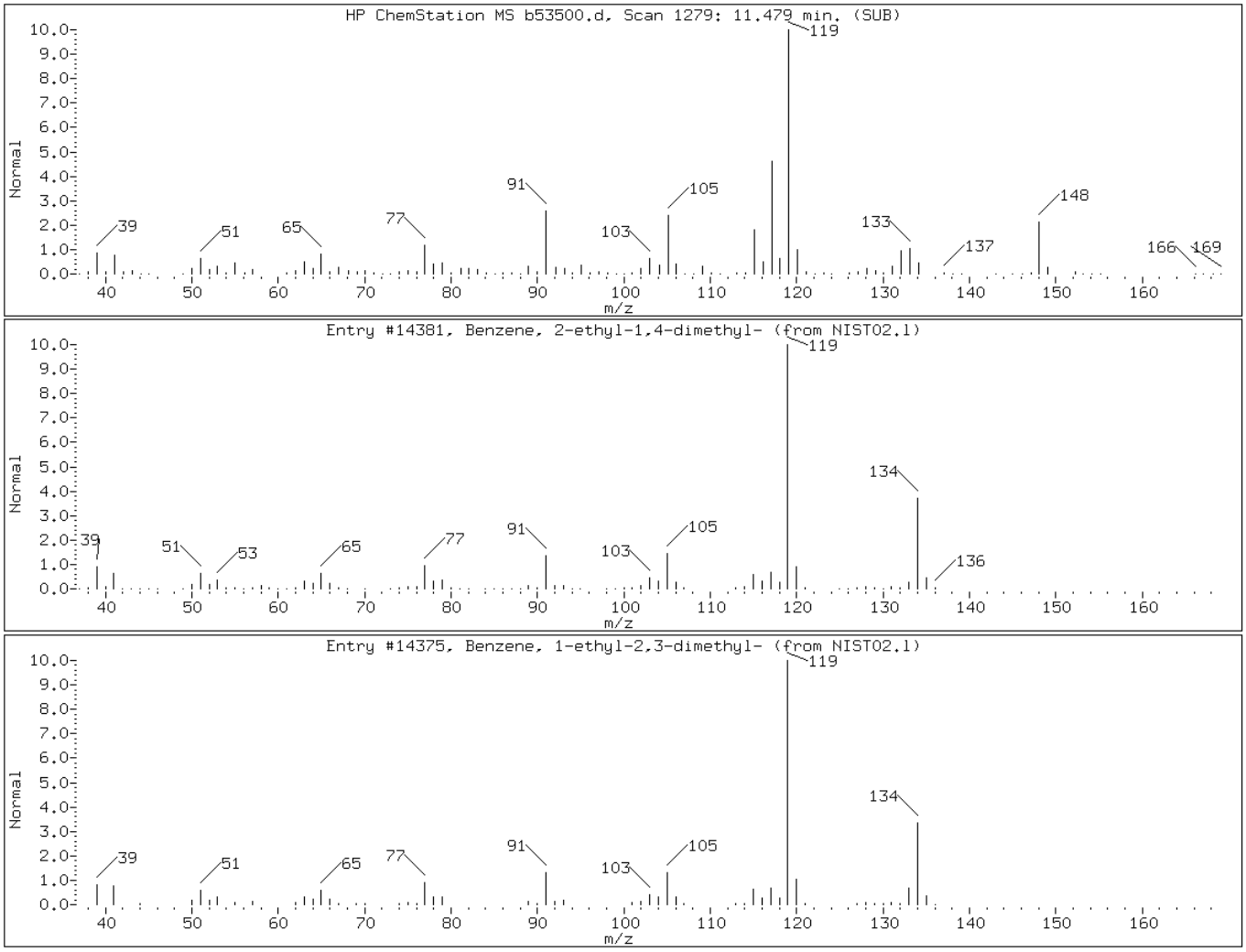
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 11.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14381	53	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14375	53	C10H14	134



Data File: b53500.d

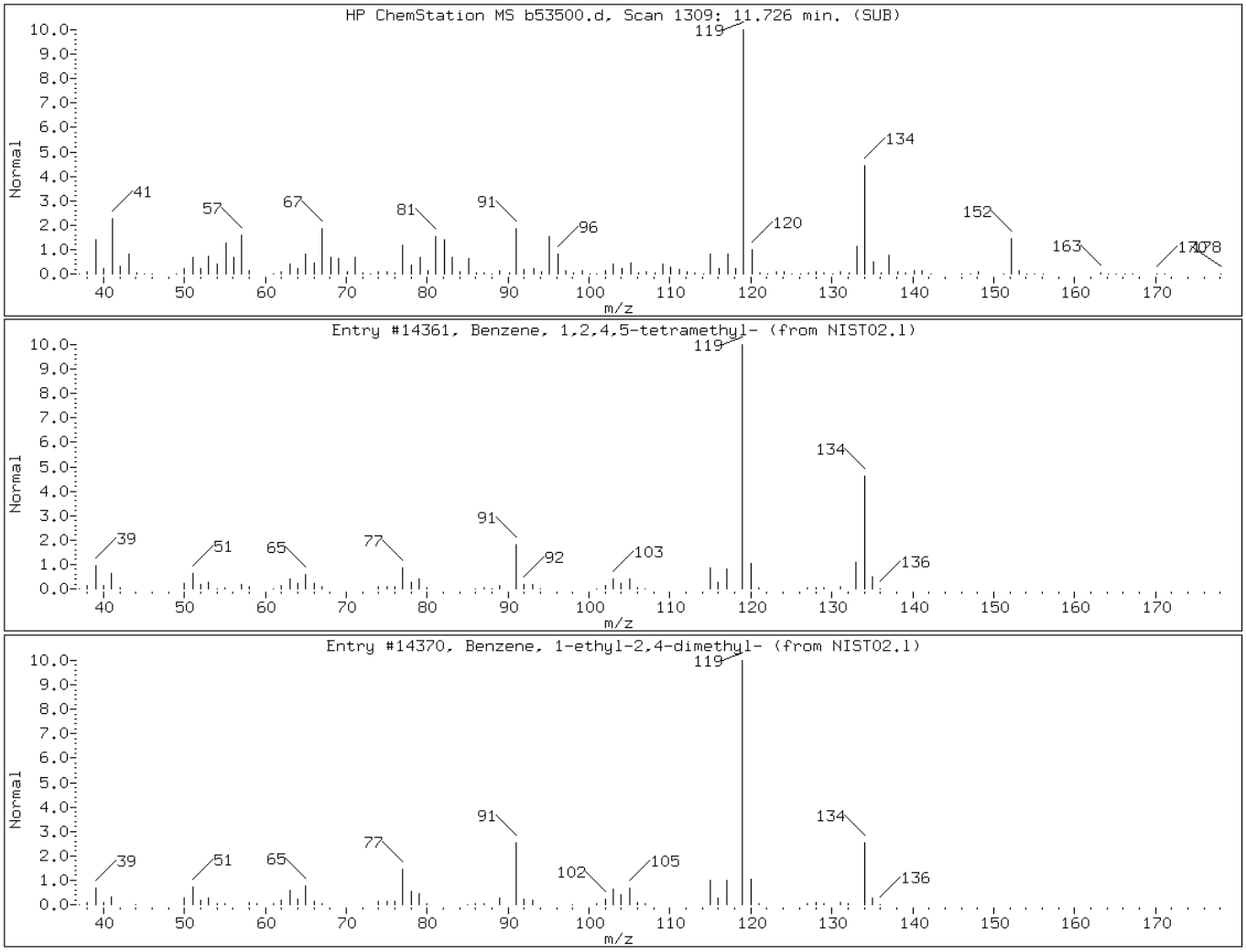
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	95	C10H14	134



Data File: b53500.d

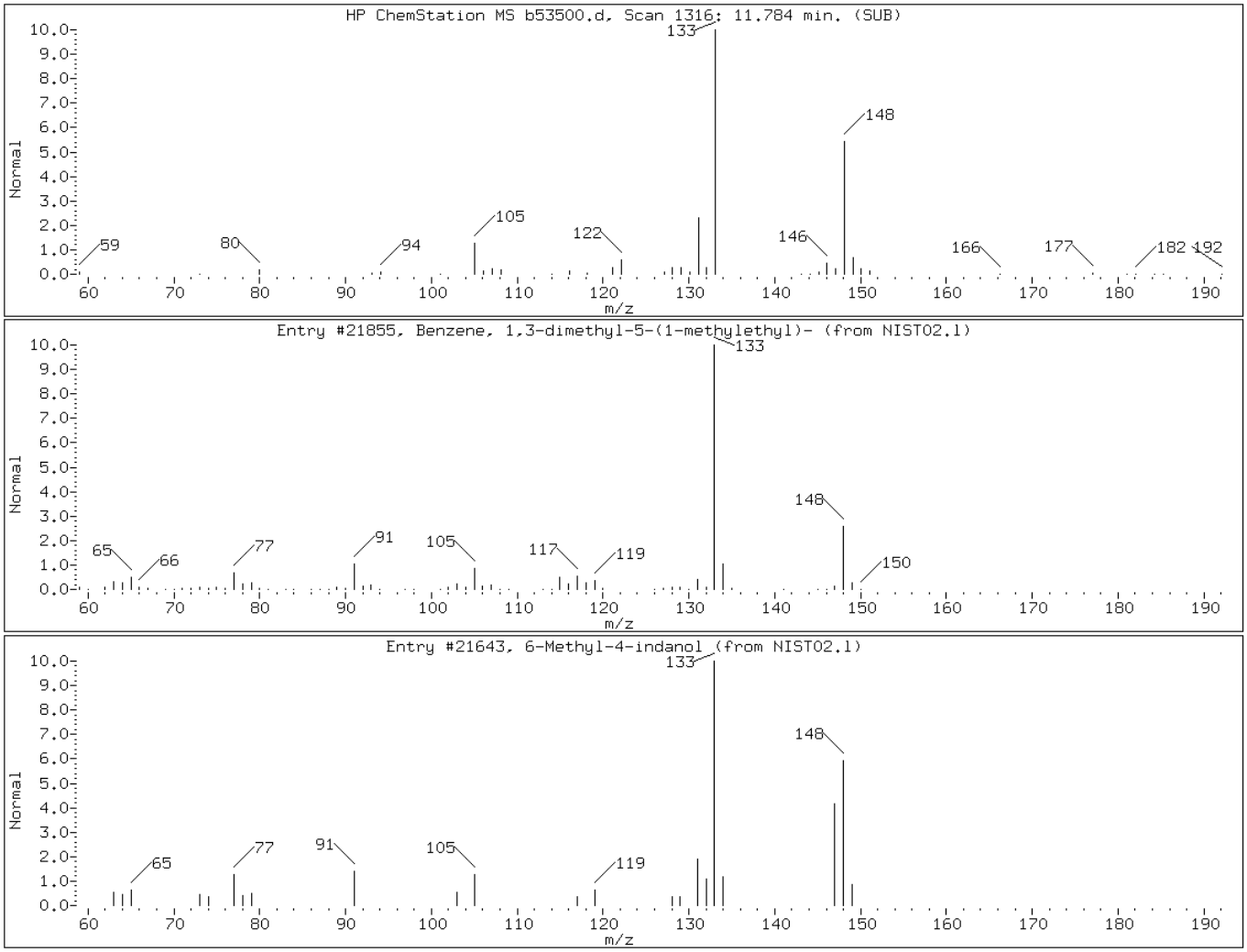
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 11.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21855	64	C11H16	148
6-Methyl-4-indanol	20294-32-0	NIST02.l	21643	64	C10H12O	148



Data File: b53500.d

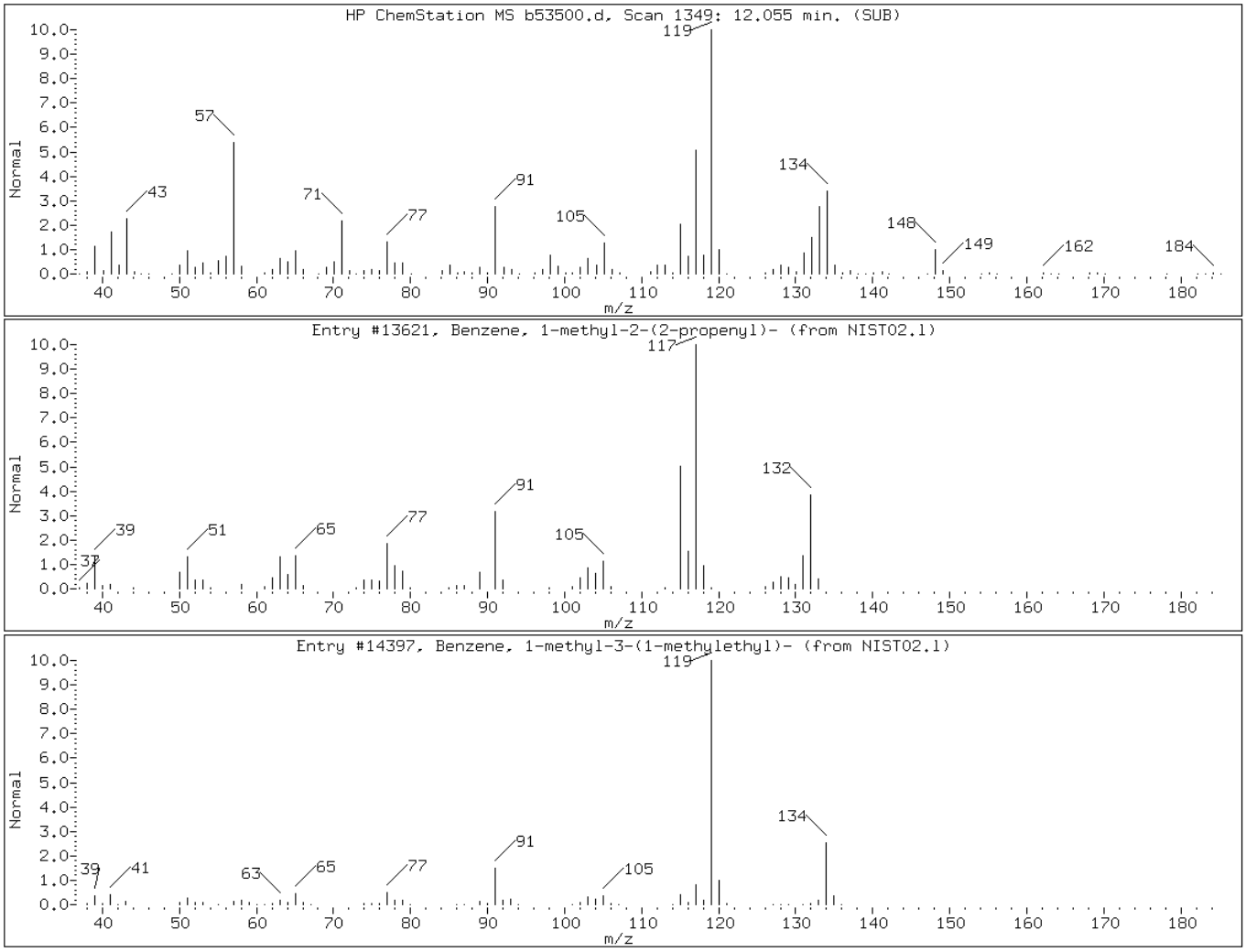
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 12.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic/Unknown						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13621	60	C10H12	132
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	55	C10H14	134



Data File: b53500.d

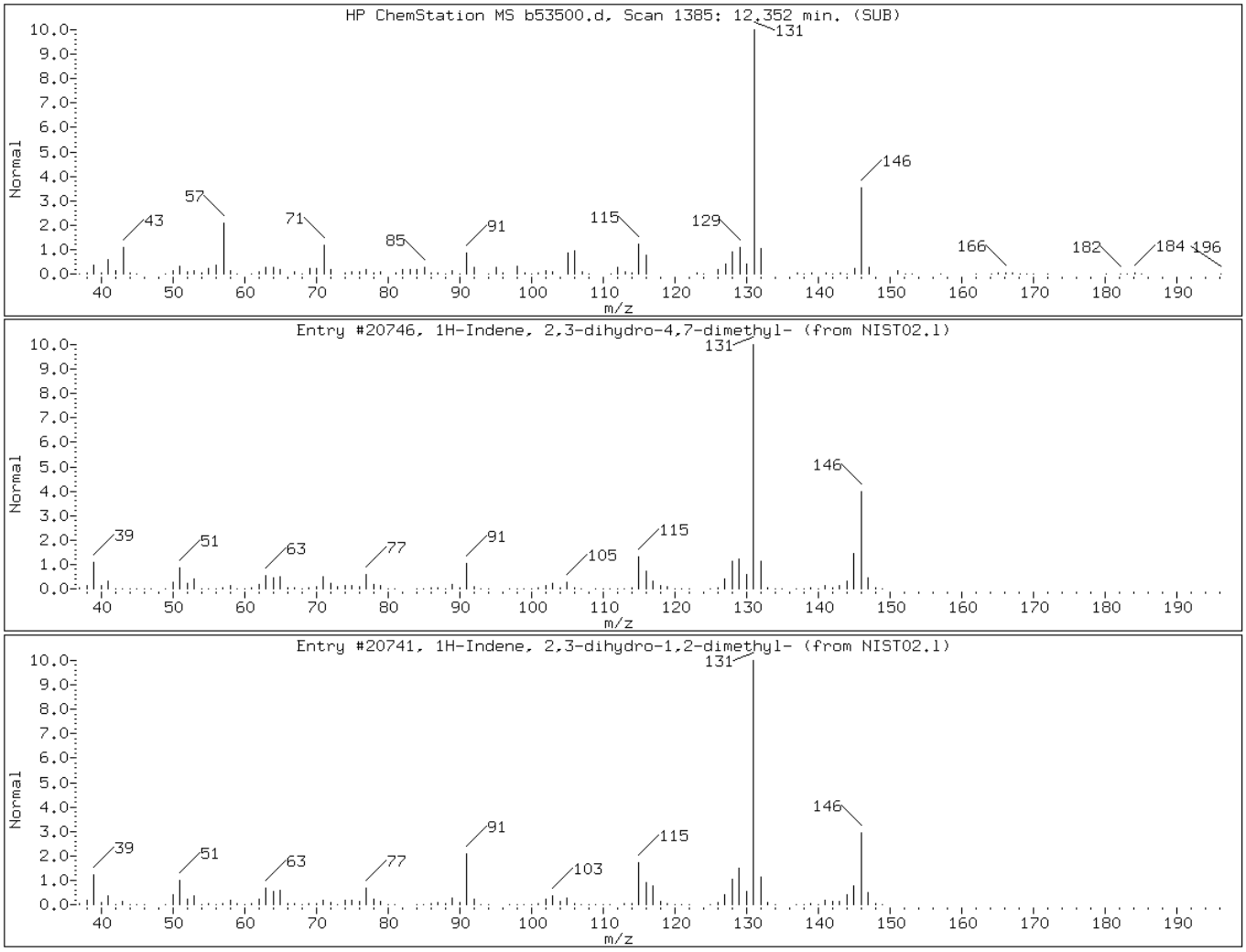
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 12.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20746	90	C11H14	146
1H-Indene, 2,3-dihydro-1,2-dimethy	17057-82-8	NIST02.l	20741	90	C11H14	146



Data File: b53500.d

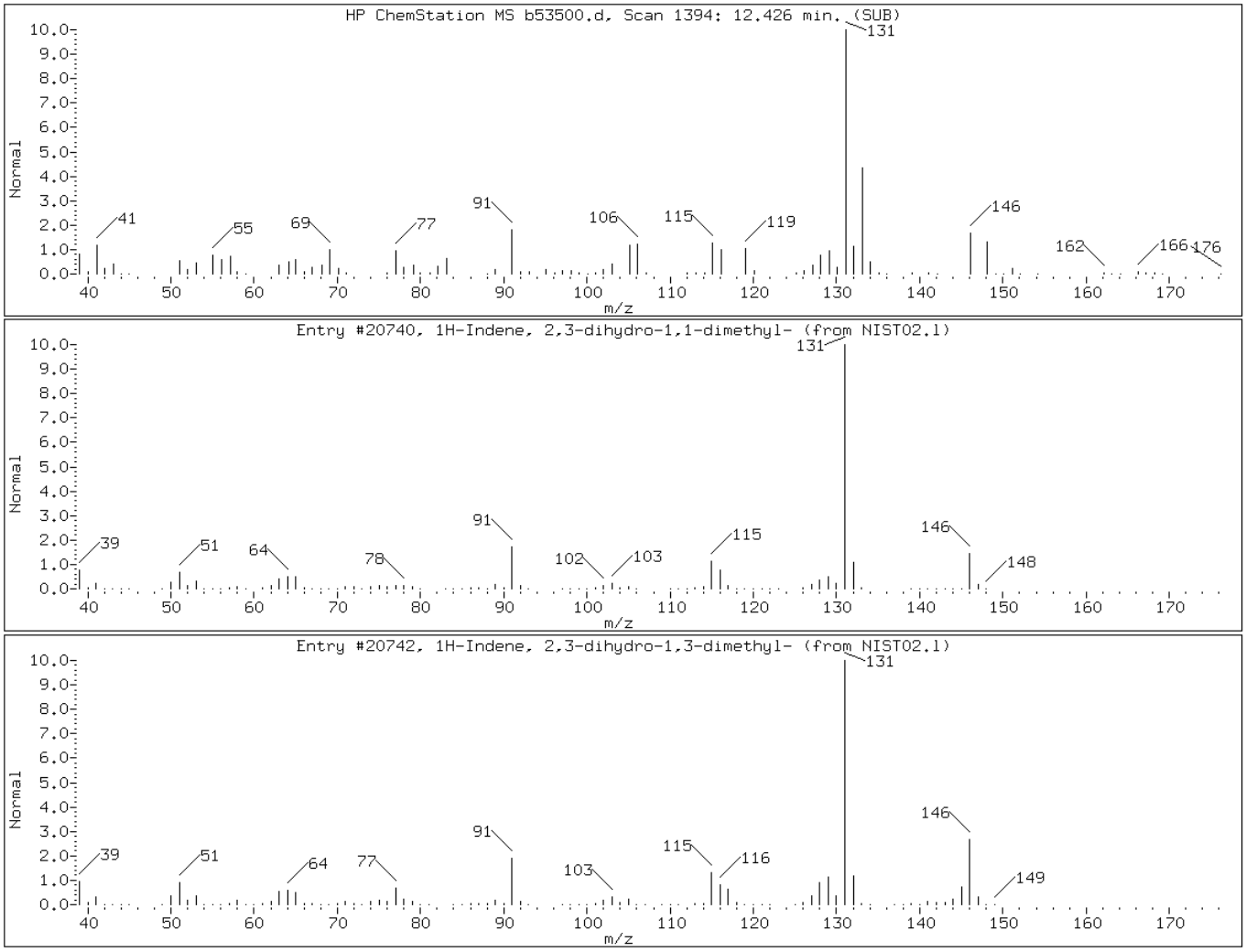
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 12.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,1-dimethy	4912-92-9	NIST02.l	20740	91	C11H14	146
1H-Indene, 2,3-dihydro-1,3-dimethy	4175-53-5	NIST02.l	20742	60	C11H14	146



Data File: b53500.d

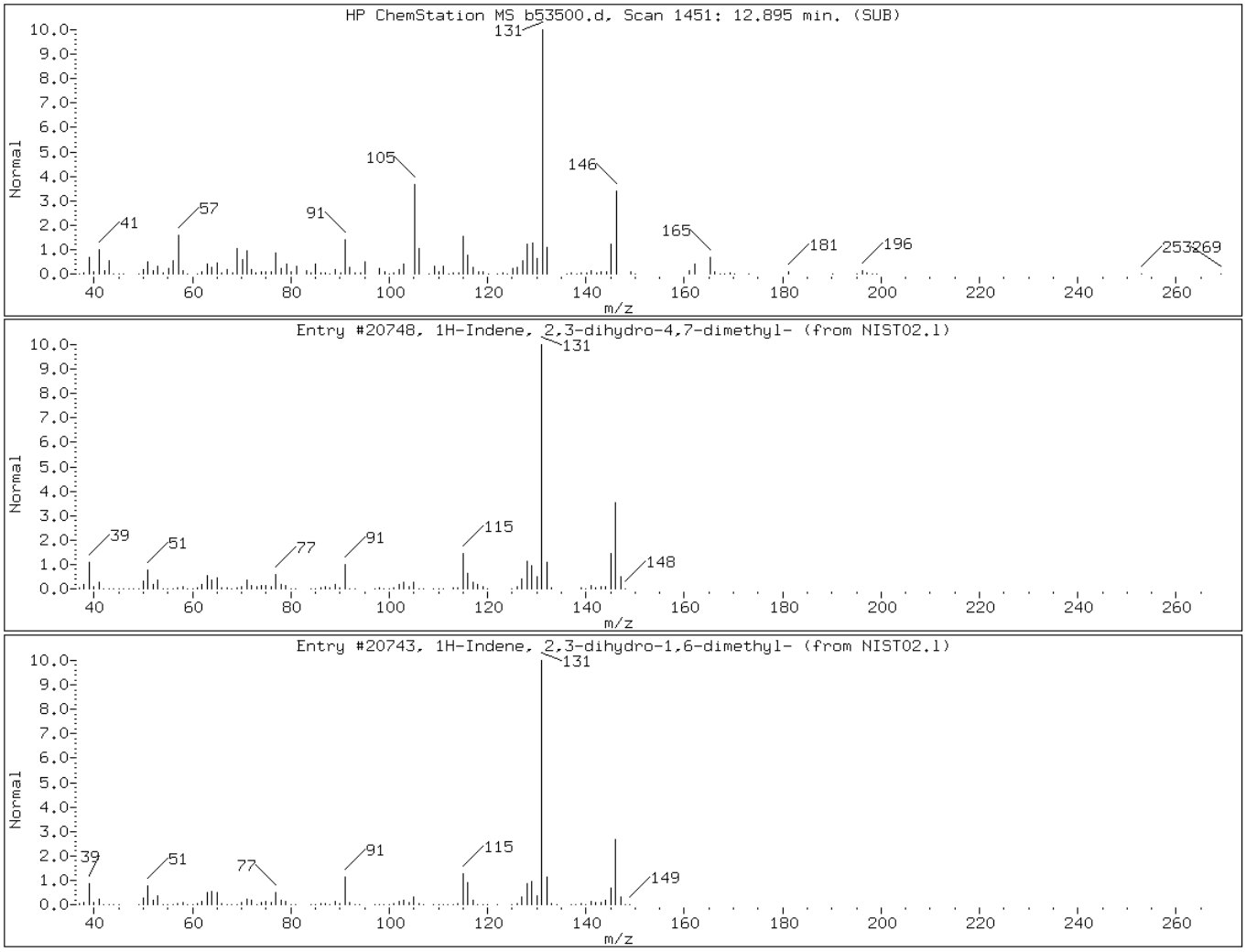
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20748	94	C11H14	146
1H-Indene, 2,3-dihydro-1,6-dimethy	17059-48-2	NIST02.l	20743	89	C11H14	146



Data File: b53500.d

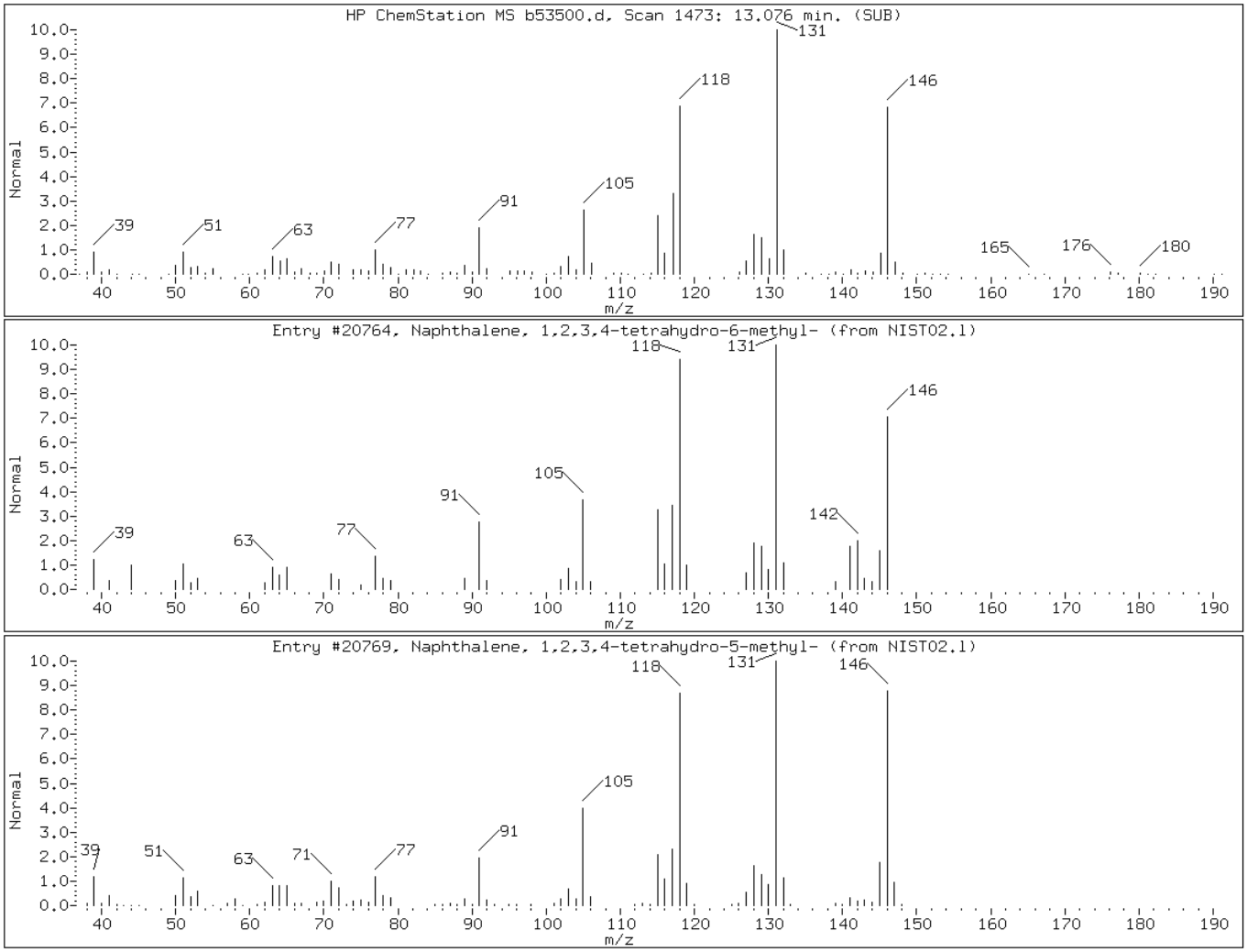
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 13.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20764	94	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20769	91	C11H14	146



Data File: b53500.d

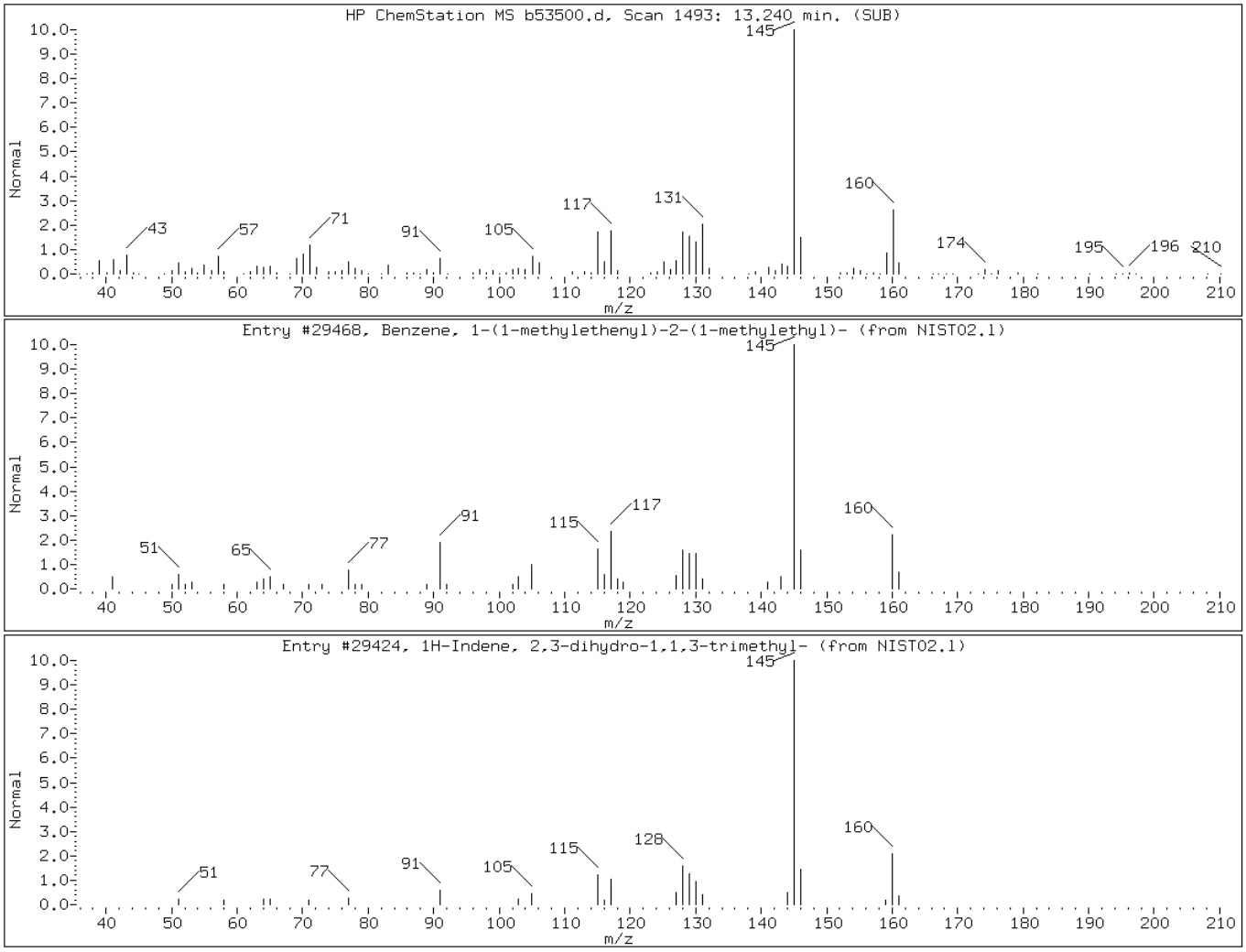
Date: 19-MAR-2013 13:07

Client ID: PMP-7-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-21-A;50;;6.01;5 Operator:

Retention Time: 13.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	91	C12H16	160
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	90	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI | Lab Sample ID: 460-52450-22

Matrix: Solid | Lab File ID: b53561.d

Analysis Method: 8260B | Date Collected: 03/14/2013 13:55

Sample wt/vol: 6.16(g) | Date Analyzed: 03/20/2013 13:19

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.4 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	6.0	U	97	6.0
79-34-5	1,1,2,2-Tetrachloroethane	15	U	97	15
79-00-5	1,1,2-Trichloroethane	22	J	97	18
75-34-3	1,1-Dichloroethane	13	U	97	13
75-35-4	1,1-Dichloroethene	8.6	U	97	8.6
87-61-6	1,2,3-Trichlorobenzene	2300		97	50
120-82-1	1,2,4-Trichlorobenzene	11000		97	33
96-12-8	1,2-Dibromo-3-Chloropropane	39	U	97	39
106-93-4	1,2-Dibromoethane	27	U	97	27
95-50-1	1,2-Dichlorobenzene	100		97	20
107-06-2	1,2-Dichloroethane	18	U	97	18
78-87-5	1,2-Dichloropropane	8.4	U	97	8.4
541-73-1	1,3-Dichlorobenzene	14	J	97	13
106-46-7	1,4-Dichlorobenzene	65	J	97	23
123-91-1	1,4-Dioxane	3500	U	4900	3500
78-93-3	2-Butanone	230	U	490	230
591-78-6	2-Hexanone	49	U	490	49
108-10-1	4-Methyl-2-pentanone	96	U	490	96
67-64-1	Acetone	260	U	490	260
71-43-2	Benzene	8.0	U	97	8.0
74-97-5	Bromochloromethane	27	U	97	27
75-27-4	Bromodichloromethane	12	U	97	12
75-25-2	Bromoform	19	U	97	19
74-83-9	Bromomethane	18	U	97	18
75-15-0	Carbon disulfide	12	U	97	12
56-23-5	Carbon tetrachloride	5.5	U	97	5.5
108-90-7	Chlorobenzene	11	U	97	11
75-00-3	Chloroethane	16	U	97	16
67-66-3	Chloroform	77	J	97	7.6
74-87-3	Chloromethane	9.4	U	97	9.4
156-59-2	cis-1,2-Dichloroethene	17	U	97	17
10061-01-5	cis-1,3-Dichloropropene	18	U	97	18
110-82-7	Cyclohexane	15	U	97	15
124-48-1	Dibromochloromethane	19	U	97	19
75-71-8	Dichlorodifluoromethane	21	U	97	21
100-41-4	Ethylbenzene	160		97	9.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI Lab Sample ID: 460-52450-22

Matrix: Solid Lab File ID: b53561.d

Analysis Method: 8260B Date Collected: 03/14/2013 13:55

Sample wt/vol: 6.16(g) Date Analyzed: 03/20/2013 13:19

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.4 Level: (low/med) Medium

Analysis Batch No.: 151869 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	8.0	U	97	8.0
98-82-8	Isopropylbenzene	590		97	7.4
79-20-9	Methyl acetate	33	U	190	33
108-87-2	Methylcyclohexane	1100		97	13
75-09-2	Methylene Chloride	18	U	97	18
1634-04-4	MTBE	13	U	97	13
100-42-5	Styrene	12	U	97	12
127-18-4	Tetrachloroethene	19	J	97	9.4
108-88-3	Toluene	38	J	97	15
156-60-5	trans-1,2-Dichloroethene	13	U	97	13
10061-02-6	trans-1,3-Dichloropropene	24	U	97	24
79-01-6	Trichloroethene	8.9	U	97	8.9
75-69-4	Trichlorofluoromethane	14	U	97	14
75-01-4	Vinyl chloride	14	U	97	14
1330-20-7	Xylenes, Total	1300		290	35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		75-135
2037-26-5	Toluene-d8 (Surr)	68		59-150
460-00-4	Bromofluorobenzene	81		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI | Lab Sample ID: 460-52450-22

Matrix: Solid | Lab File ID: b53561.d

Analysis Method: 8260B | Date Collected: 03/14/2013 13:55

Sample wt/vol: 6.16(g) | Date Analyzed: 03/20/2013 13:19

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.4 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 382000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	11.12	27000	J
	Coeluting Aromatics	11.47	29000	J
	Unknown Alkane-1	11.94	45000	J
	Unknown Aromatic	12.05	59000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.43	42000	J
	Unknown Alkane/Unknown	12.72	43000	J
	Tetrahydromethylnaphthalene isomer	13.08	42000	J
	2,3-dihydro-trimethyl-1H-Indene isomer	13.24	33000	J
	Unknown Aromatic-1	13.41	29000	J
91-57-6	Naphthalene, 2-methyl-	13.66	33000	J N

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53561.d
Report Date: 24-Mar-2013 15:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53561.d
Lab Smp Id: 460-52450-B-22-A Client Smp ID: PMP-7-NE-SI
Inj Date : 20-MAR-2013 13:19
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-22-A;100;;6.16;5
Misc Info : 460-52450-B-22-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/8260_09.m
Meth Date : 20-Mar-2013 04:31 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 23
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.16000	Weight of sample extracted (g)
M	16.40625	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	29 Hexane	43	3.134	3.134	(0.600)	5019	1.50594	150
	42 Chloroform	83	4.328	4.328	(0.828)	5286	0.79201	77(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.939)	70861	19.4938	1900
*	52 Fluorobenzene	96	5.225	5.225	(1.000)	613208	50.0000	
	56 Methyl cyclohexane	83	5.784	5.784	(1.107)	48403	10.9552	1100
$	65 Toluene-d8 (SUR)	98	7.225	7.225	(0.823)	154037	17.1118	1700
	66 Toluene	91	7.299	7.299	(0.831)	6375	0.39384	38(a)
	69 1,1,2-Trichloroethane	83	7.809	7.858	(0.889)	835	0.22618	22(a)
	71 Tetrachloroethene	166	7.875	7.875	(0.897)	692	0.19553	19(a)
*	78 Chlorobenzene-d5	117	8.780	8.780	(1.000)	443757	50.0000	
	81 Ethylbenzene	106	8.895	8.895	(1.013)	8177	1.61548	160
	82 m+p-Xylene	106	9.010	9.010	(1.026)	34255	5.44248	530
	84 o-Xylene	106	9.381	9.373	(1.068)	47191	7.74090	750
	88 Isopropylbenzene	105	9.693	9.694	(1.104)	90908	6.02956	580
$	89 Bromofluorobenzene (SUR)	174	9.875	9.866	(0.912)	66076	20.2738	2000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53561.d
Report Date: 24-Mar-2013 15:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	95 n-Propylbenzene	91	10.056	10.047	(0.929)	161306	7.96153	770
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	325871	24.5617	2400
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	6721	0.62137	60(a)
	101 1,2,4-Trimethylbenzene	105	10.516	10.517	(0.971)	759981	56.4445	5500
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	295509	15.5050	1500
	105 1,3-Dichlorobenzene	146	10.772	10.763	(0.995)	1083	0.14079	14(a)
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	222652	50.0000	
	109 1,4-Dichlorobenzene	146	10.846	10.846	(1.002)	5236	0.66807	65(a)
	171 Indan	117	11.027	11.027	(2.110)	205716	16.9021	1600
	106 n-Butylbenzene	91	11.084	11.084	(1.024)	338591	19.9733	1900
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	8006	1.07362	100
	114 1,2,4-Trichlorobenzene	180	12.385	12.385	(1.144)	538375	115.894	11000
	116 Naphthalene	128	12.599	12.599	(1.163)	800555	54.8206	5300
	117 1,2,3-Trichlorobenzene	180	12.804	12.804	(1.182)	105213	23.9560	2300
M	121 Xylene (Total)	100				81446	13.1834	1300

QC Flag Legend

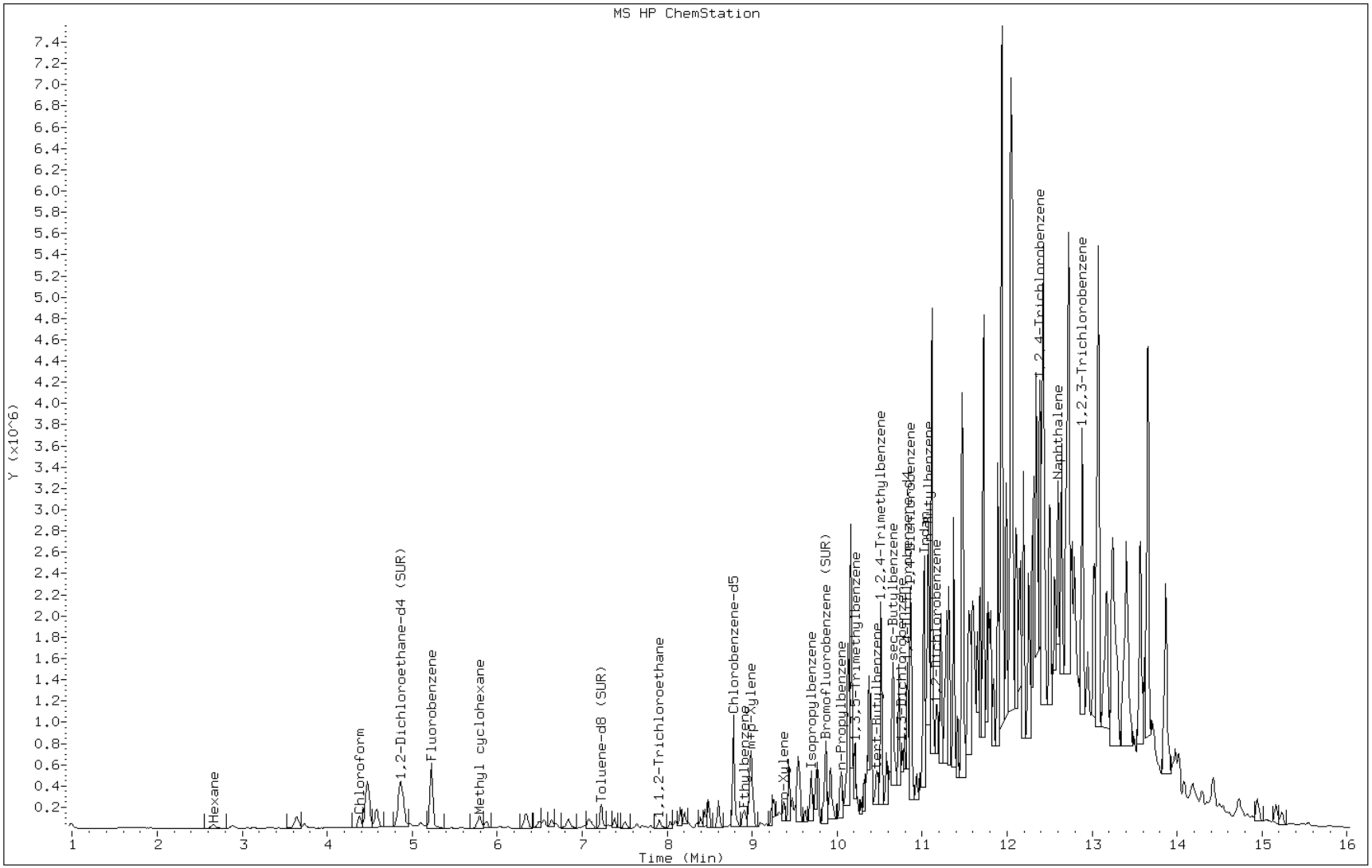
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:



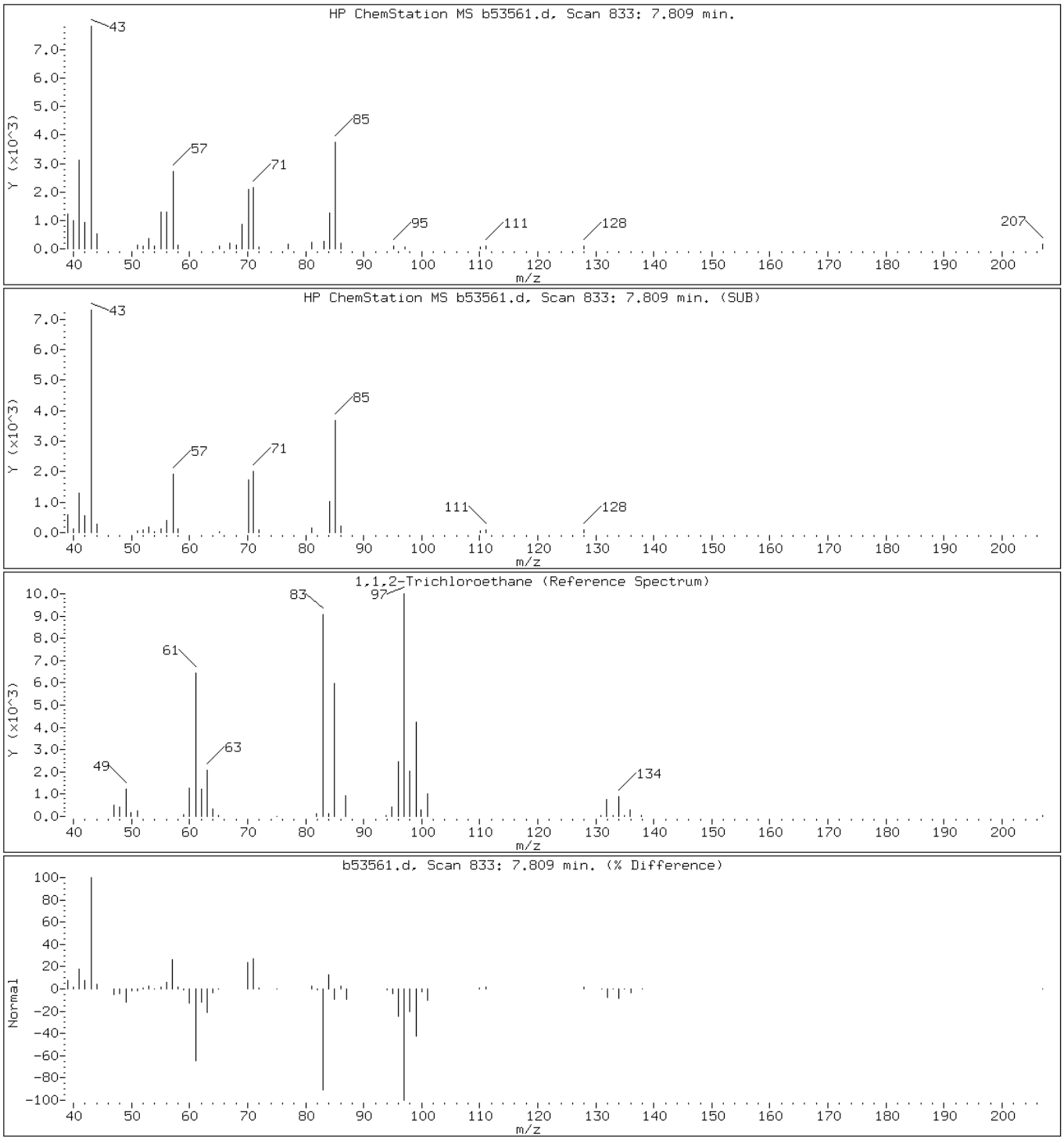
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

69 1,1,2-Trichloroethane



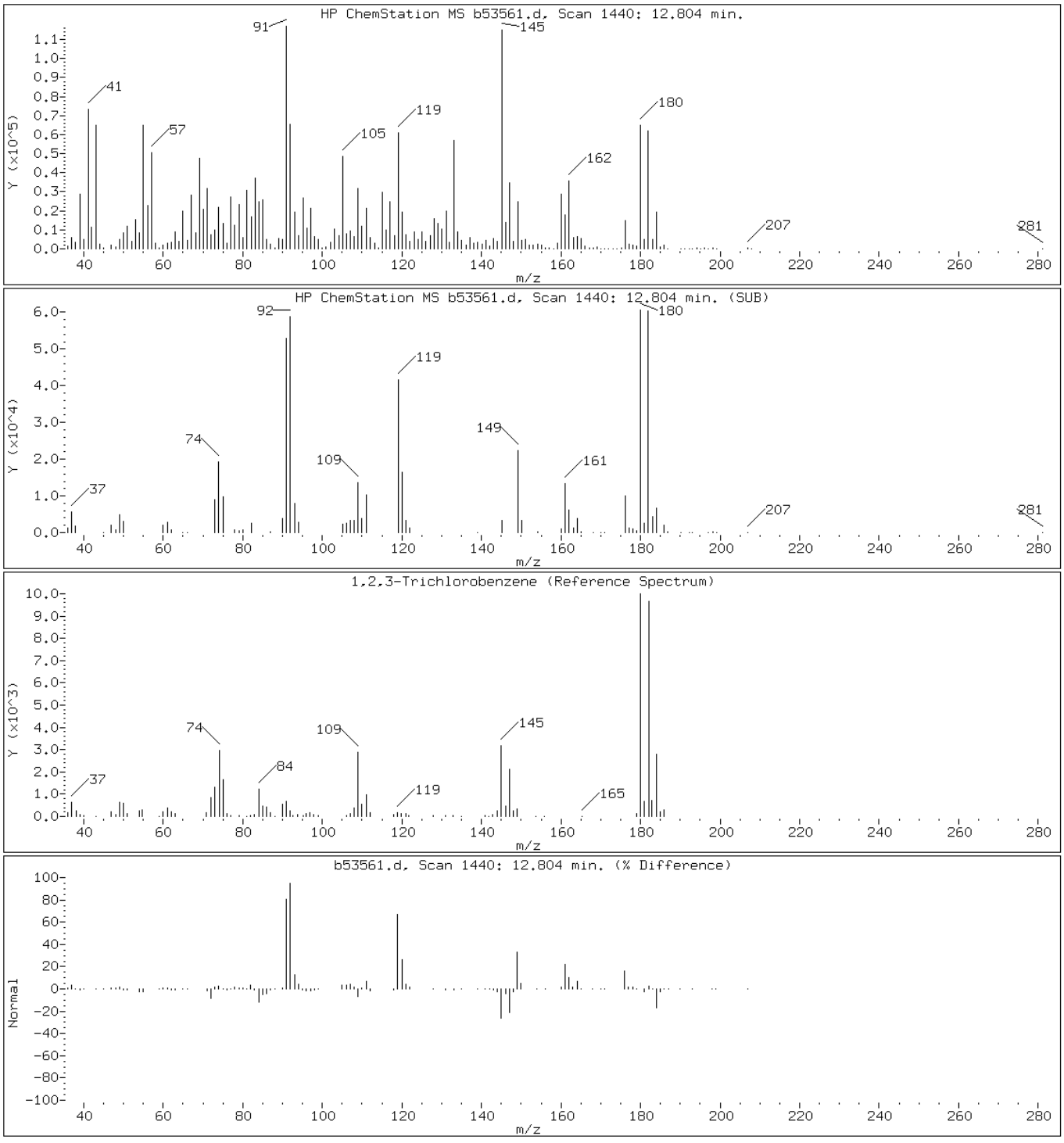
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

117 1,2,3-Trichlorobenzene



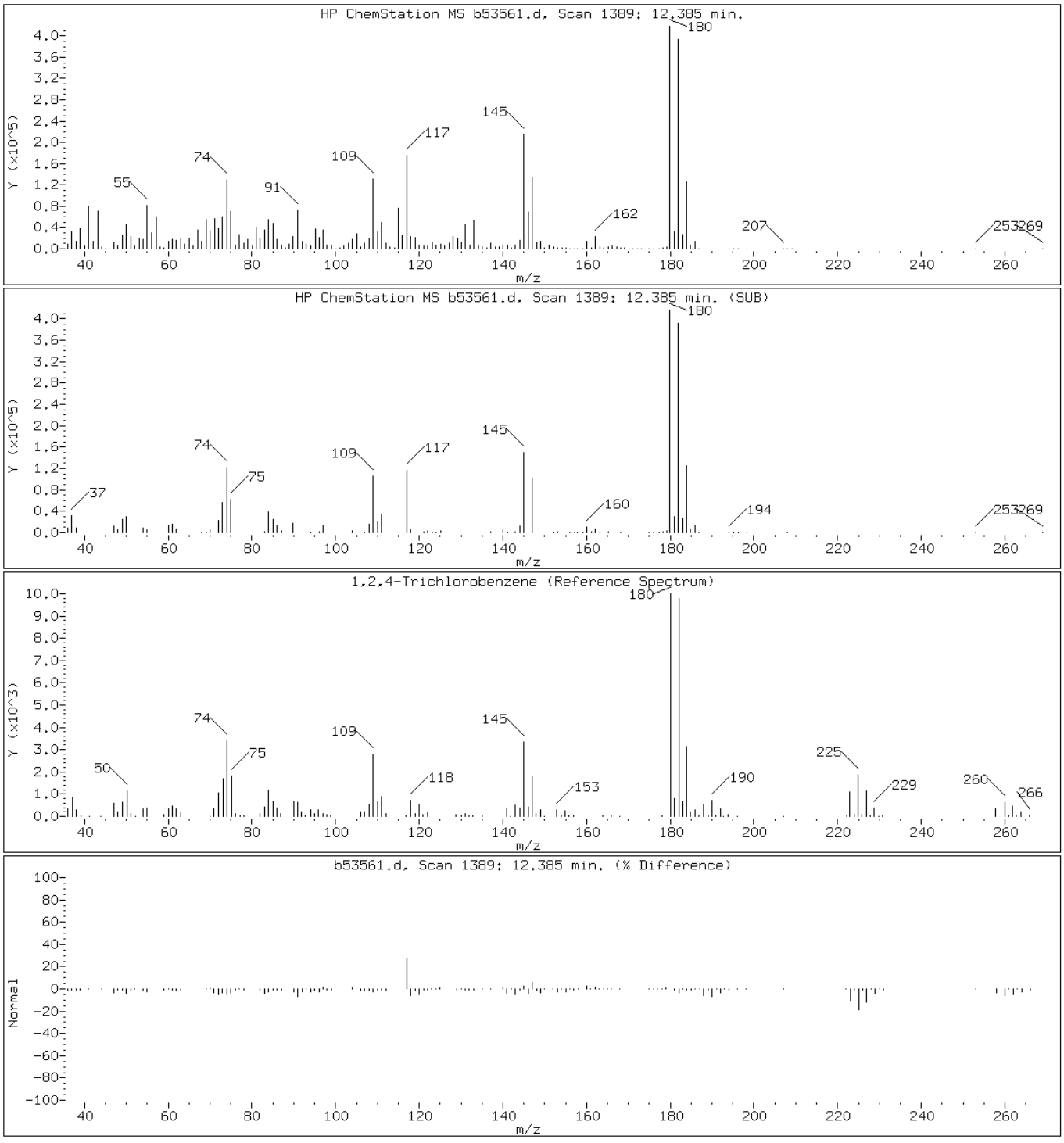
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

114 1,2,4-Trichlorobenzene



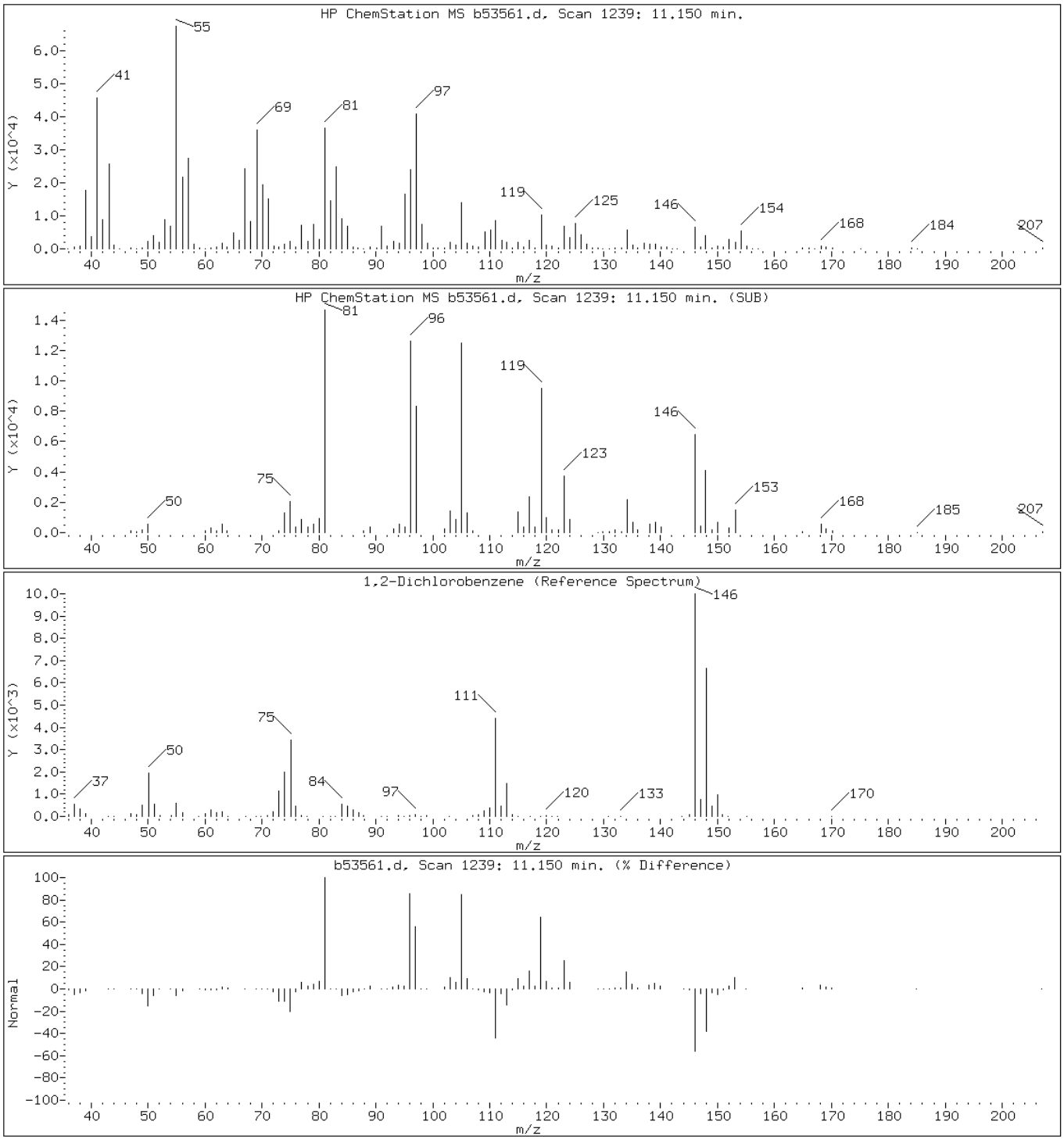
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

111 1,2-Dichlorobenzene



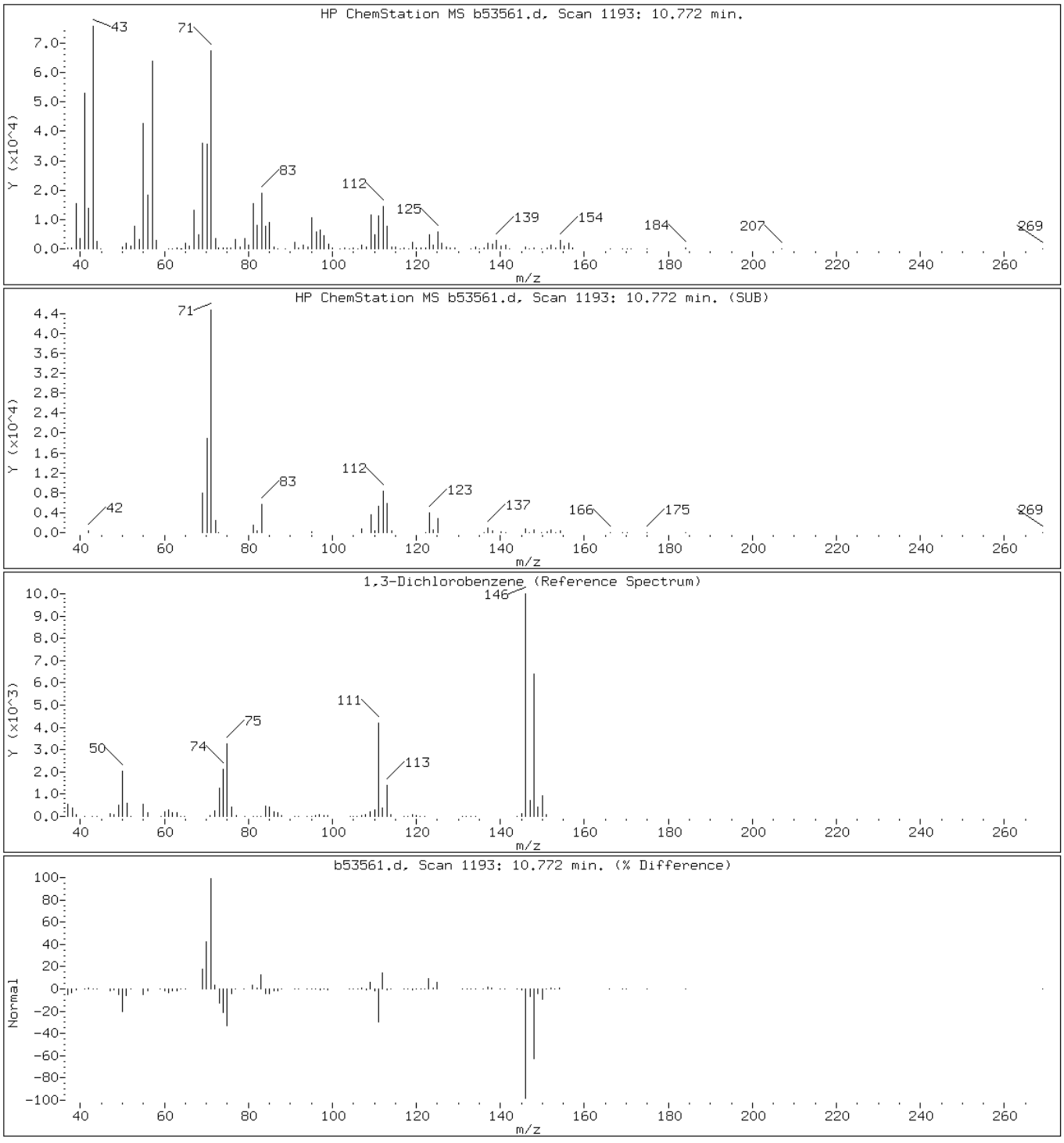
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

105 1,3-Dichlorobenzene



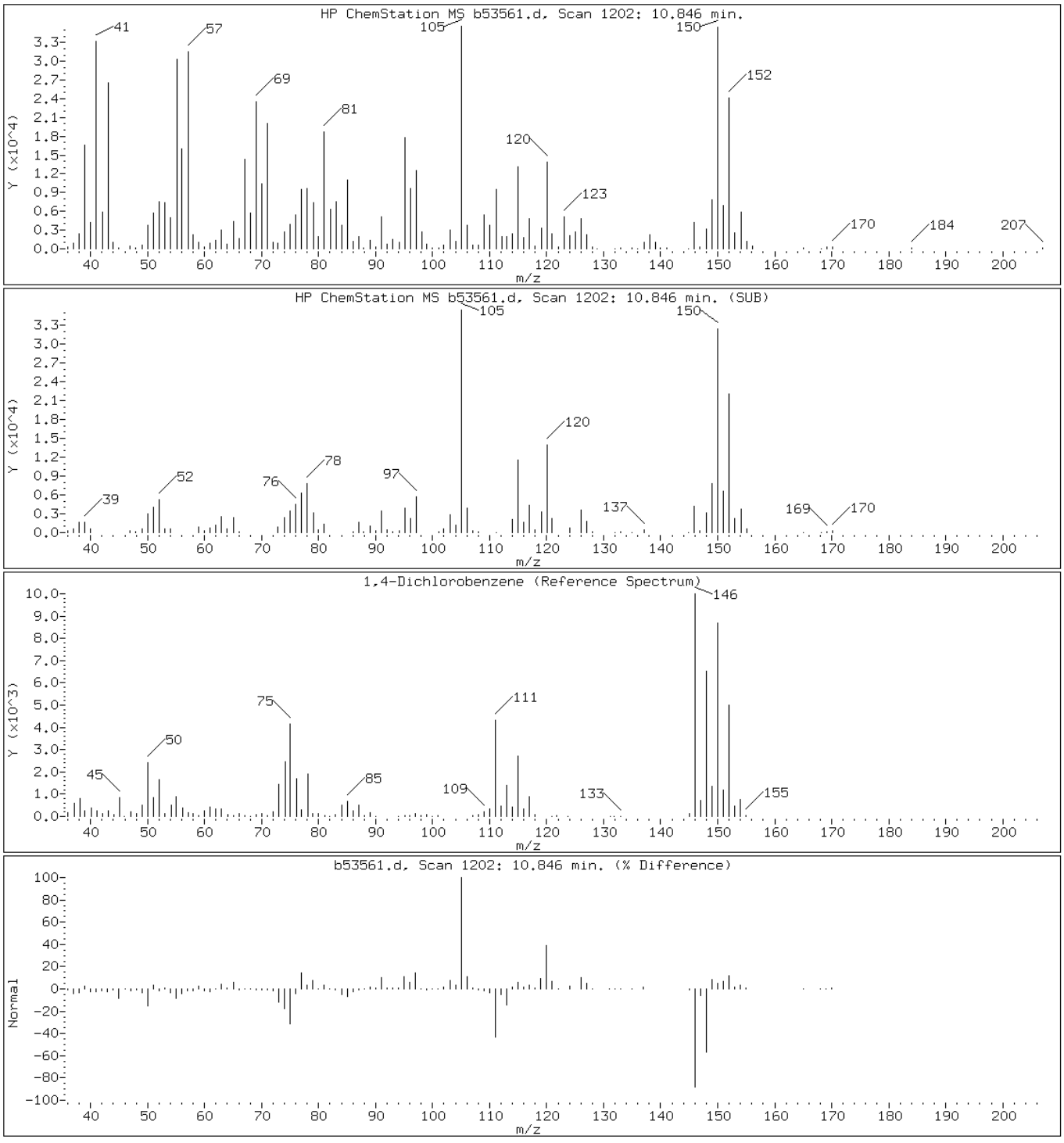
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

109 1,4-Dichlorobenzene



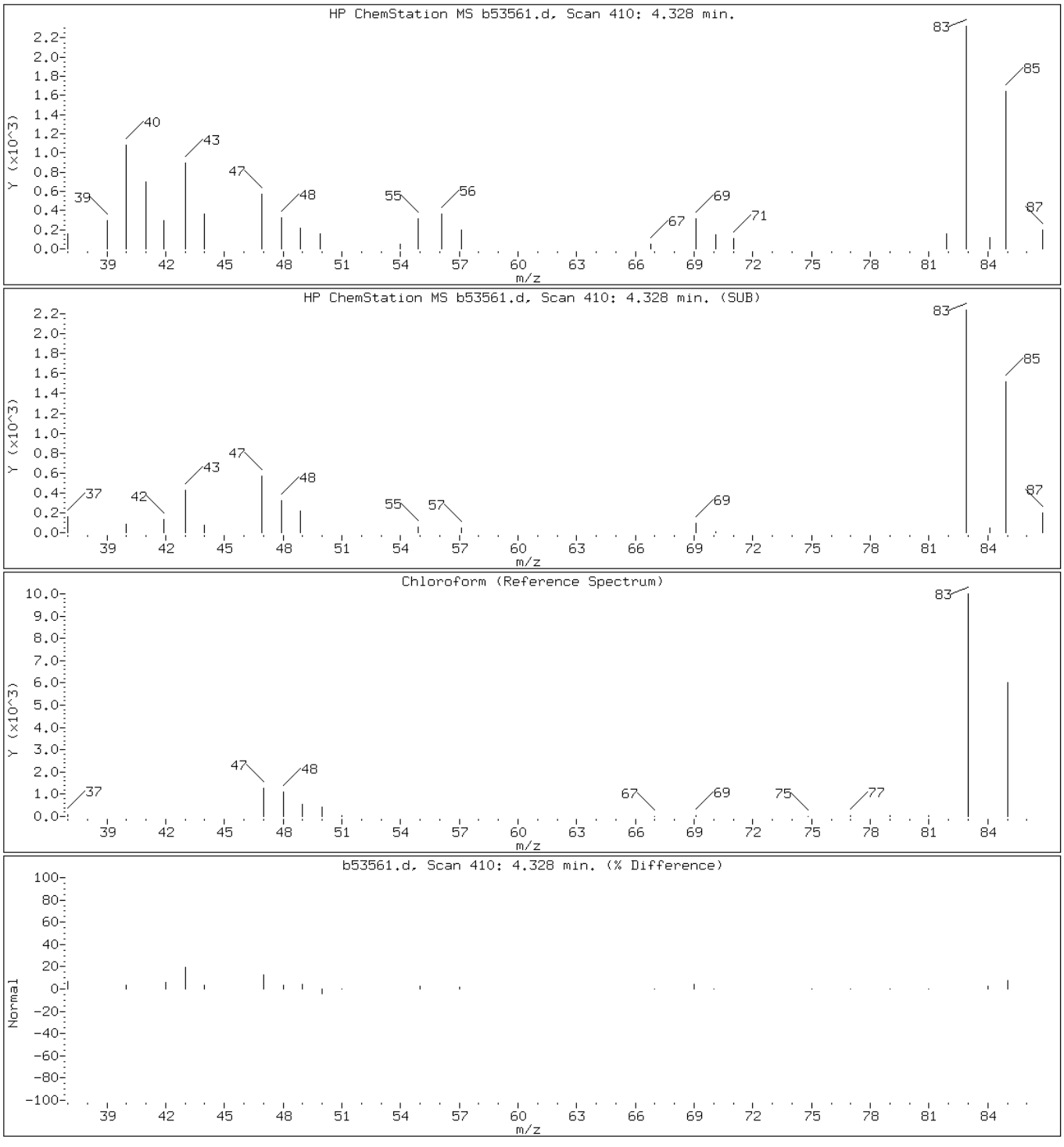
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

42 Chloroform



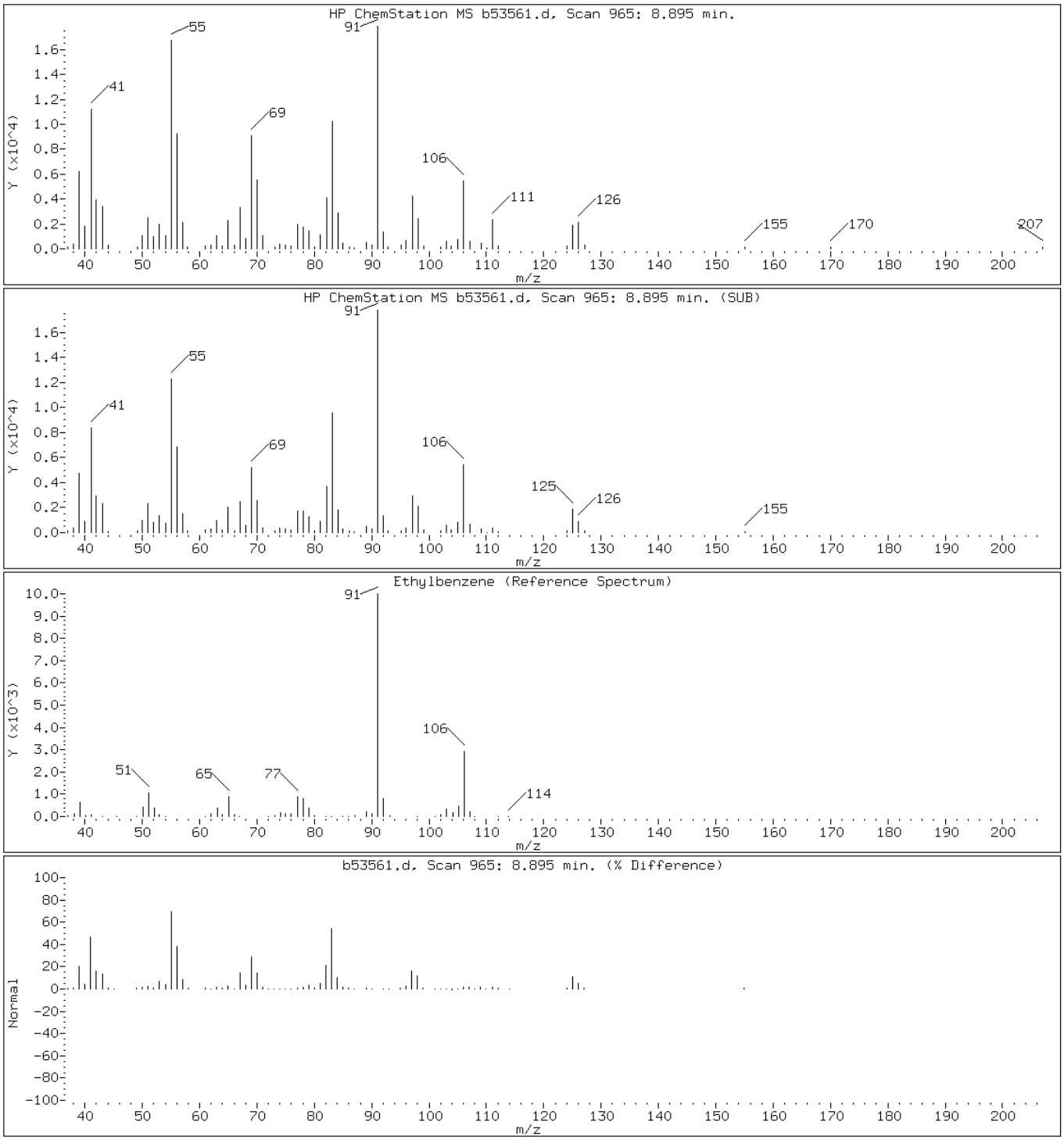
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

81 Ethylbenzene



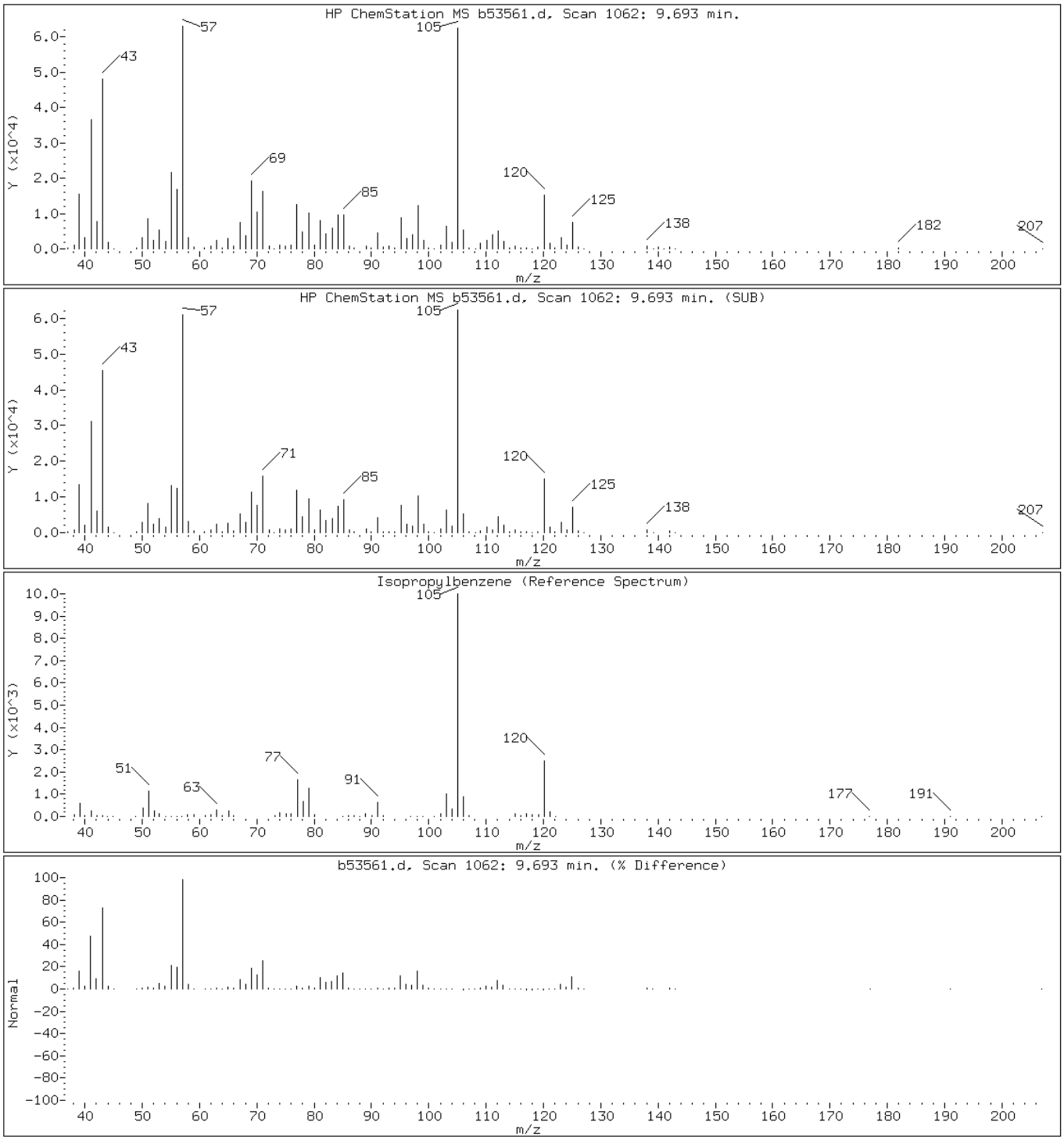
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

88 Isopropylbenzene



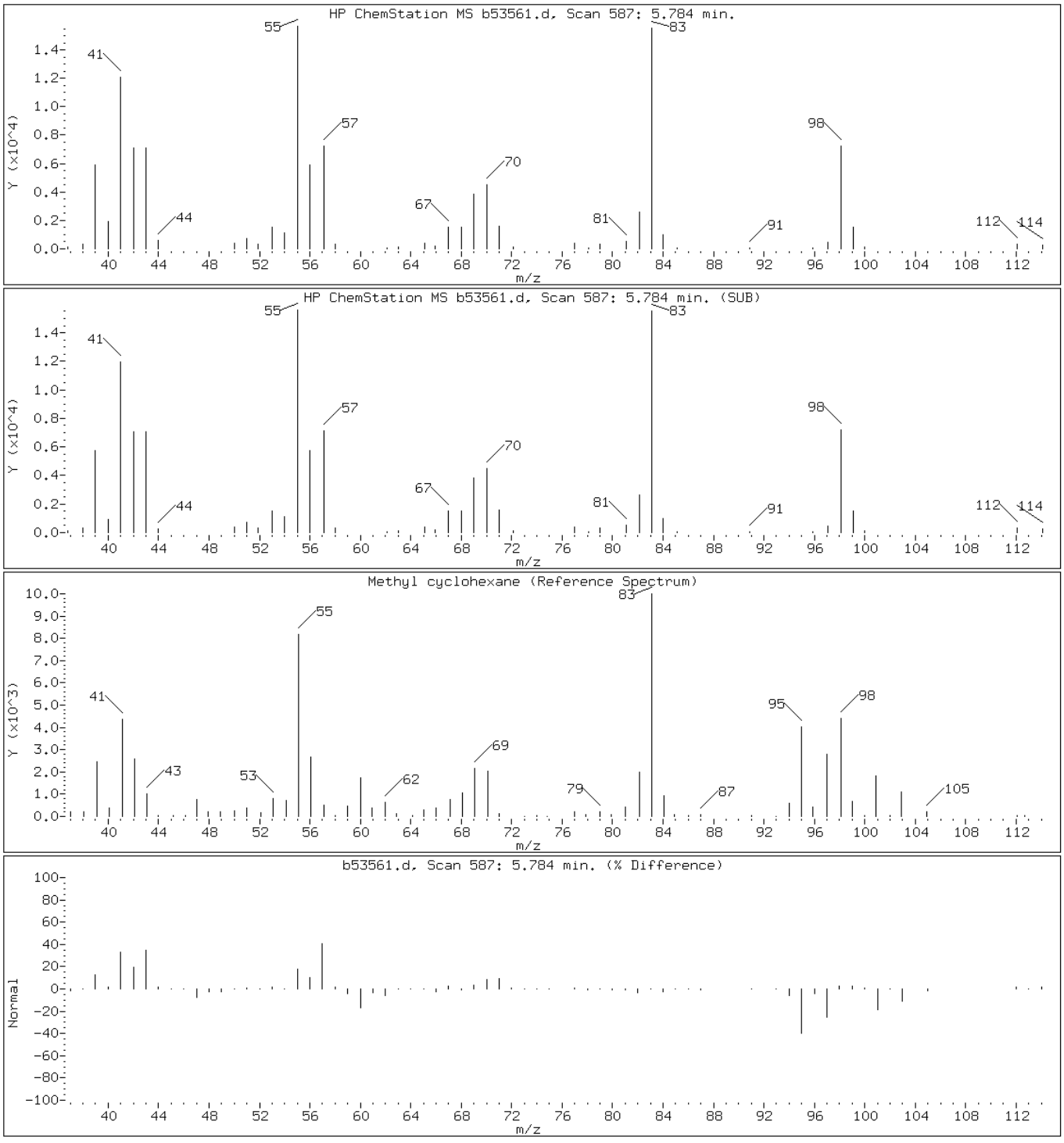
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

56 Methyl cyclohexane



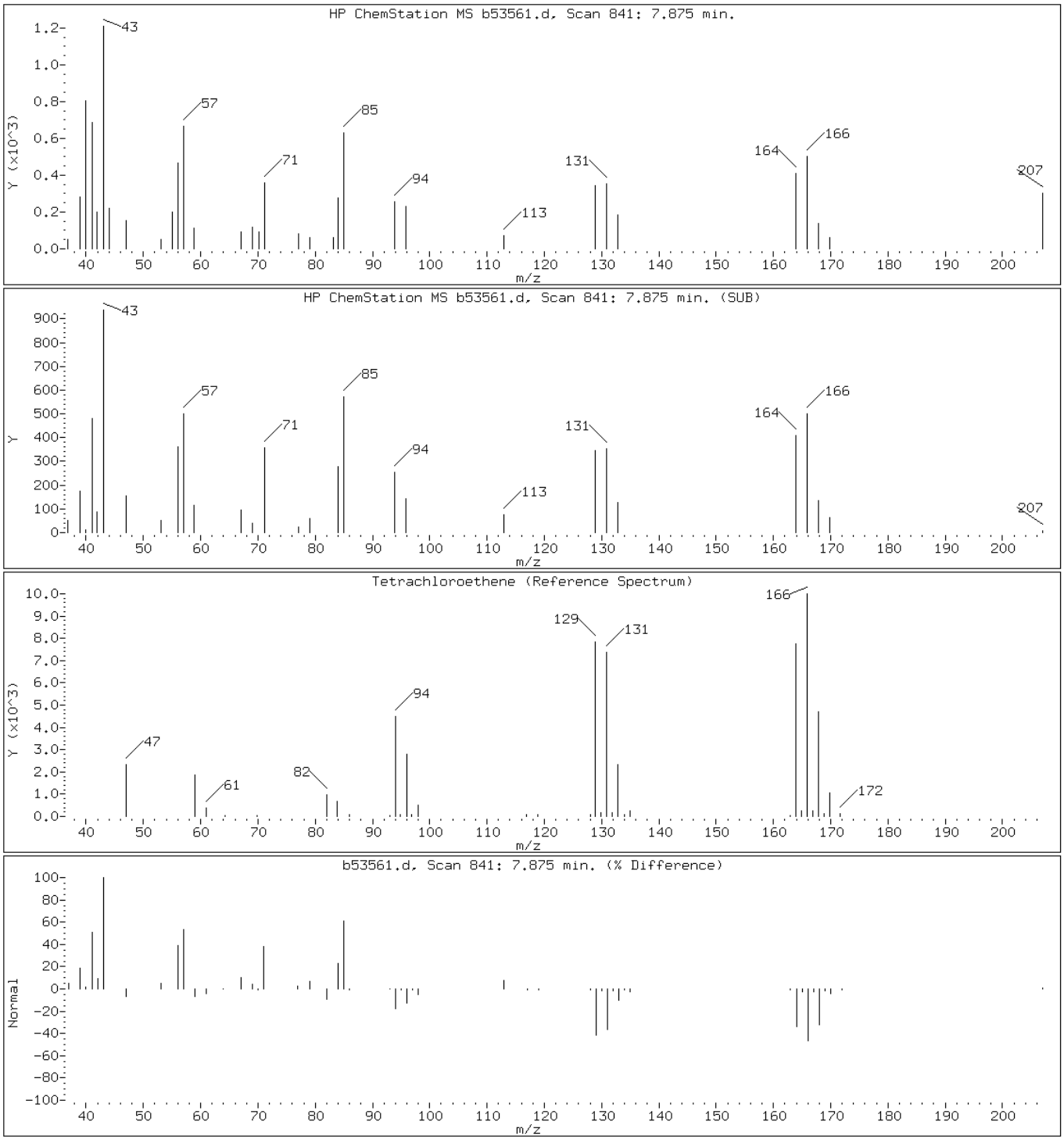
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

71 Tetrachloroethene



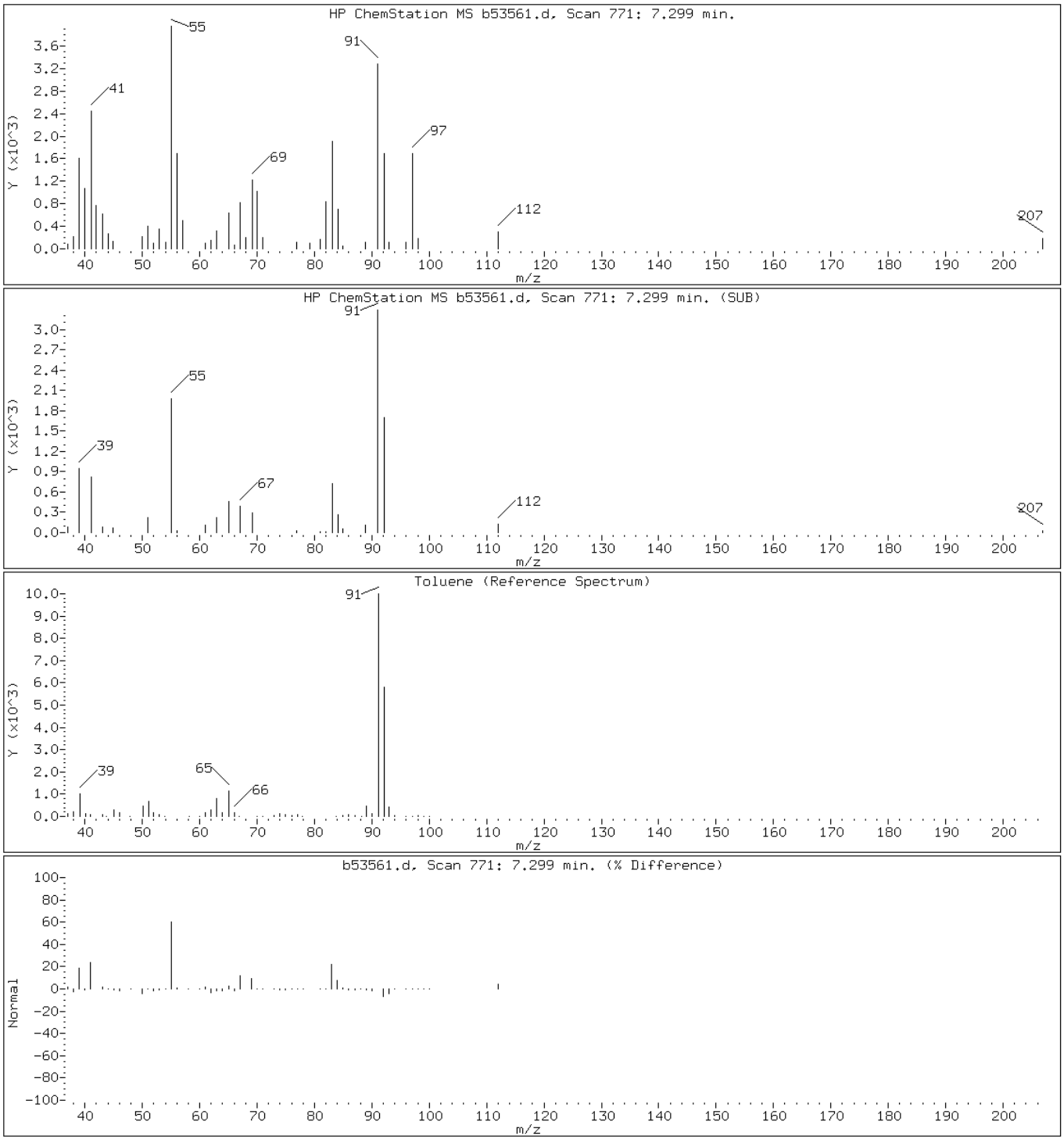
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

66 Toluene



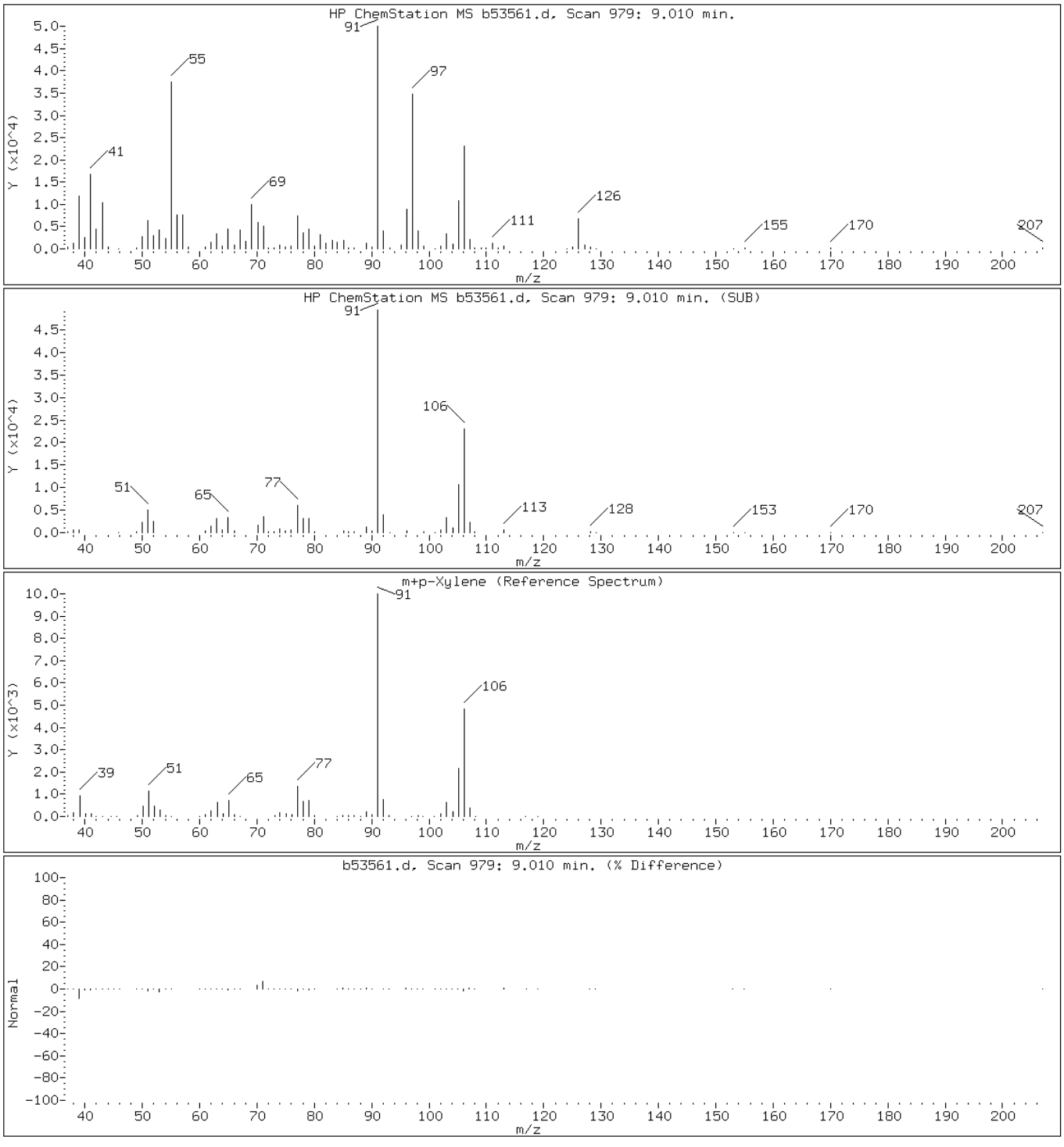
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

82 m+p-Xylene



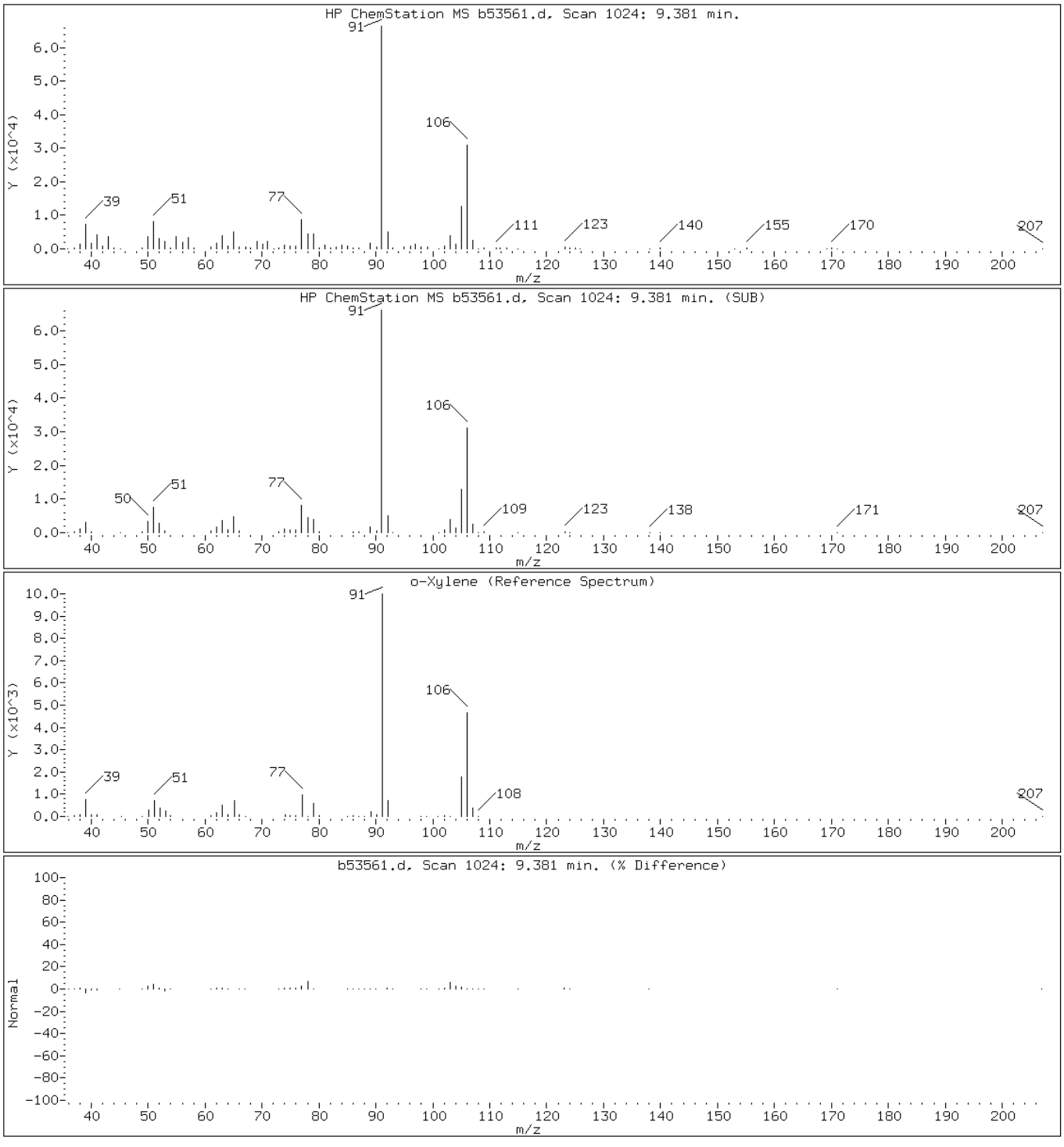
Data File: b53561.d

Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

84 o-Xylene



Data File: b53561.d

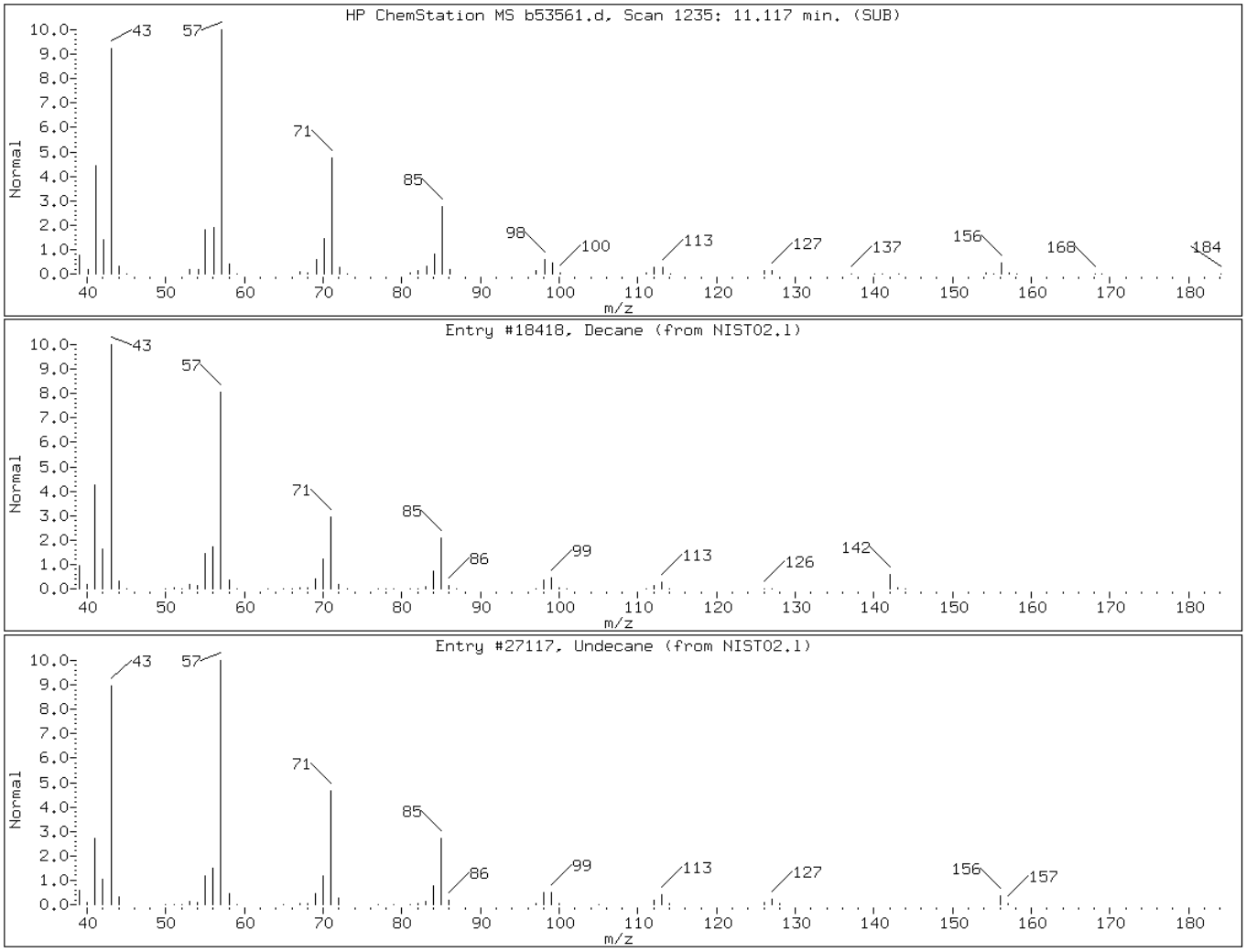
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 11.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Decane	124-18-5	NIST02.l	18418	91	C10H22	142
Undecane	1120-21-4	NIST02.l	27117	91	C11H24	156



Data File: b53561.d

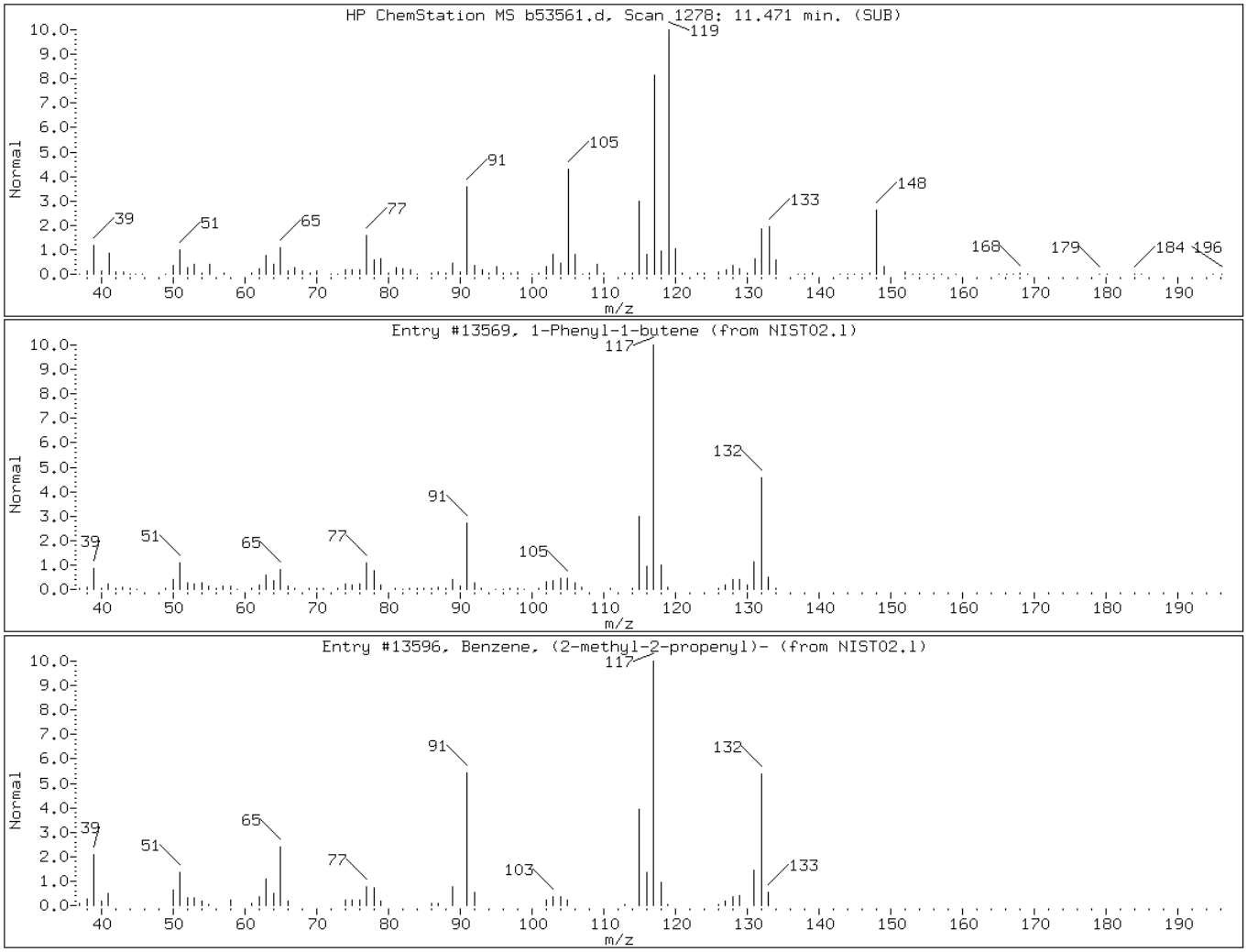
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 11.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	50	C10H12	132
Benzene, (2-methyl-2-propenyl)-	3290-53-7	NIST02.l	13596	50	C10H12	132



Data File: b53561.d

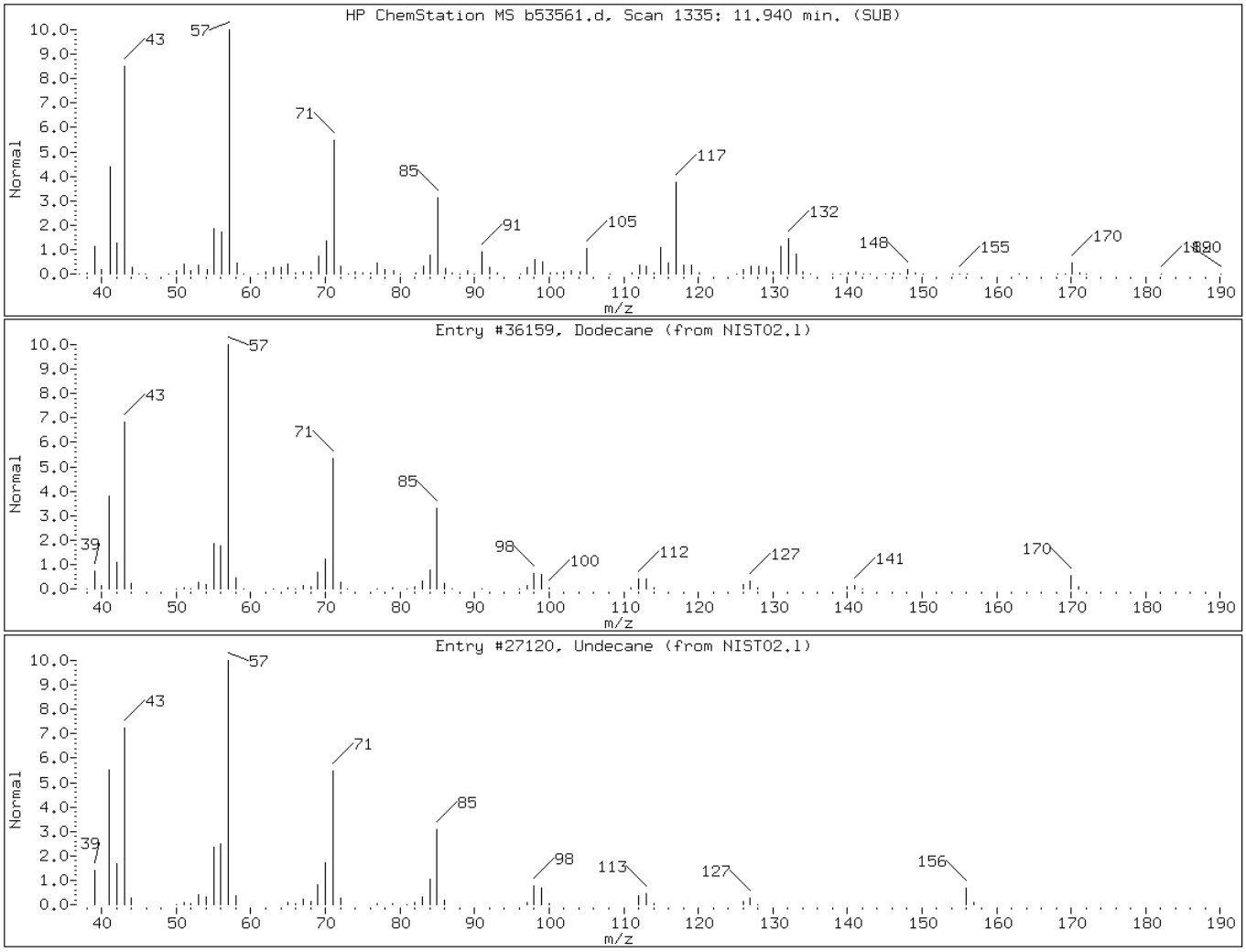
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 11.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	92	C12H26	170
Undecane	1120-21-4	NIST02.l	27120	55	C11H24	156



Data File: b53561.d

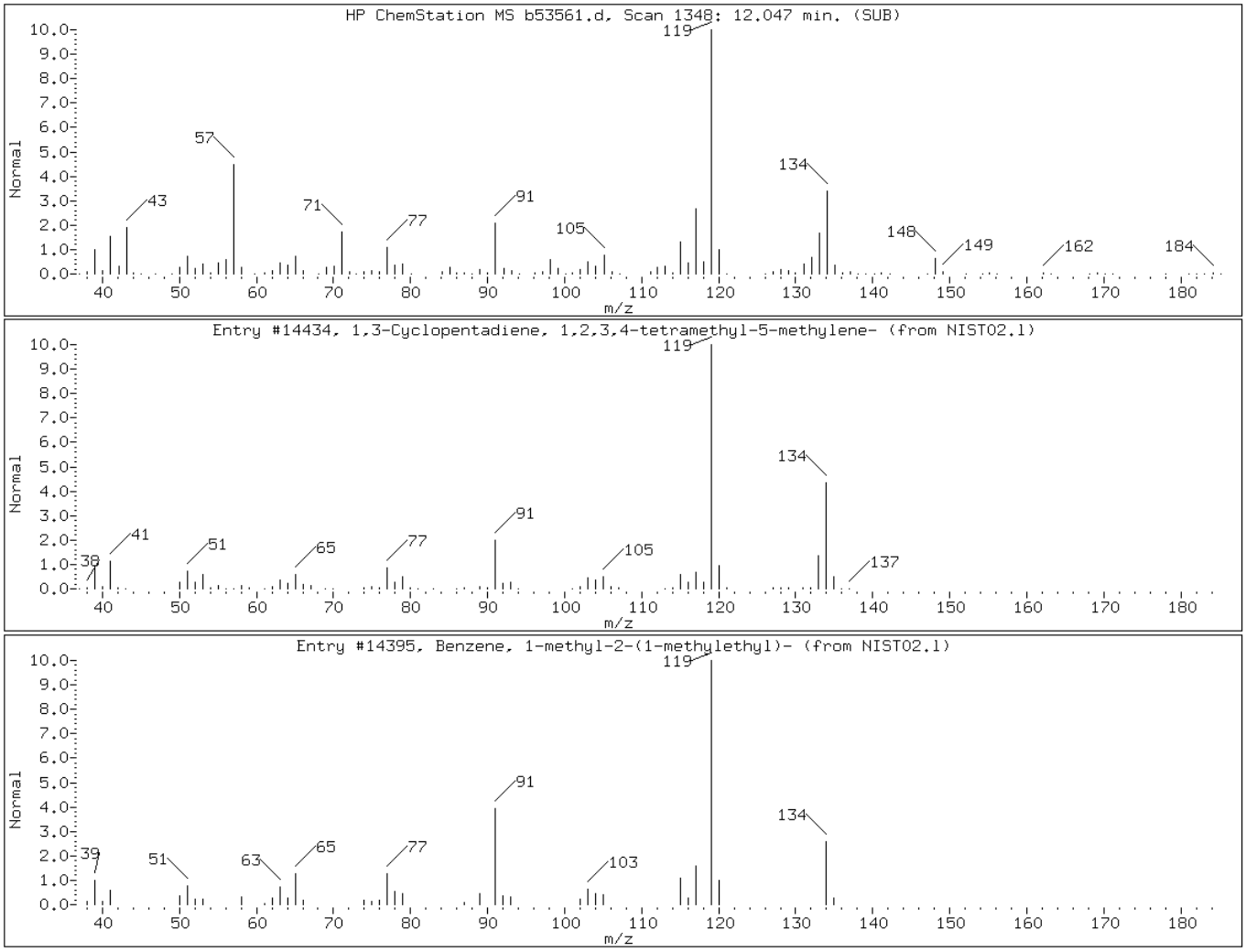
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
1,3-Cyclopentadiene, 1,2,3,4-tetra	76089-59-3	NIST02.l	14434	81	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14395	76	C10H14	134



Data File: b53561.d

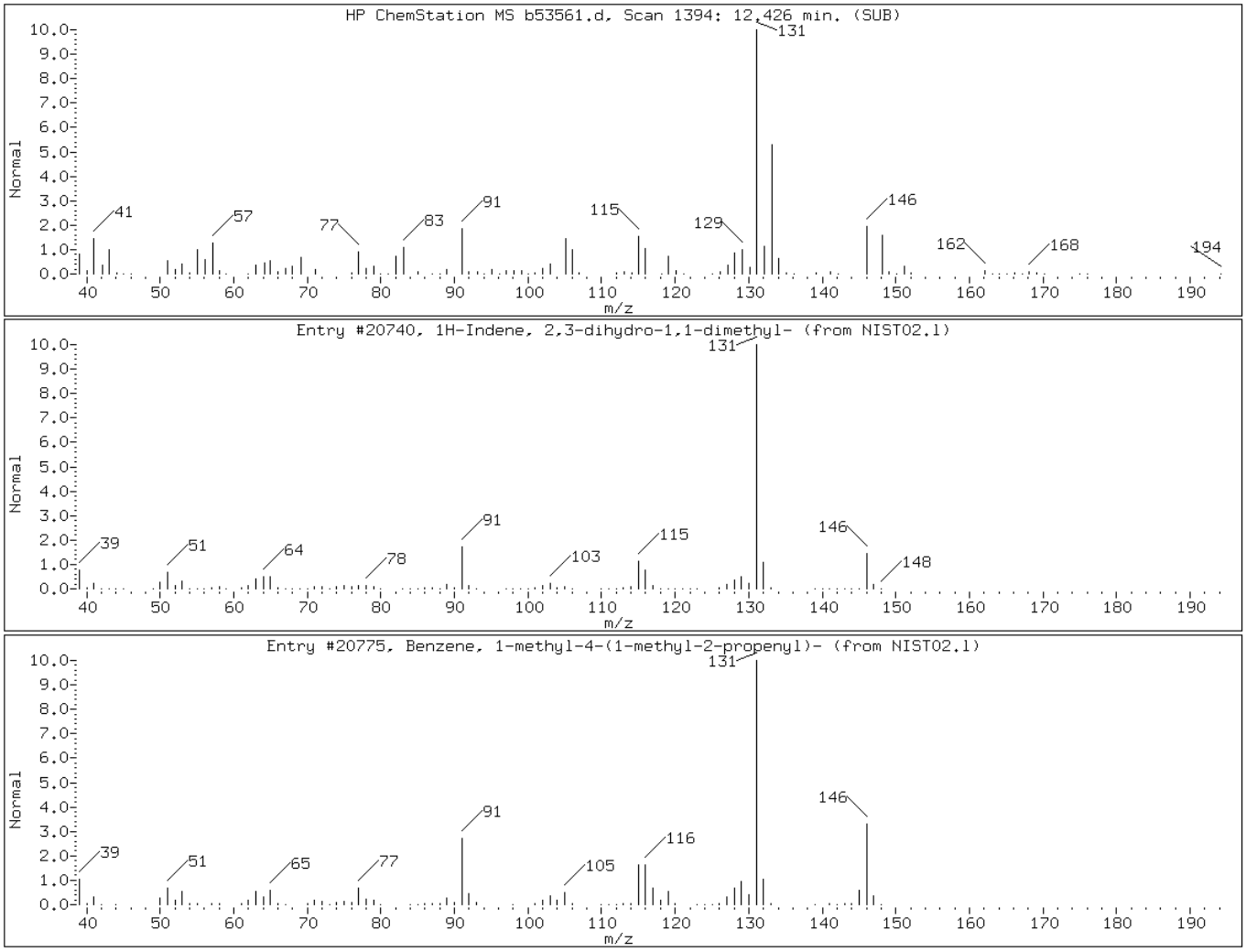
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 12.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,1-dimethy	4912-92-9	NIST02.l	20740	64	C11H14	146
Benzene, 1-methyl-4-(1-methyl-2-pr	97664-18-1	NIST02.l	20775	64	C11H14	146



Data File: b53561.d

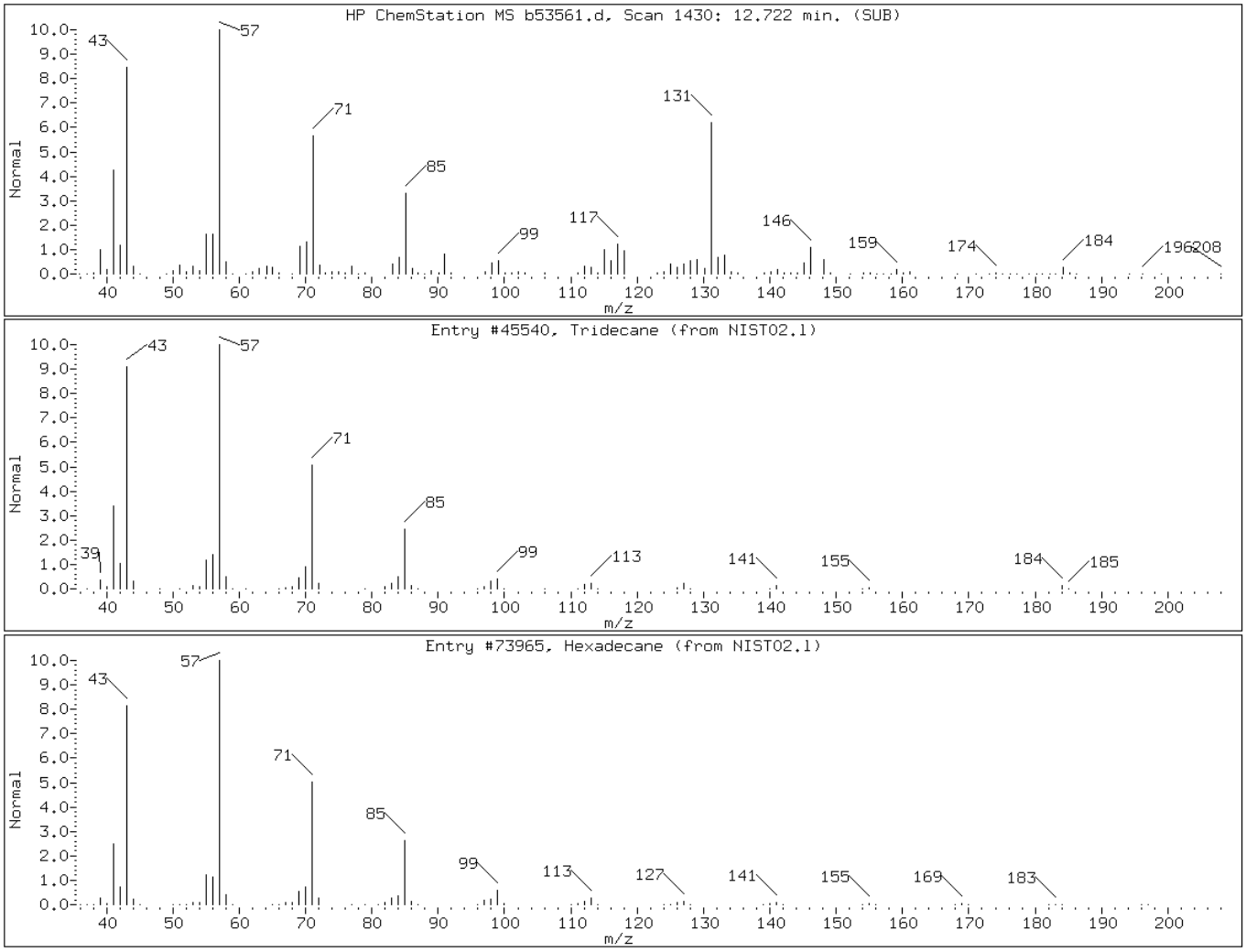
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 12.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown						
Tridecane	629-50-5	NIST02.l	45540	64	C13H28	184
Hexadecane	544-76-3	NIST02.l	73965	43	C16H34	226



Data File: b53561.d

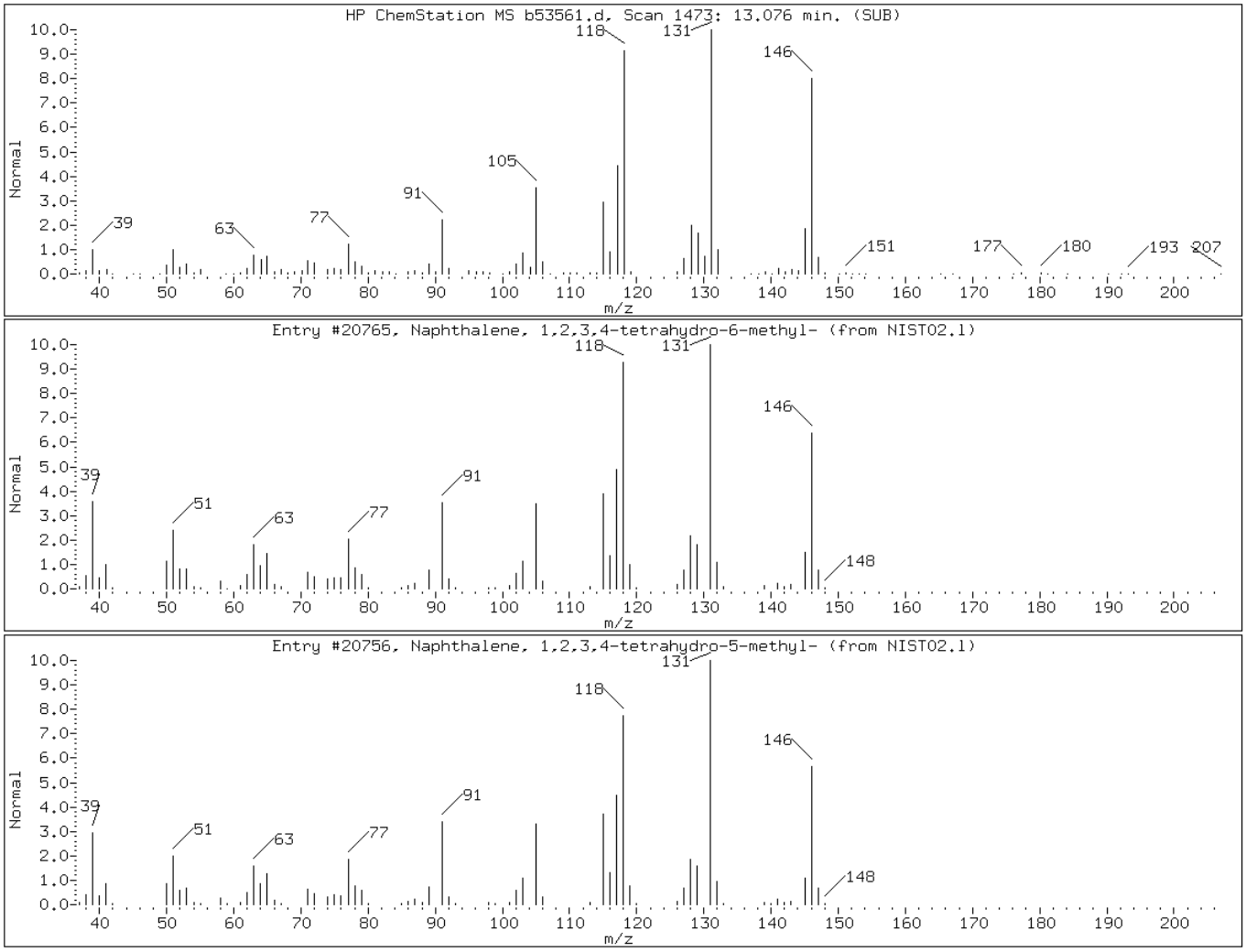
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 13.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20765	97	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20756	94	C11H14	146



Data File: b53561.d

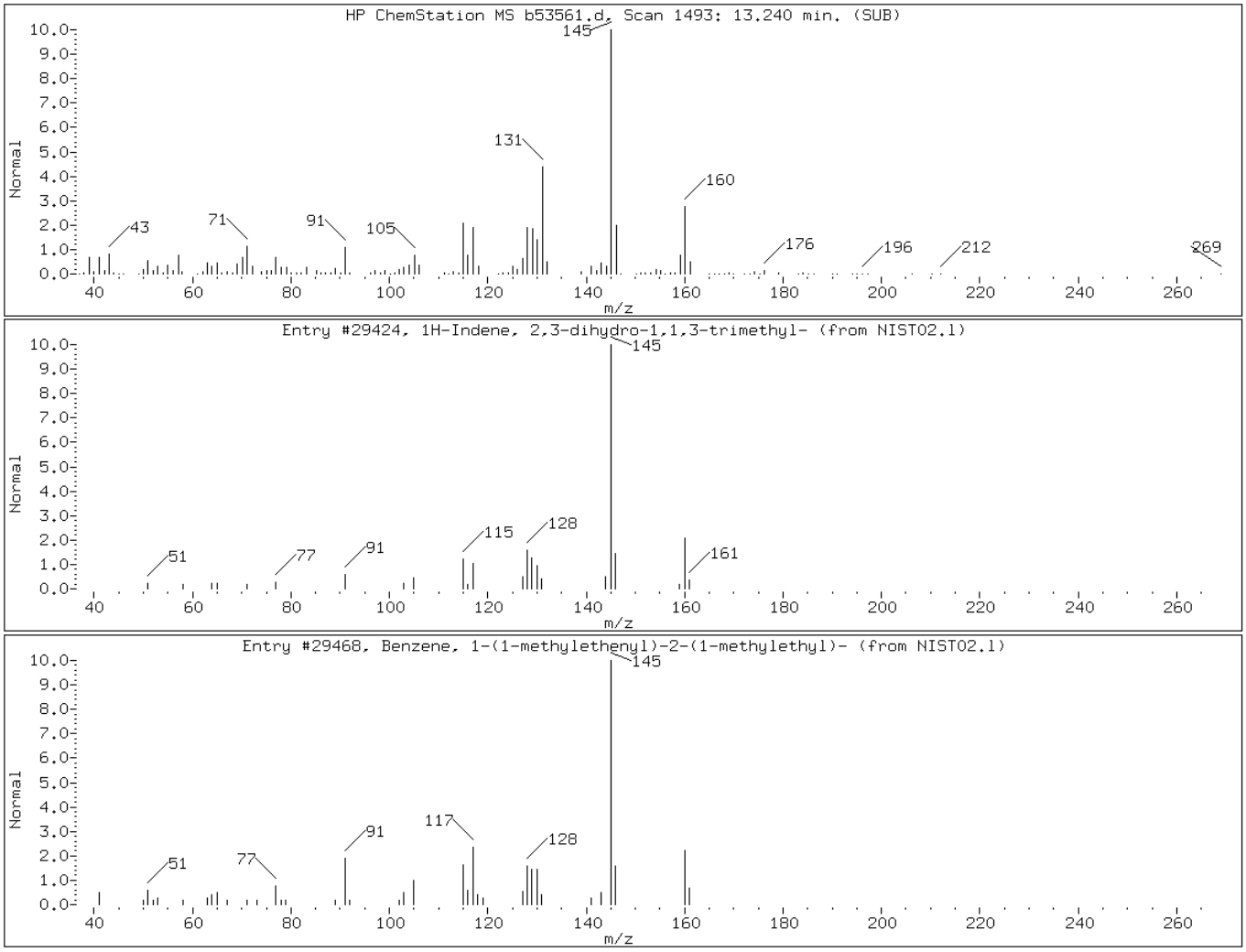
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 13.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-trimethyl-1H-Indene is						
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	68	C12H16	160
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	64	C12H16	160



Data File: b53561.d

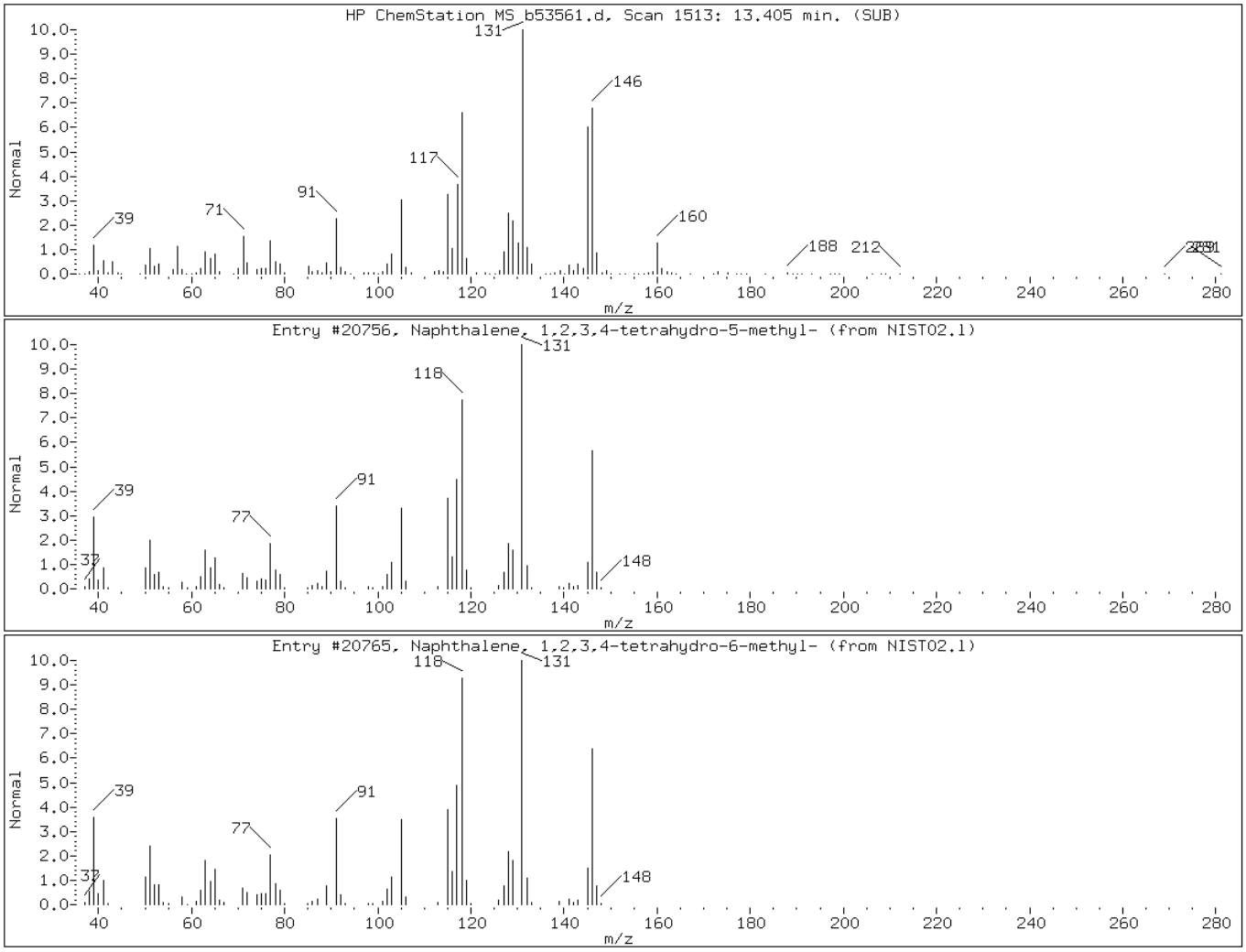
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 13.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-1						
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20756	94	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20765	93	C11H14	146



Data File: b53561.d

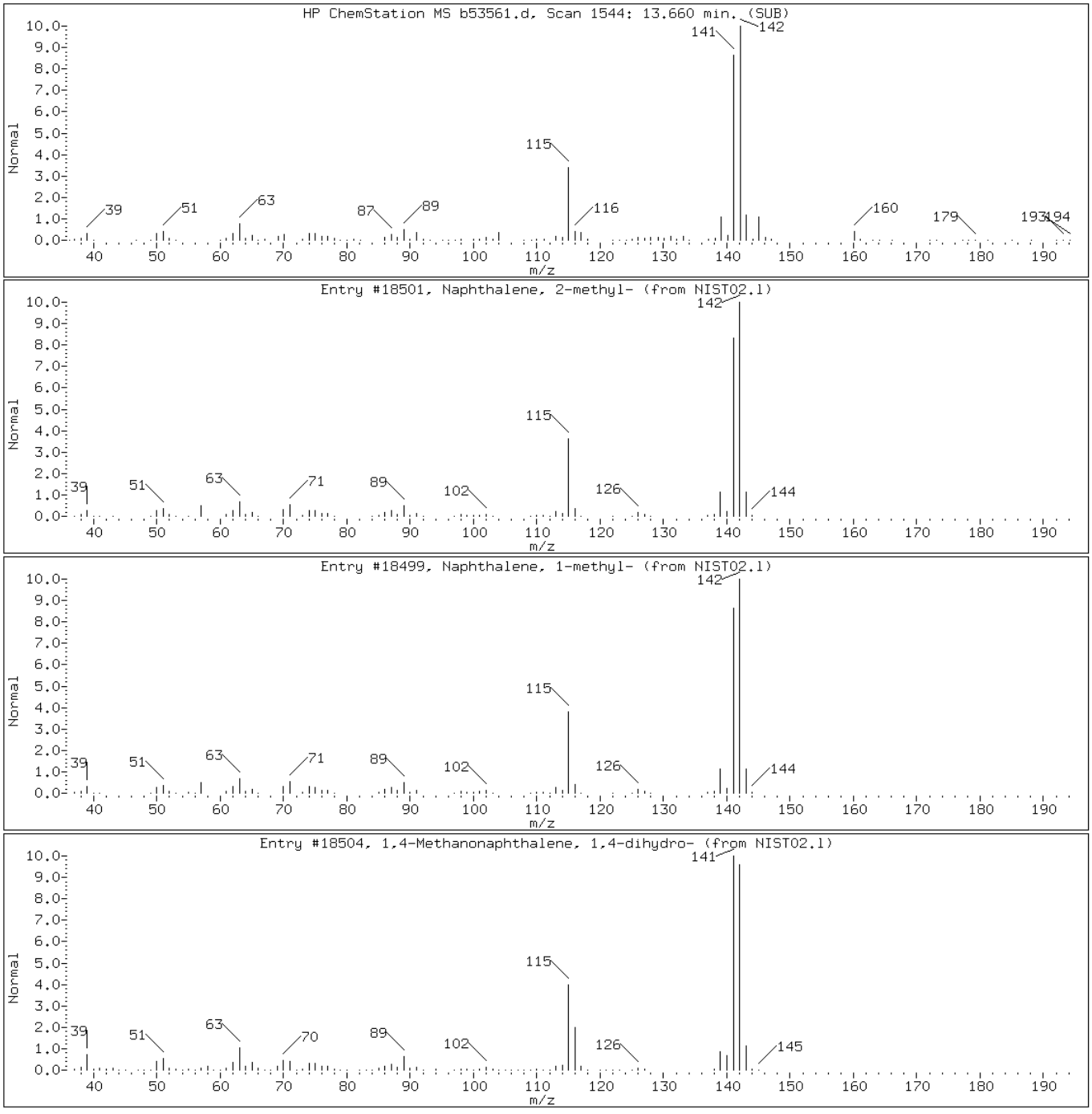
Date: 20-MAR-2013 13:19

Client ID: PMP-7-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-22-A;100;;6.16;5 Operator:

Retention Time: 13.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	90	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD | Lab Sample ID: 460-52450-23

Matrix: Solid | Lab File ID: d30840.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:25

Sample wt/vol: 6.48(g) | Date Analyzed: 03/23/2013 10:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.5 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.11	U	0.83	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.075	U	0.83	0.075
79-00-5	1,1,2-Trichloroethane	0.12	U	0.83	0.12
75-34-3	1,1-Dichloroethane	0.092	U	0.83	0.092
75-35-4	1,1-Dichloroethene	0.16	U	0.83	0.16
87-61-6	1,2,3-Trichlorobenzene	0.13	U	0.83	0.13
120-82-1	1,2,4-Trichlorobenzene	0.16	U	0.83	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.83	0.37
106-93-4	1,2-Dibromoethane	0.13	U	0.83	0.13
95-50-1	1,2-Dichlorobenzene	0.13	J	0.83	0.083
107-06-2	1,2-Dichloroethane	0.15	U	0.83	0.15
78-87-5	1,2-Dichloropropane	0.13	U	0.83	0.13
541-73-1	1,3-Dichlorobenzene	0.13	U	0.83	0.13
106-46-7	1,4-Dichlorobenzene	0.78	J	0.83	0.092
123-91-1	1,4-Dioxane	11	U	42	11
78-93-3	2-Butanone	0.53	U	8.3	0.53
591-78-6	2-Hexanone	0.11	U	8.3	0.11
108-10-1	4-Methyl-2-pentanone	0.17	U	8.3	0.17
67-64-1	Acetone	9.5	B	8.3	1.4
71-43-2	Benzene	0.13	U	0.83	0.13
74-97-5	Bromochloromethane	0.092	U	0.83	0.092
75-27-4	Bromodichloromethane	0.27	U	0.83	0.27
75-25-2	Bromoform	0.14	U	0.83	0.14
74-83-9	Bromomethane	0.36	U	0.83	0.36
75-15-0	Carbon disulfide	0.13	U	0.83	0.13
56-23-5	Carbon tetrachloride	0.13	U	0.83	0.13
108-90-7	Chlorobenzene	0.15	U	0.83	0.15
75-00-3	Chloroethane	0.28	U	0.83	0.28
67-66-3	Chloroform	6.1		0.83	0.20
74-87-3	Chloromethane	0.13	U	0.83	0.13
156-59-2	cis-1,2-Dichloroethene	0.092	U	0.83	0.092
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.83	0.12
110-82-7	Cyclohexane	0.11	U	0.83	0.11
124-48-1	Dibromochloromethane	0.083	U	0.83	0.083
75-71-8	Dichlorodifluoromethane	0.18	U	0.83	0.18
100-41-4	Ethylbenzene	0.27	J	0.83	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD | Lab Sample ID: 460-52450-23

Matrix: Solid | Lab File ID: d30840.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:25

Sample wt/vol: 6.48(g) | Date Analyzed: 03/23/2013 10:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.5 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.092	U	0.83	0.092
98-82-8	Isopropylbenzene	0.092	U	0.83	0.092
79-20-9	Methyl acetate	0.27	U	0.83	0.27
108-87-2	Methylcyclohexane	0.083	U	0.83	0.083
75-09-2	Methylene Chloride	0.77	J B	0.83	0.13
1634-04-4	MTBE	0.092	U	0.83	0.092
100-42-5	Styrene	0.23	U	0.83	0.23
127-18-4	Tetrachloroethene	2.3		0.83	0.10
108-88-3	Toluene	0.12	U	0.83	0.12
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.83	0.11
10061-02-6	trans-1,3-Dichloropropene	0.083	U	0.83	0.083
79-01-6	Trichloroethene	0.10	U	0.83	0.10
75-69-4	Trichlorofluoromethane	0.13	U	0.83	0.13
75-01-4	Vinyl chloride	0.28	U	0.83	0.28
1330-20-7	Xylenes, Total	1.7	J	2.5	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	118		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD Lab Sample ID: 460-52450-23

Matrix: Solid Lab File ID: d30840.d

Analysis Method: 8260B Date Collected: 03/14/2013 14:25

Sample wt/vol: 6.48(g) Date Analyzed: 03/23/2013 10:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.5 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 174

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	5.86	11	J
	Unknown Alkane-1	8.79	11	J
	Decahydromethylnaphthalene isomer	10.48	15	J
	Decahydrodimethylnaphthalene isomer	10.87	10	J
	Unknown	11.01	10	J
	Unknown Alkane-3	12.00	32	J
	Unknown-1	12.42	18	J
	Unknown Alkane-4	12.71	22	J
	Unknown-2	12.96	20	J
	Unknown-4	13.36	25	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30840.d
Report Date: 25-Mar-2013 20:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30840.d
Lab Smp Id: 460-52450-E-23-A Client Smp ID: PMP-10-NE-VD
Inj Date : 23-MAR-2013 10:28
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-E-23-A;;;6.48;5
Misc Info : 460-52450-E-23-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 10
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	6.48000	Weight of sample extracted (g)
M	7.47126	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.475	2.469	(0.544)	3404	0.92289	0.77(a)
	7 Acetone	43	2.516	2.522	(0.553)	13753	11.3781	9.5
	15 Chloroform	83	3.681	3.675	(0.809)	53479	7.27316	6.1
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	95329	47.7951	40
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	479826	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	398963	52.5565	44
	35 Tetrachloroethene	166	6.734	6.728	(0.853)	15721	2.74971	2.3(H)
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	296613	50.0000	(H)
	40 Ethylbenzene	106	7.963	7.957	(1.009)	2100	0.32630	0.27(a)
	43 m+p-Xylene	106	8.098	8.098	(1.026)	9808	1.24808	1.0(a)
	44 o-Xylene	106	8.469	8.469	(1.073)	5733	0.77505	0.65(a)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	157905	59.1748	49
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	129027	50.0000	
	68 1,4-Dichlorobenzene	146	9.822	9.822	(1.001)	7364	0.93455	0.78(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30840.d
Report Date: 25-Mar-2013 20:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	69 1,2-Dichlorobenzene	146	10.133	10.127	(1.032)	1108	0.15238	0.13(a)
M	45 Xylene (Total)	100				15541	2.01710	1.7(a)

QC Flag Legend

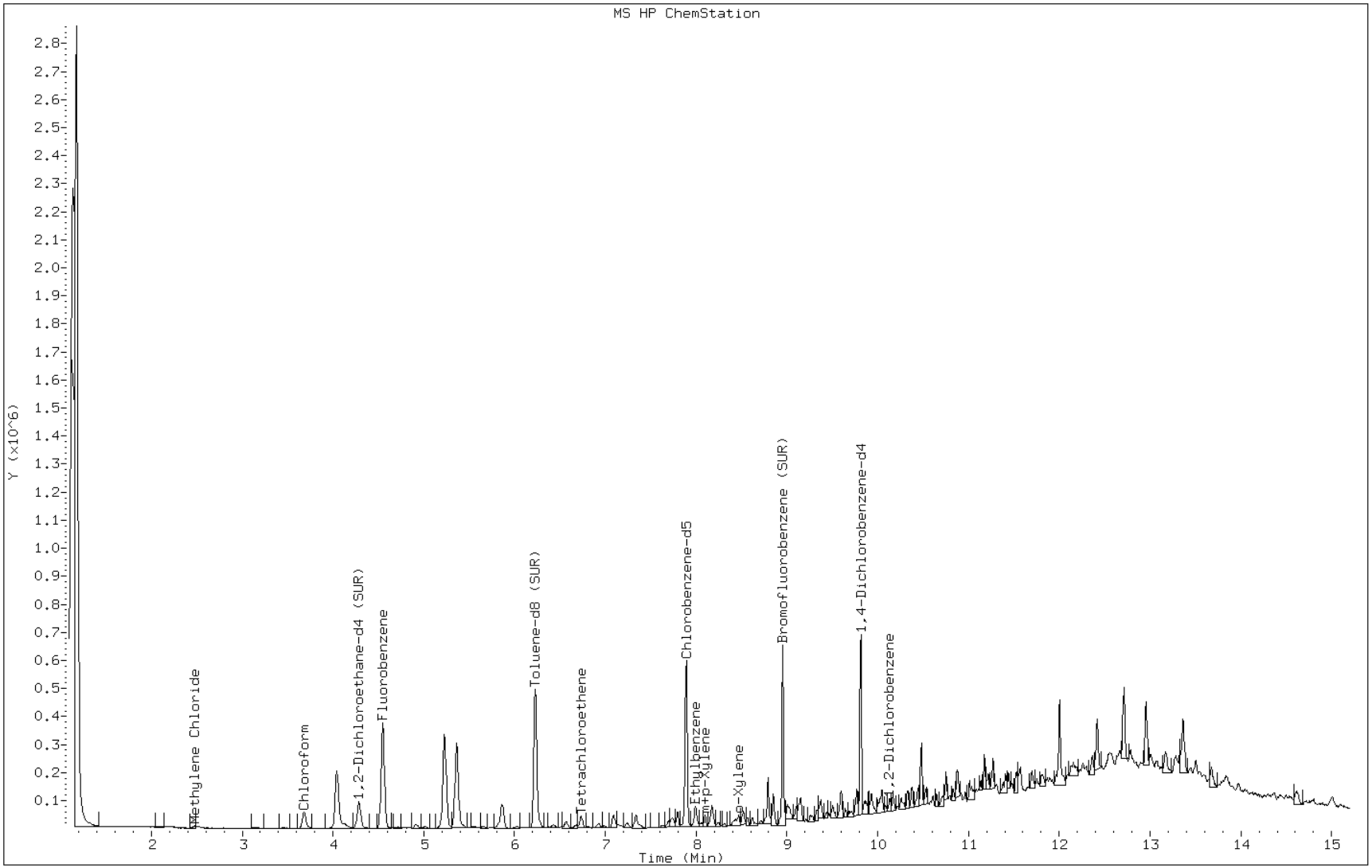
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9



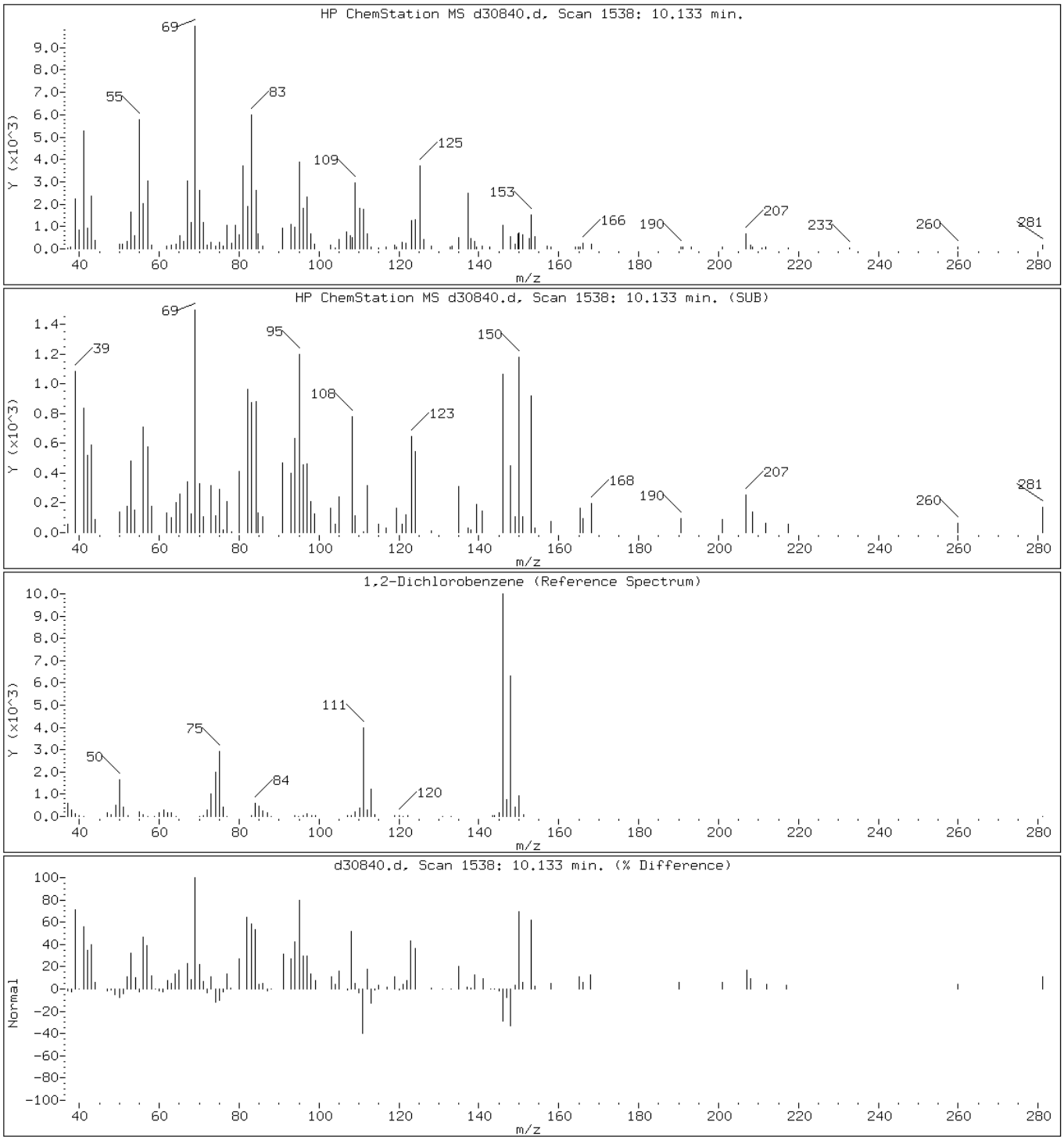
Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



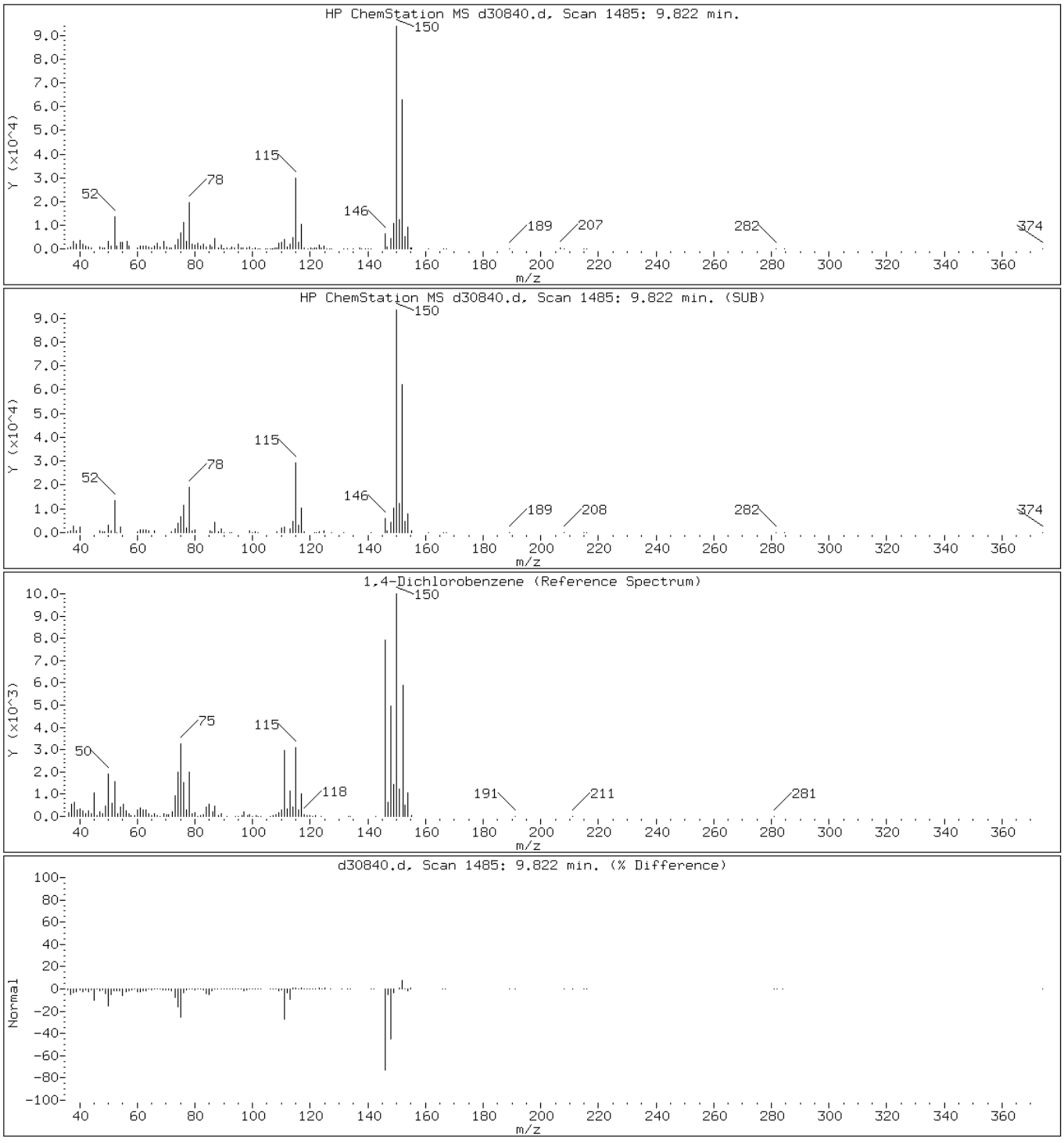
Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



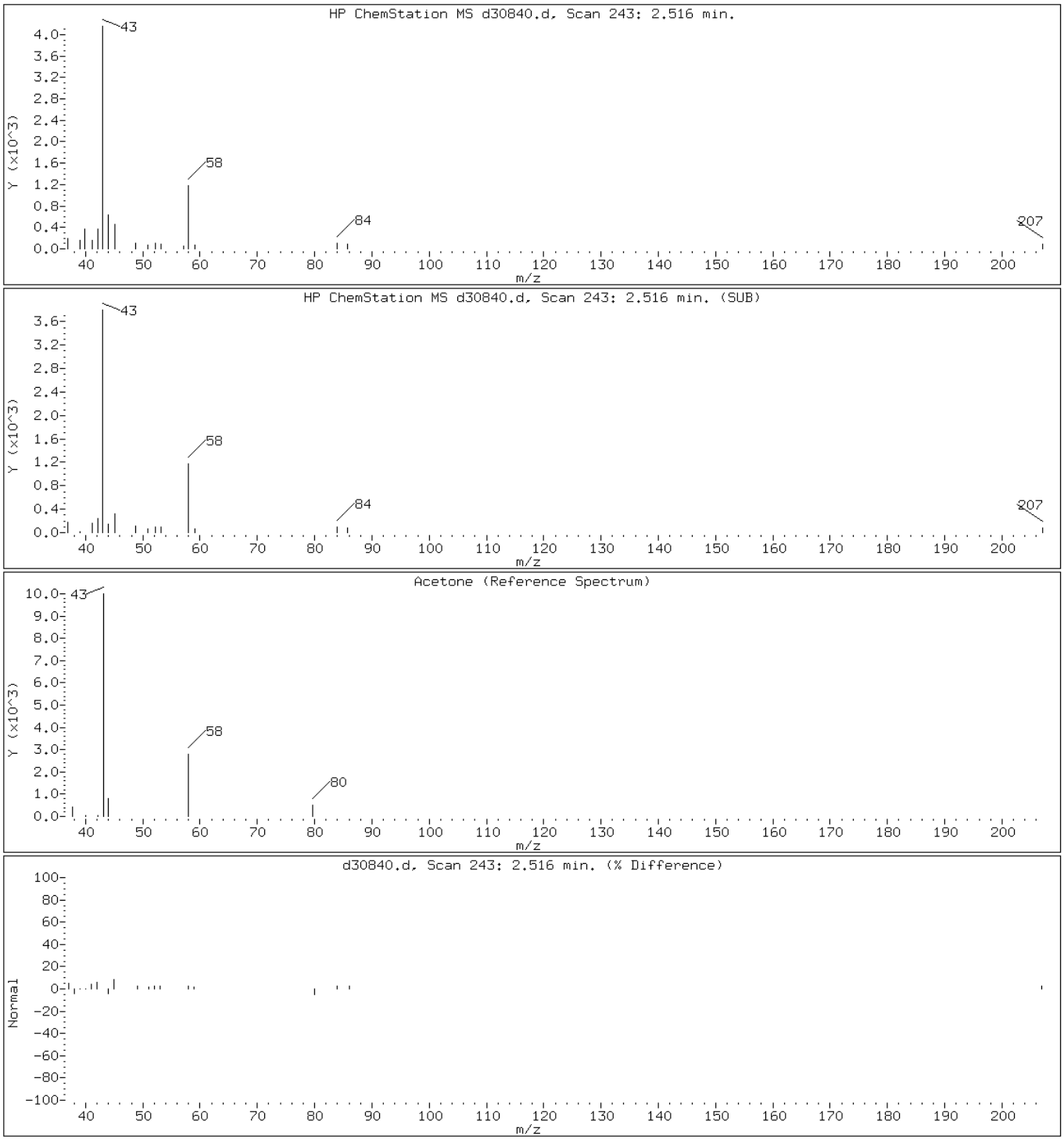
Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

7 Acetone



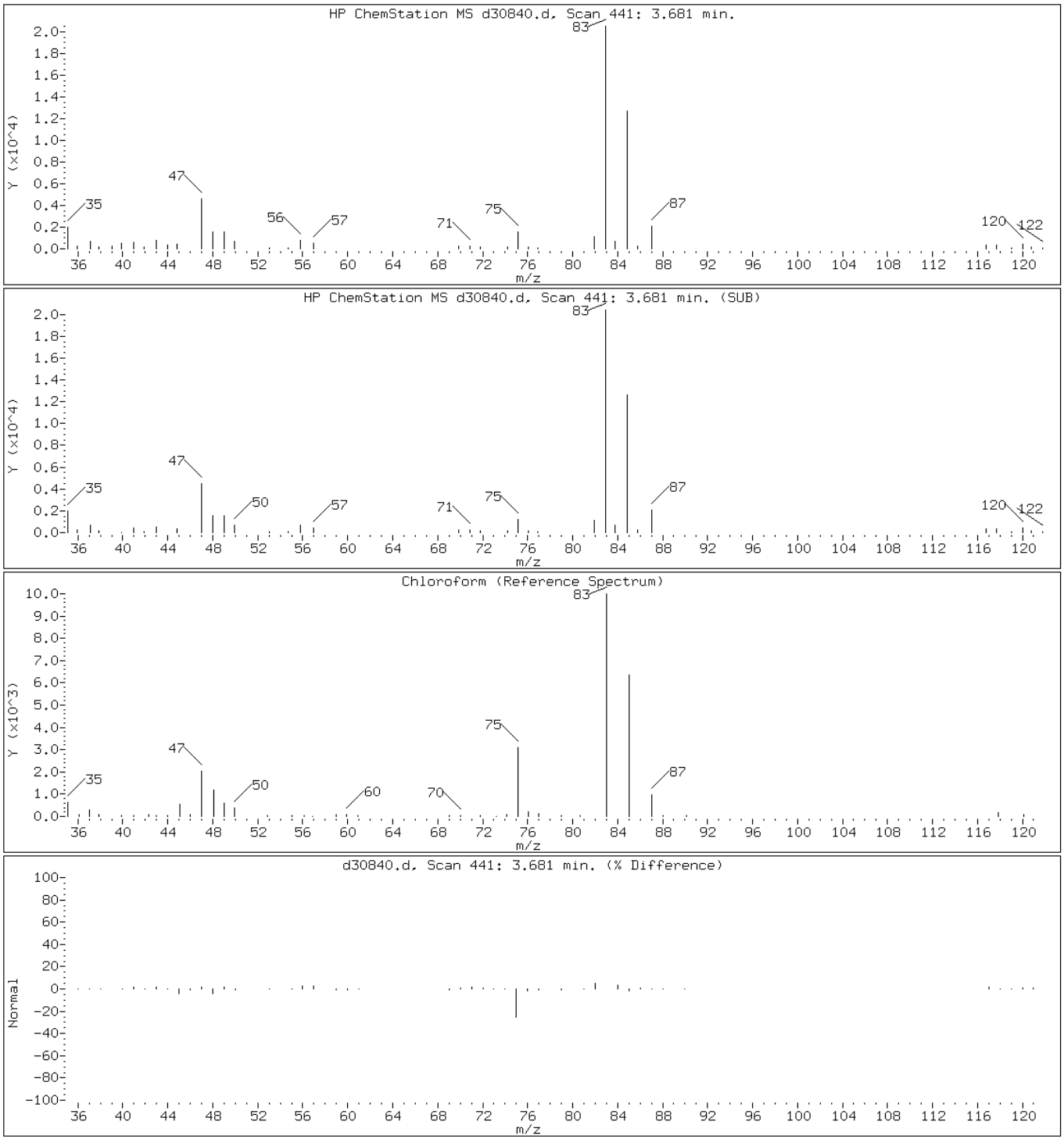
Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

15 Chloroform



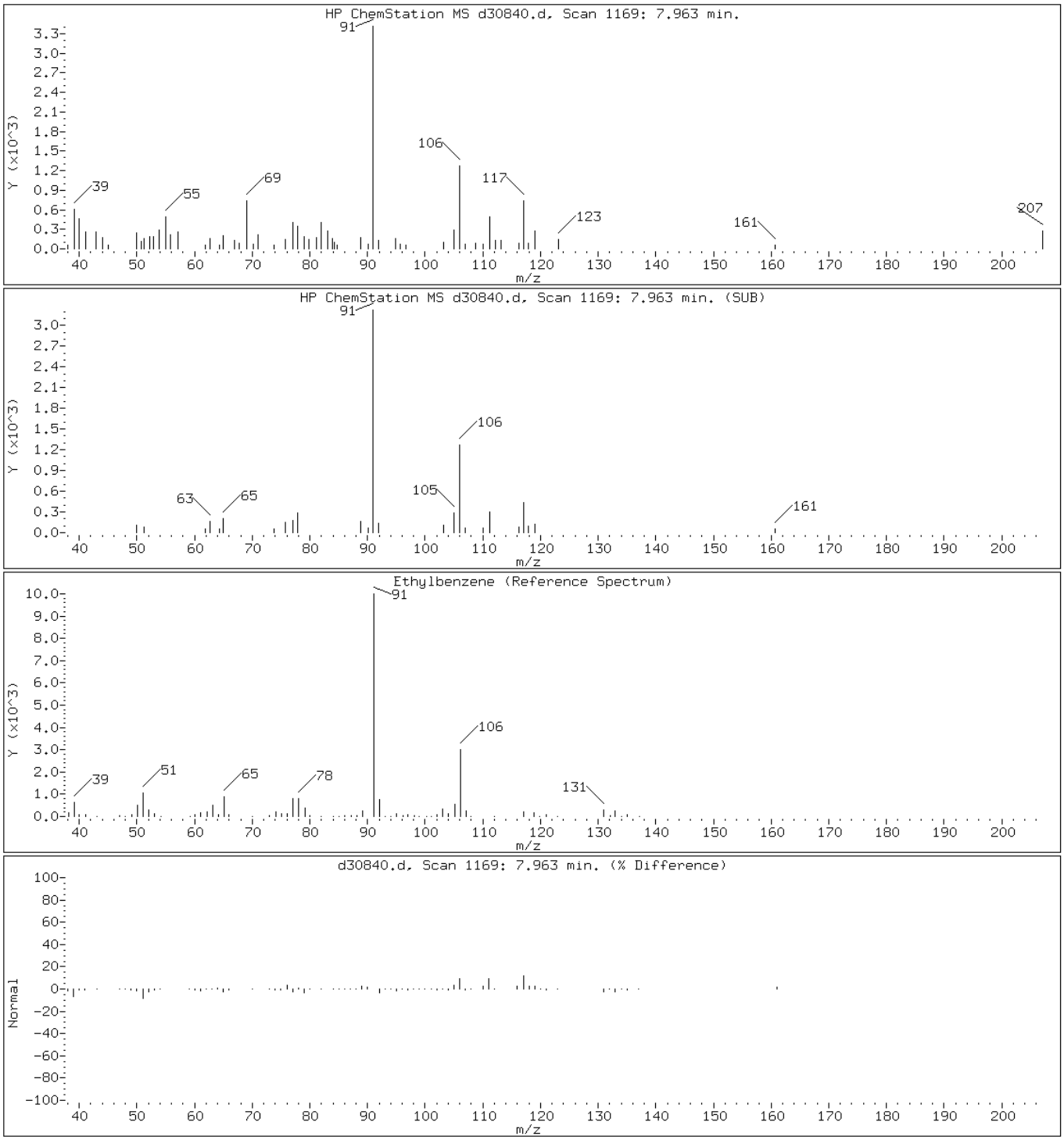
Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

40 Ethylbenzene



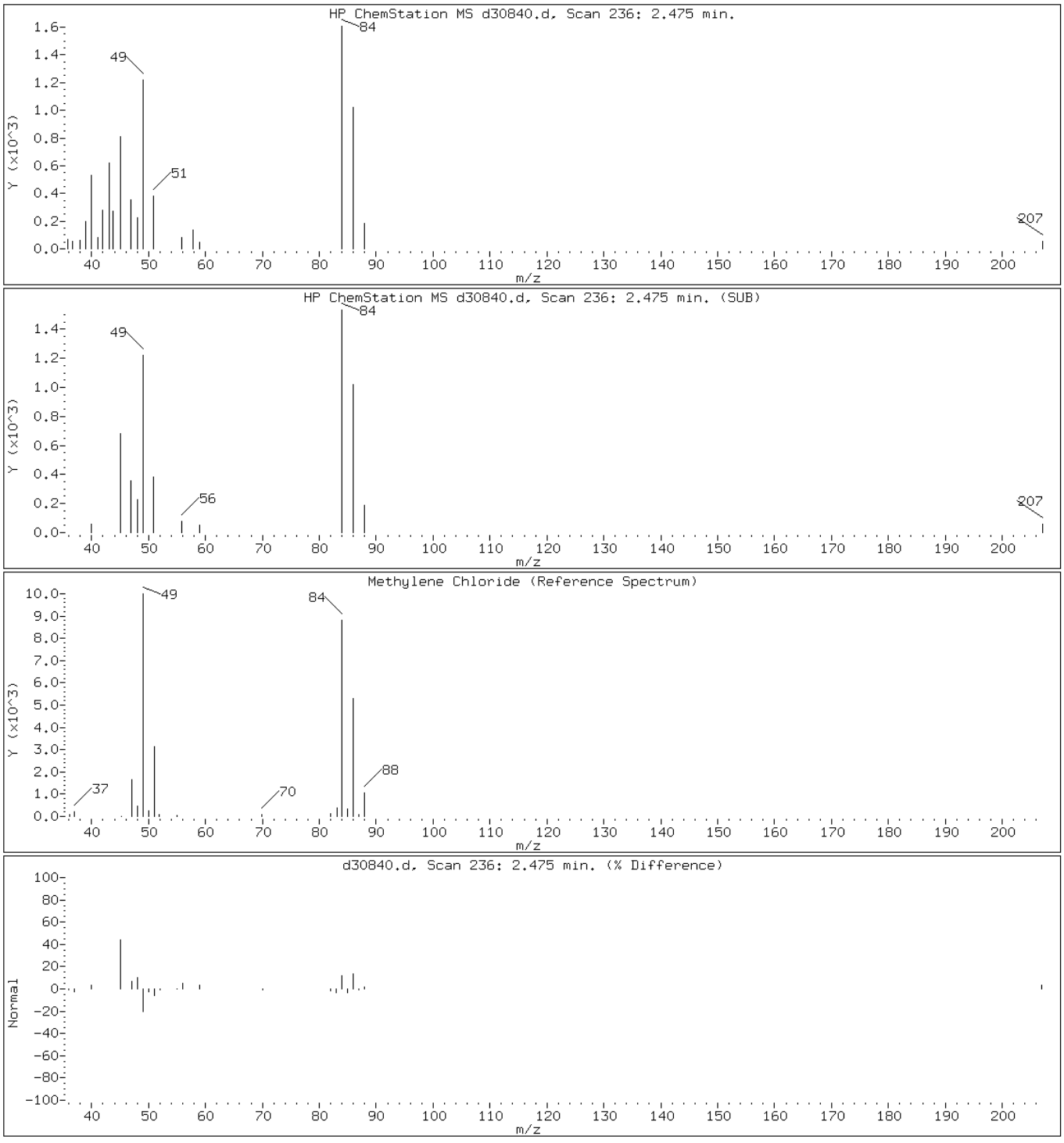
Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

6 Methylene Chloride



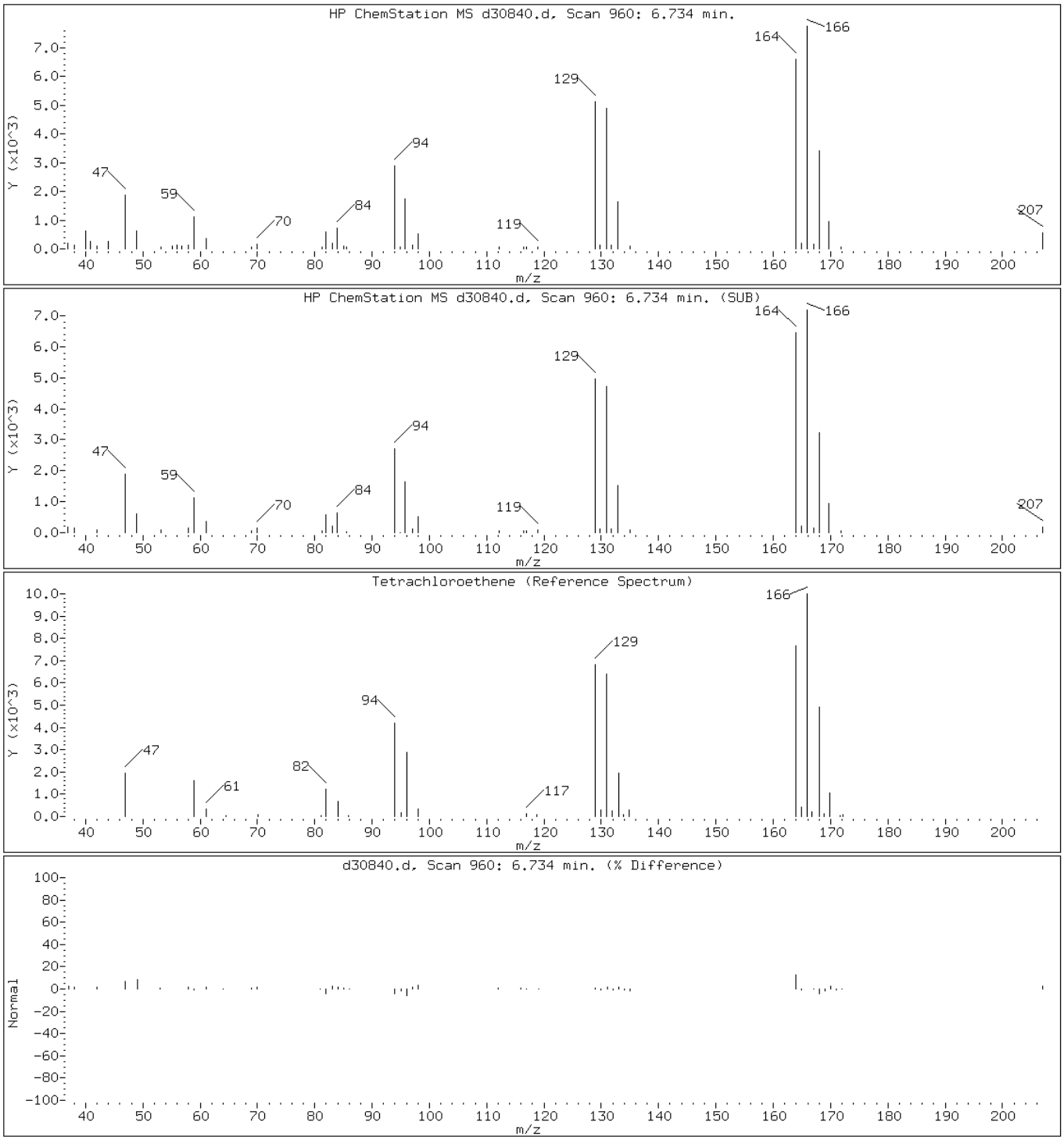
Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

35 Tetrachloroethene



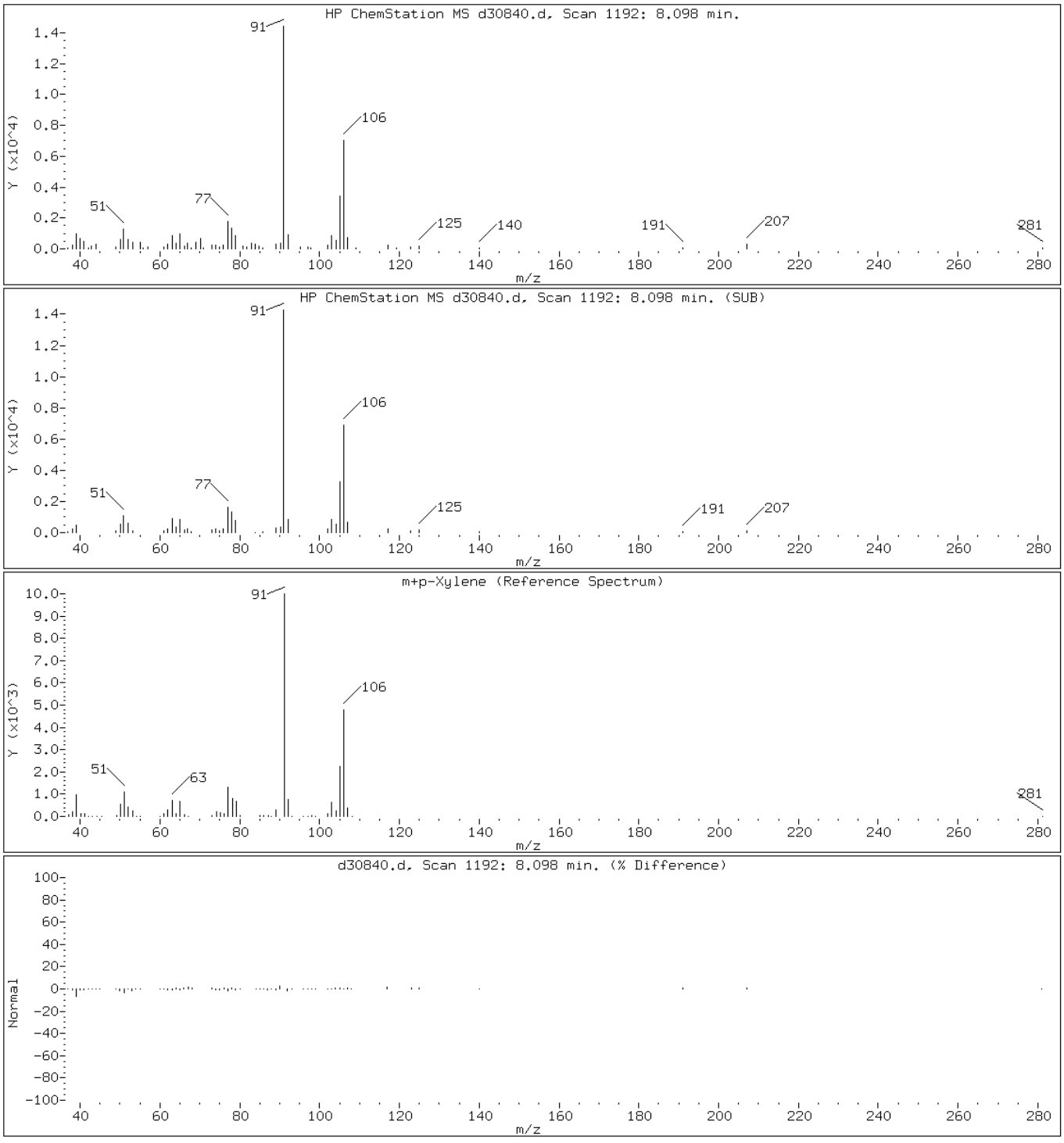
Data File: d30840.d

Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

43 m+p-Xylene



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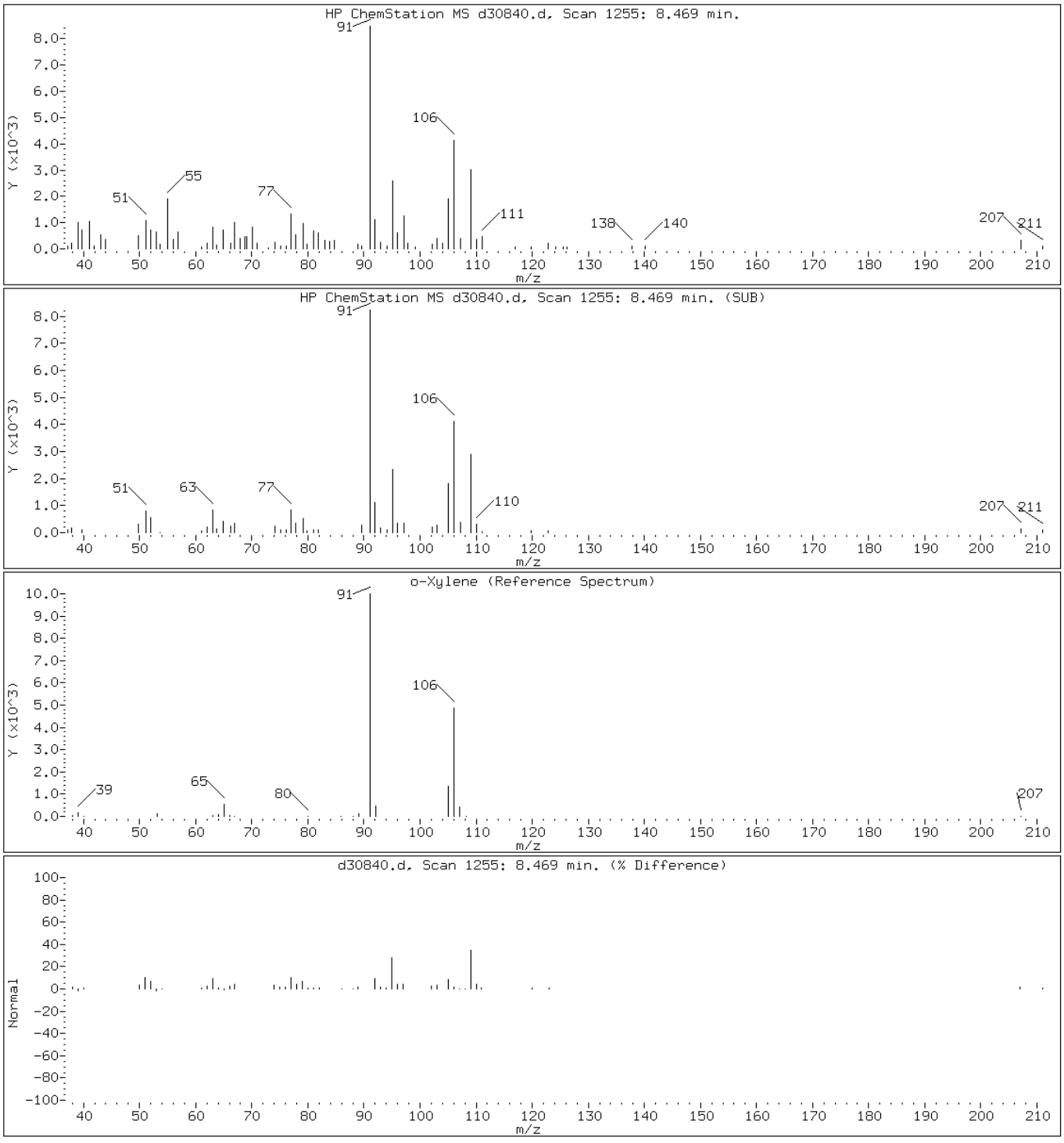
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

44 o-Xylene



Data File: d30840.d

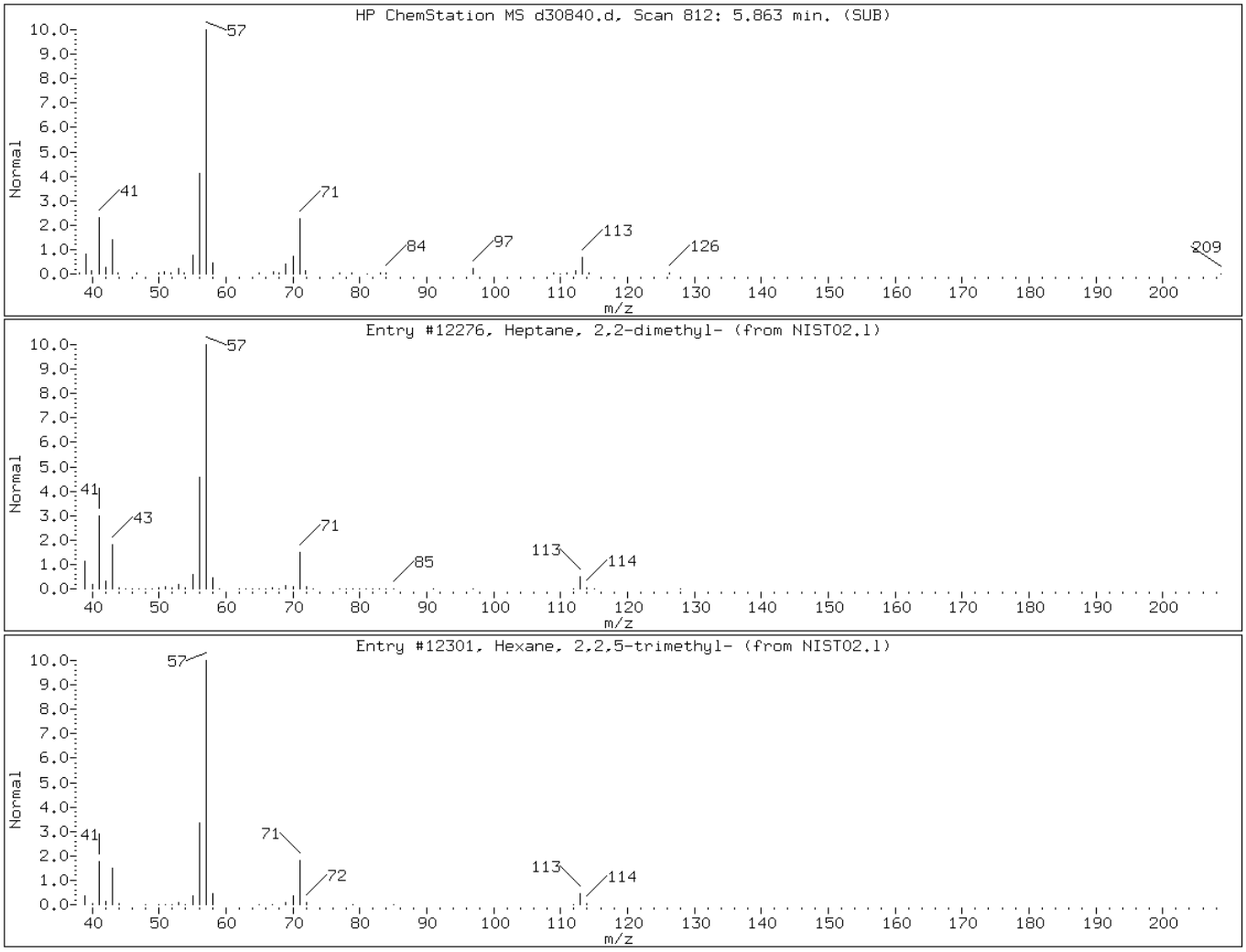
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 5.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptane, 2,2-dimethyl-	1071-26-7	NIST02.l	12276	72	C9H20	128
Hexane, 2,2,5-trimethyl-	3522-94-9	NIST02.l	12301	72	C9H20	128



Data File: d30840.d

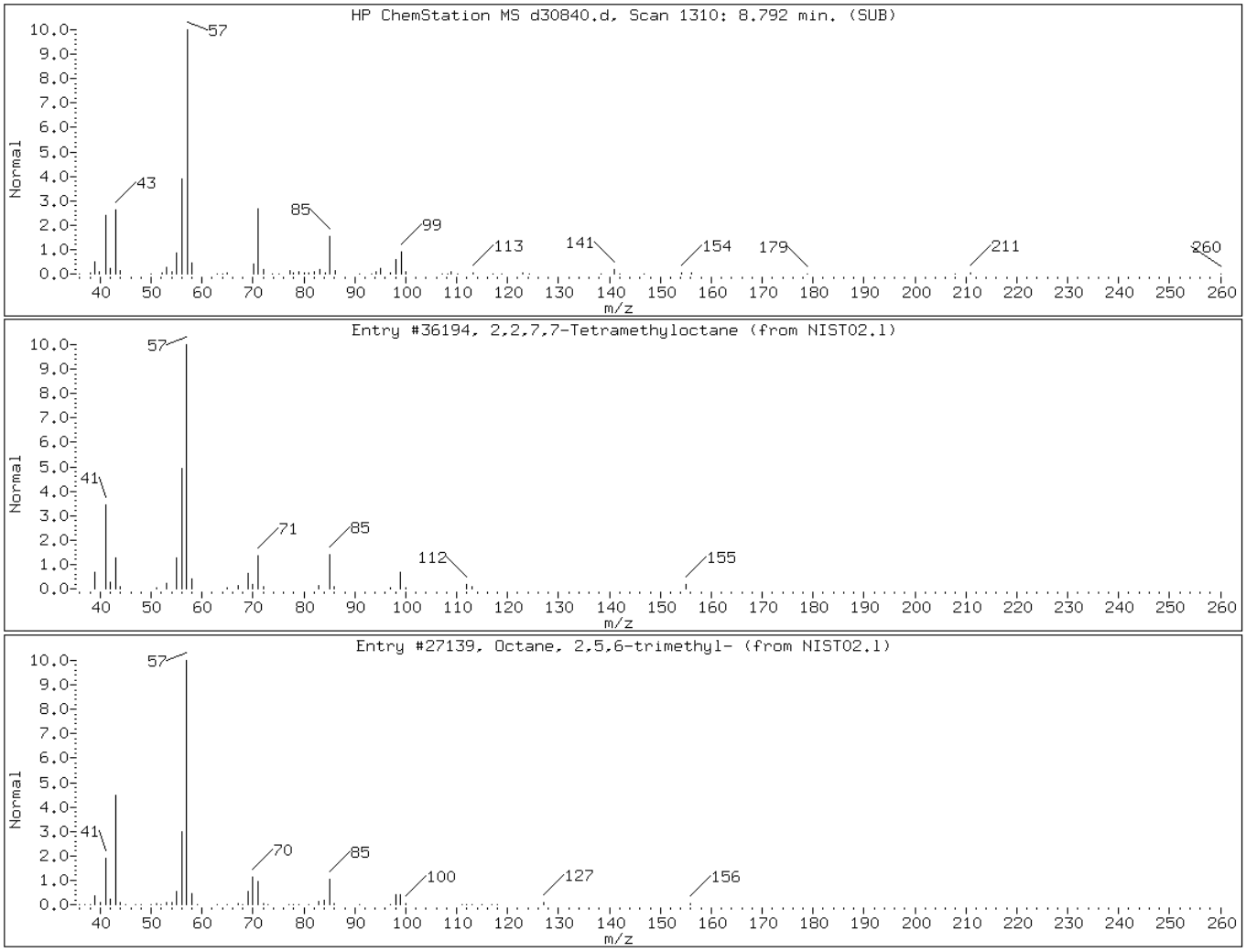
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
2,2,7,7-Tetramethyloctane	1071-31-4	NIST02.l	36194	59	C12H26	170
Octane, 2,5,6-trimethyl-	62016-14-2	NIST02.l	27139	59	C11H24	156



Data File: d30840.d

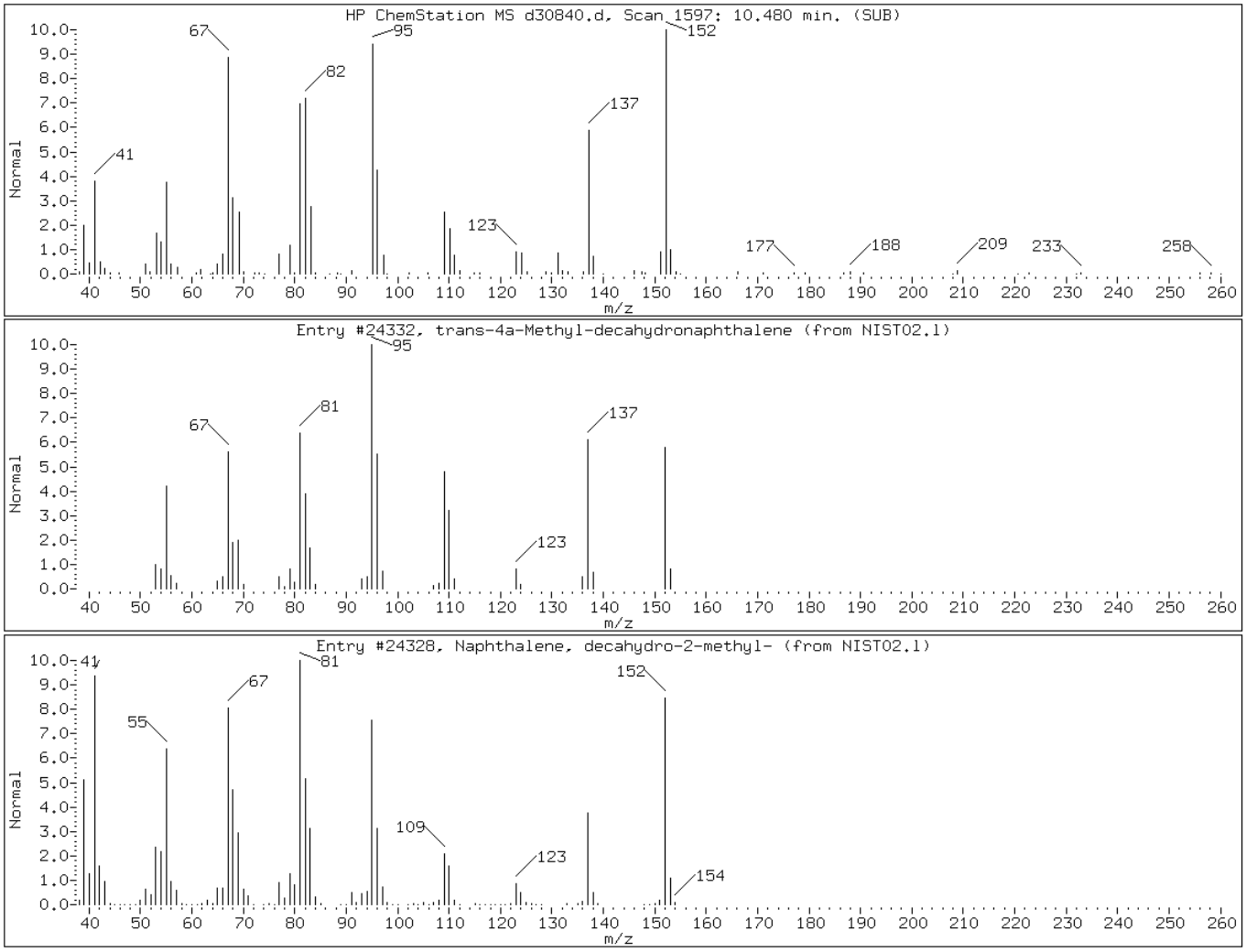
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 10.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-4a-Methyl-decahydronaphthale	2547-27-5	NIST02.l	24332	94	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	91	C11H20	152



Data File: d30840.d

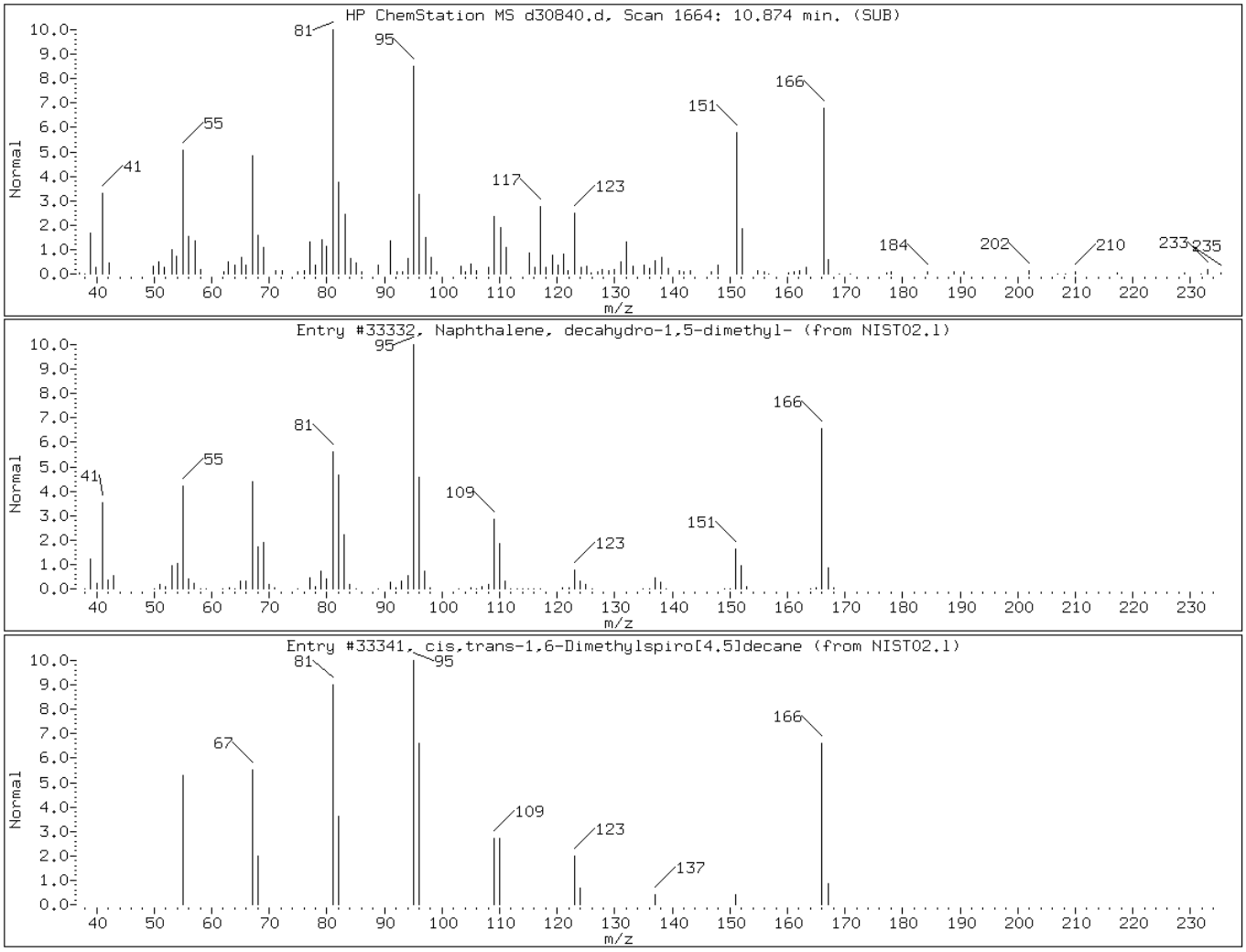
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 10.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
Naphthalene, decahydro-1,5-dimethy	66552-62-3	NIST02.l	33332	60	C12H22	166
cis,trans-1,6-Dimethylspiro[4.5]de	1000111-72-3	NIST02.l	33341	49	C12H22	166



Data File: d30840.d

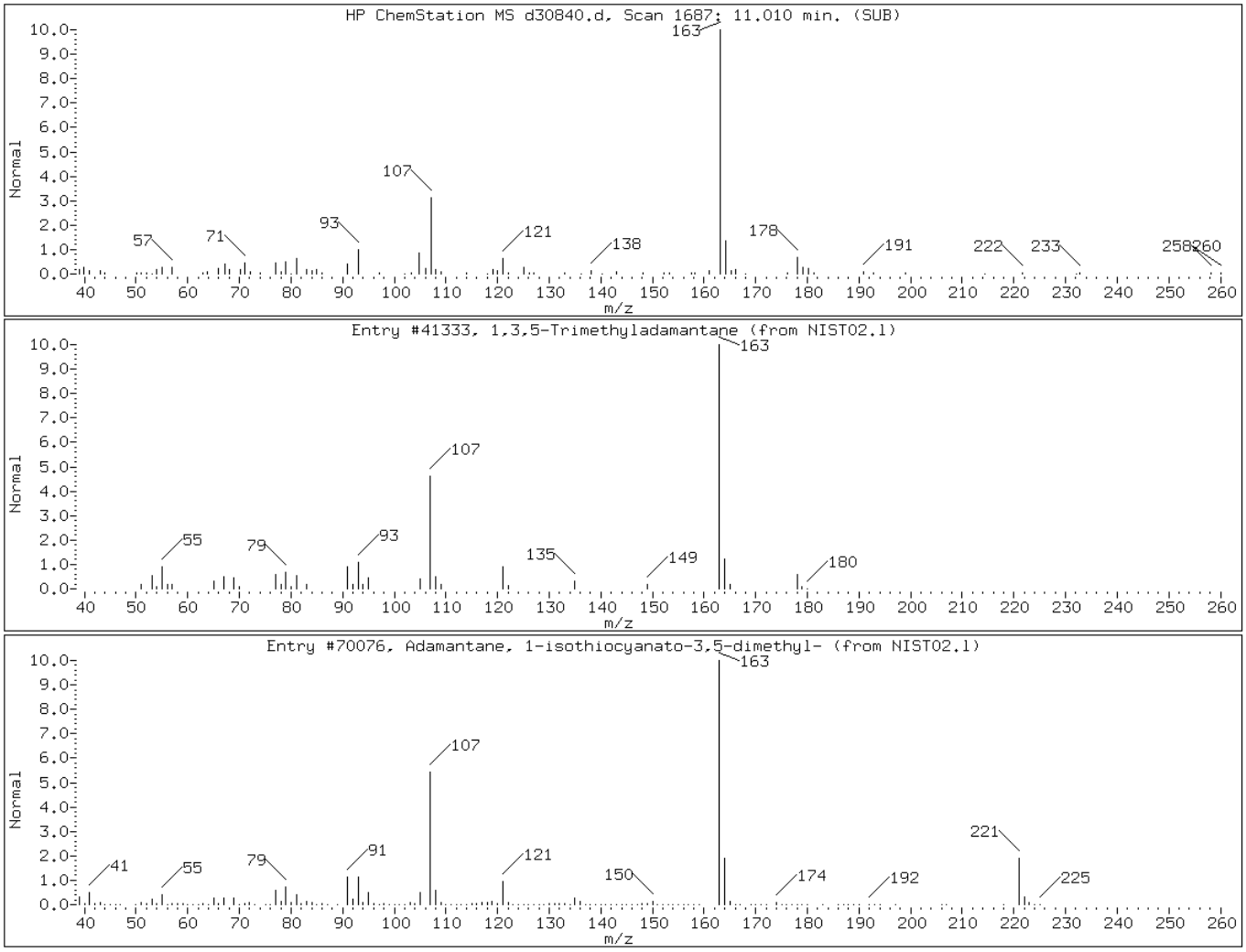
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 11.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,3,5-Trimethyladamantane	707-35-7	NIST02.l	41333	78	C13H22	178
Adamantane, 1-isothiocyanato-3,5-d	136860-49-6	NIST02.l	70076	64	C13H19NS	221



Data File: d30840.d

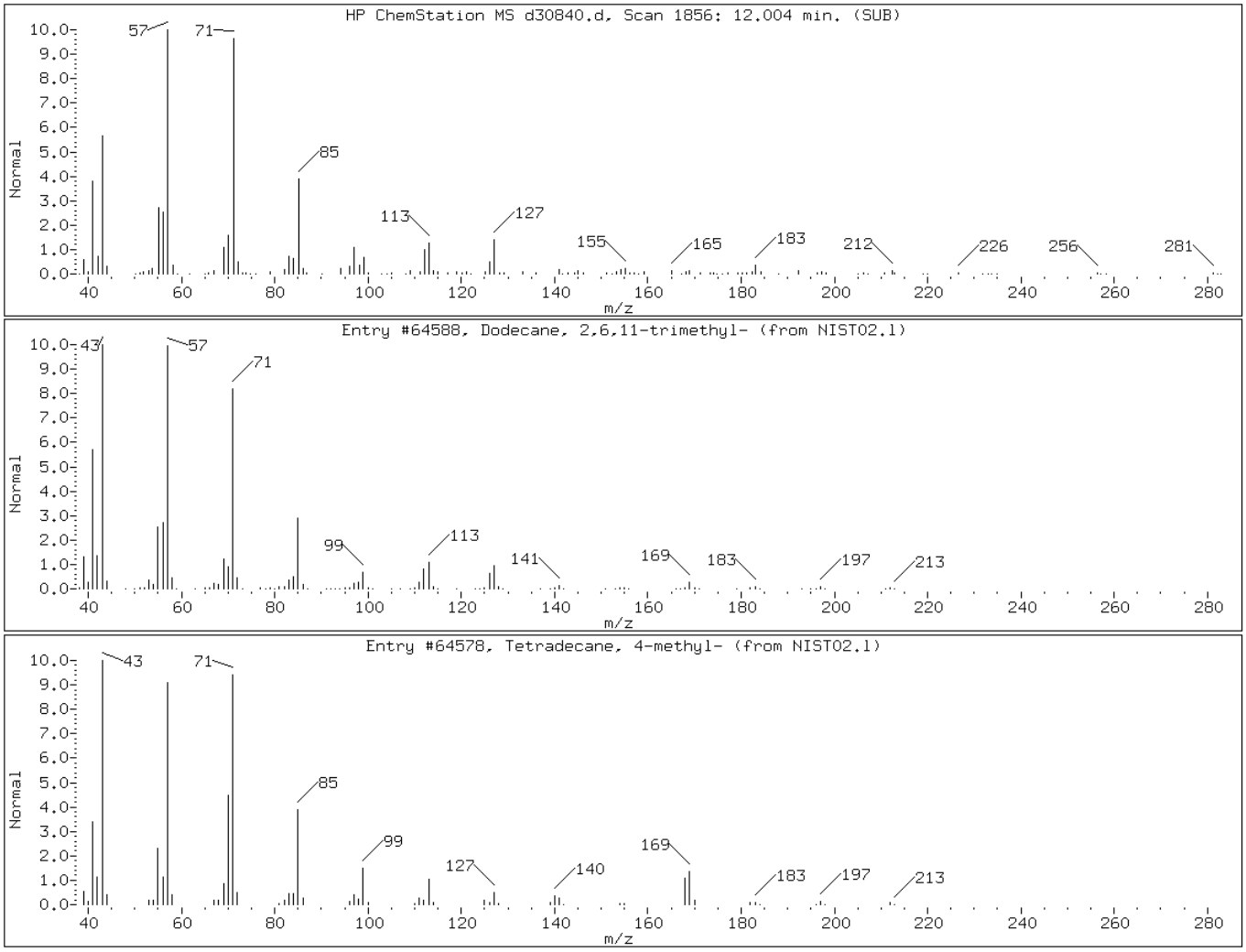
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 12.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	86	C15H32	212
Tetradecane, 4-methyl-	25117-24-2	NIST02.l	64578	80	C15H32	212



Data File: d30840.d

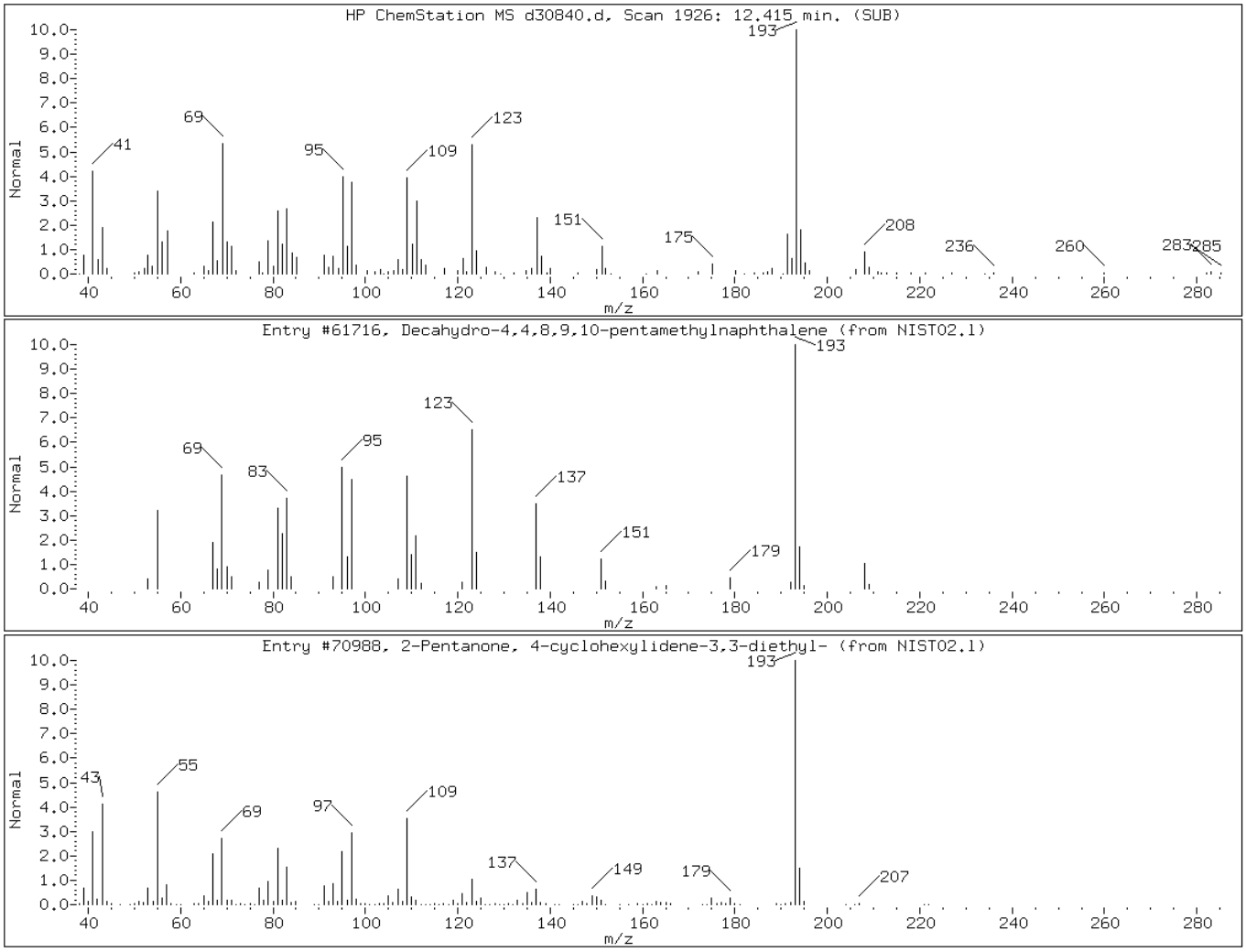
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 12.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	91	C15H28	208
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	32	C15H26O	222



Data File: d30840.d

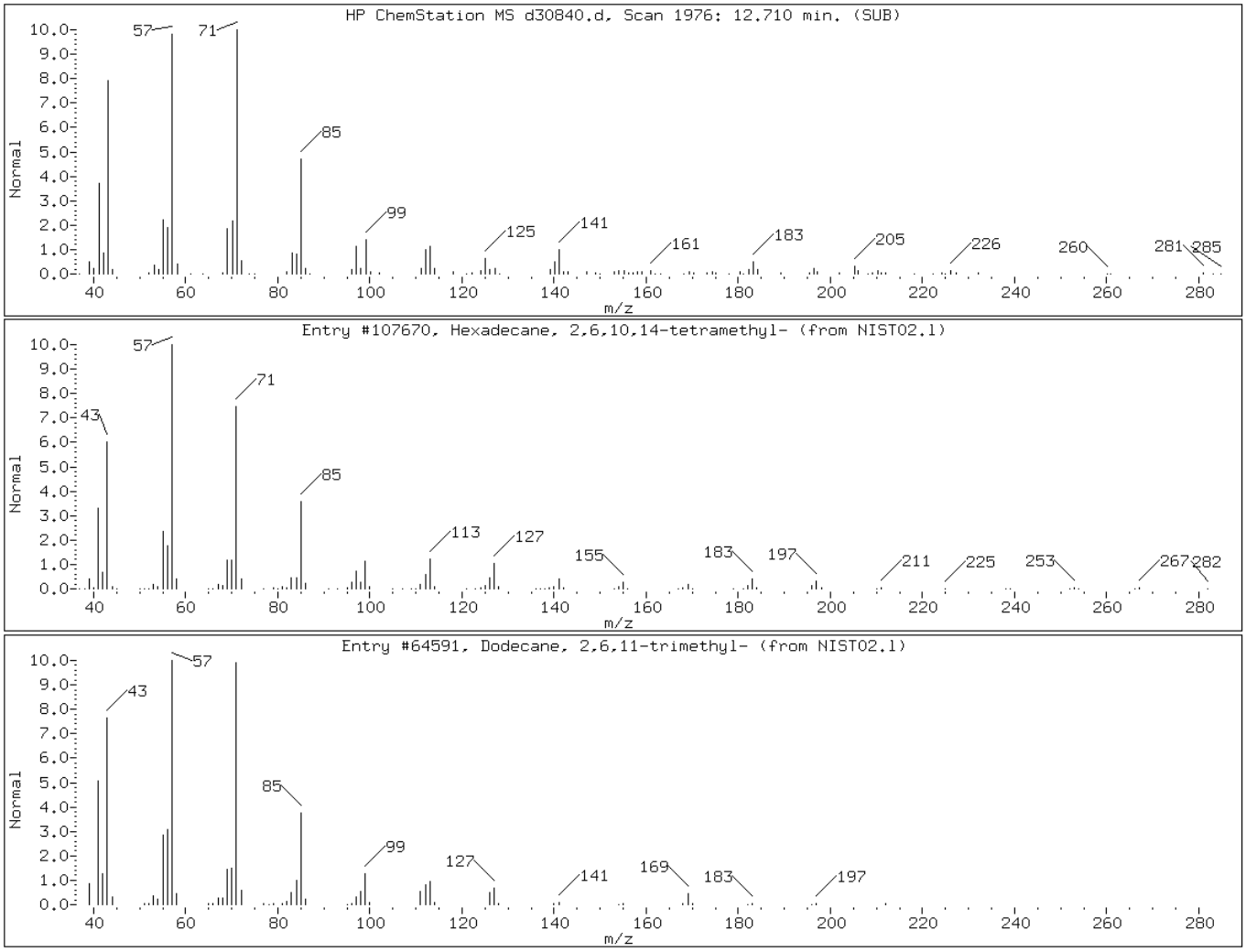
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 12.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	86	C20H42	282
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	83	C15H32	212



Data File: d30840.d

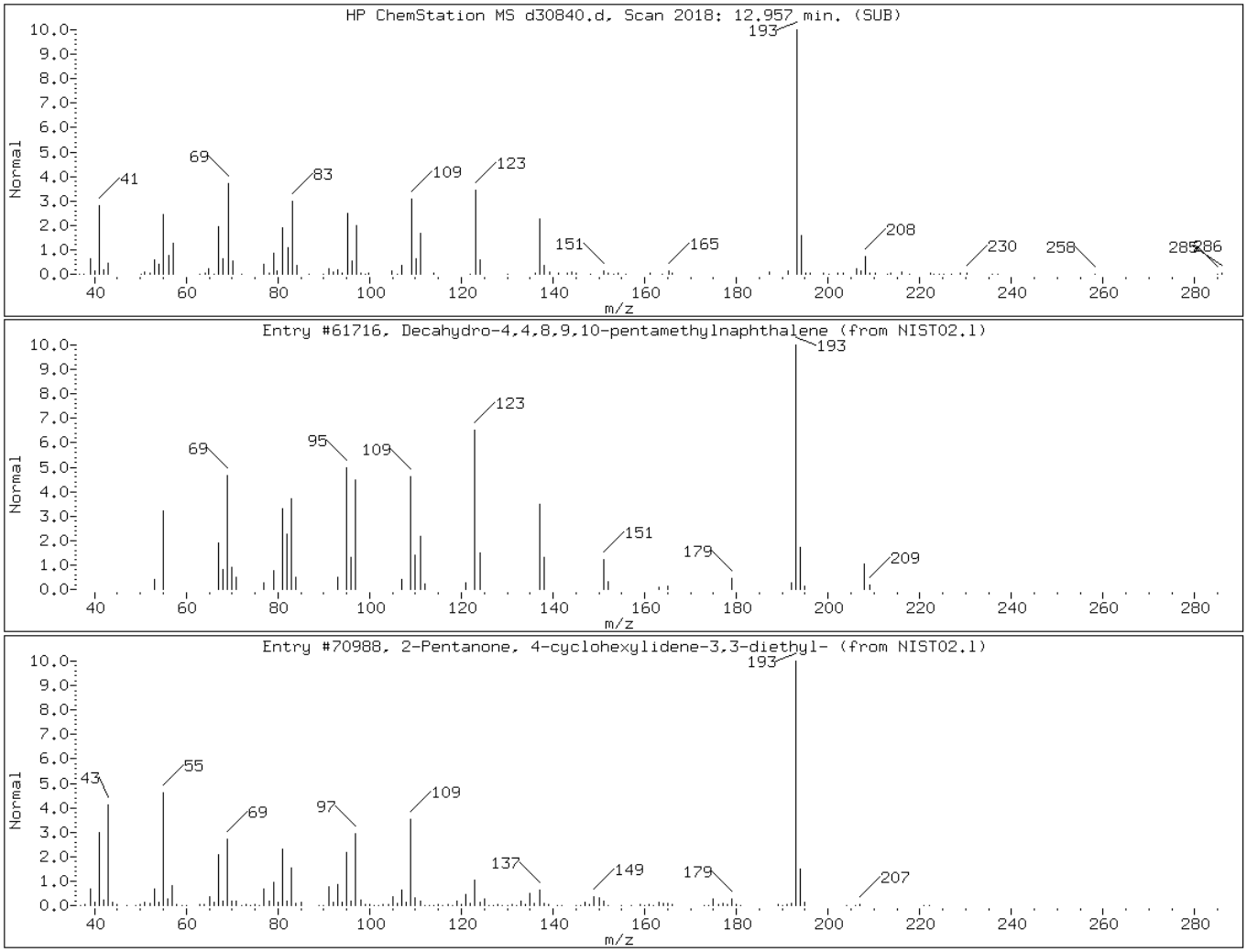
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 12.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	59	C15H28	208
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	40	C15H26O	222



Data File: d30840.d

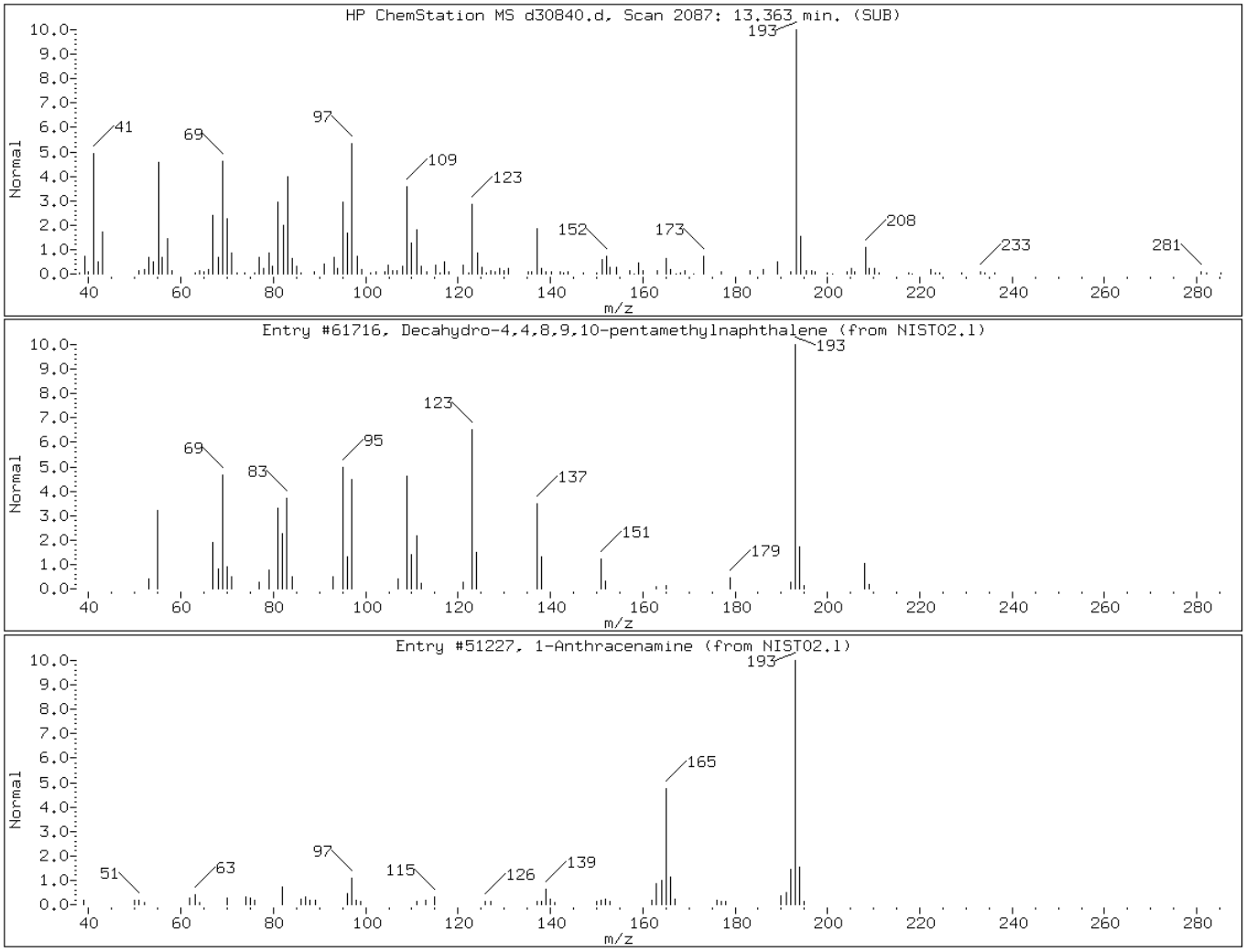
Date: 23-MAR-2013 10:28

Client ID: PMP-10-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-E-23-A;;;6.48;5 Operator: VOAMS 9

Retention Time: 13.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	90	C15H28	208
1-Anthracenamine	610-49-1	NIST02.l	51227	38	C14H11N	193



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT | Lab Sample ID: 460-52450-24

Matrix: Solid | Lab File ID: b53562.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:30

Sample wt/vol: 5.86(g) | Date Analyzed: 03/20/2013 13:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	3.0	U	49	3.0
79-34-5	1,1,2,2-Tetrachloroethane	7.7	U	49	7.7
79-00-5	1,1,2-Trichloroethane	9.1	U	49	9.1
75-34-3	1,1-Dichloroethane	6.4	U	49	6.4
75-35-4	1,1-Dichloroethene	4.3	U	49	4.3
87-61-6	1,2,3-Trichlorobenzene	340		49	25
120-82-1	1,2,4-Trichlorobenzene	620		49	17
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	49	20
106-93-4	1,2-Dibromoethane	13	U	49	13
95-50-1	1,2-Dichlorobenzene	10	U	49	10
107-06-2	1,2-Dichloroethane	9.2	U	49	9.2
78-87-5	1,2-Dichloropropane	4.2	U	49	4.2
541-73-1	1,3-Dichlorobenzene	6.6	U	49	6.6
106-46-7	1,4-Dichlorobenzene	11	U	49	11
123-91-1	1,4-Dioxane	1800	U	2400	1800
78-93-3	2-Butanone	110	U	240	110
591-78-6	2-Hexanone	24	U	240	24
108-10-1	4-Methyl-2-pentanone	48	U	240	48
67-64-1	Acetone	130	U	240	130
71-43-2	Benzene	4.0	U	49	4.0
74-97-5	Bromochloromethane	13	U	49	13
75-27-4	Bromodichloromethane	6.1	U	49	6.1
75-25-2	Bromoform	9.4	U	49	9.4
74-83-9	Bromomethane	8.8	U	49	8.8
75-15-0	Carbon disulfide	6.1	U	49	6.1
56-23-5	Carbon tetrachloride	2.8	U	49	2.8
108-90-7	Chlorobenzene	5.4	U	49	5.4
75-00-3	Chloroethane	8.2	U	49	8.2
67-66-3	Chloroform	12	J	49	3.8
74-87-3	Chloromethane	4.7	U	49	4.7
156-59-2	cis-1,2-Dichloroethene	8.6	U	49	8.6
10061-01-5	cis-1,3-Dichloropropene	9.0	U	49	9.0
110-82-7	Cyclohexane	7.7	U	49	7.7
124-48-1	Dibromochloromethane	9.7	U	49	9.7
75-71-8	Dichlorodifluoromethane	11	U	49	11
100-41-4	Ethylbenzene	6.4	J	49	4.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT | Lab Sample ID: 460-52450-24

Matrix: Solid | Lab File ID: b53562.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:30

Sample wt/vol: 5.86(g) | Date Analyzed: 03/20/2013 13:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	4.0	U	49	4.0
98-82-8	Isopropylbenzene	3.7	U	49	3.7
79-20-9	Methyl acetate	16	U	98	16
108-87-2	Methylcyclohexane	6.6	U	49	6.6
75-09-2	Methylene Chloride	8.9	U	49	8.9
1634-04-4	MTBE	6.7	U	49	6.7
100-42-5	Styrene	5.8	U	49	5.8
127-18-4	Tetrachloroethene	36	J	49	4.7
108-88-3	Toluene	7.3	U	49	7.3
156-60-5	trans-1,2-Dichloroethene	6.3	U	49	6.3
10061-02-6	trans-1,3-Dichloropropene	12	U	49	12
79-01-6	Trichloroethene	4.5	U	49	4.5
75-69-4	Trichlorofluoromethane	7.1	U	49	7.1
75-01-4	Vinyl chloride	7.1	U	49	7.1
1330-20-7	Xylenes, Total	100	J	150	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	88		59-150
460-00-4	Bromofluorobenzene	106		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT | Lab Sample ID: 460-52450-24

Matrix: Solid | Lab File ID: b53562.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:30

Sample wt/vol: 5.86(g) | Date Analyzed: 03/20/2013 13:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 39600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	6.34	5900	J
	Unknown Alkane-1	6.50	4300	J
	Decahydromethylnaphthalene isomer	11.56	2700	J
	Decahydromethylnaphthalene isomer-1	11.73	4500	J
	Unknown-1	12.03	2500	J
	Unknown Aromatic	12.15	5900	J
	Coeluting Unknowns	12.41	4700	J
	Tetrahydrodimethylnaphthalene isomer	13.24	3300	J
	Unknown-3	13.27	2800	J
90-12-0	Naphthalene, 1-methyl-	13.87	3000	J N

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53562.d
Report Date: 24-Mar-2013 15:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53562.d
Lab Smp Id: 460-52450-B-24-A Client Smp ID: PMP-10-NE-WT
Inj Date : 20-MAR-2013 13:42
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-24-A;50;;5.86;5
Misc Info : 460-52450-B-24-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/8260_09.m
Meth Date : 20-Mar-2013 04:31 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 24
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	5.00000	Volume of final extract (mL)
Ws	5.86000	Weight of sample extracted (g)
M	12.50000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	29 Hexane	43	3.134	3.134	(0.600)	1188	0.35292	17(a)
	42 Chloroform	83	4.328	4.328	(0.828)	1707	0.25322	12(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.939)	180104	49.0546	2400
*	52 Fluorobenzene	96	5.225	5.225	(1.000)	619357	50.0000	
$	65 Toluene-d8 (SUR)	98	7.224	7.225	(0.823)	396853	44.0393	2100
	71 Tetrachloroethene	166	7.883	7.875	(0.898)	2619	0.73922	36(a)
*	78 Chlorobenzene-d5	117	8.780	8.780	(1.000)	444228	50.0000	
	81 Ethylbenzene	106	8.895	8.895	(1.013)	661	0.13045	6.4(a)
	82 m+p-Xylene	106	9.010	9.010	(1.026)	2862	0.45424	22(a)
	84 o-Xylene	106	9.381	9.373	(1.068)	9899	1.62204	79
$	89 Bromofluorobenzene (SUR)	174	9.874	9.866	(0.912)	174808	53.1759	2600
	95 n-Propylbenzene	91	10.047	10.047	(0.928)	4564	0.22333	11(a)
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	8356	0.62441	30(a)
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	4212	0.38607	19(aH)

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53562.d
Report Date: 24-Mar-2013 15:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	101 1,2,4-Trimethylbenzene	105	10.516	10.517	(0.971)	7655	0.56367	27(a)
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	224577	50.0000	
	114 1,2,4-Trichlorobenzene	180	12.384	12.385	(1.144)	59112	12.6157	620
	117 1,2,3-Trichlorobenzene	180	12.812	12.804	(1.183)	30862	6.96674	340
M	121 Xylene (Total)	100				12761	2.07628	100(a)

QC Flag Legend

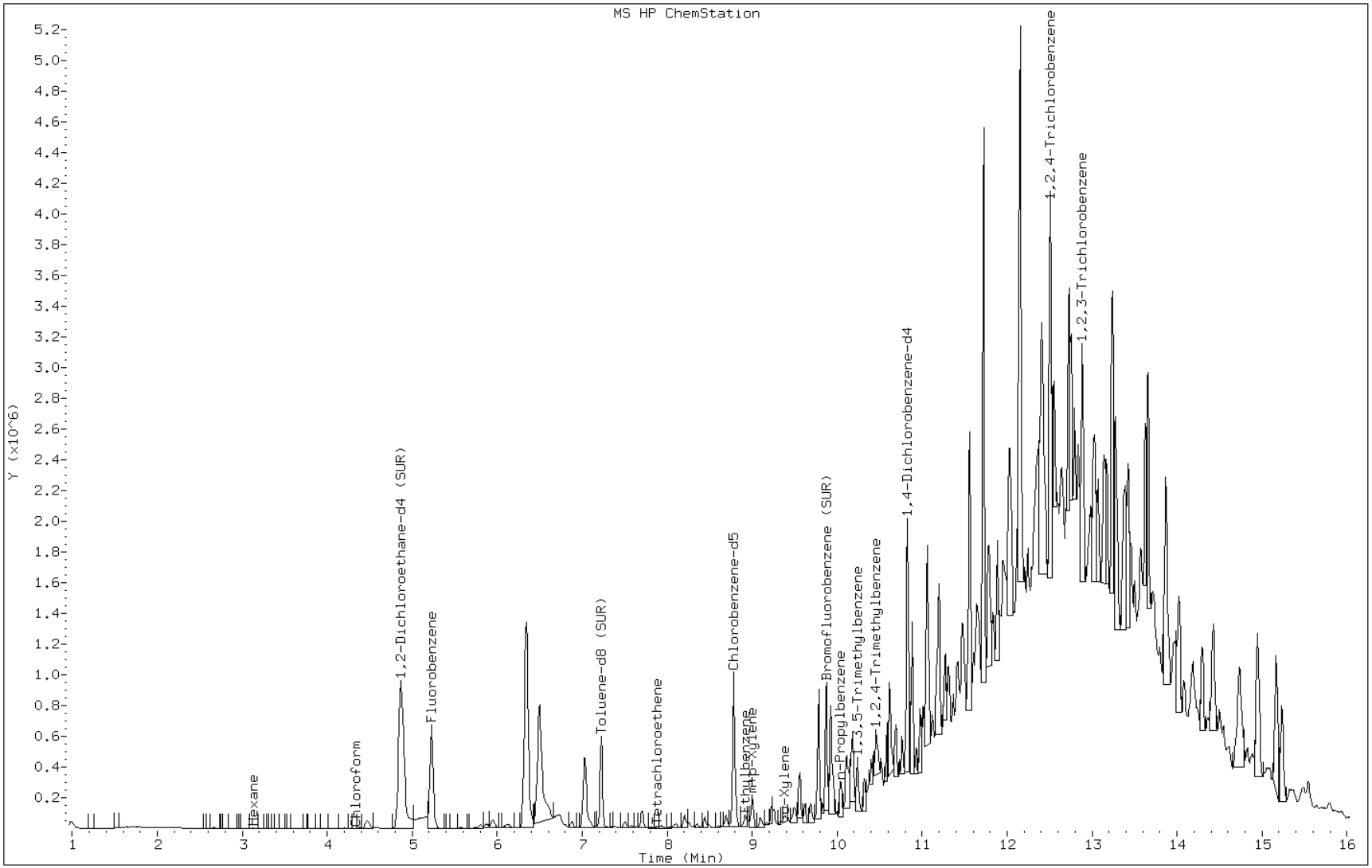
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: b53562.d

Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:



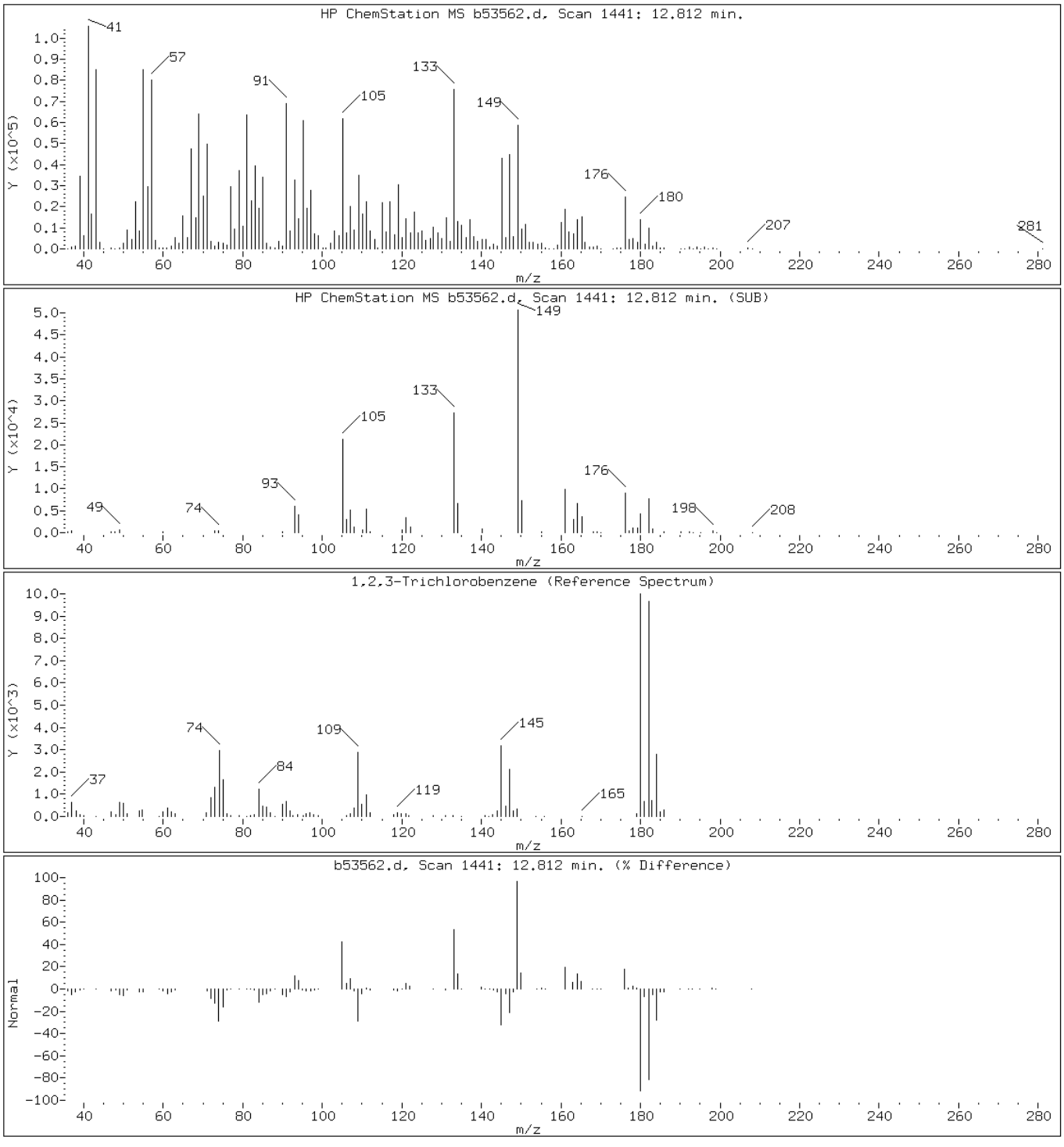
Data File: b53562.d

Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

117 1,2,3-Trichlorobenzene



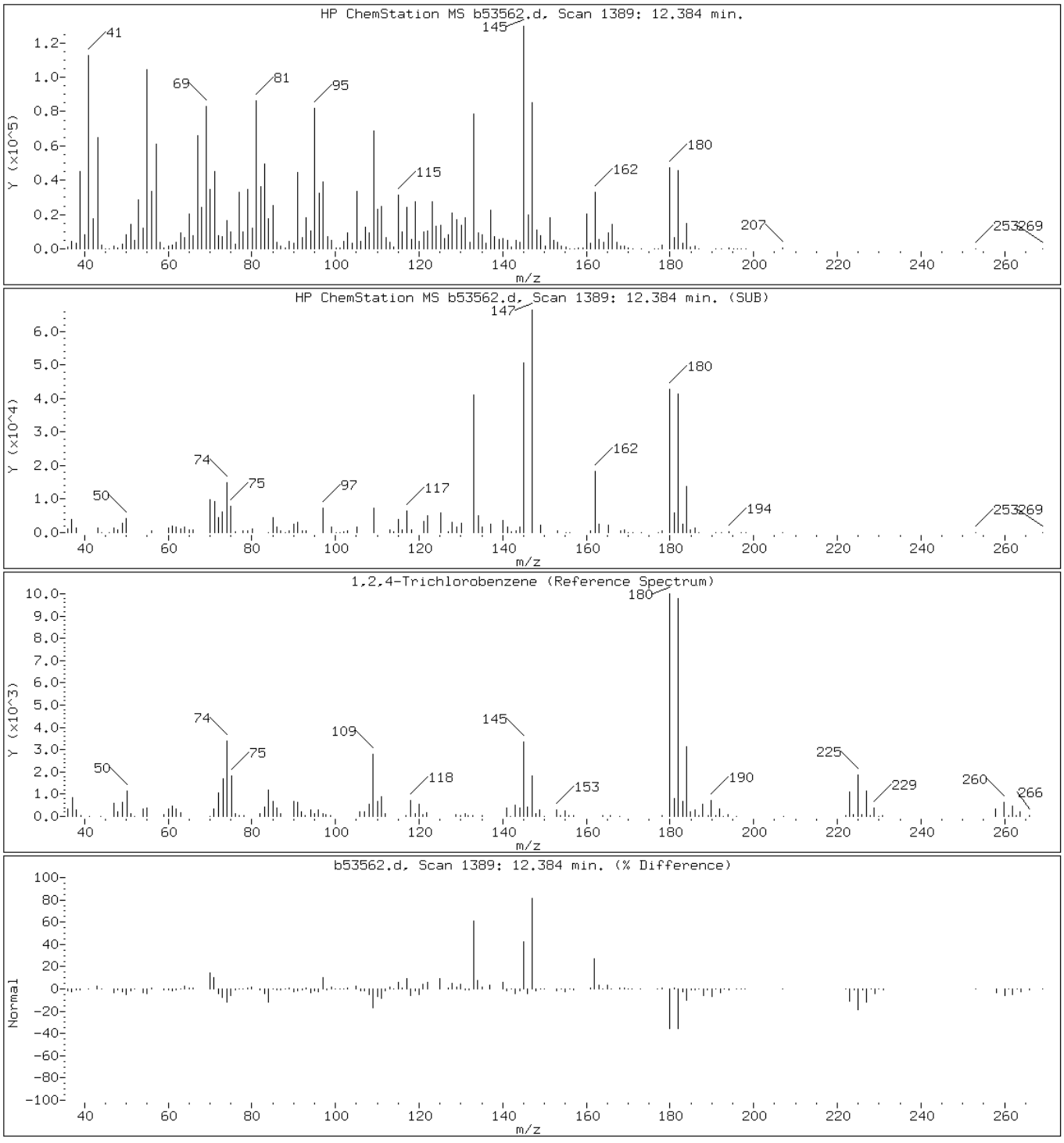
Data File: b53562.d

Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

114 1,2,4-Trichlorobenzene



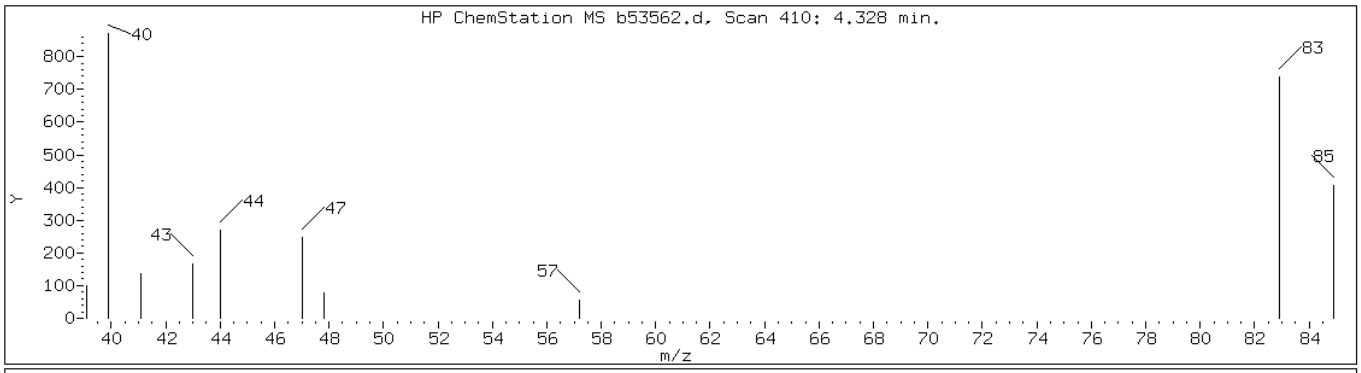
Data File: b53562.d

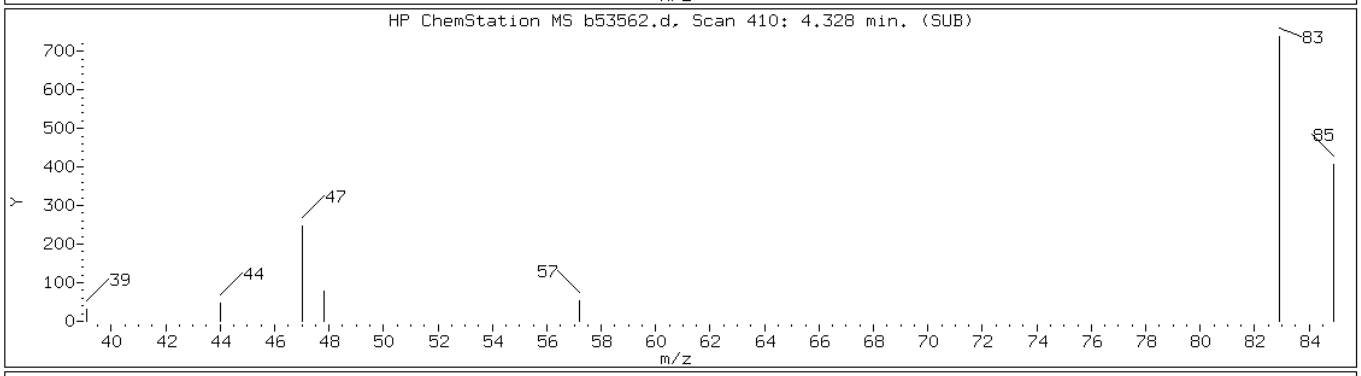
Date: 20-MAR-2013 13:42

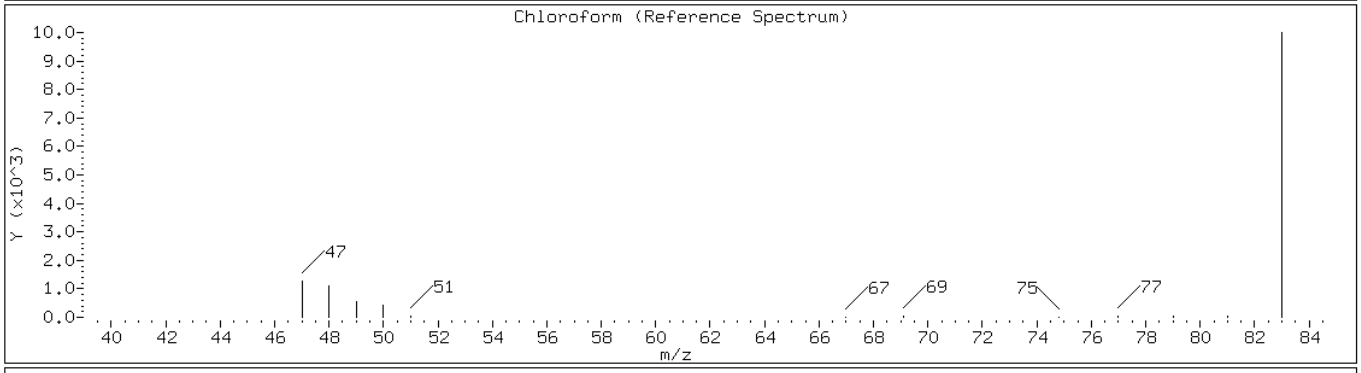
Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

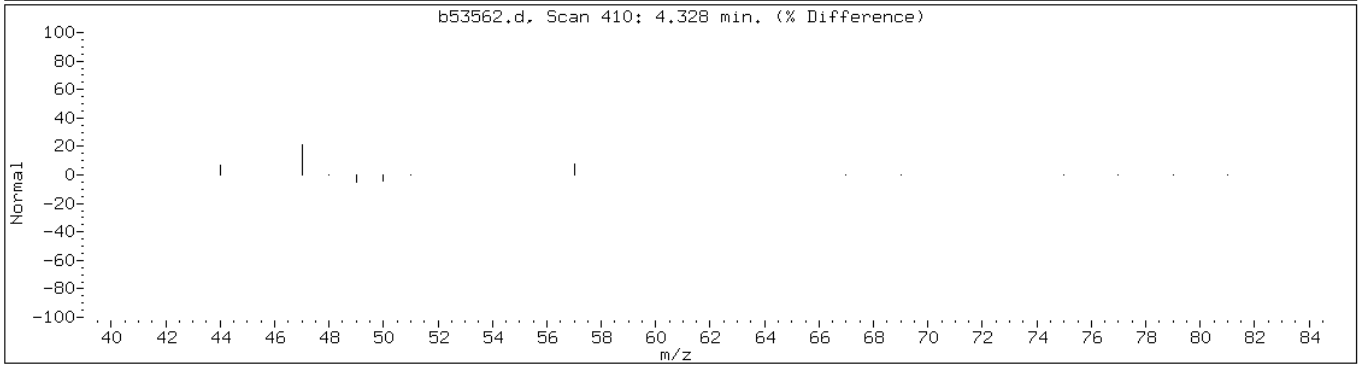
Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

42 Chloroform









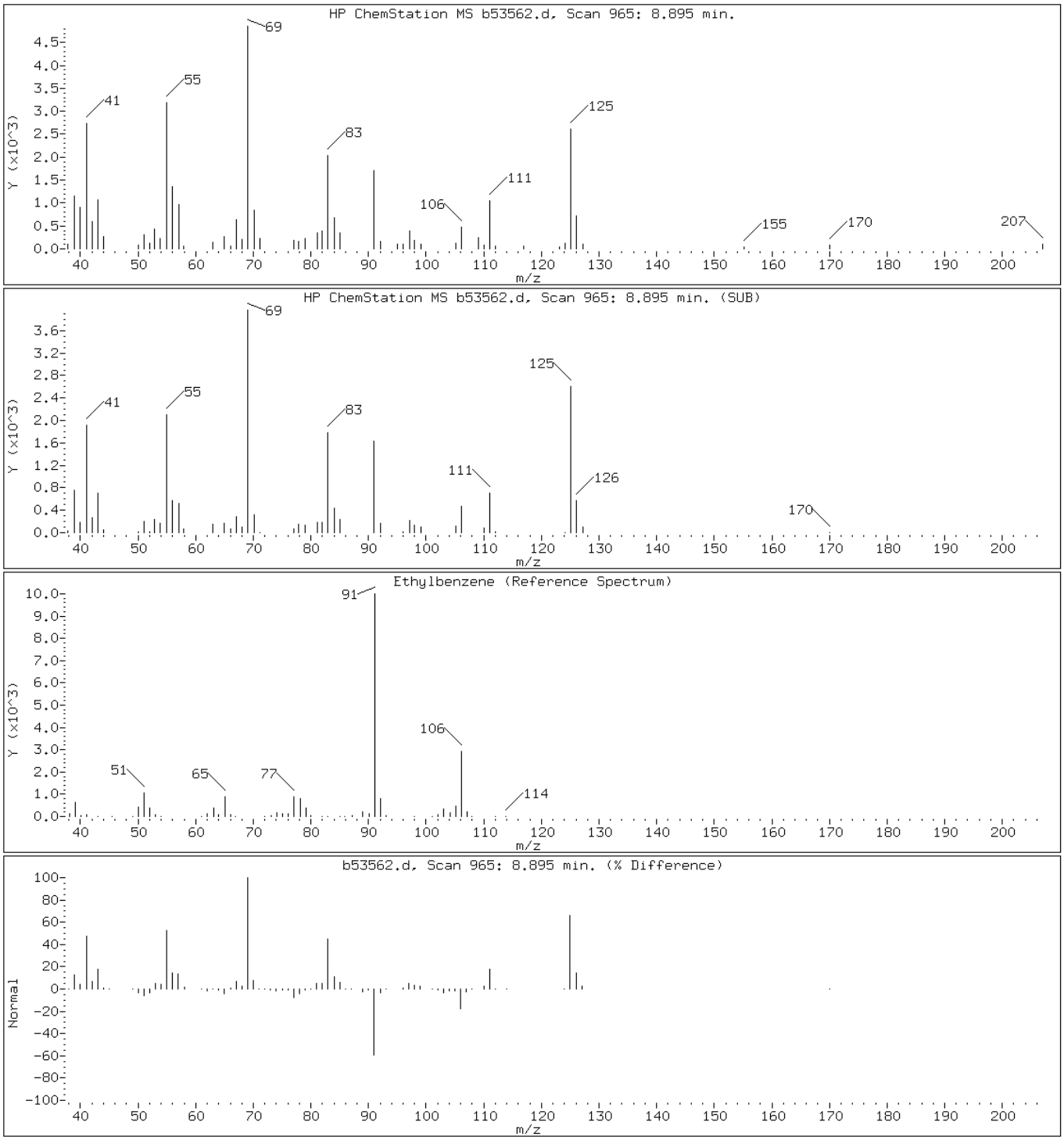
Data File: b53562.d

Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

81 Ethylbenzene



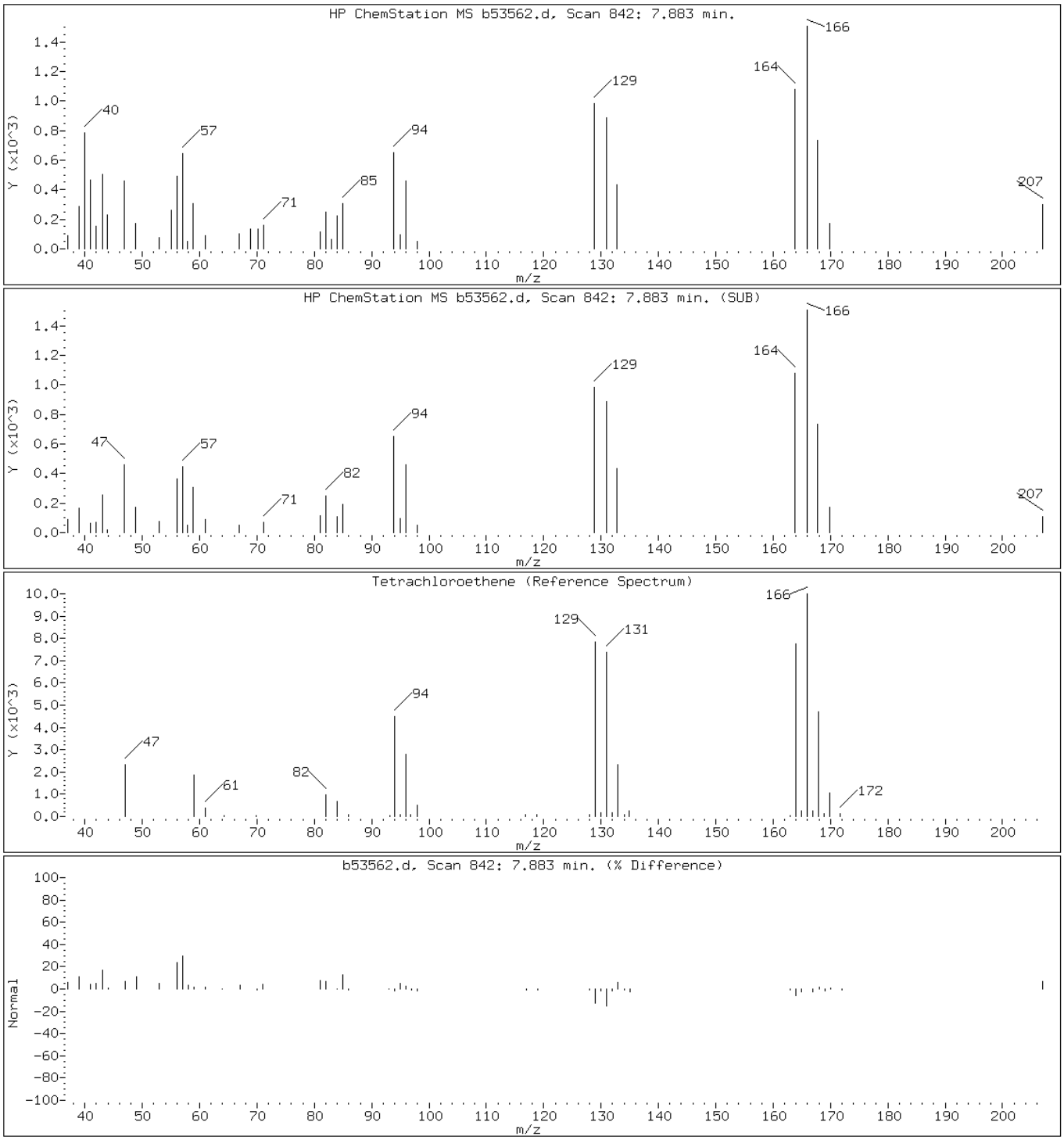
Data File: b53562.d

Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

71 Tetrachloroethene



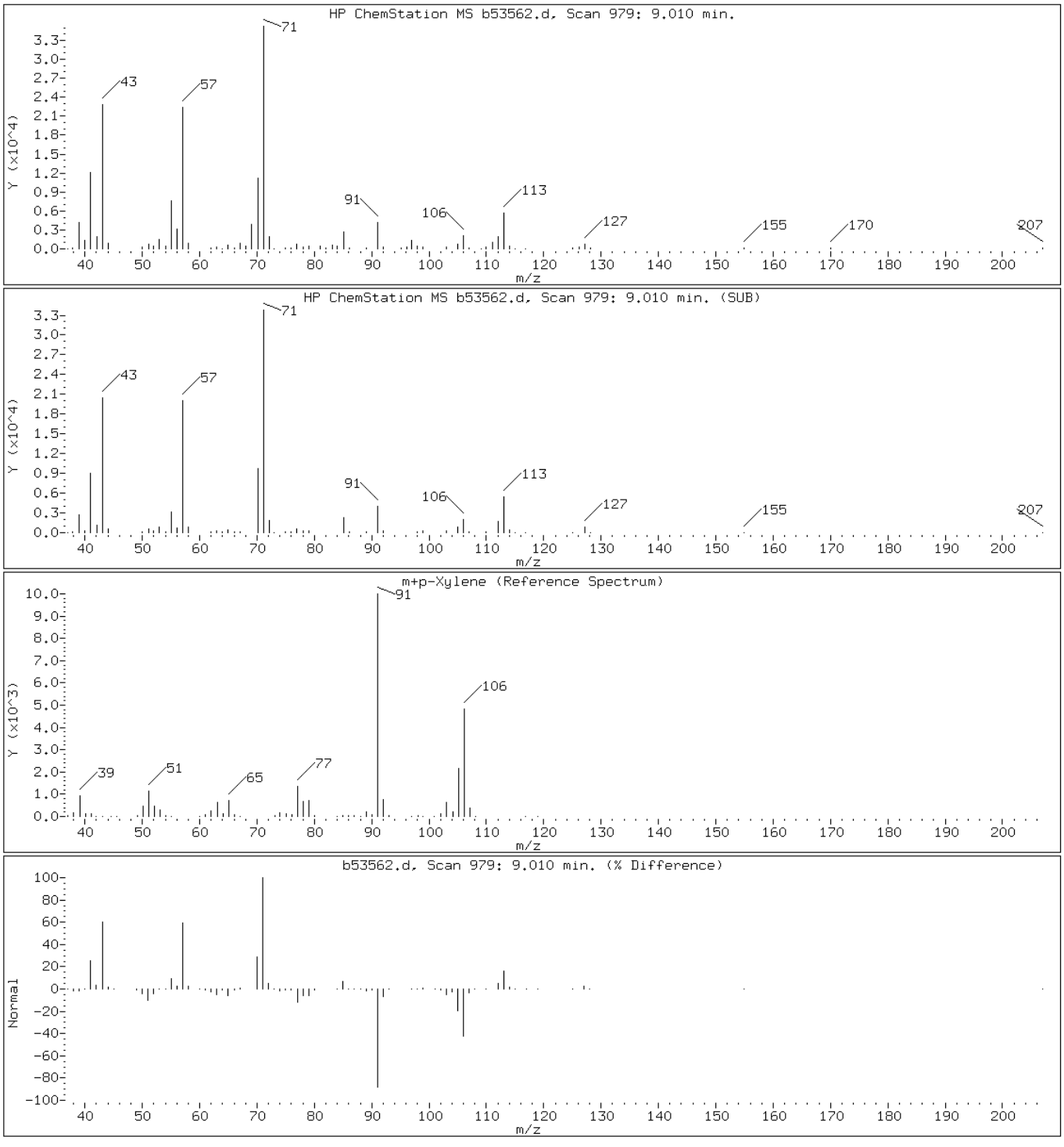
Data File: b53562.d

Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

82 m+p-Xylene



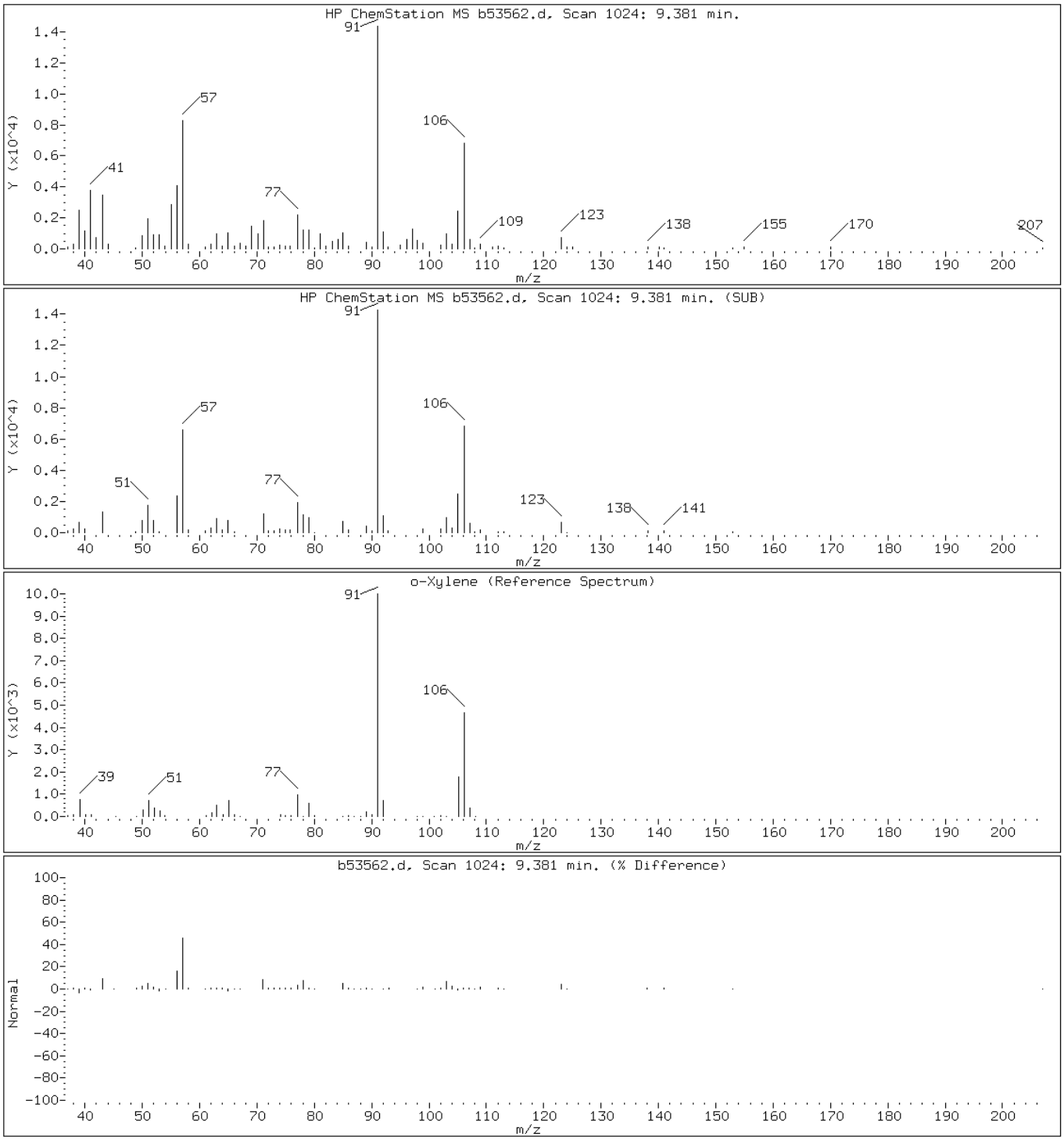
Data File: b53562.d

Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

84 o-Xylene



Data File: b53562.d

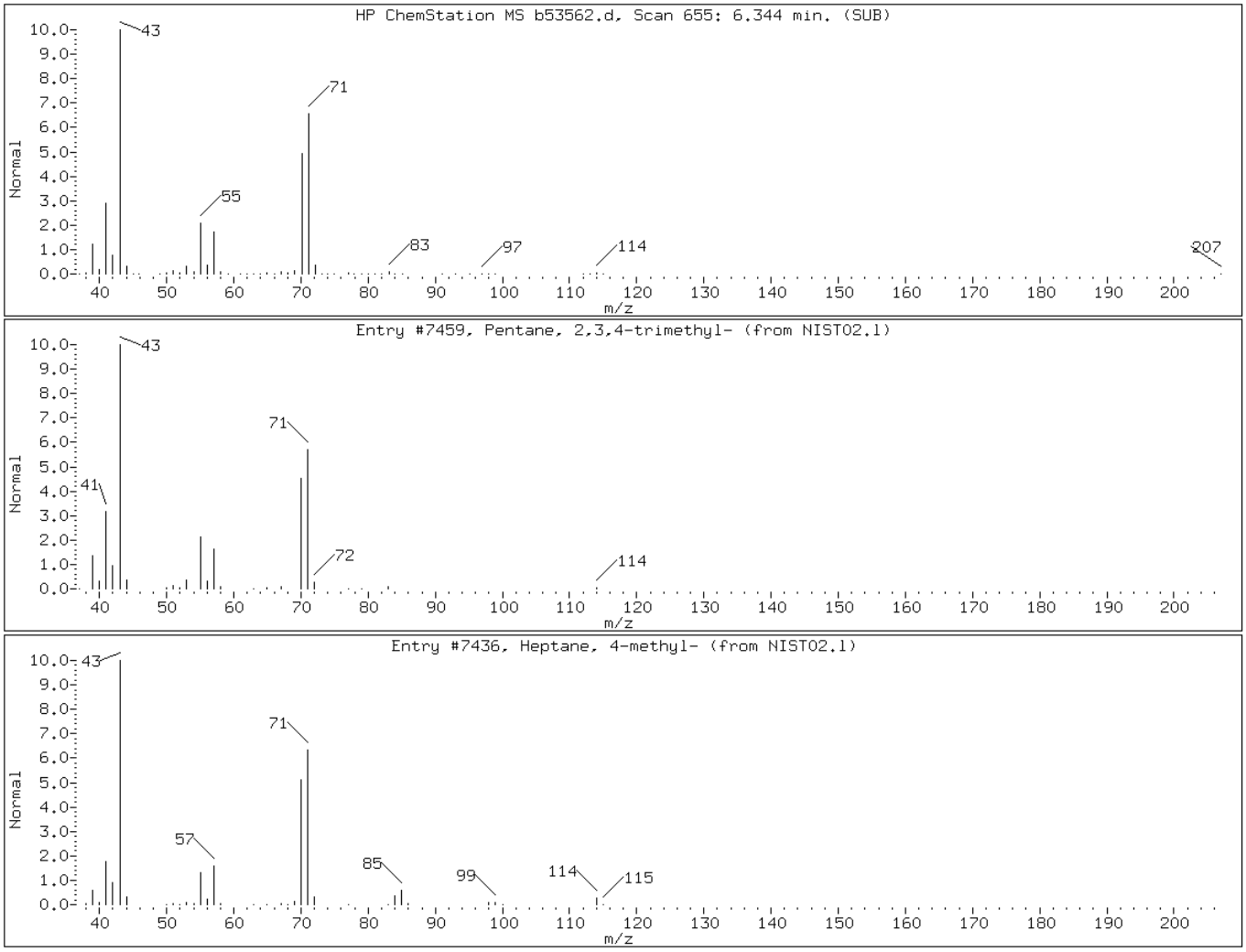
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 6.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.l	7459	91	C8H18	114
Heptane, 4-methyl-	589-53-7	NIST02.l	7436	83	C8H18	114



Data File: b53562.d

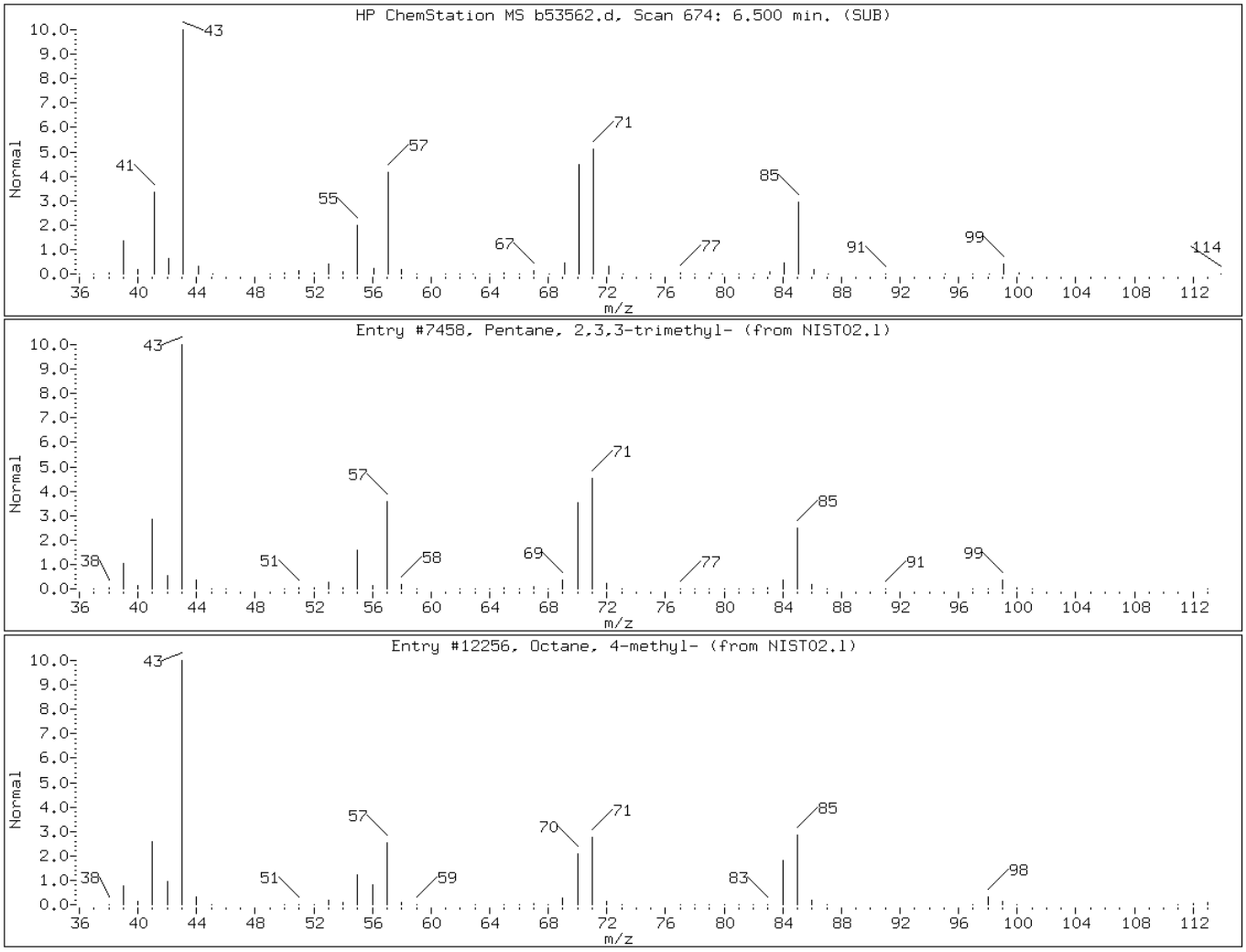
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 6.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.l	7458	90	C8H18	114
Octane, 4-methyl-	2216-34-4	NIST02.l	12256	78	C9H20	128



Data File: b53562.d

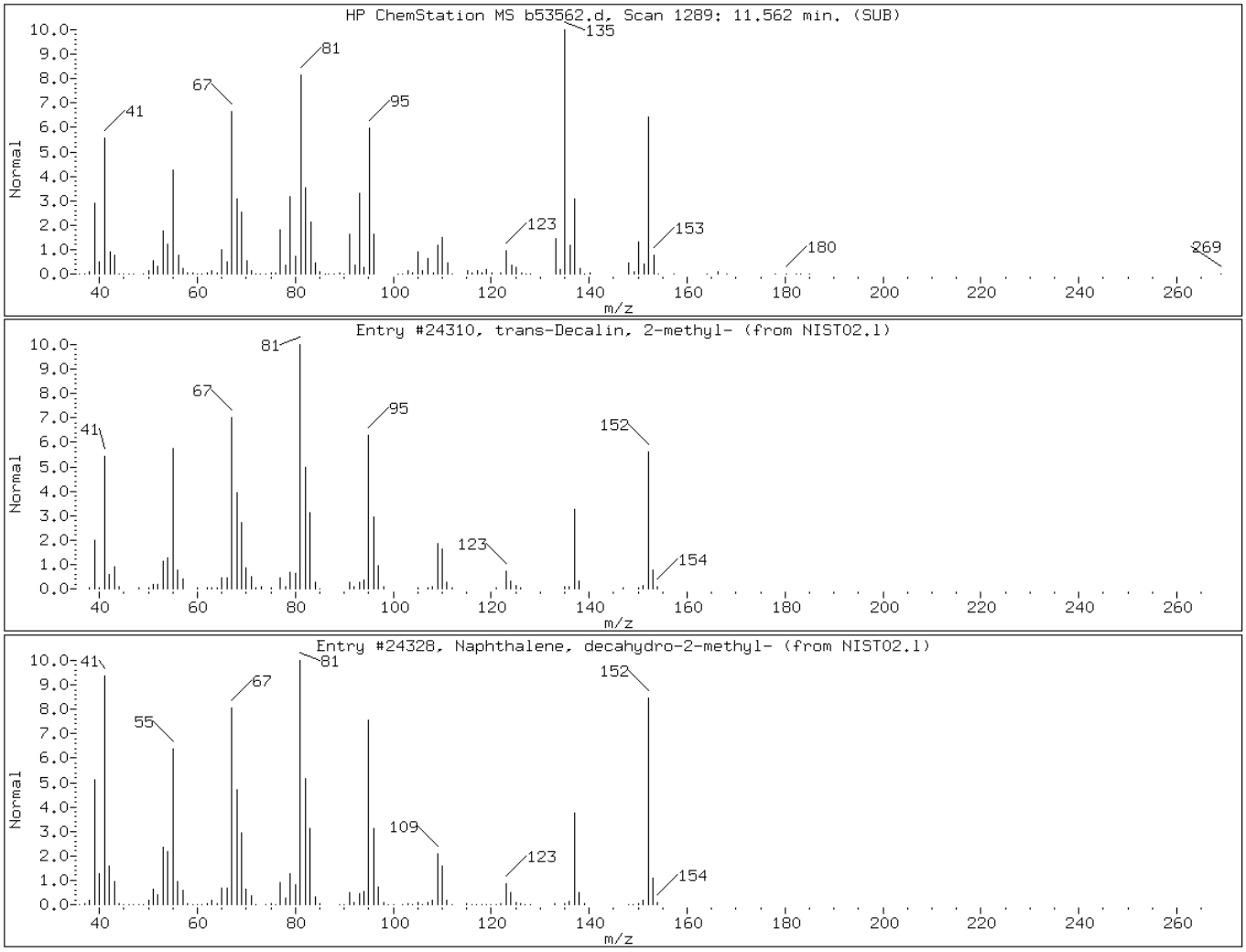
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 11.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	90	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	86	C11H20	152



Data File: b53562.d

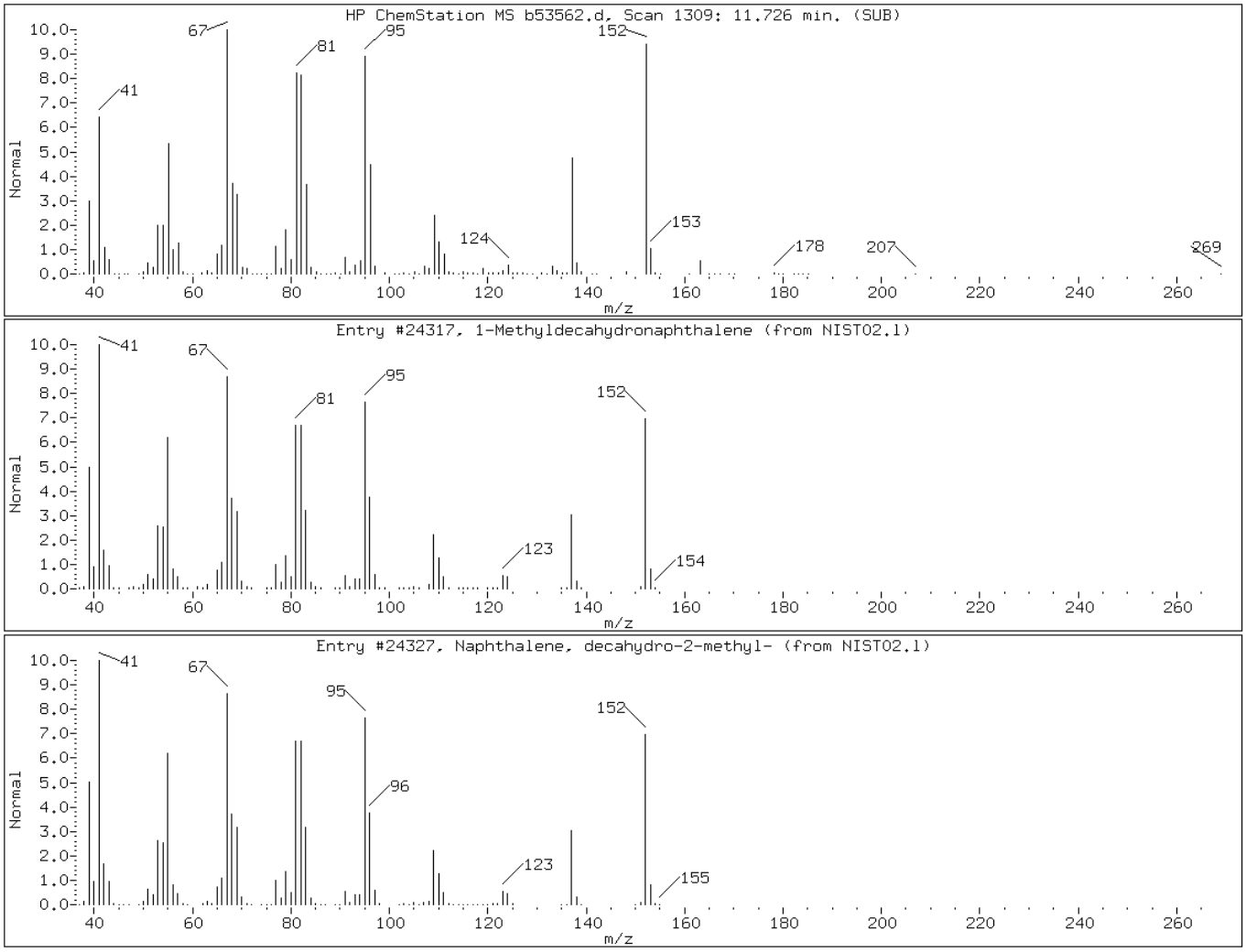
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	97	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	97	C11H20	152



Data File: b53562.d

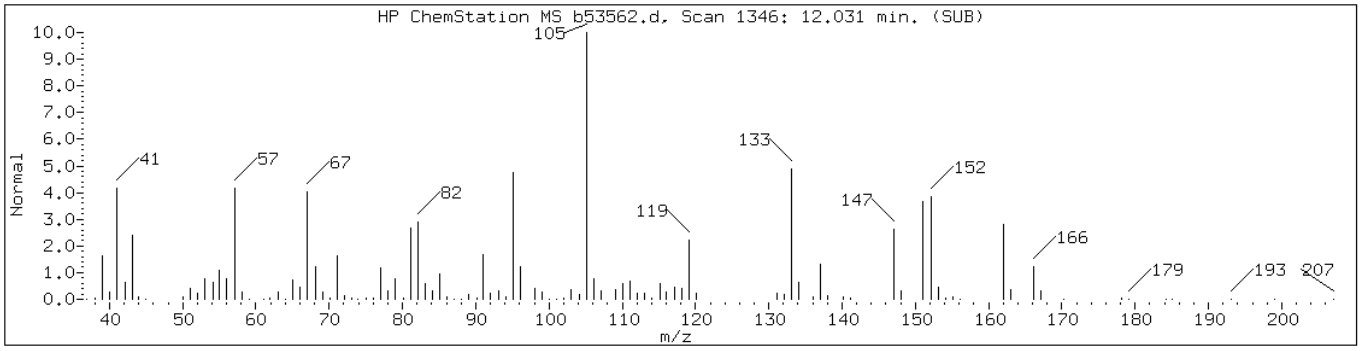
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 12.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: b53562.d

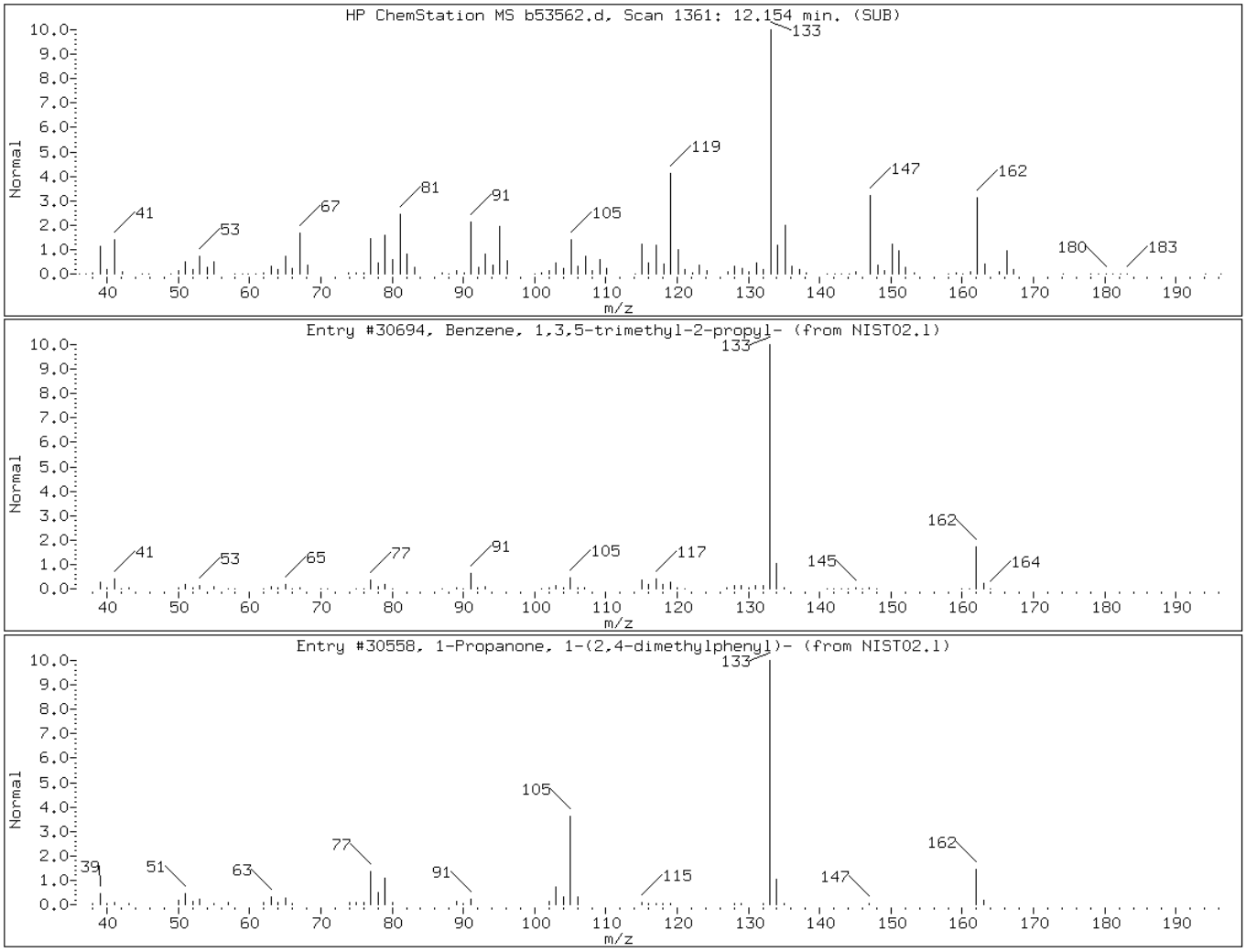
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1,3,5-trimethyl-2-propyl-	4810-04-2	NIST02.l	30694	46	C12H18	162
1-Propanone, 1-(2,4-dimethylphenyl	35031-55-1	NIST02.l	30558	46	C11H14O	162



Data File: b53562.d

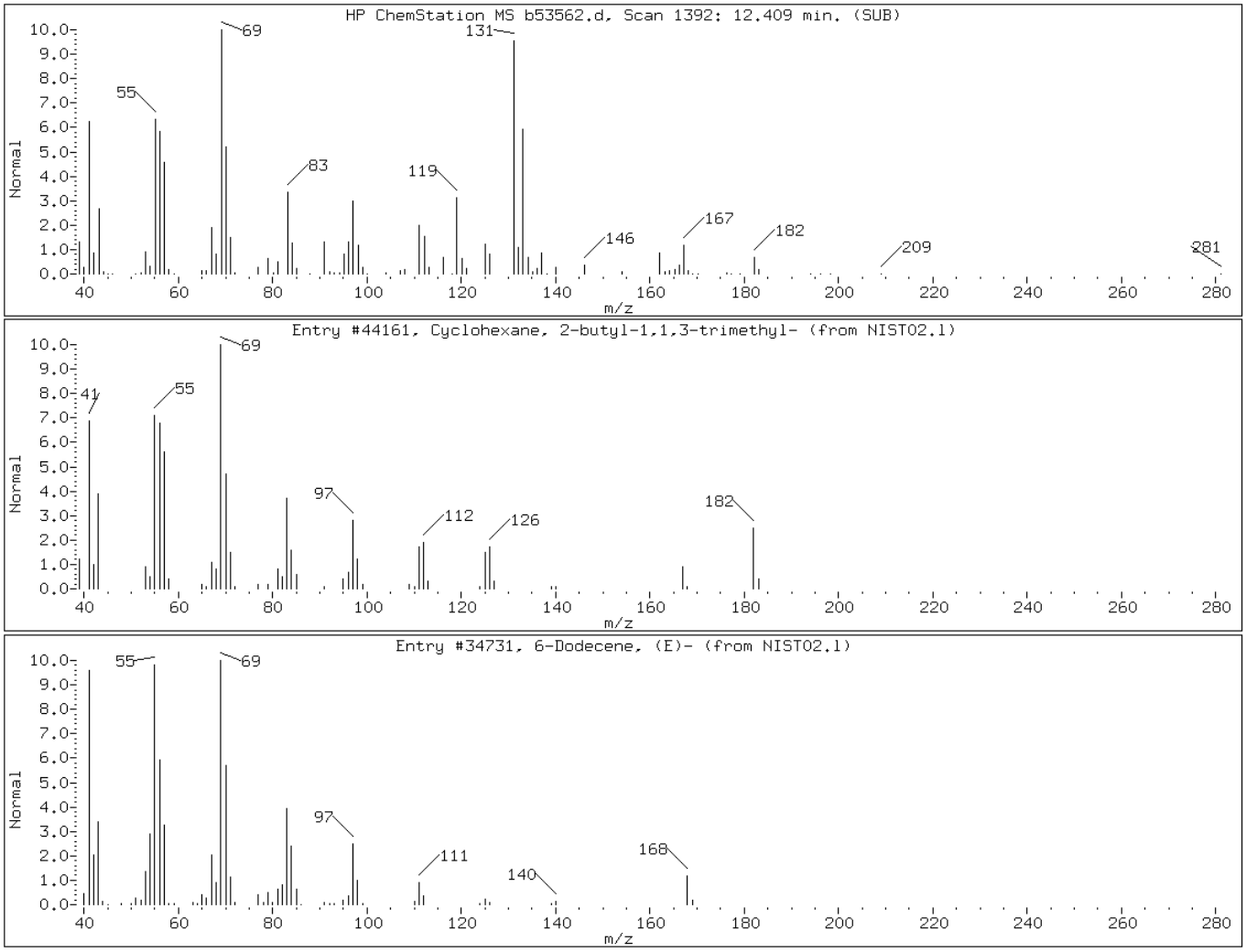
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 12.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44161	55	C13H26	182
6-Dodecene, (E)-	7206-17-9	NIST02.l	34731	41	C12H24	168



Data File: b53562.d

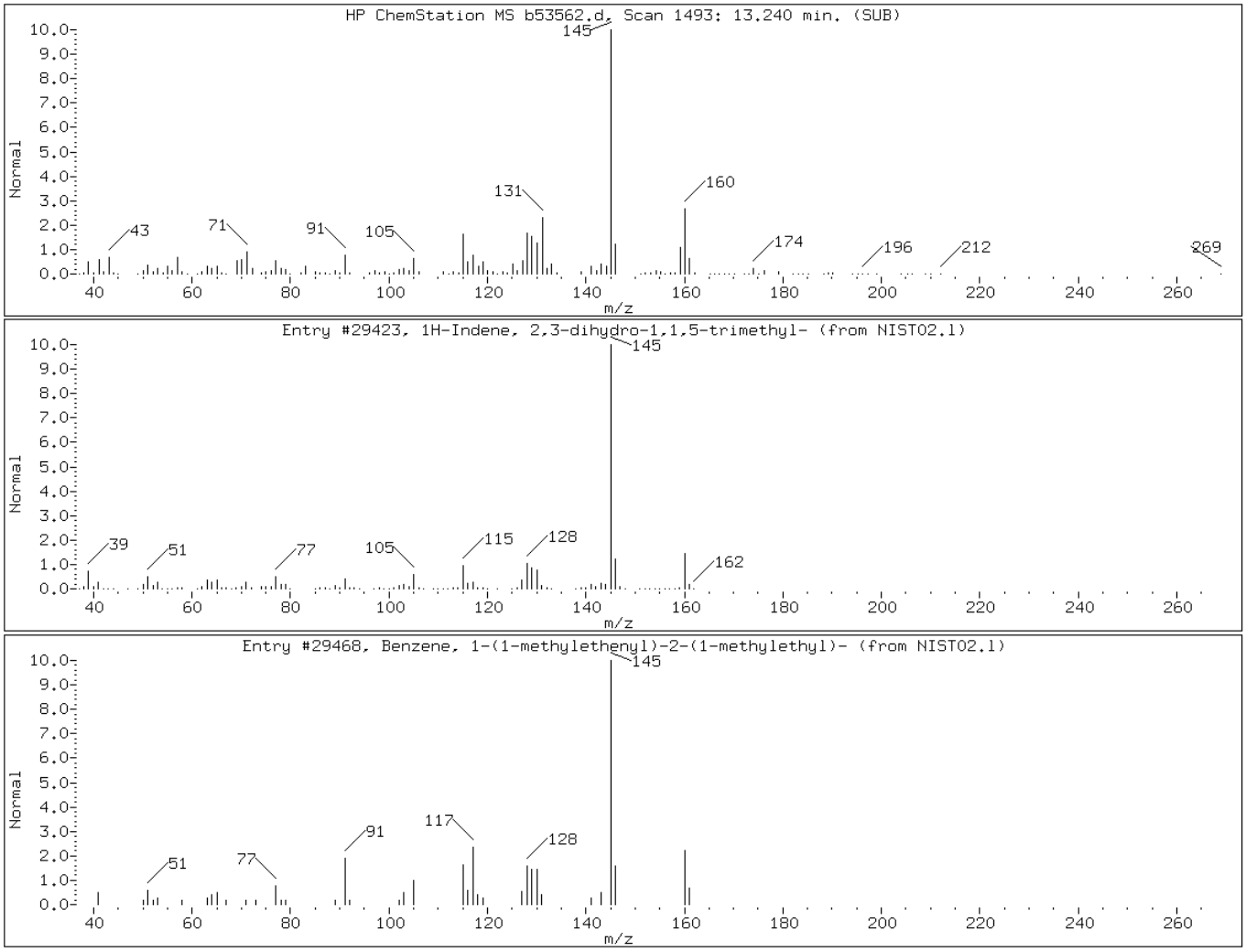
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 13.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
1H-Indene, 2,3-dihydro-1,1,5-trime	40650-41-7	NIST02.l	29423	91	C12H16	160
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	87	C12H16	160



Data File: b53562.d

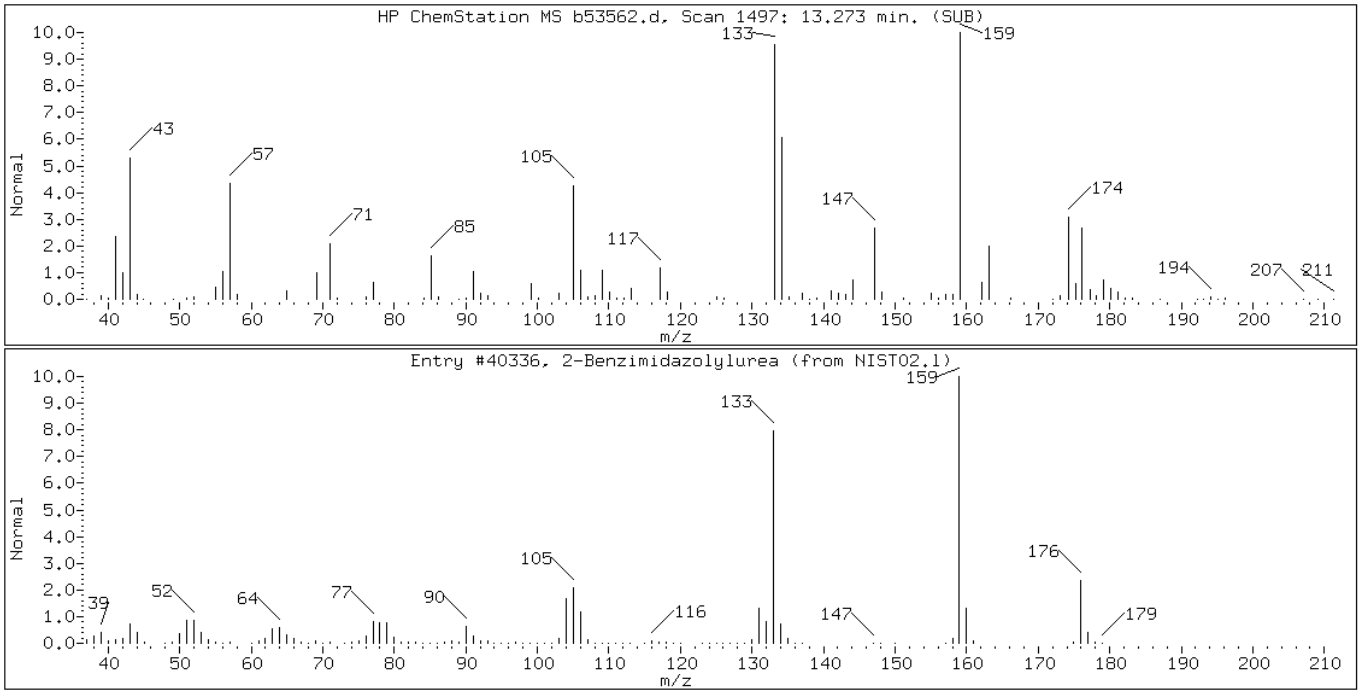
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 13.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2-Benzimidazolylurea	24370-25-0	NIST02.l	40336	49	C8H8N4O	176



Data File: b53562.d

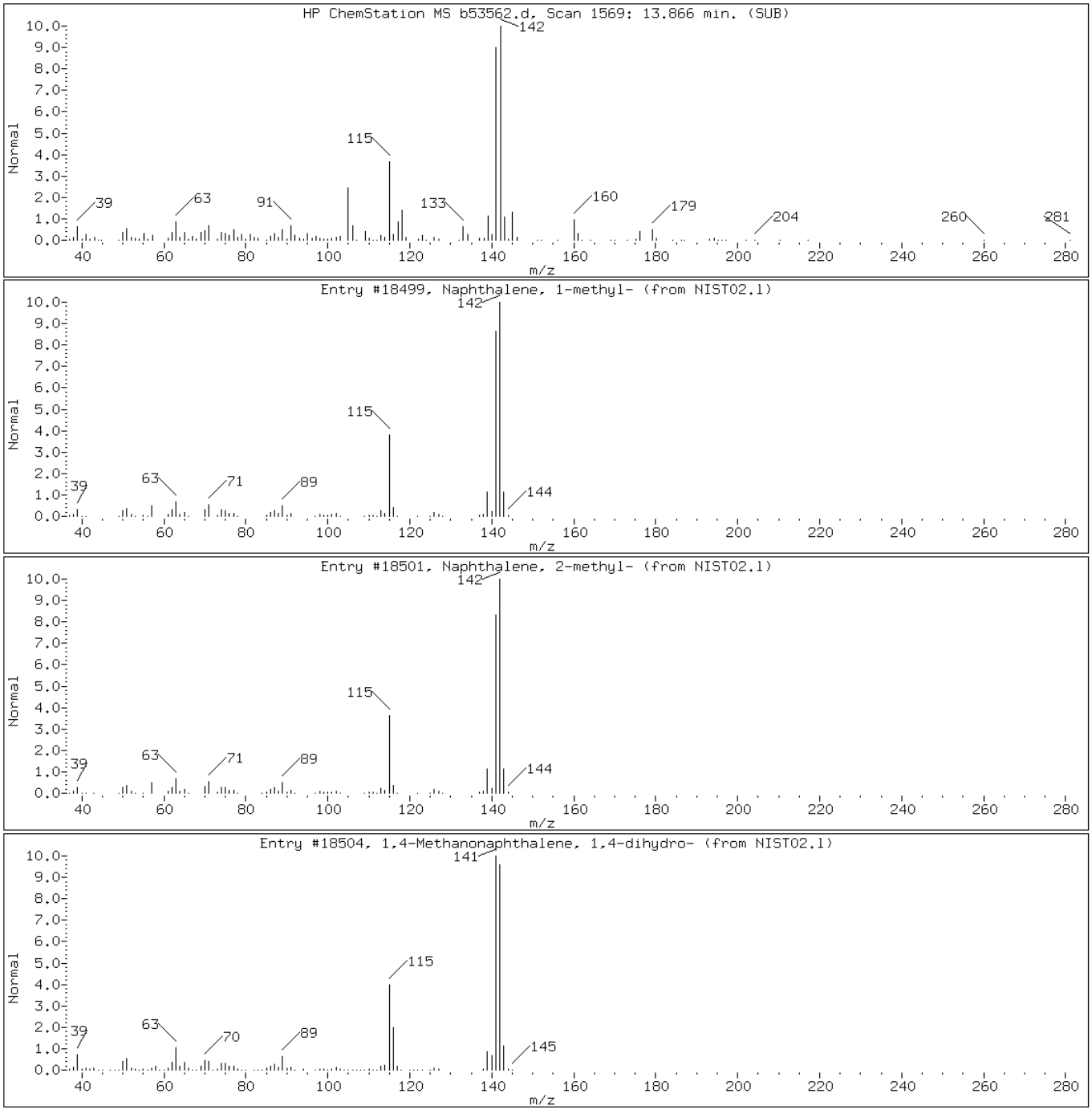
Date: 20-MAR-2013 13:42

Client ID: PMP-10-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-24-A;50;;5.86;5 Operator:

Retention Time: 13.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	89	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	91	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	89	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI | Lab Sample ID: 460-52450-25

Matrix: Solid | Lab File ID: d30841.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:35

Sample wt/vol: 5.36(g) | Date Analyzed: 03/23/2013 10:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.095	U	1.1	0.095
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.1	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.1	0.46
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	13	U	53	13
78-93-3	2-Butanone	0.66	U	11	0.66
591-78-6	2-Hexanone	0.14	U	11	0.14
108-10-1	4-Methyl-2-pentanone	0.21	U	11	0.21
67-64-1	Acetone	1.8	U	11	1.8
71-43-2	Benzene	0.16	U	1.1	0.16
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34
75-25-2	Bromoform	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.45	U	1.1	0.45
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
75-00-3	Chloroethane	0.35	U	1.1	0.35
67-66-3	Chloroform	1.3		1.1	0.25
74-87-3	Chloromethane	0.17	U	1.1	0.17
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
100-41-4	Ethylbenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI | Lab Sample ID: 460-52450-25

Matrix: Solid | Lab File ID: d30841.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:35

Sample wt/vol: 5.36(g) | Date Analyzed: 03/23/2013 10:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	0.85	J B	1.1	0.16
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.29	U	1.1	0.29
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
1330-20-7	Xylenes, Total	0.70	U	3.2	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI | Lab Sample ID: 460-52450-25

Matrix: Solid | Lab File ID: d30841.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:35

Sample wt/vol: 5.36(g) | Date Analyzed: 03/23/2013 10:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 146.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	11.27	7.1	J
	Unknown Alkane-1	11.41	11	J
	Unknown Alkane-2	12.00	22	J
	Unknown Alkane-3	12.13	16	J
	Unknown	12.42	20	J
	Unknown Alkane-4	12.71	24	J
	Unknown-1	12.96	9.3	J
	Unknown Alkane-5	13.02	17	J
	Unknown-2	13.36	12	J
	Unknown Alkane-7	14.20	7.9	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30841.d
Report Date: 25-Mar-2013 20:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30841.d
Lab Smp Id: 460-52450-E-25-A Client Smp ID: PMP-10-NE-SI
Inj Date : 23-MAR-2013 10:51
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-E-25-A;;;5.36;5
Misc Info : 460-52450-E-25-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 11
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	5.36000	Weight of sample extracted (g)
M	11.31757	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.463	2.469	(0.541)	2522	0.80757	0.85(aMH)
	15 Chloroform	83	3.681	3.675	(0.809)	7534	1.20983	1.3
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.941)	83900	49.6683	52
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	406373	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	363967	54.0738	57
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	263002	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	164456	53.3979	56
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	148918	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30841.d
Report Date: 25-Mar-2013 20:57

QC Flag Legend

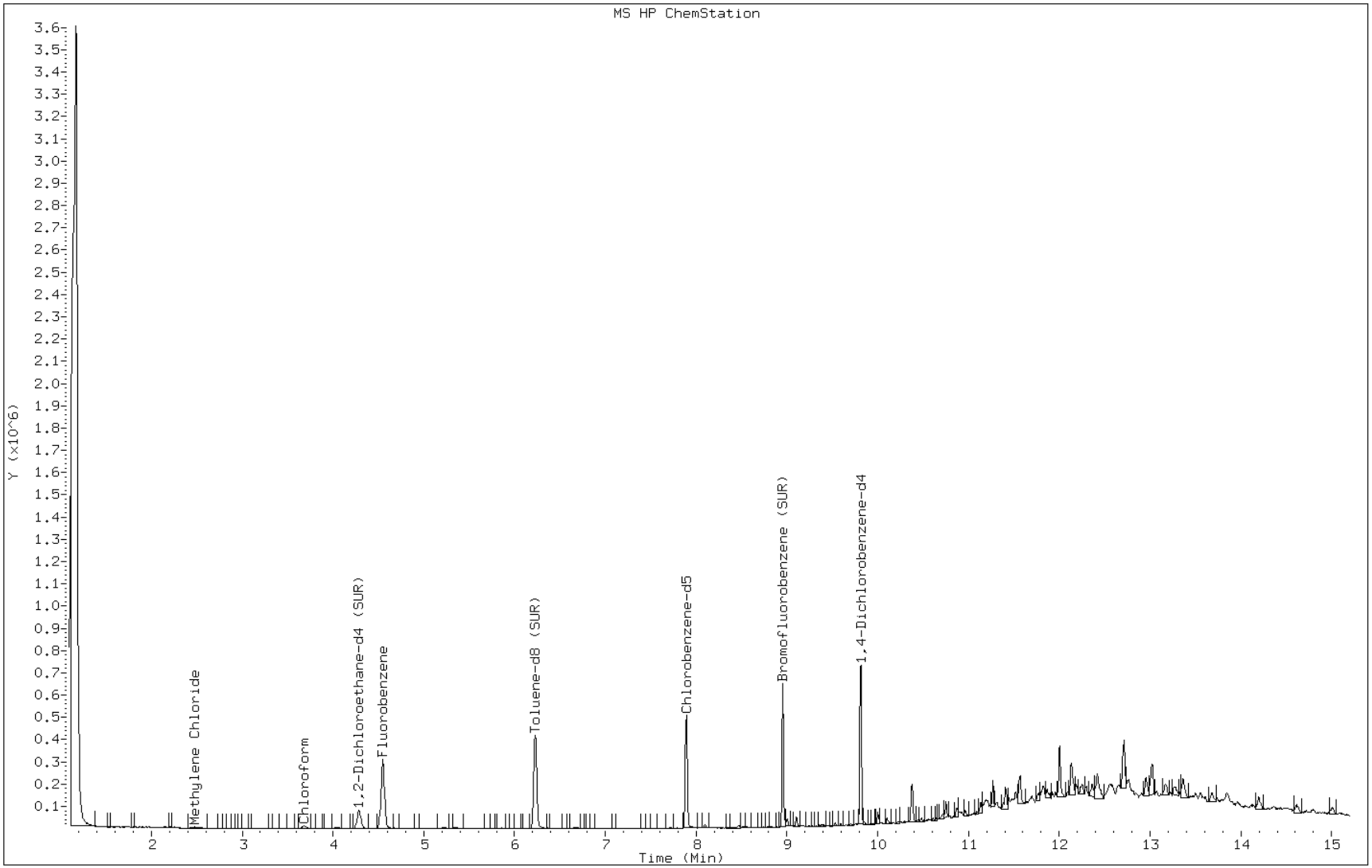
H - Operator selected an alternate compound hit.

Data File: d30841.d

Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9



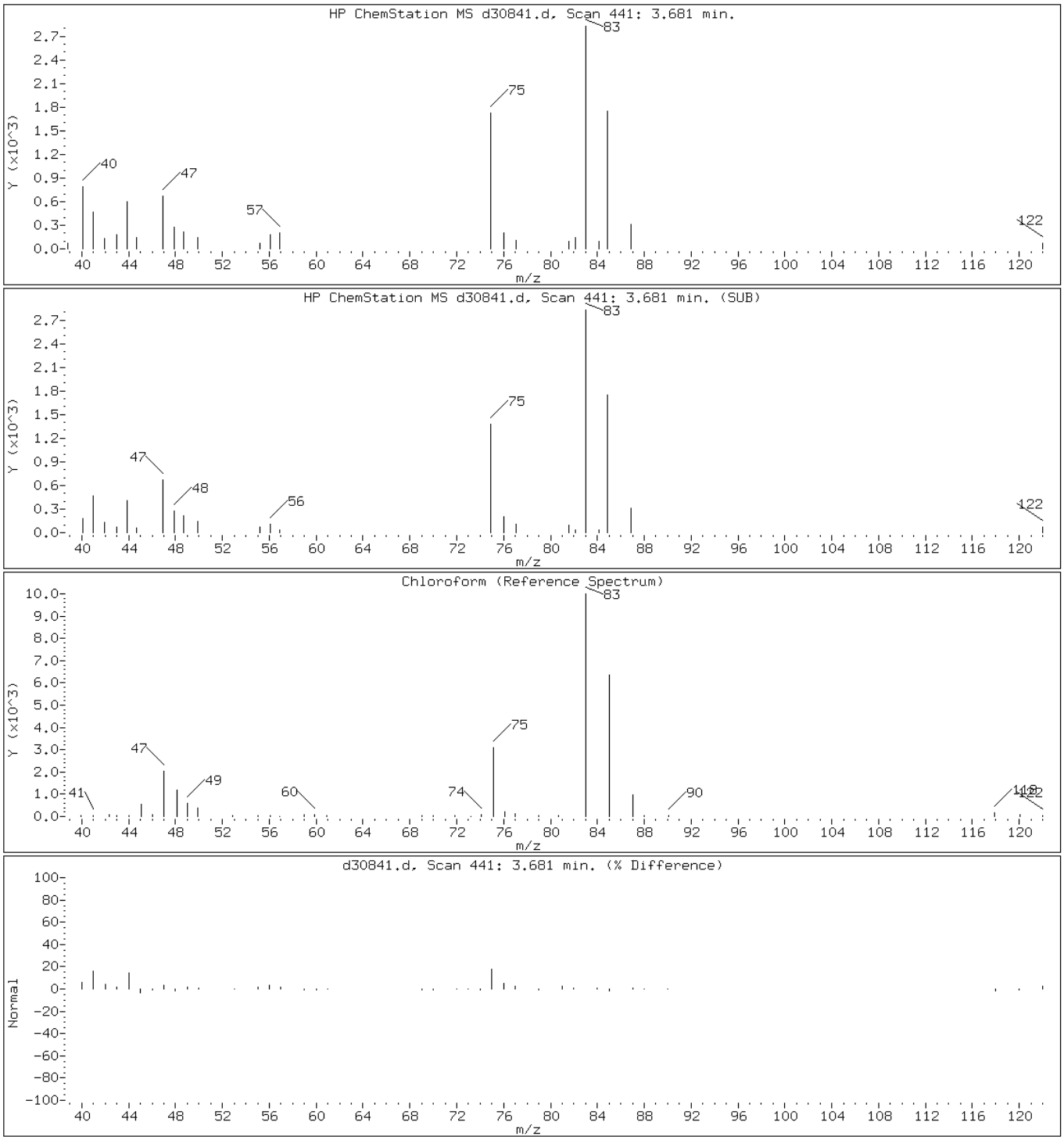
Data File: d30841.d

Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

15 Chloroform



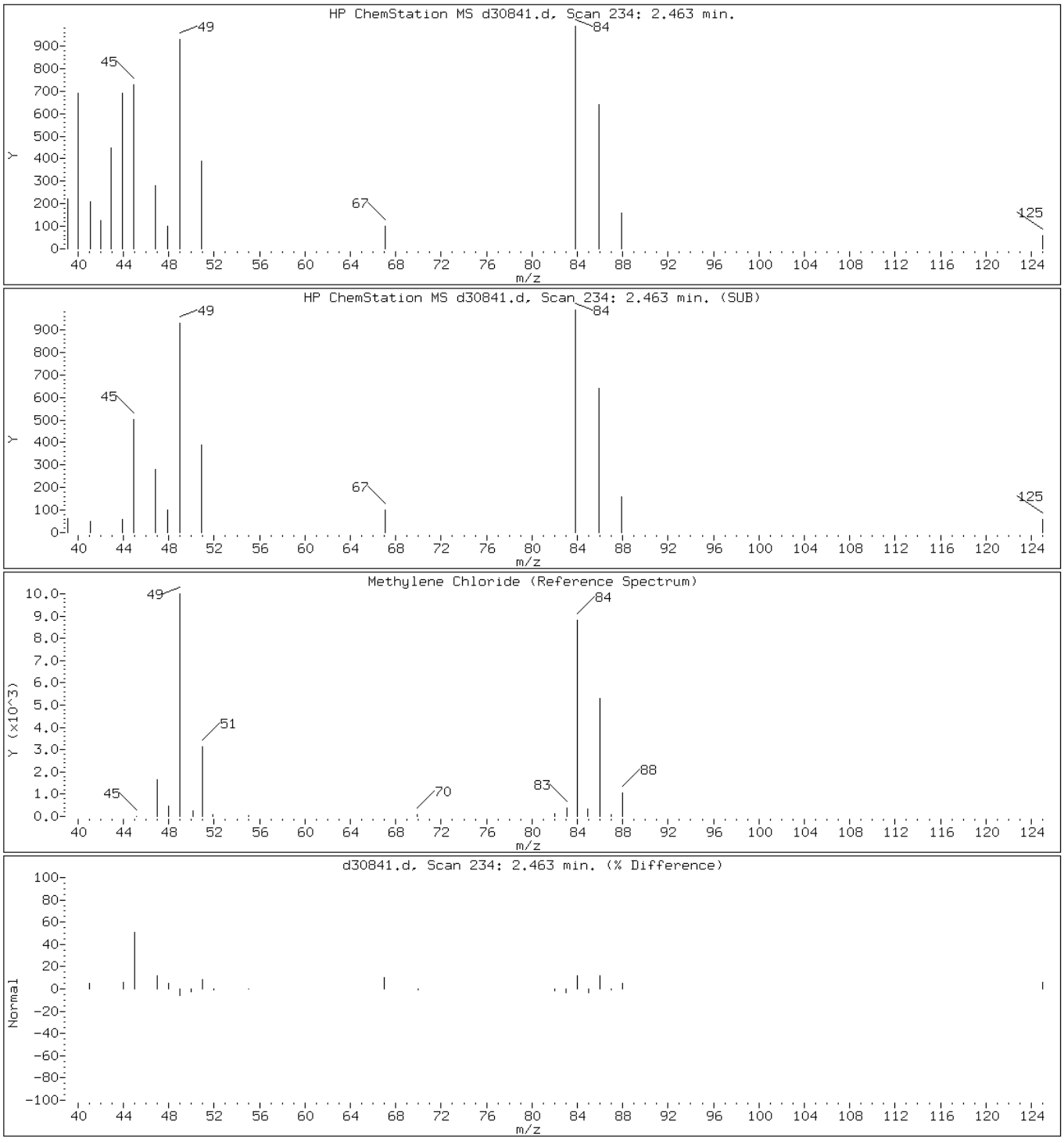
Data File: d30841.d

Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

6 Methylene Chloride



Manual Integration Report

Data File: d30841.d
Inj. Date and Time: 23-MAR-2013 10:51
Instrument ID: VOAMS4.i
Client ID: PMP-10-NE-SI
Compound: 6 Methylene Chloride
CAS #: 75-09-2
Report Date: 03/25/2013

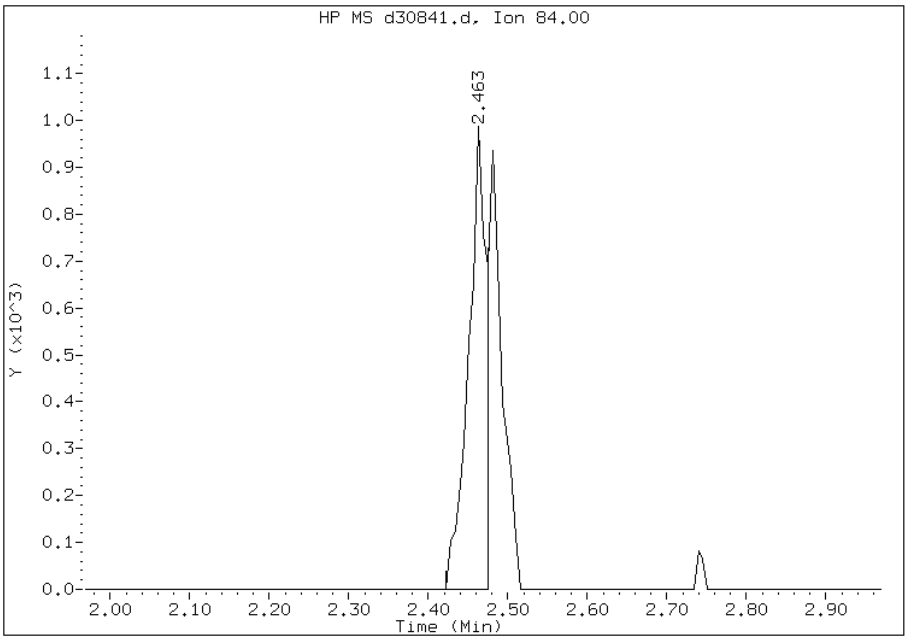
Processing Integration Results

RT: 2.46

Response: 1545

Amount: 0

Conc: 1



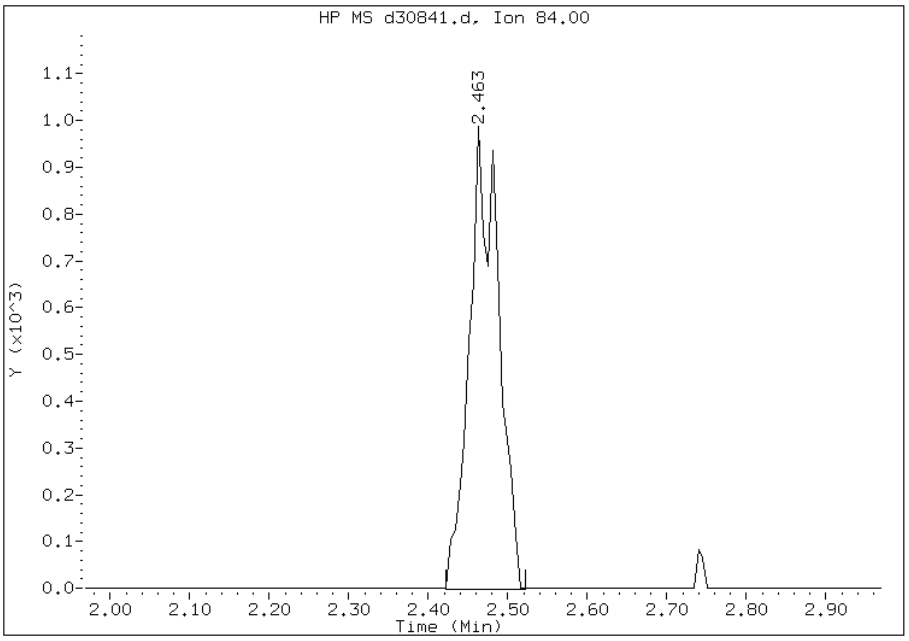
Manual Integration Results

RT: 2.46

Response: 2522

Amount: 1

Conc: 1



Manually Integrated By: maryb
Manual Integration Reason:

Data File: d30841.d

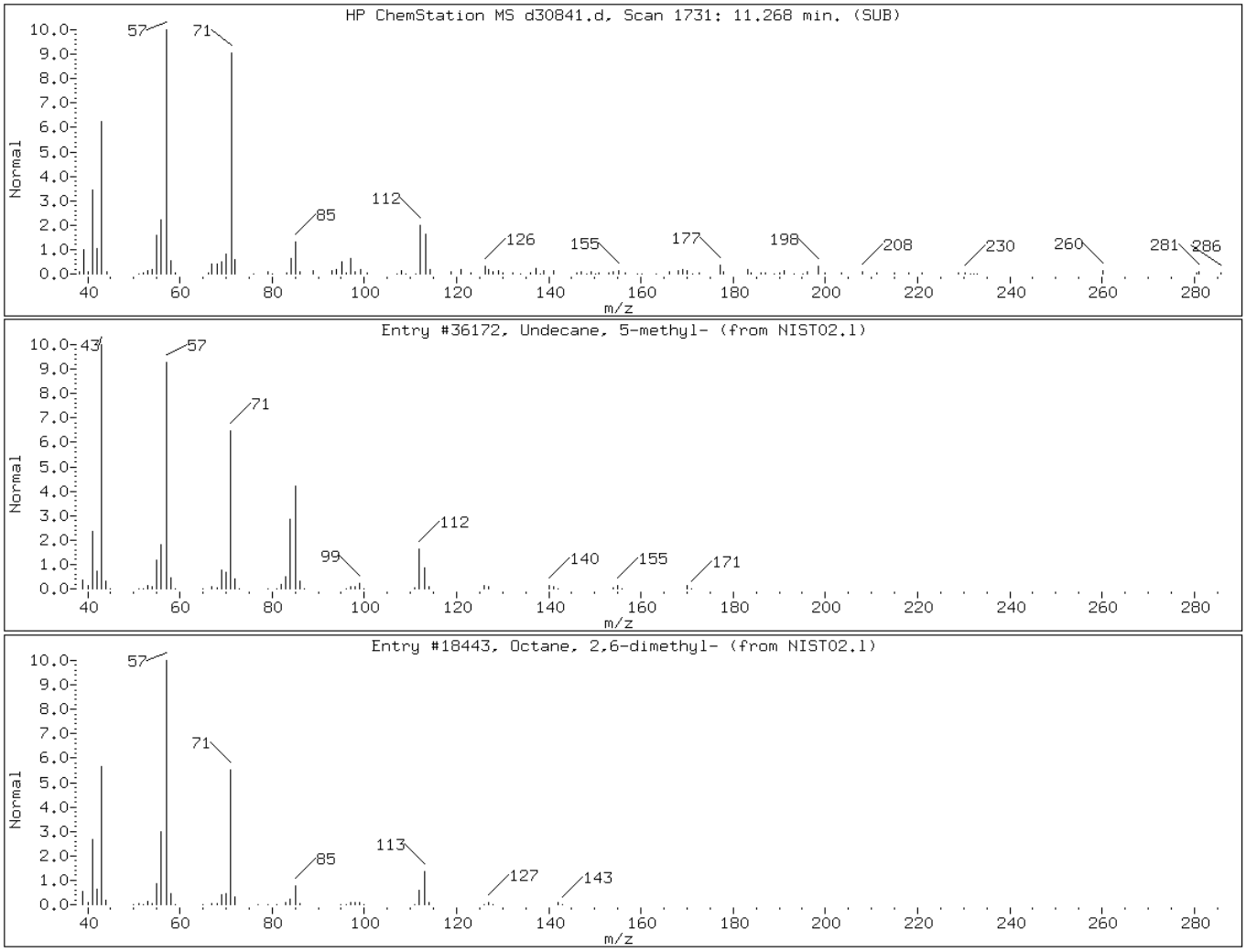
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 11.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane, 5-methyl-	1632-70-8	NIST02.l	36172	83	C12H26	170
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	80	C10H22	142



Data File: d30841.d

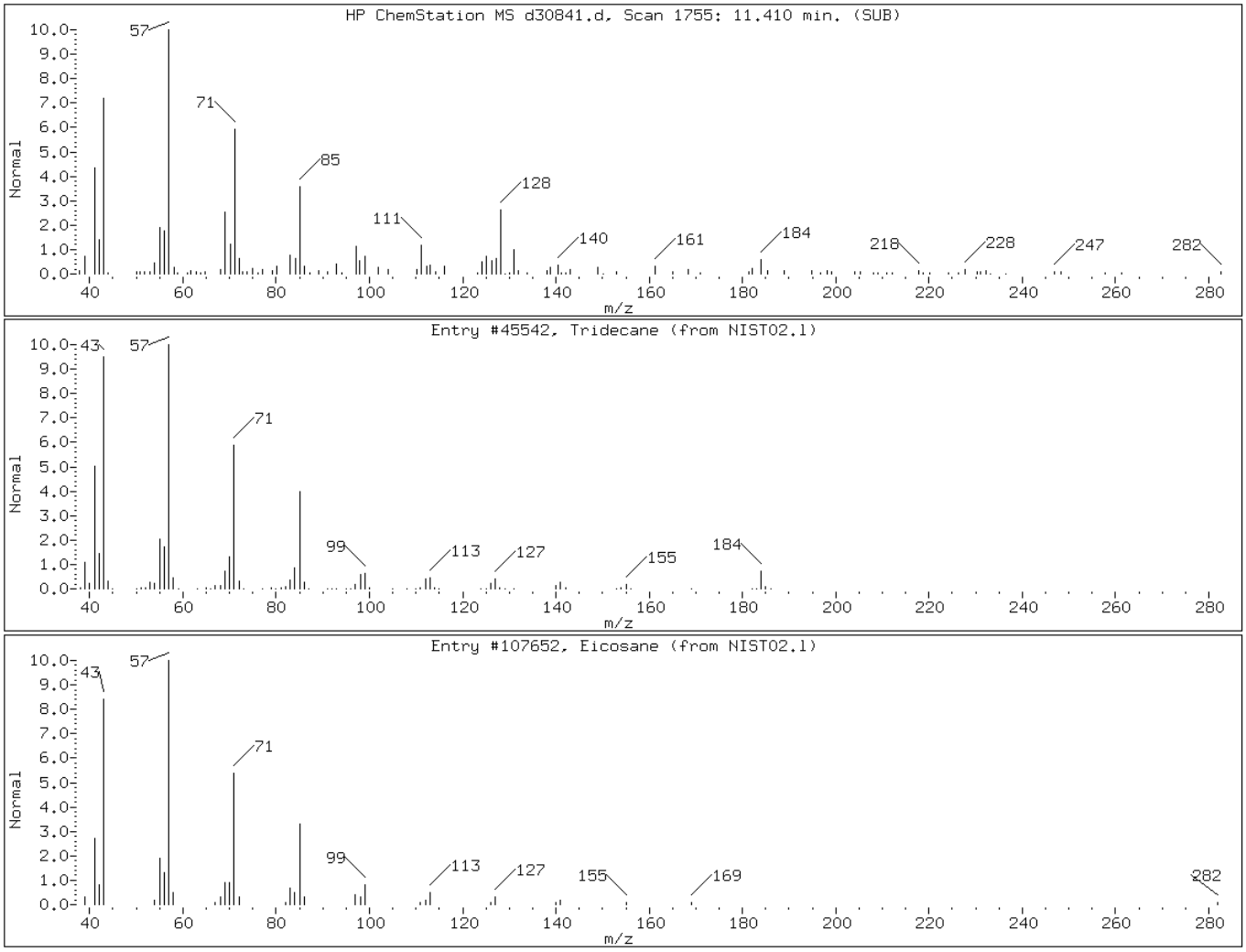
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 11.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tridecane	629-50-5	NIST02.l	45542	95	C13H28	184
Eicosane	112-95-8	NIST02.l	107652	78	C20H42	282



Data File: d30841.d

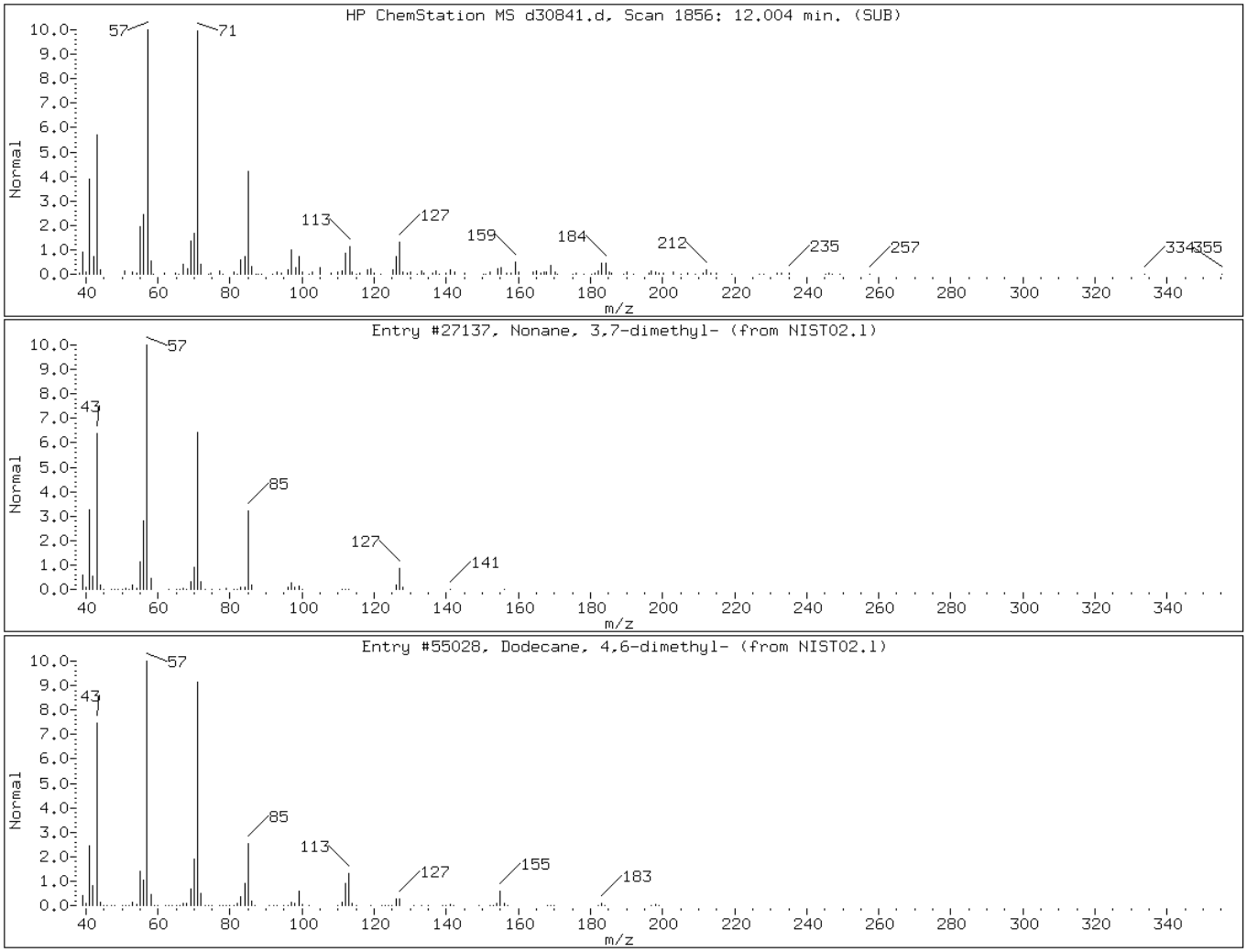
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 12.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	83	C11H24	156
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55028	83	C14H30	198



Data File: d30841.d

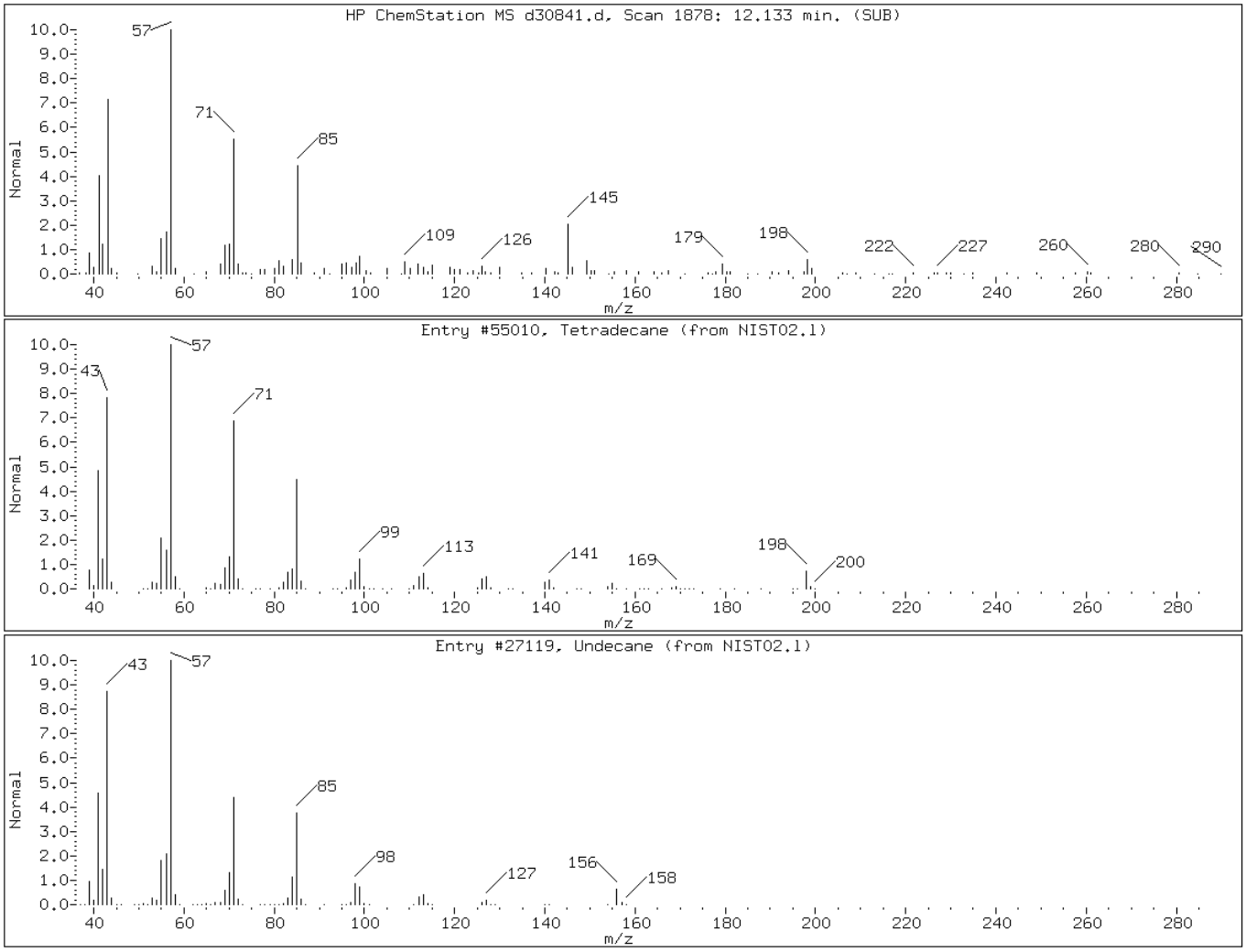
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 12.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55010	89	C14H30	198
Undecane	1120-21-4	NIST02.l	27119	52	C11H24	156



Data File: d30841.d

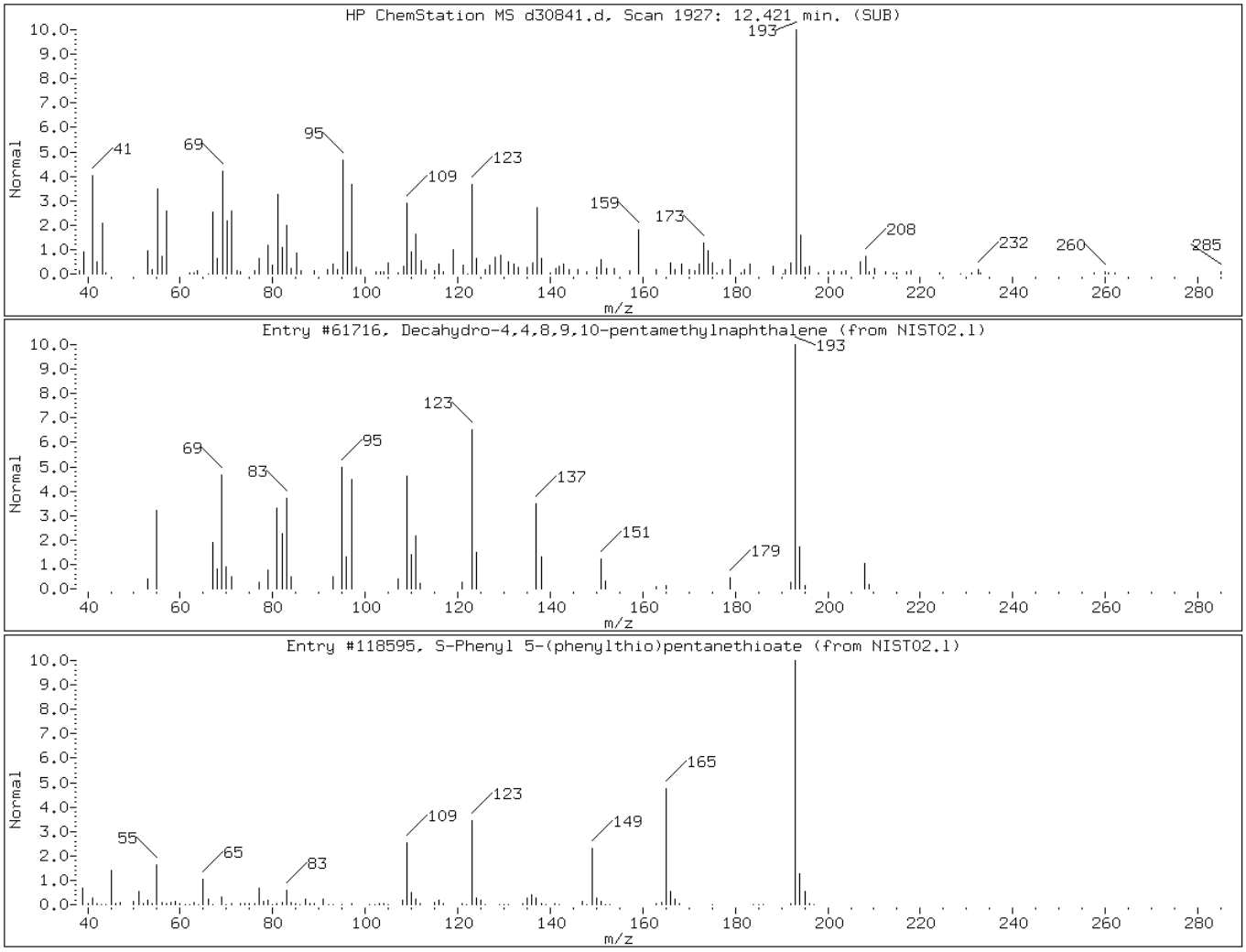
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 12.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	55	C15H28	208
S-Phenyl 5-(phenylthio)pentanethio	1000234-40-7	NIST02.l	118595	43	C17H18OS2	302



Data File: d30841.d

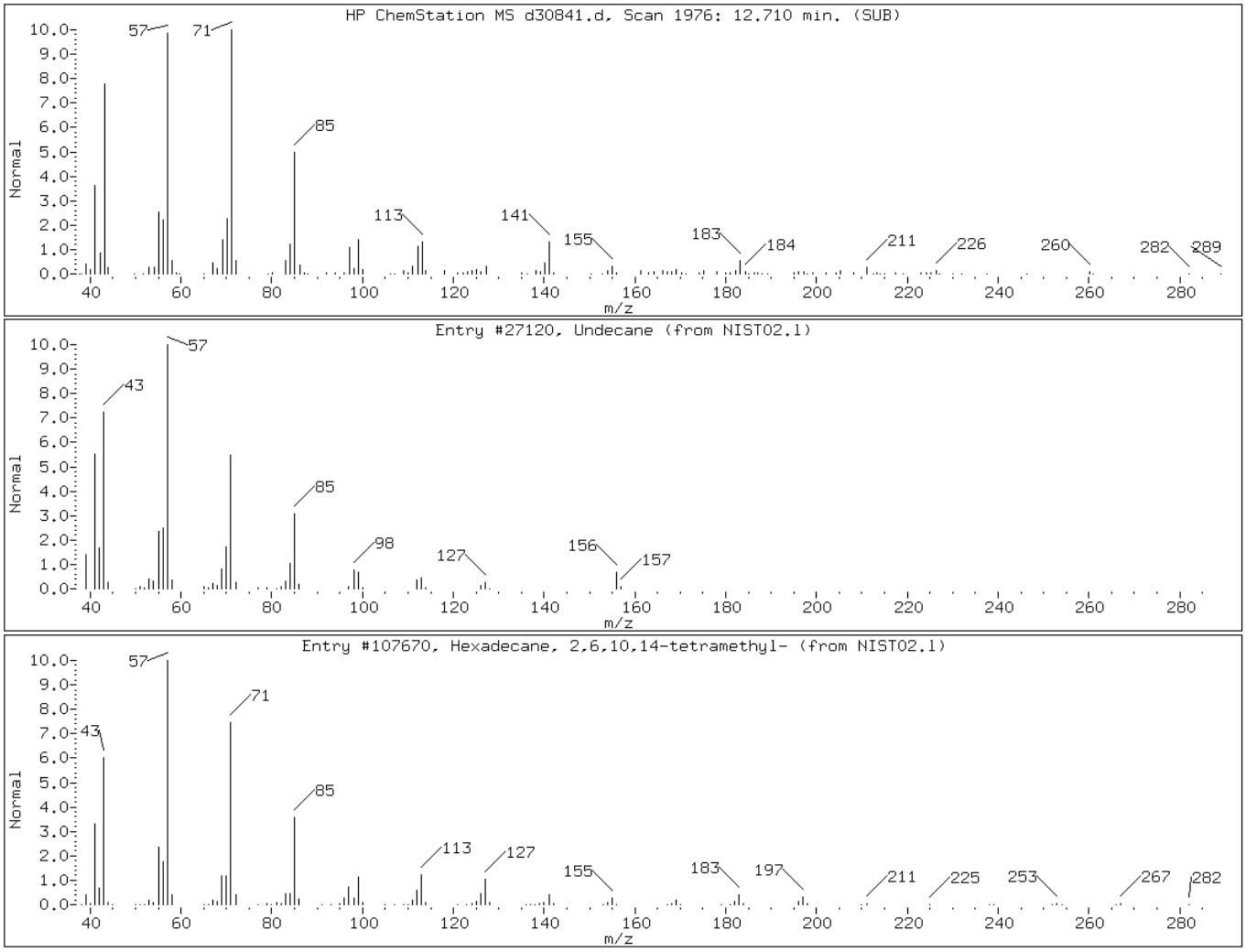
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 12.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Undecane	1120-21-4	NIST02.l	27120	87	C11H24	156
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	86	C20H42	282



Data File: d30841.d

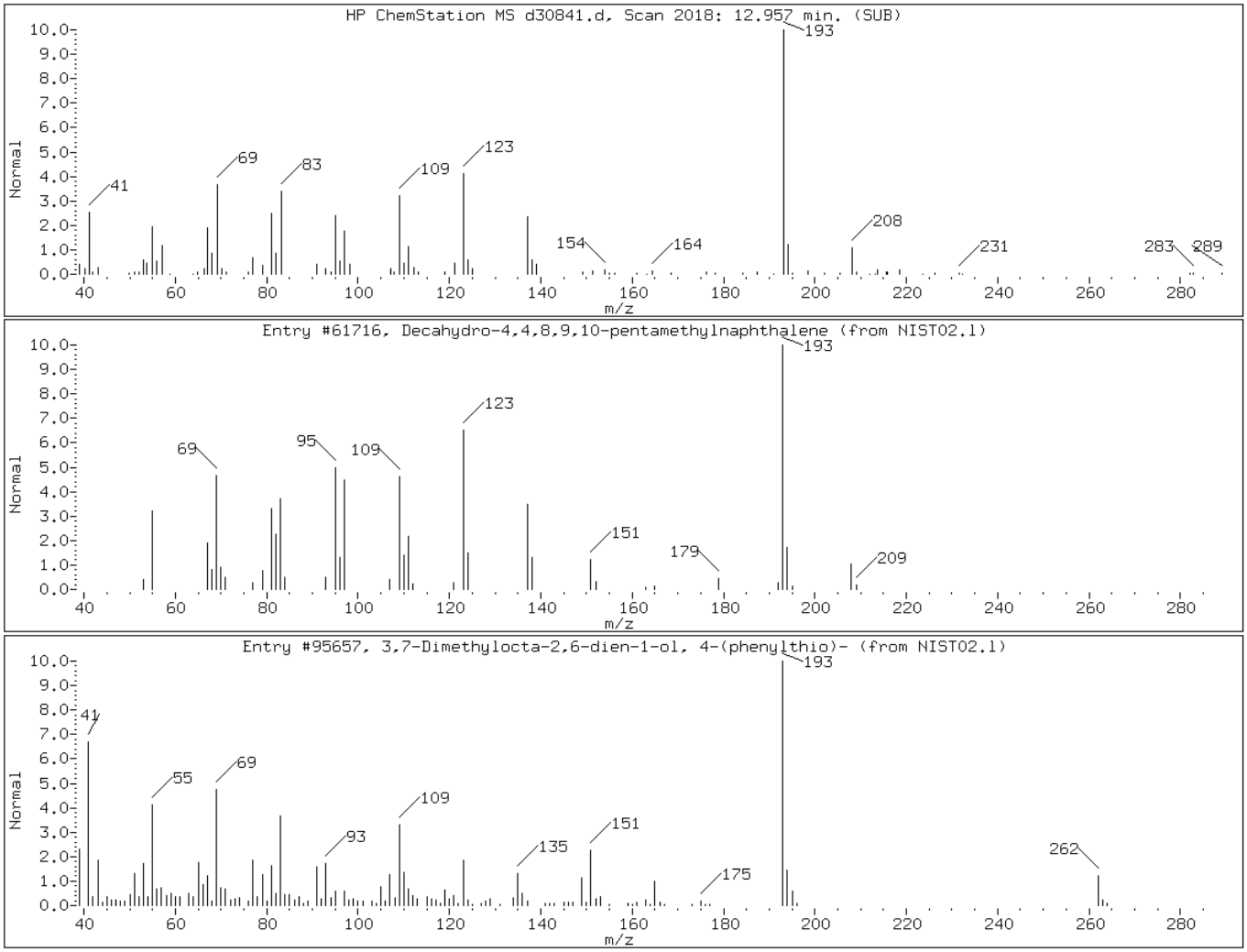
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 12.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	53	C15H28	208
3,7-Dimethylocta-2,6-dien-1-ol, 4-	1000196-46-7	NIST02.l	95657	47	C16H22OS	262



Data File: d30841.d

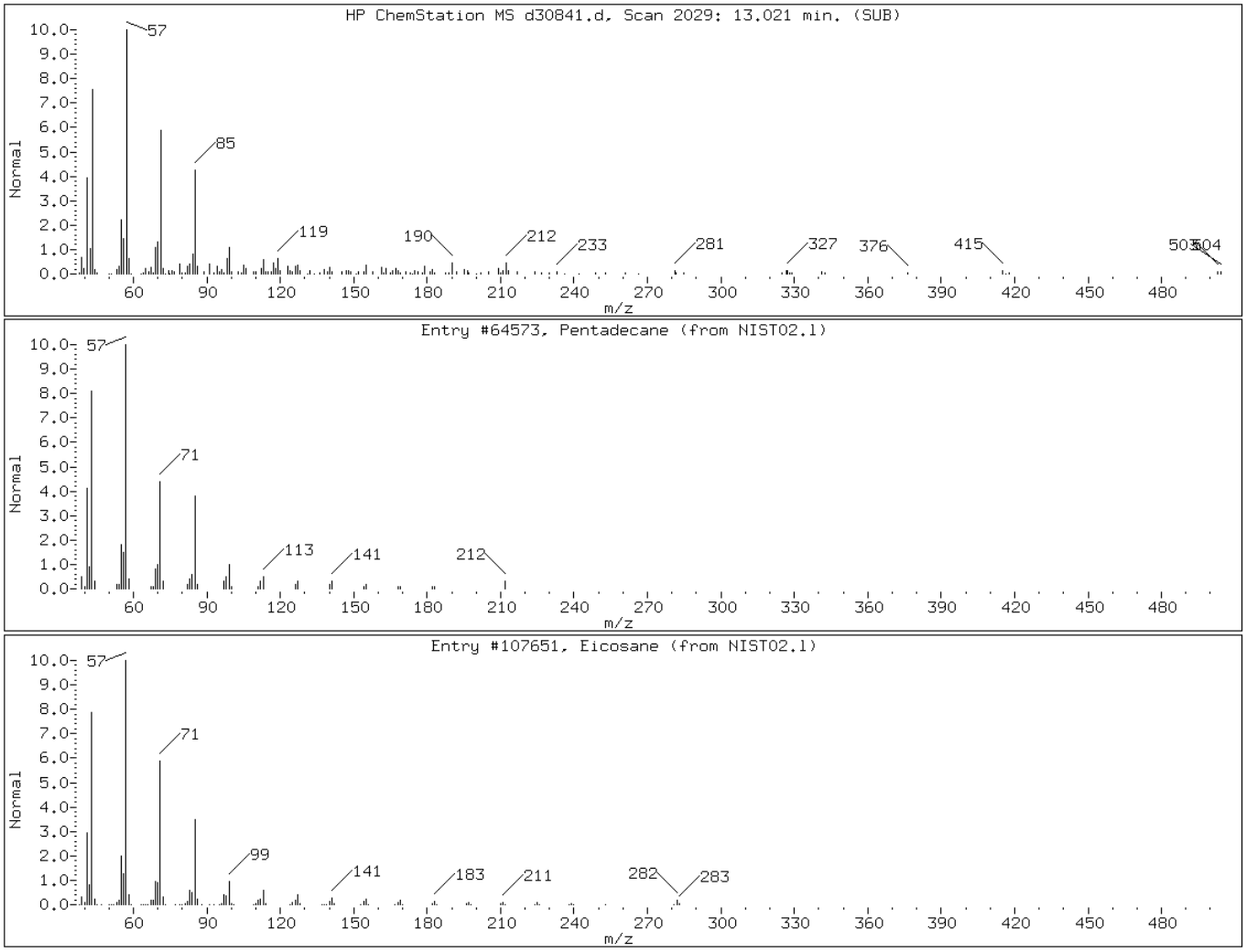
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 13.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane	629-62-9	NIST02.l	64573	96	C15H32	212
Eicosane	112-95-8	NIST02.l	107651	91	C20H42	282



Data File: d30841.d

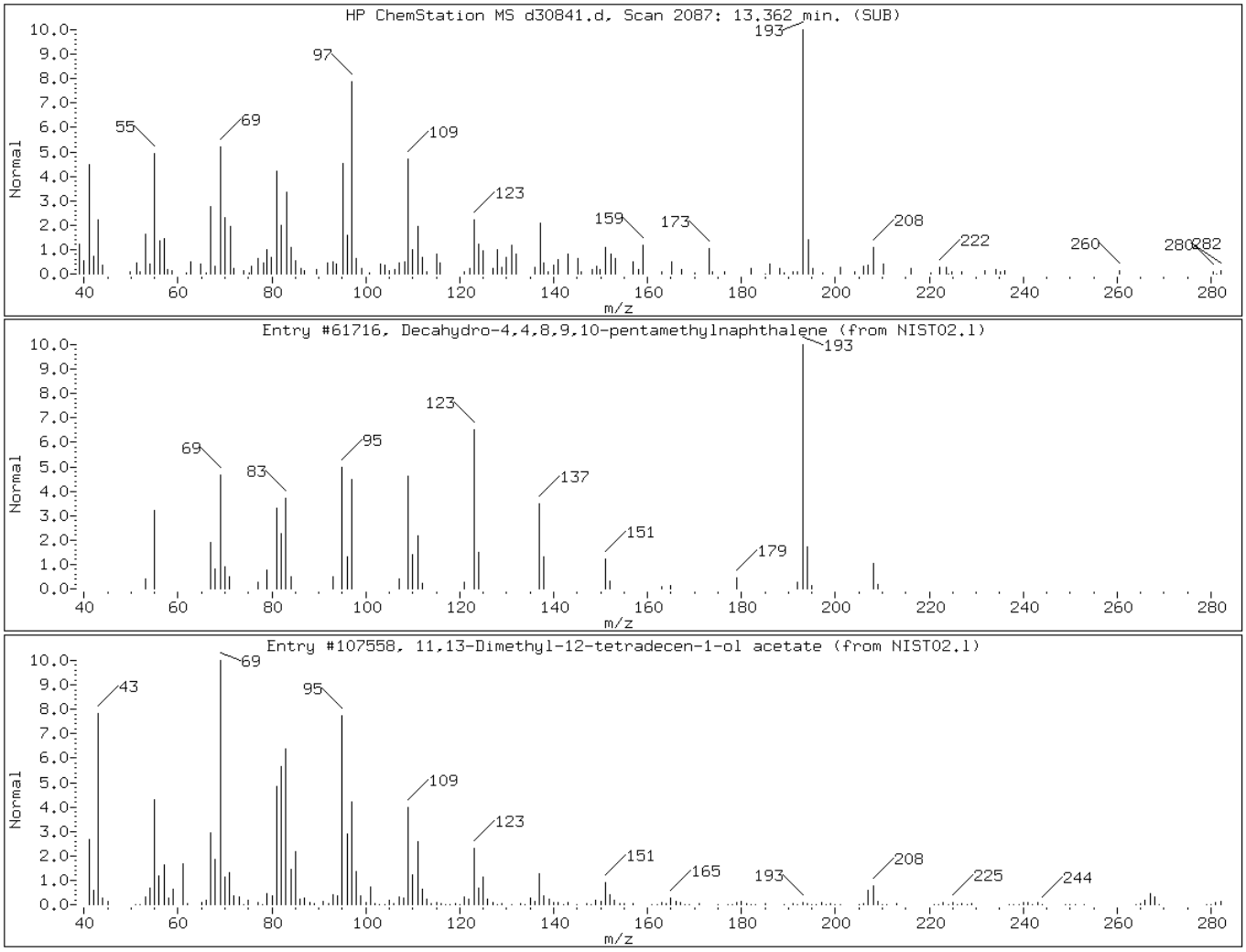
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 13.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	43	C15H28	208
11,13-Dimethyl-12-tetradecen-1-ol	1000130-81-0	NIST02.l	107558	38	C18H34O2	282



Data File: d30841.d

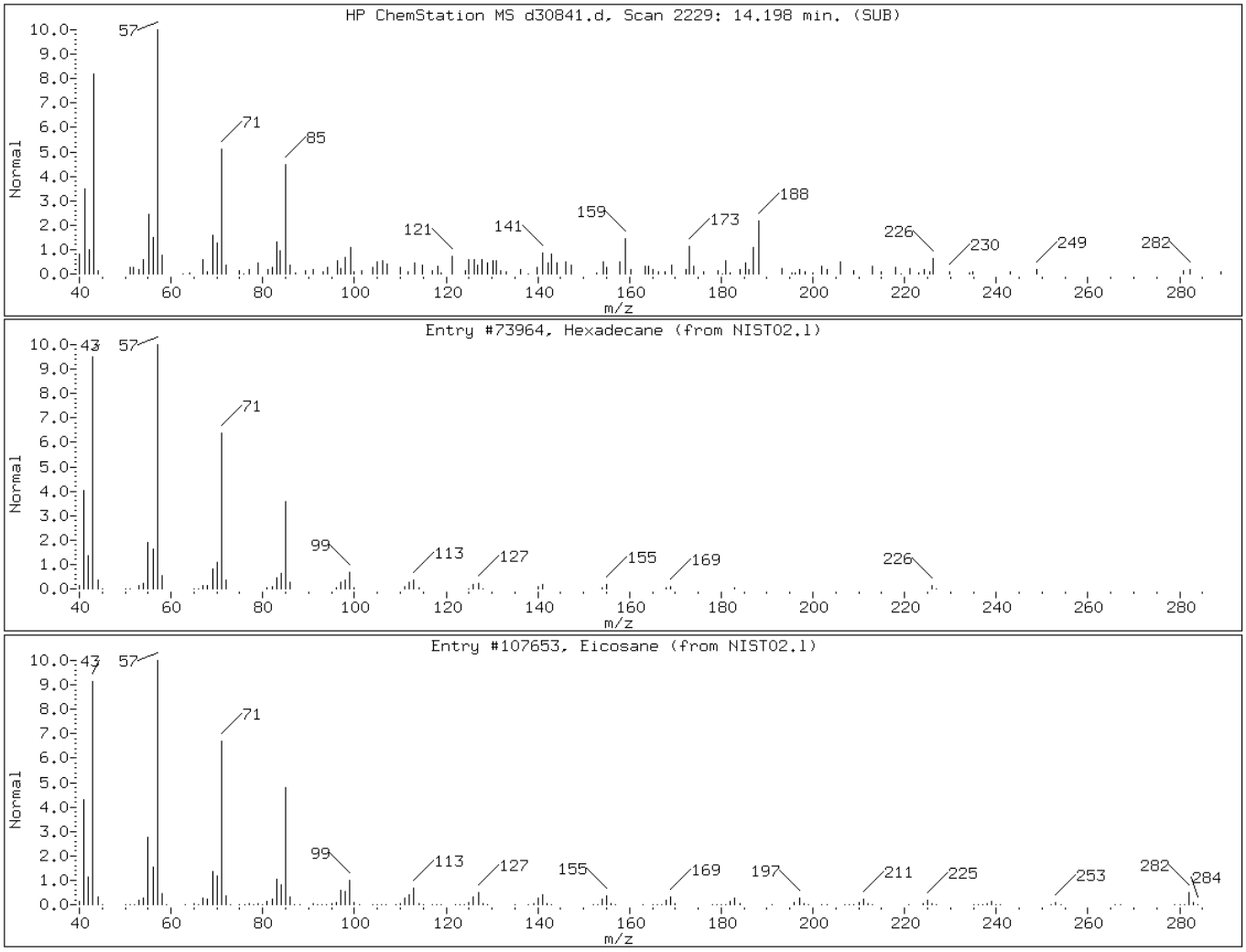
Date: 23-MAR-2013 10:51

Client ID: PMP-10-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-E-25-A;;;5.36;5 Operator: VOAMS 9

Retention Time: 14.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane	544-76-3	NIST02.l	73964	92	C16H34	226
Eicosane	112-95-8	NIST02.l	107653	91	C20H42	282



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD | Lab Sample ID: 460-52450-26

Matrix: Solid | Lab File ID: d30842.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:40

Sample wt/vol: 5.18(g) | Date Analyzed: 03/23/2013 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U	1.1	0.49
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	14	U	55	14
78-93-3	2-Butanone	0.70	U	11	0.70
591-78-6	2-Hexanone	0.14	U	11	0.14
108-10-1	4-Methyl-2-pentanone	0.22	U	11	0.22
67-64-1	Acetone	1.9	U	11	1.9
71-43-2	Benzene	0.17	U	1.1	0.17
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35
75-25-2	Bromoform	0.19	U	1.1	0.19
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
75-00-3	Chloroethane	0.37	U	1.1	0.37
67-66-3	Chloroform	2.2		1.1	0.27
74-87-3	Chloromethane	0.18	U	1.1	0.18
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
100-41-4	Ethylbenzene	0.19	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD | Lab Sample ID: 460-52450-26

Matrix: Solid | Lab File ID: d30842.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:40

Sample wt/vol: 5.18(g) | Date Analyzed: 03/23/2013 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	1.1	0.35
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	0.74	J B	1.1	0.17
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.31	U	1.1	0.31
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
1330-20-7	Xylenes, Total	0.74	U	3.3	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD Lab Sample ID: 460-52450-26

Matrix: Solid Lab File ID: d30842.d

Analysis Method: 8260B Date Collected: 03/14/2013 14:40

Sample wt/vol: 5.18(g) Date Analyzed: 03/23/2013 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30842.d
Report Date: 25-Mar-2013 20:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30842.d
Lab Smp Id: 460-52450-D-26-A Client Smp ID: PMP-10-NE-SD
Inj Date : 23-MAR-2013 11:14
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-26-A;;;5.18;5
Misc Info : 460-52450-D-26-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 12
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	5.18000	Weight of sample extracted (g)
M	12.75168	% 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	2.475	2.469	(0.544)	2218	0.67237	0.74(aH)
	15 Chloroform	83	3.675	3.675	(0.807)	13119	1.99492	2.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	88132	49.4058	55
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	429139	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	357066	50.1235	55
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	278350	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	159297	48.7512	54
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	157995	50.0000	

QC Flag Legend

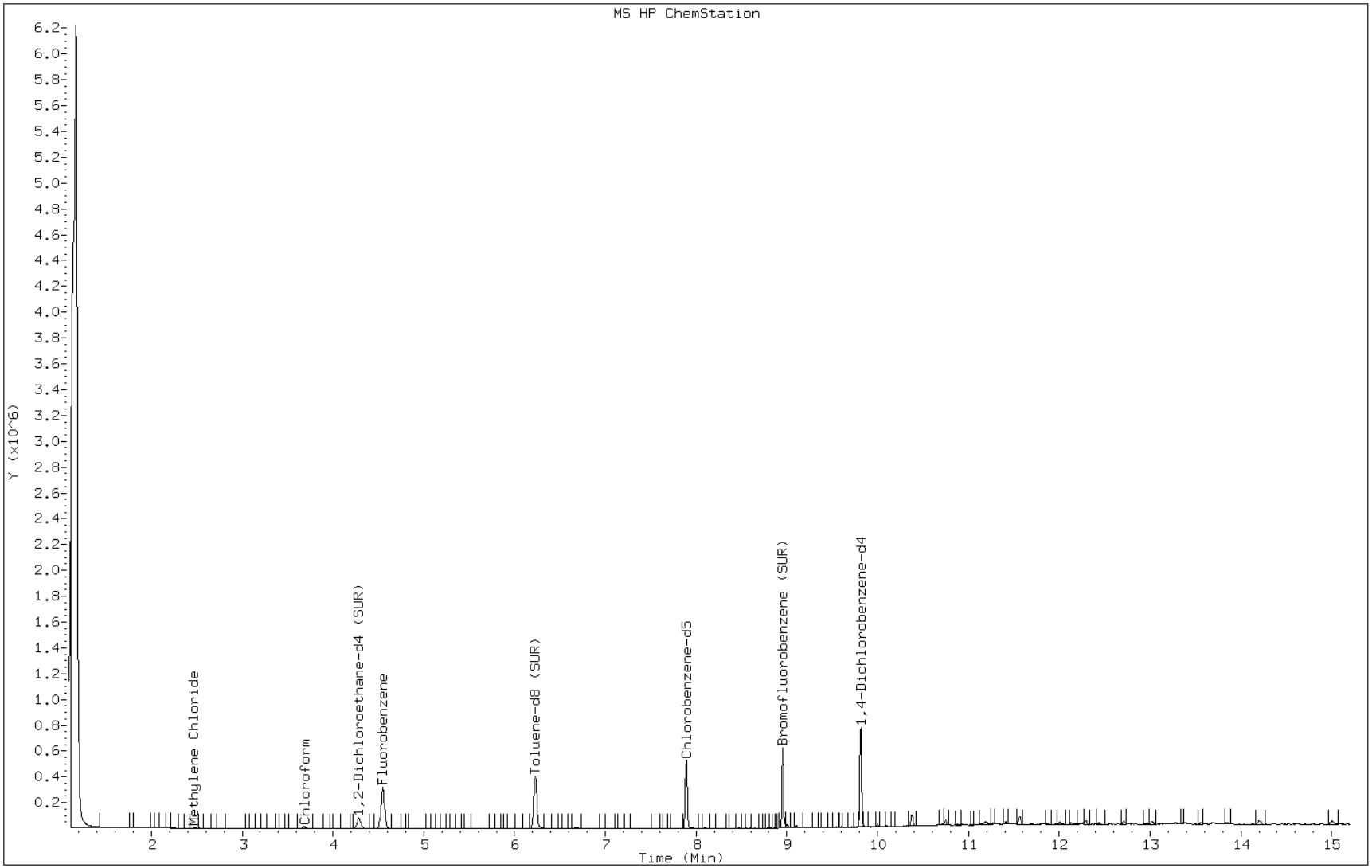
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30842.d

Date: 23-MAR-2013 11:14

Client ID: PMP-10-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-26-A;;;5.18;5 Operator: VOAMS 9



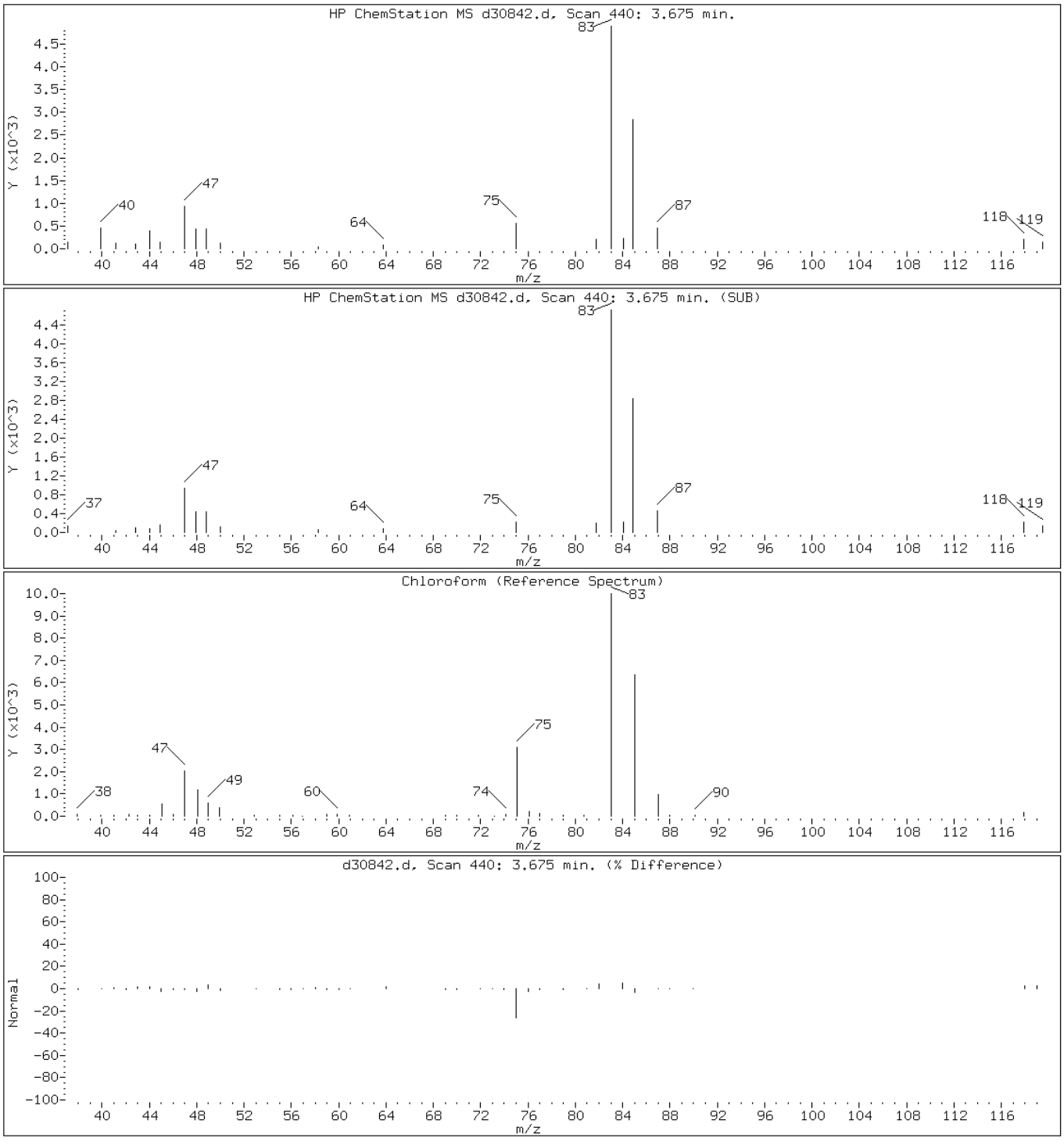
Data File: d30842.d

Date: 23-MAR-2013 11:14

Client ID: PMP-10-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-26-A;;;5.18;5 Operator: VOAMS 9

15 Chloroform



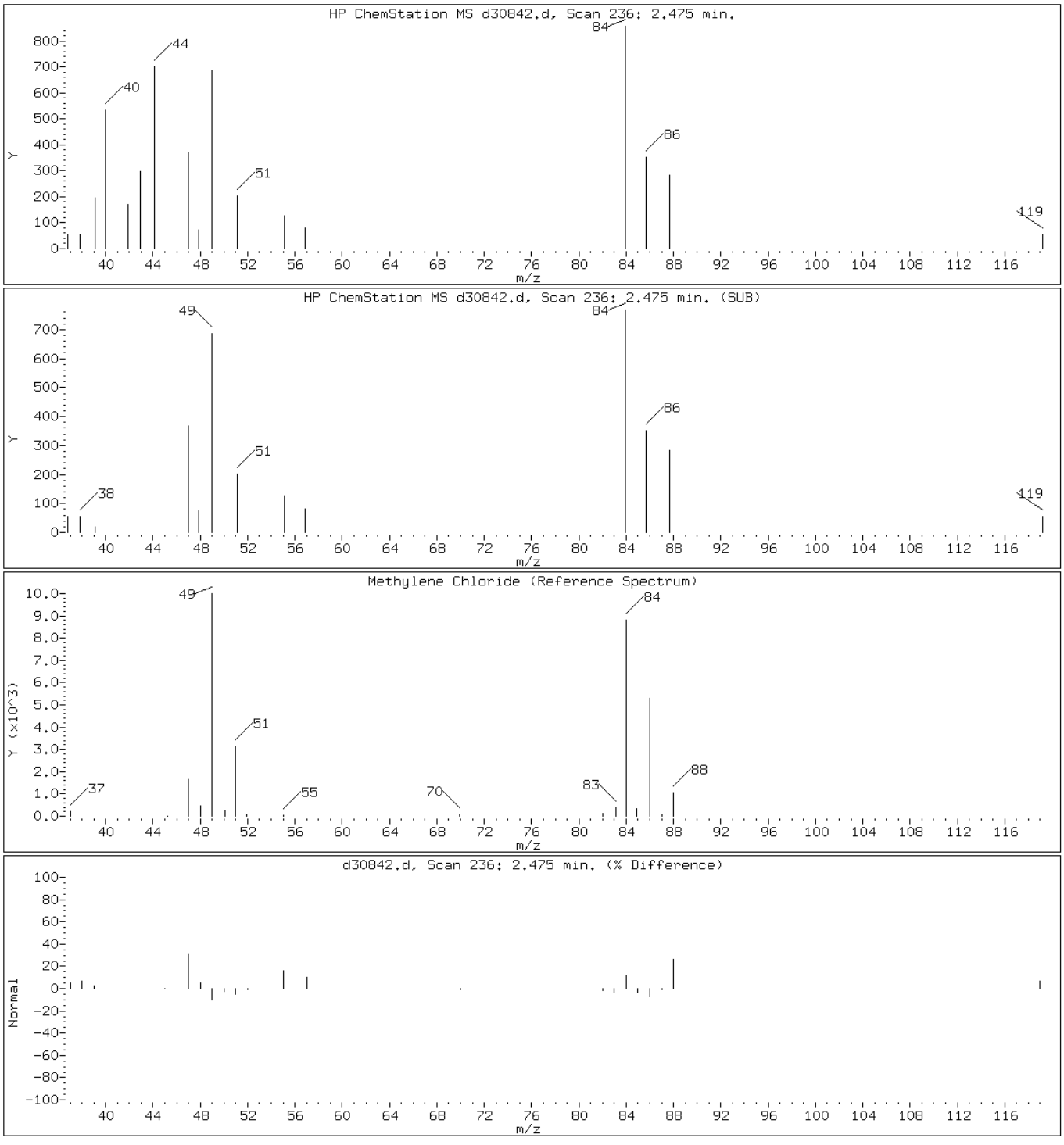
Data File: d30842.d

Date: 23-MAR-2013 11:14

Client ID: PMP-10-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-26-A;;;5.18;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD | Lab Sample ID: 460-52450-27

Matrix: Solid | Lab File ID: d30843.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:50

Sample wt/vol: 5.52(g) | Date Analyzed: 03/23/2013 11:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.95	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.95	0.15
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.95	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
95-50-1	1,2-Dichlorobenzene	0.095	U	0.95	0.095
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
78-87-5	1,2-Dichloropropane	0.14	U	0.95	0.14
541-73-1	1,3-Dichlorobenzene	0.15	U	0.95	0.15
106-46-7	1,4-Dichlorobenzene	0.10	U	0.95	0.10
123-91-1	1,4-Dioxane	12	U	47	12
78-93-3	2-Butanone	0.60	U	9.5	0.60
591-78-6	2-Hexanone	0.12	U	9.5	0.12
108-10-1	4-Methyl-2-pentanone	0.19	U	9.5	0.19
67-64-1	Acetone	1.6	U	9.5	1.6
71-43-2	Benzene	0.14	U	0.95	0.14
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.30	U	0.95	0.30
75-25-2	Bromoform	0.16	U	0.95	0.16
74-83-9	Bromomethane	0.41	U	0.95	0.41
75-15-0	Carbon disulfide	0.14	U	0.95	0.14
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
75-00-3	Chloroethane	0.31	U	0.95	0.31
67-66-3	Chloroform	0.23	U	0.95	0.23
74-87-3	Chloromethane	0.15	U	0.95	0.15
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.95	0.10
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.95	0.13
110-82-7	Cyclohexane	0.12	U	0.95	0.12
124-48-1	Dibromochloromethane	0.095	U	0.95	0.095
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
100-41-4	Ethylbenzene	0.16	U	0.95	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD Lab Sample ID: 460-52450-27

Matrix: Solid Lab File ID: d30843.d

Analysis Method: 8260B Date Collected: 03/14/2013 14:50

Sample wt/vol: 5.52(g) Date Analyzed: 03/23/2013 11:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.10	U	0.95	0.10
98-82-8	Isopropylbenzene	0.10	U	0.95	0.10
79-20-9	Methyl acetate	0.30	U	0.95	0.30
108-87-2	Methylcyclohexane	0.095	U	0.95	0.095
75-09-2	Methylene Chloride	0.14	U	0.95	0.14
1634-04-4	MTBE	0.10	U	0.95	0.10
100-42-5	Styrene	0.27	U	0.95	0.27
127-18-4	Tetrachloroethene	0.11	U	0.95	0.11
108-88-3	Toluene	0.13	U	0.95	0.13
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
10061-02-6	trans-1,3-Dichloropropene	0.095	U	0.95	0.095
79-01-6	Trichloroethene	0.11	U	0.95	0.11
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-01-4	Vinyl chloride	0.32	U	0.95	0.32
1330-20-7	Xylenes, Total	0.64	U	2.8	0.64

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD Lab Sample ID: 460-52450-27

Matrix: Solid Lab File ID: d30843.d

Analysis Method: 8260B Date Collected: 03/14/2013 14:50

Sample wt/vol: 5.52(g) Date Analyzed: 03/23/2013 11:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30843.d
Report Date: 25-Mar-2013 00:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30843.d
Lab Smp Id: 460-52450-D-27-A Client Smp ID: PMP-9-NE-VD
Inj Date : 23-MAR-2013 11:37
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-27-A;;;5.52;5
Misc Info : 460-52450-D-27-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 13
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	5.52000	Weight of sample extracted (g)
M	4.61255	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

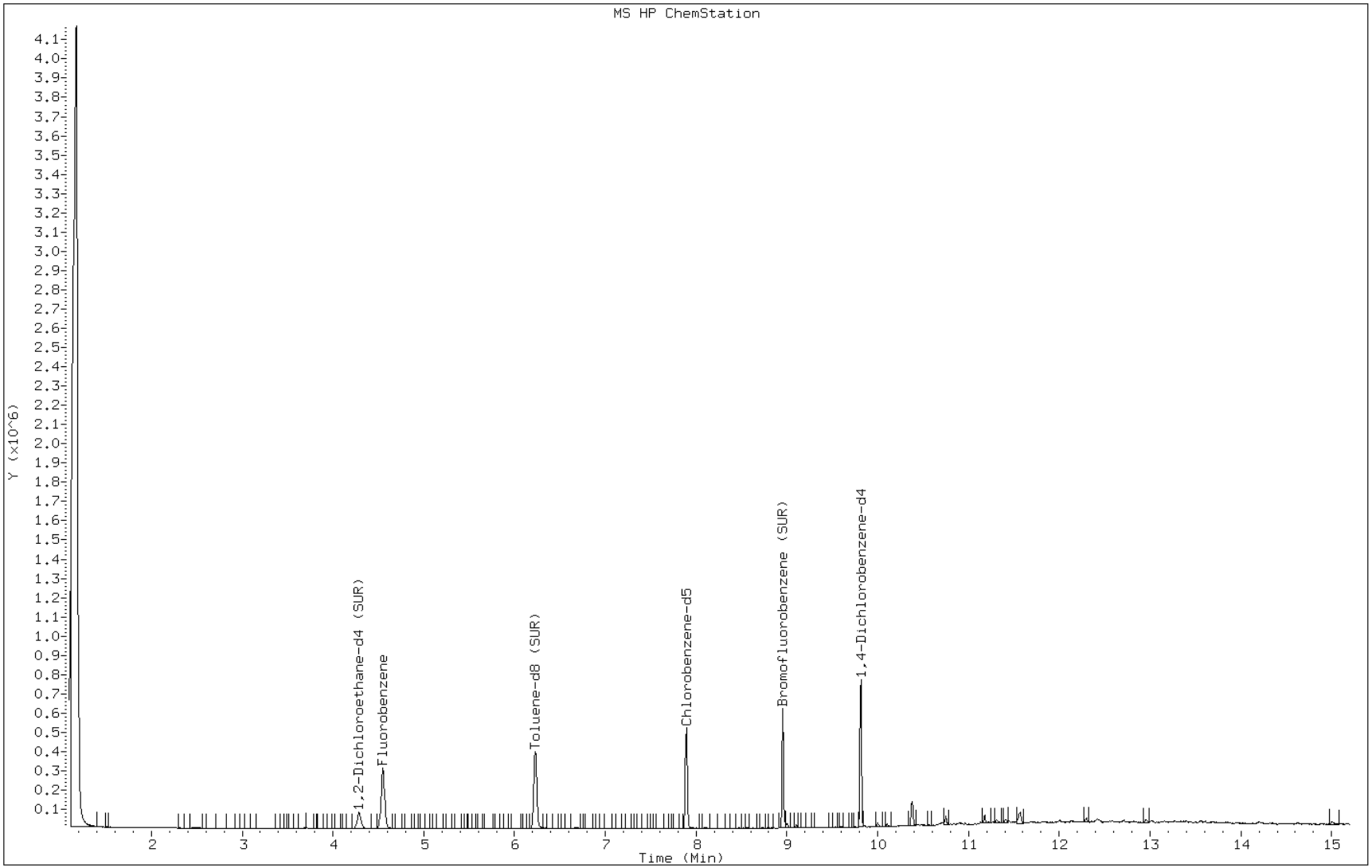
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	85313	48.8850	46
* 69 Fluorobenzene	96	4.551	4.545	(1.000)	419838	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	346264	50.7233	48
* 32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	266737	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	156084	49.6817	47
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	151909	50.0000	

Data File: d30843.d

Date: 23-MAR-2013 11:37

Client ID: PMP-9-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-27-A;;;5.52;5 Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT | Lab Sample ID: 460-52450-28

Matrix: Solid | Lab File ID: b53502.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:55

Sample wt/vol: 5.85(g) | Date Analyzed: 03/19/2013 13:52

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.9	U	47	2.9
79-34-5	1,1,2,2-Tetrachloroethane	7.4	U	47	7.4
79-00-5	1,1,2-Trichloroethane	8.8	U	47	8.8
75-34-3	1,1-Dichloroethane	6.1	U	47	6.1
75-35-4	1,1-Dichloroethene	4.2	U	47	4.2
87-61-6	1,2,3-Trichlorobenzene	330		47	24
120-82-1	1,2,4-Trichlorobenzene	1100		47	16
96-12-8	1,2-Dibromo-3-Chloropropane	19	U	47	19
106-93-4	1,2-Dibromoethane	13	U	47	13
95-50-1	1,2-Dichlorobenzene	14	J	47	9.7
107-06-2	1,2-Dichloroethane	8.9	U	47	8.9
78-87-5	1,2-Dichloropropane	4.0	U	47	4.0
541-73-1	1,3-Dichlorobenzene	6.4	U	47	6.4
106-46-7	1,4-Dichlorobenzene	14	J	47	11
123-91-1	1,4-Dioxane	1700	U	2400	1700
78-93-3	2-Butanone	110	U	240	110
591-78-6	2-Hexanone	24	U	240	24
108-10-1	4-Methyl-2-pentanone	46	U	240	46
67-64-1	Acetone	130	U	240	130
71-43-2	Benzene	3.9	U	47	3.9
74-97-5	Bromochloromethane	13	U	47	13
75-27-4	Bromodichloromethane	5.9	U	47	5.9
75-25-2	Bromoform	9.0	U	47	9.0
74-83-9	Bromomethane	8.5	U	47	8.5
75-15-0	Carbon disulfide	5.9	U	47	5.9
56-23-5	Carbon tetrachloride	2.7	U	47	2.7
108-90-7	Chlorobenzene	5.2	U	47	5.2
75-00-3	Chloroethane	8.0	U	47	8.0
67-66-3	Chloroform	3.7	U	47	3.7
74-87-3	Chloromethane	4.6	U	47	4.6
156-59-2	cis-1,2-Dichloroethene	8.3	U	47	8.3
10061-01-5	cis-1,3-Dichloropropene	8.7	U	47	8.7
110-82-7	Cyclohexane	7.5	U	47	7.5
124-48-1	Dibromochloromethane	9.4	U	47	9.4
75-71-8	Dichlorodifluoromethane	10	U	47	10
100-41-4	Ethylbenzene	4.5	U	47	4.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT | Lab Sample ID: 460-52450-28

Matrix: Solid | Lab File ID: b53502.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:55

Sample wt/vol: 5.85(g) | Date Analyzed: 03/19/2013 13:52

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	3.9	U	47	3.9
98-82-8	Isopropylbenzene	3.6	U	47	3.6
79-20-9	Methyl acetate	16	U	94	16
108-87-2	Methylcyclohexane	6.4	U	47	6.4
75-09-2	Methylene Chloride	8.6	U	47	8.6
1634-04-4	MTBE	6.5	U	47	6.5
100-42-5	Styrene	5.6	U	47	5.6
127-18-4	Tetrachloroethene	27	J	47	4.6
108-88-3	Toluene	7.0	U	47	7.0
156-60-5	trans-1,2-Dichloroethene	6.1	U	47	6.1
10061-02-6	trans-1,3-Dichloropropene	11	U	47	11
79-01-6	Trichloroethene	4.3	U	47	4.3
75-69-4	Trichlorofluoromethane	6.9	U	47	6.9
75-01-4	Vinyl chloride	6.8	U	47	6.8
1330-20-7	Xylenes, Total	120	J	140	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		75-135
2037-26-5	Toluene-d8 (Surr)	71		59-150
460-00-4	Bromofluorobenzene	83		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT | Lab Sample ID: 460-52450-28

Matrix: Solid | Lab File ID: b53502.d

Analysis Method: 8260B | Date Collected: 03/14/2013 14:55

Sample wt/vol: 5.85(g) | Date Analyzed: 03/19/2013 13:52

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 66500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tetramethylbenzene isomer	11.08	7200	J
	Unknown Aromatic	11.48	5900	J
	Decahydromethylnaphthalene isomer	11.56	6300	J
	Coeluting Aromatics	11.73	8200	J
	Unknown Alkane	11.94	5100	J
	Tetramethylbenzene isomer	12.05	12000	J
	Unknown Aromatic-2	12.33	4600	J
	Unknown Alkane-1	12.51	5100	J
	Unknown Alkane-2	12.73	7400	J
	Unknown Alkane-3	13.63	4700	J

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53502.d
Report Date: 24-Mar-2013 14:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53502.d
Lab Smp Id: 460-52450-B-28-A Client Smp ID: PMP-9-NE-WT
Inj Date : 19-MAR-2013 13:52
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-28-A;50;;5.85;5
Misc Info : 460-52450-B-28-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/8260_09.m
Meth Date : 20-Mar-2013 12:52 delpolit Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 24
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	5.00000	Volume of final extract (mL)
Ws	5.85000	Weight of sample extracted (g)
M	9.24855	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	139733	38.1344	1800
* 52 Fluorobenzene	96	5.233	5.225	(1.000)	618130	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.233	7.225	(0.823)	312650	35.4074	1700
71 Tetrachloroethene	166	7.883	7.875	(0.897)	1987	0.57235	27(a)
* 78 Chlorobenzene-d5	117	8.788	8.780	(1.000)	435292	50.0000	
84 o-Xylene	106	9.381	9.381	(1.067)	15599	2.60852	120
$ 89 Bromofluorobenzene (SUR)	174	9.875	9.875	(0.912)	130340	41.6274	2000
97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	299811	23.5217	1100
100 tert-Butylbenzene	119	10.475	10.467	(0.967)	7848	0.75524	36(a)
101 1,2,4-Trimethylbenzene	105	10.525	10.517	(0.972)	12756	0.98615	46(a)
103 sec-Butylbenzene	105	10.648	10.648	(0.983)	10914	0.59607	28(a)
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	213903	50.0000	
109 1,4-Dichlorobenzene	146	10.854	10.846	(1.002)	2256	0.29962	14(a)
111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	2166	0.30234	14(a)

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53502.d
Report Date: 24-Mar-2013 14:29

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
114 1,2,4-Trichlorobenzene	180	12.385	12.385	(1.144)	103402	23.1693	1100
117 1,2,3-Trichlorobenzene	180	12.813	12.813	(1.183)	29522	6.99680	330
M 121 Xylene (Total)	100				15599	2.60852	120(a)

QC Flag Legend

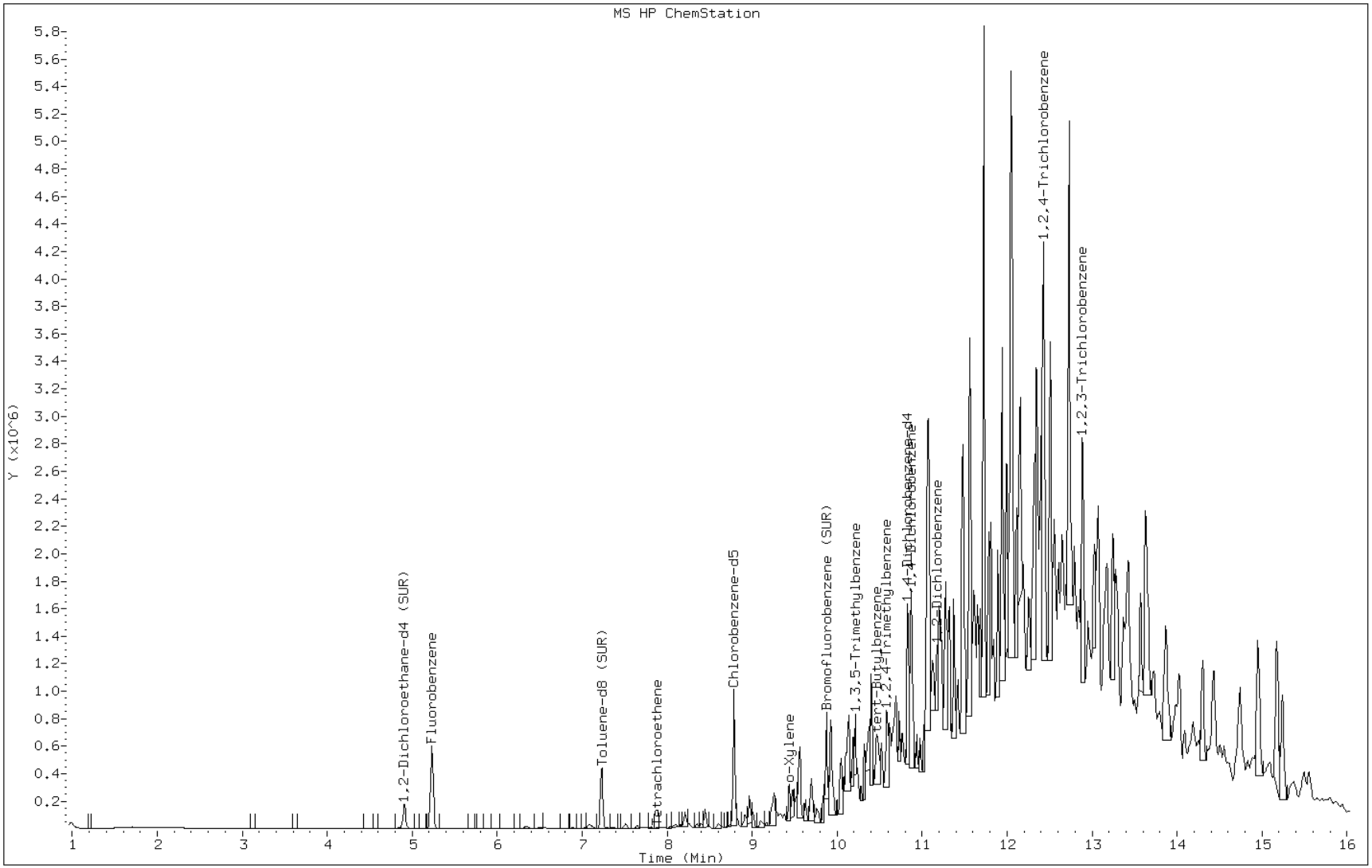
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b53502.d

Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:



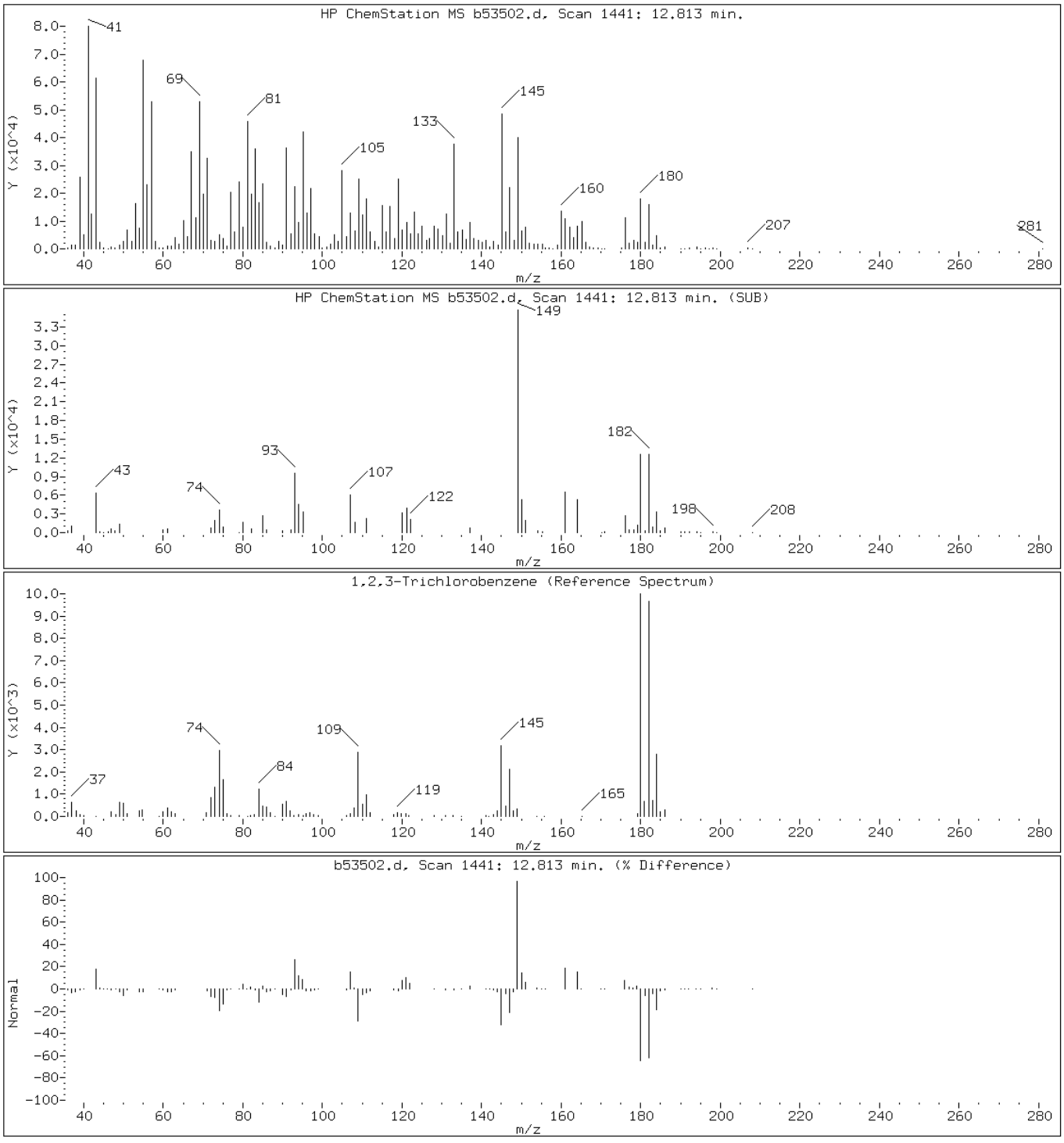
Data File: b53502.d

Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

117 1,2,3-Trichlorobenzene



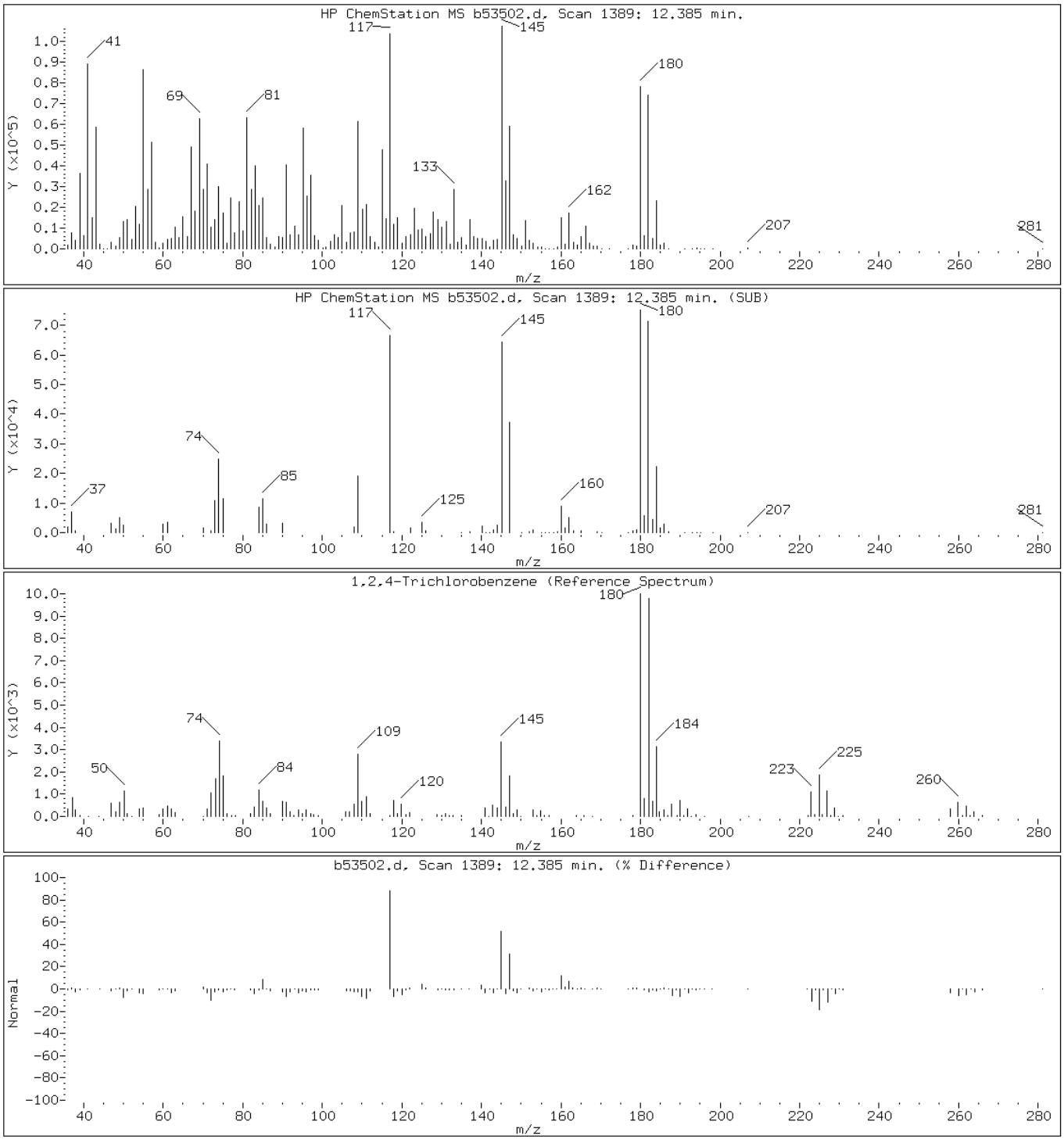
Data File: b53502.d

Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

114 1,2,4-Trichlorobenzene



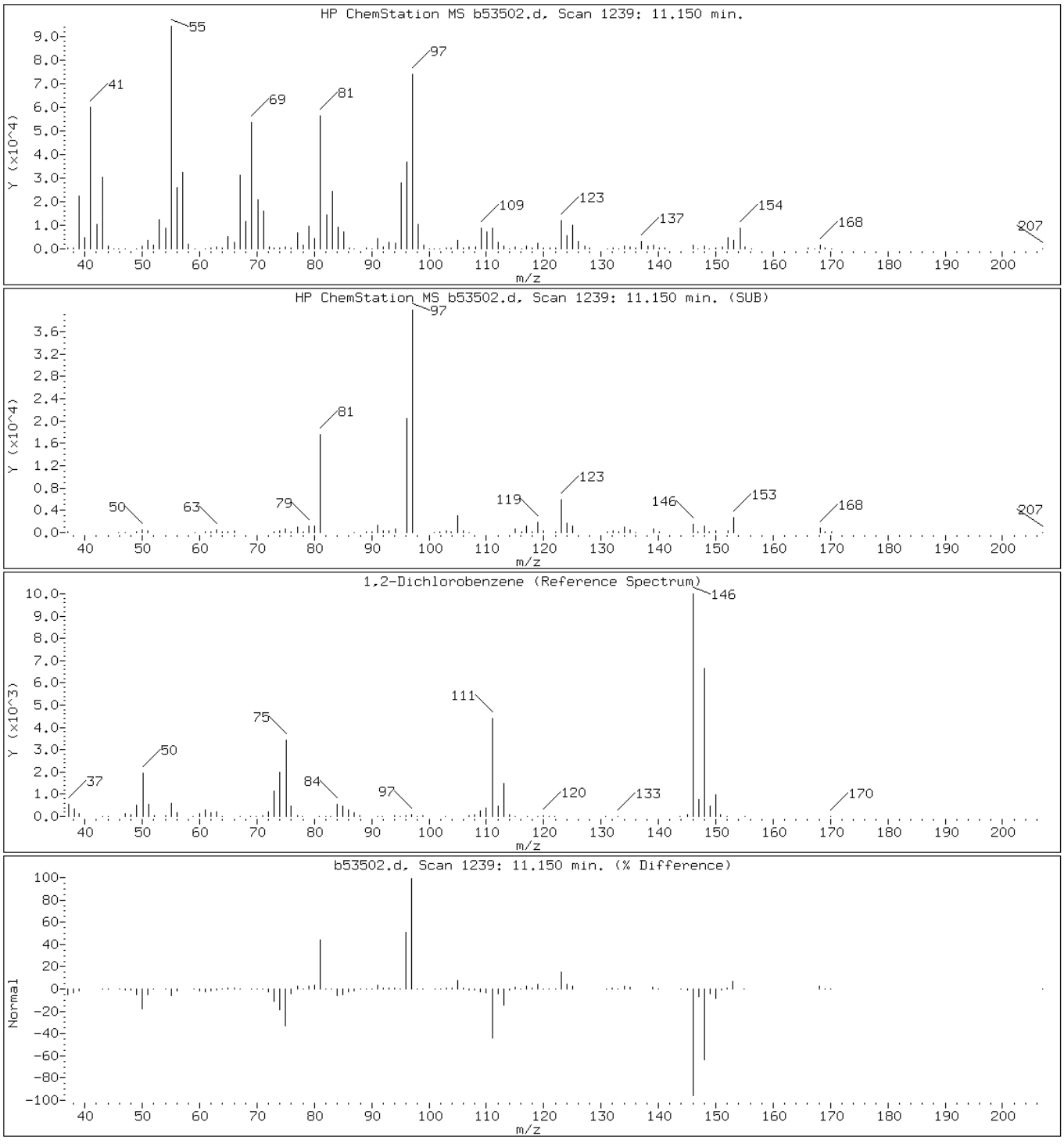
Data File: b53502.d

Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

111 1,2-Dichlorobenzene



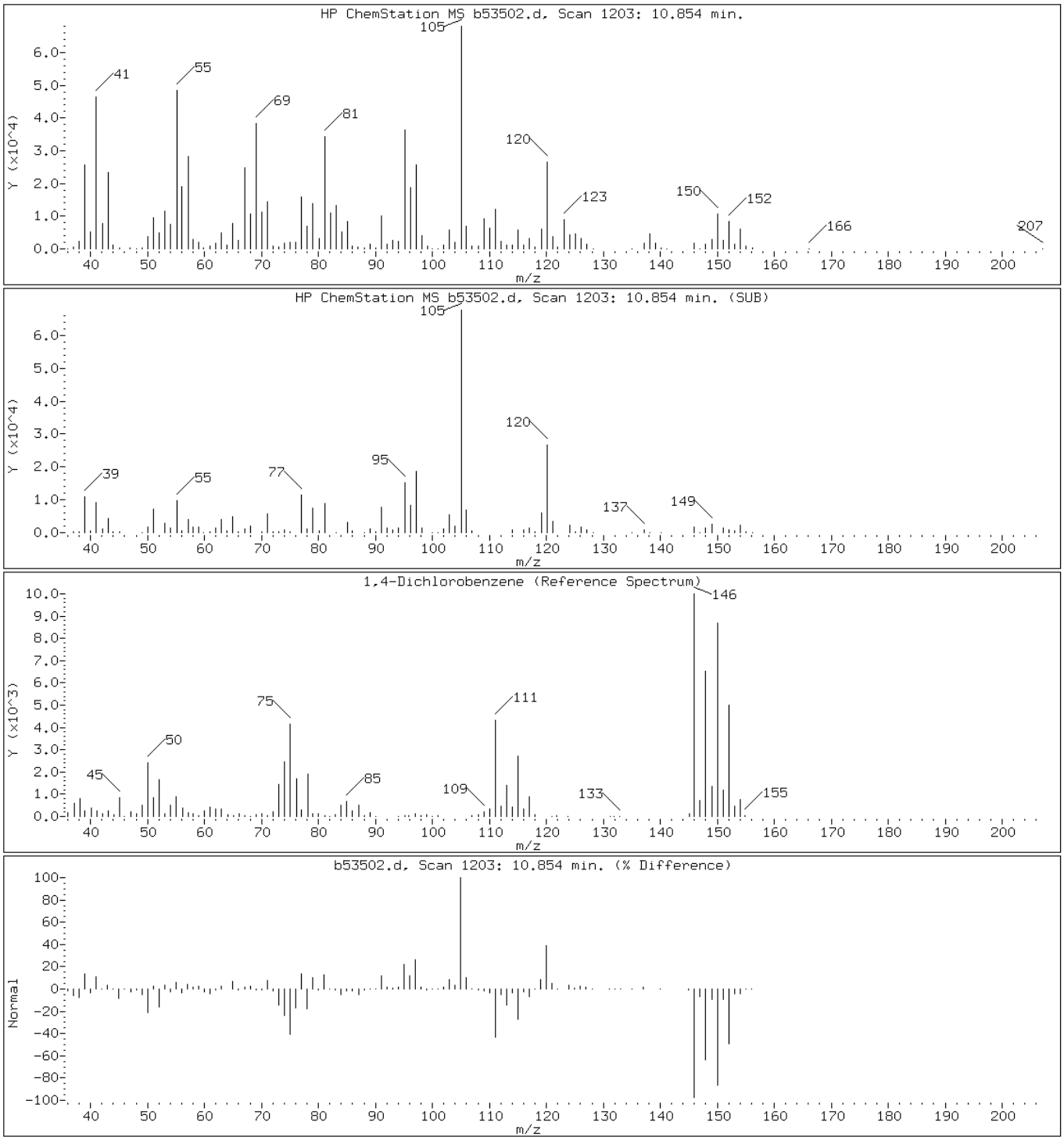
Data File: b53502.d

Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

109 1,4-Dichlorobenzene



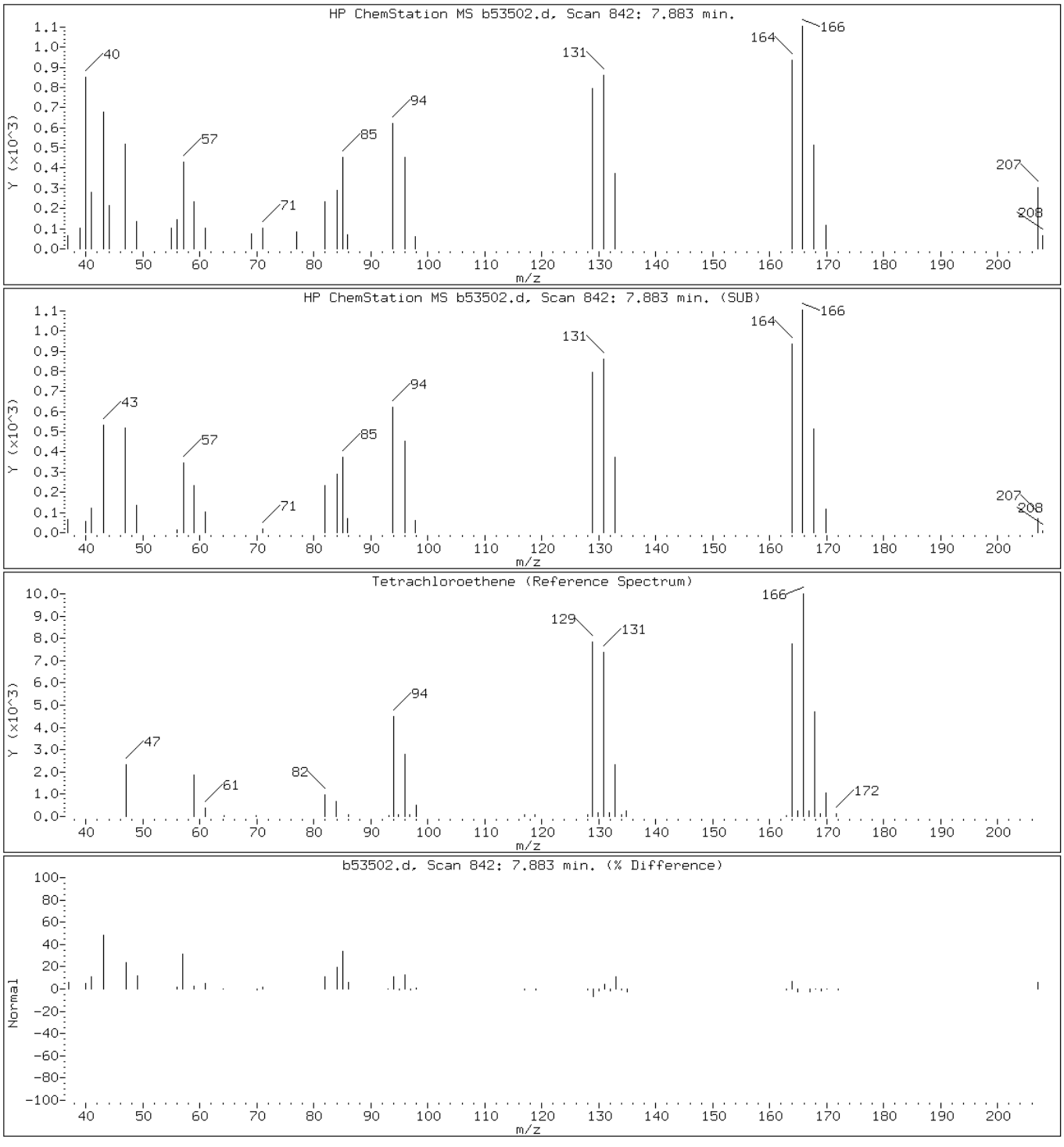
Data File: b53502.d

Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

71 Tetrachloroethene



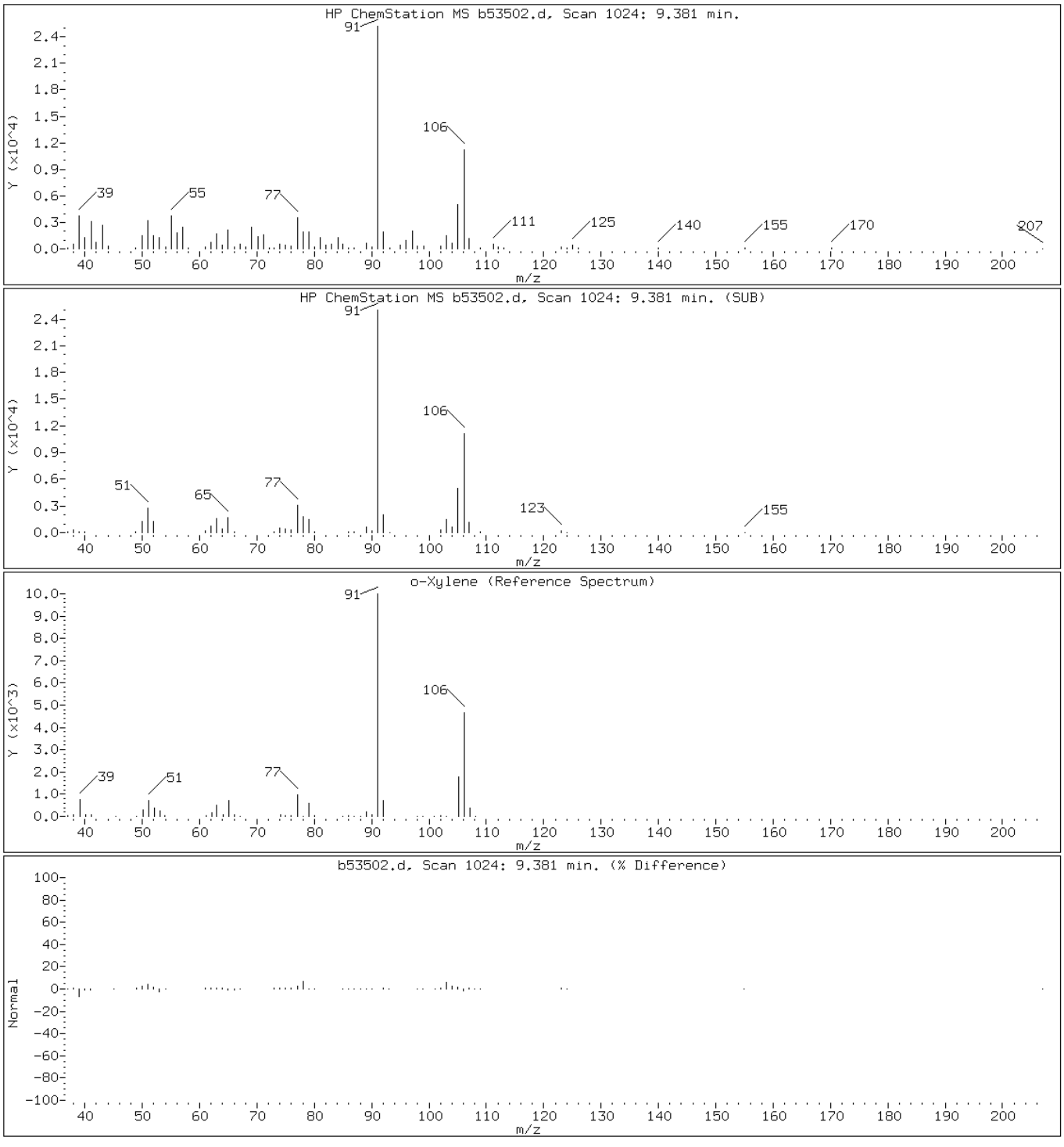
Data File: b53502.d

Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

84 o-Xylene



Data File: b53502.d

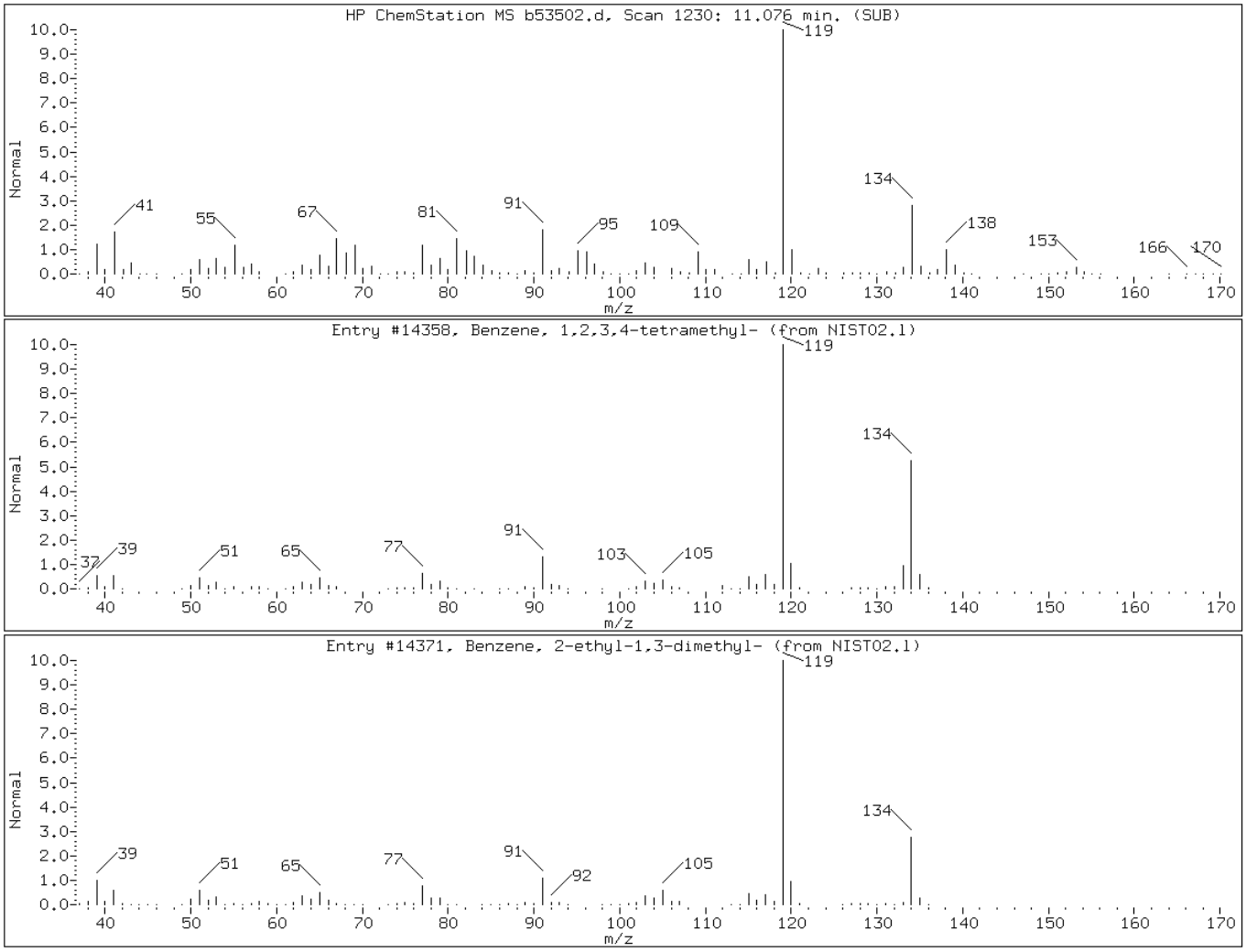
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 11.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	76	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	76	C10H14	134



Data File: b53502.d

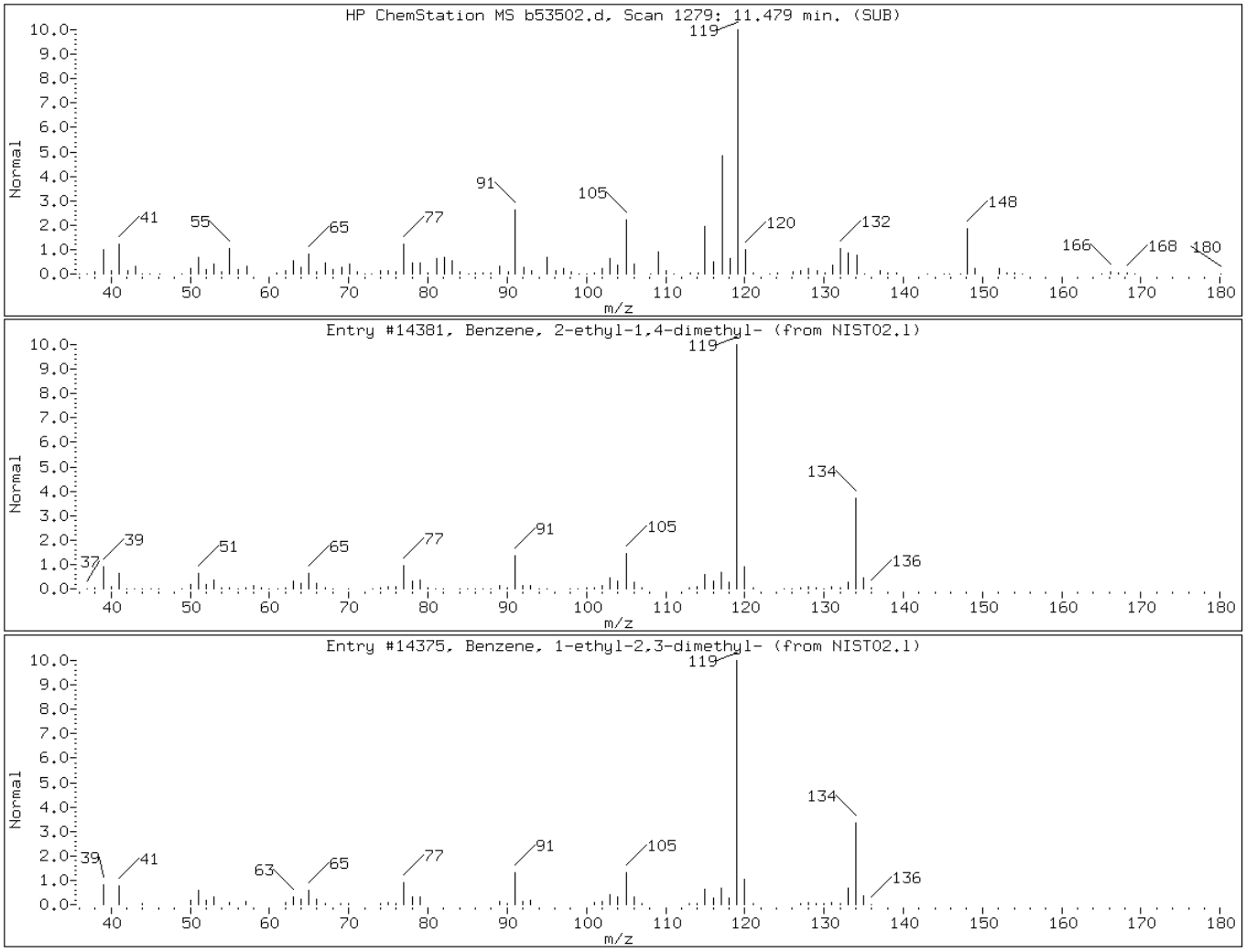
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 11.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14381	53	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14375	49	C10H14	134



Data File: b53502.d

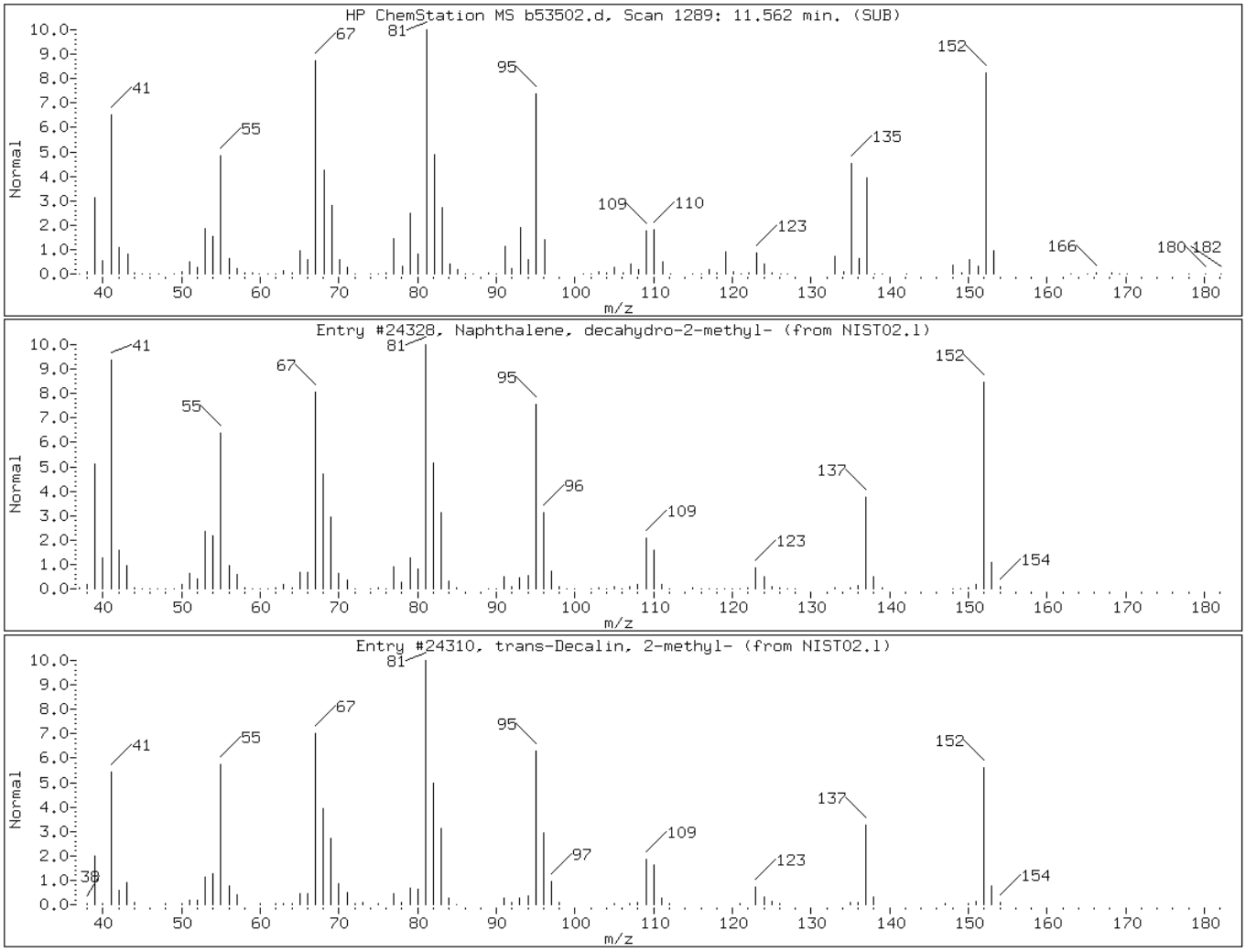
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 11.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	93	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	93	C11H20	152



Data File: b53502.d

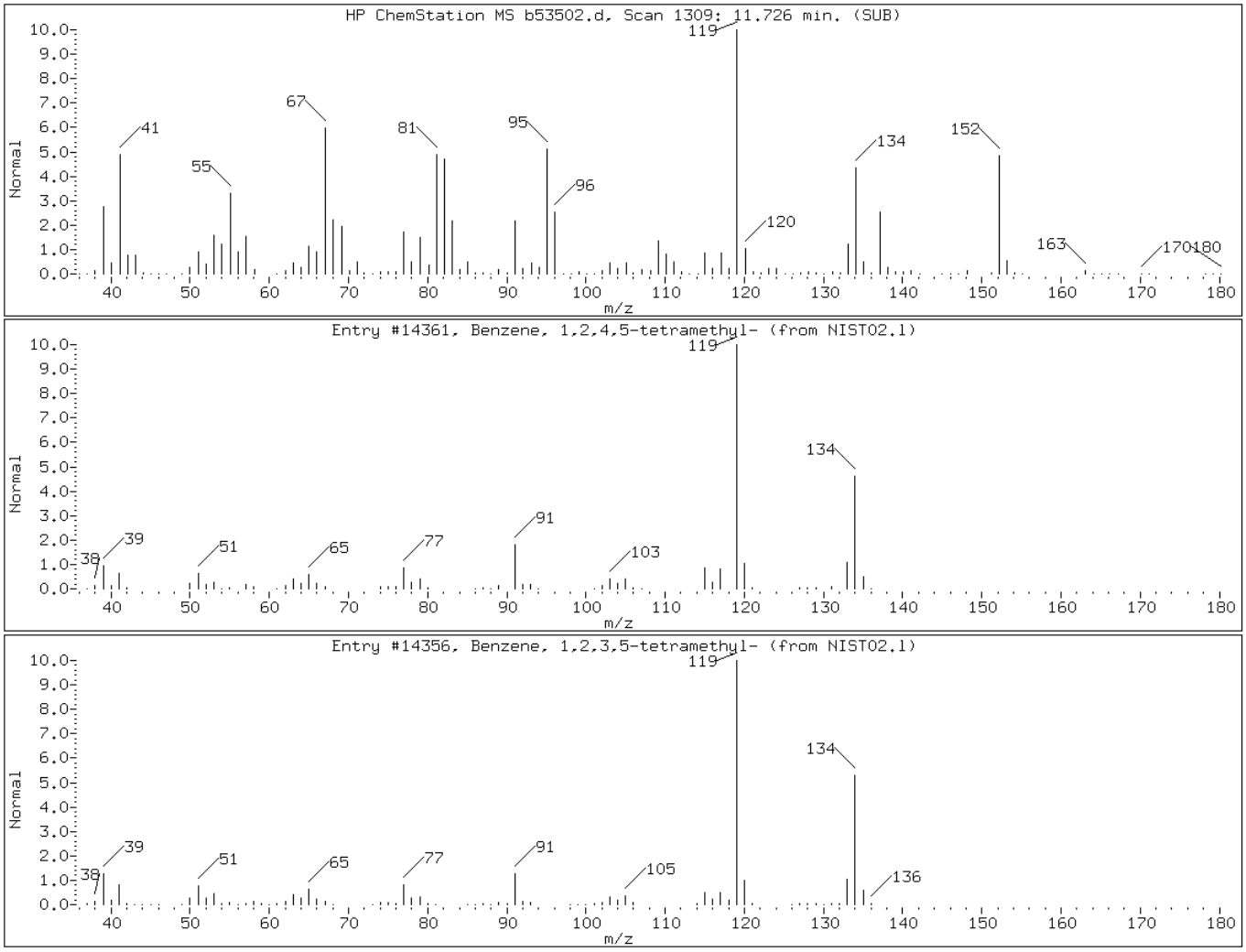
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	93	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	84	C10H14	134



Data File: b53502.d

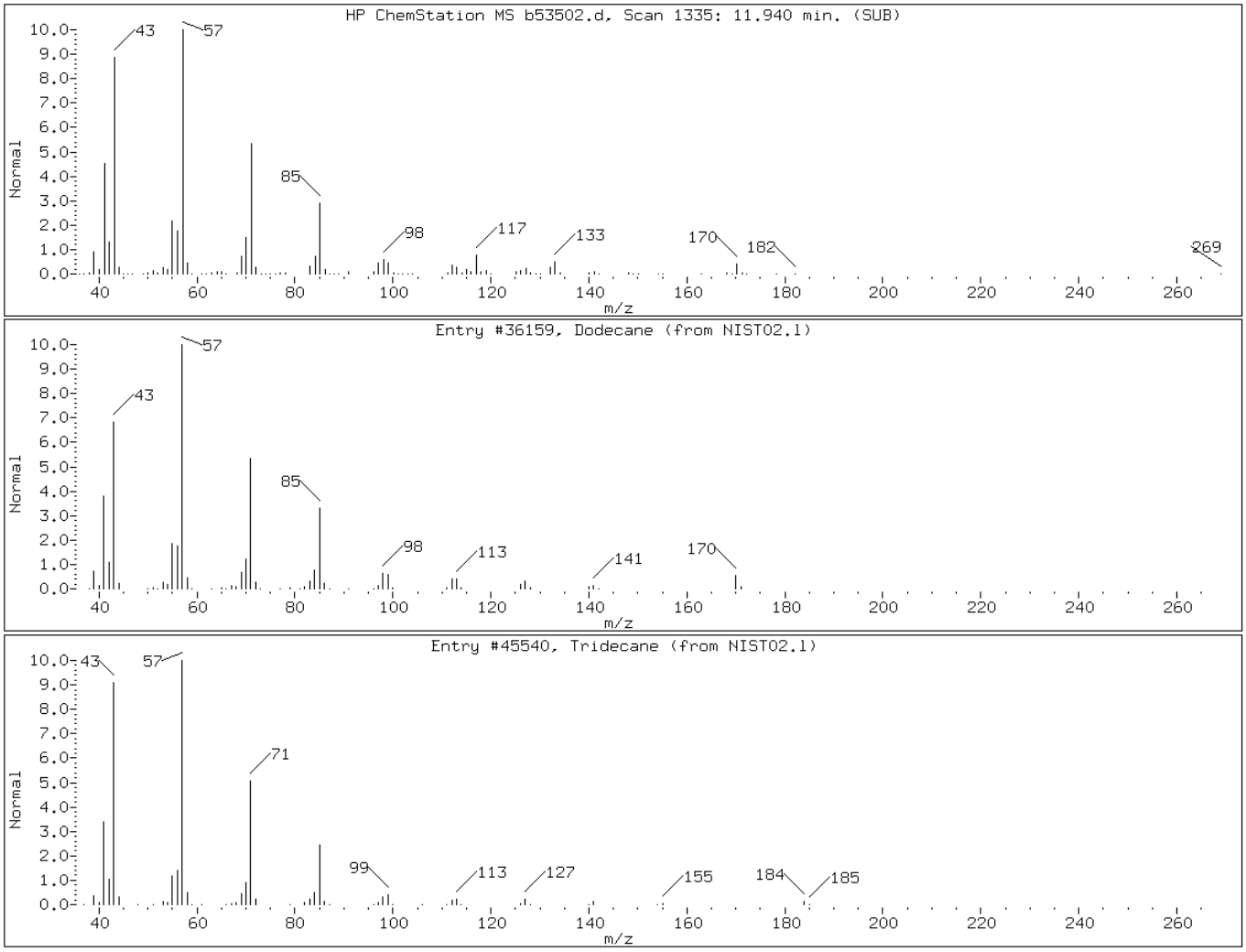
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 11.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane	112-40-3	NIST02.l	36159	95	C12H26	170
Tridecane	629-50-5	NIST02.l	45540	72	C13H28	184



Data File: b53502.d

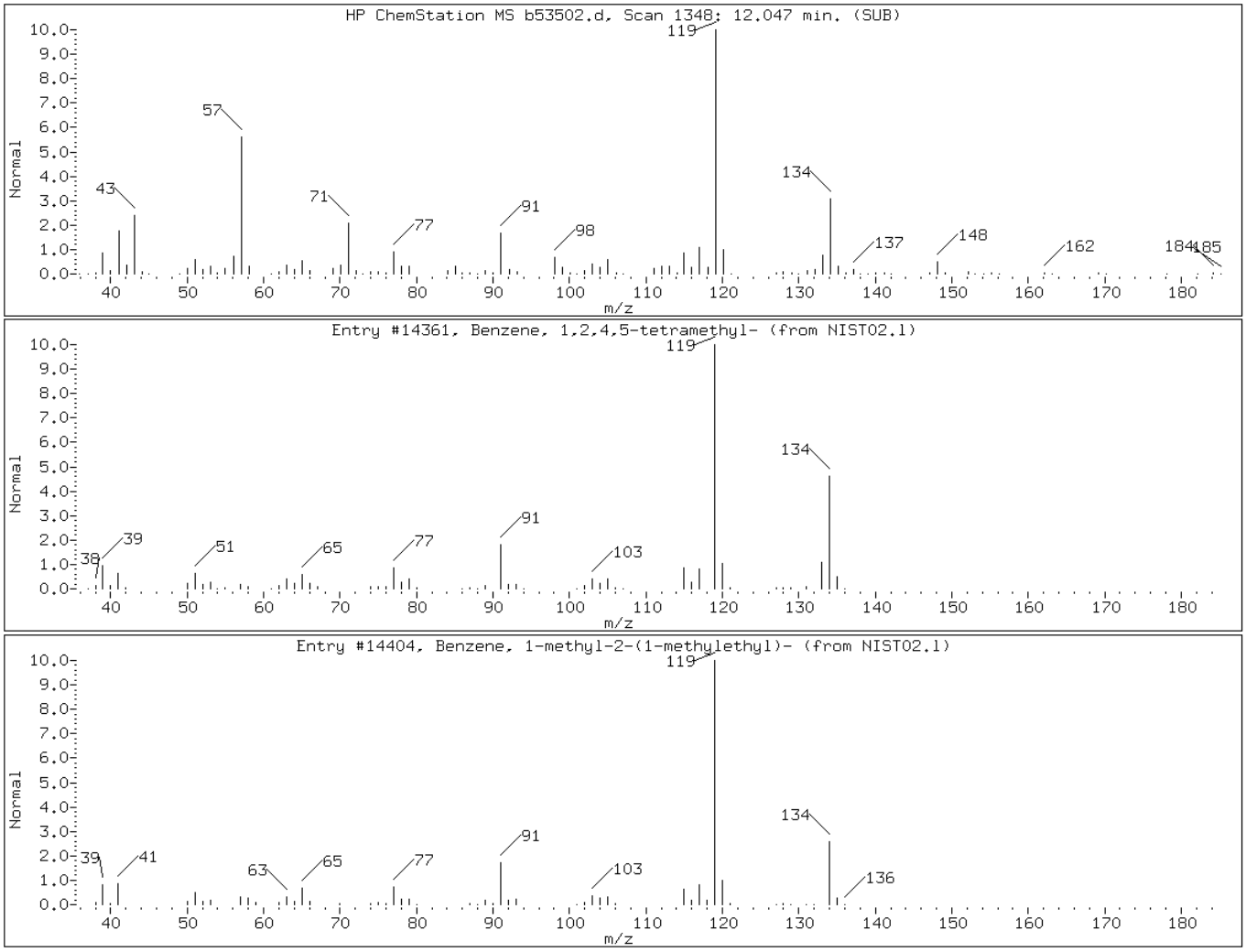
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	95	C10H14	134



Data File: b53502.d

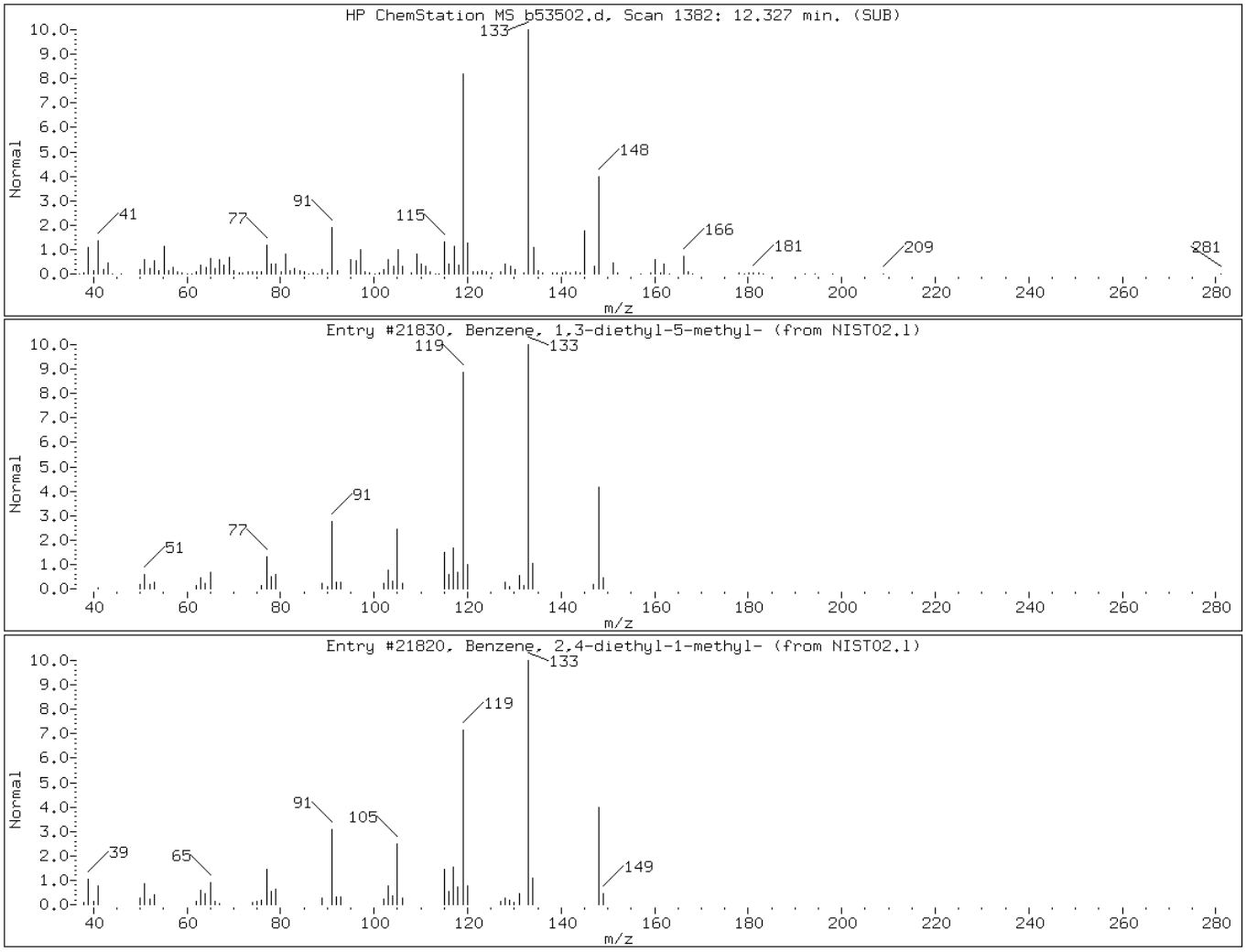
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 12.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-2						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	87	C11H16	148
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	62	C11H16	148



Data File: b53502.d

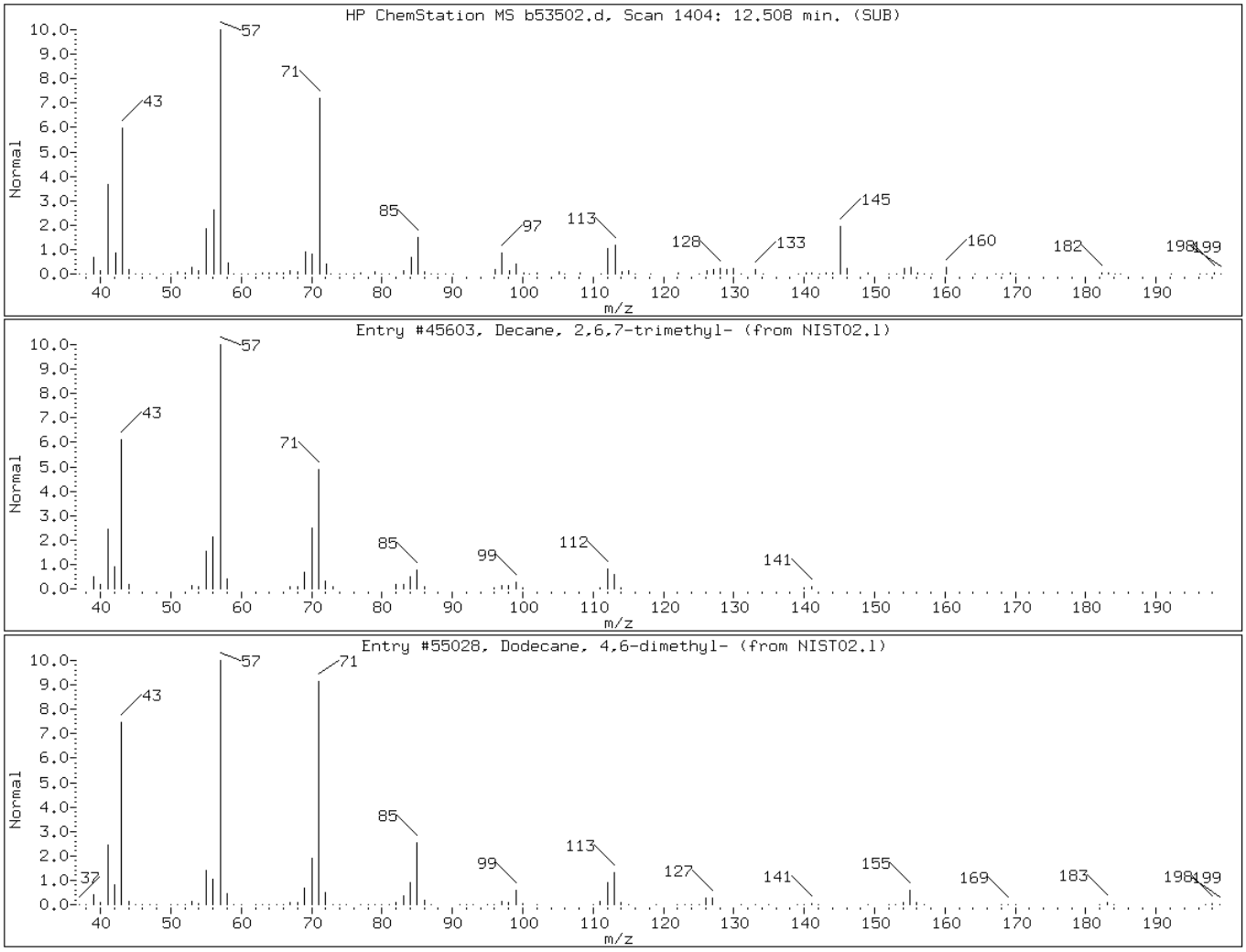
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 12.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Decane, 2,6,7-trimethyl-	62108-25-2	NIST02.l	45603	64	C13H28	184
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55028	60	C14H30	198



Data File: b53502.d

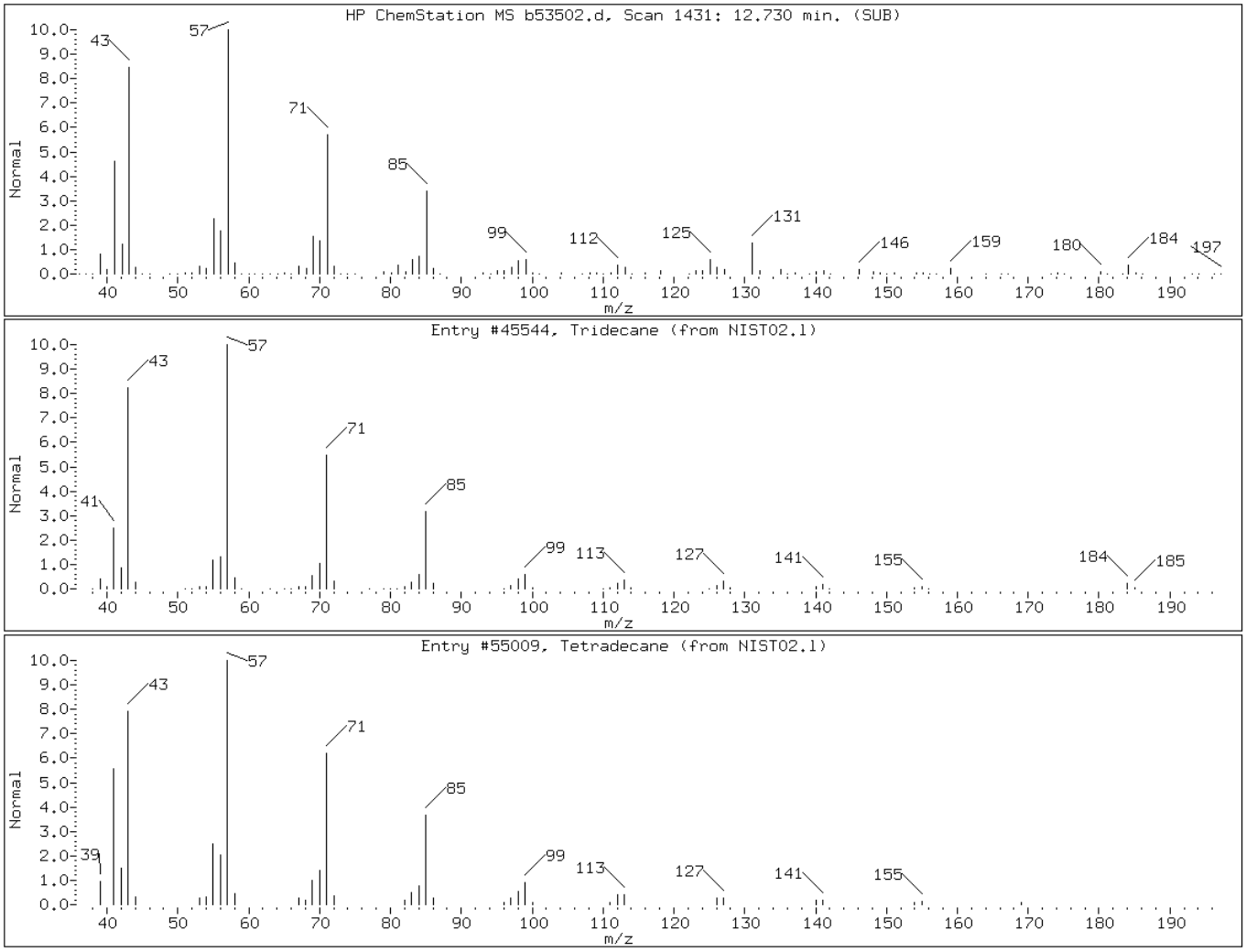
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 12.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45544	93	C13H28	184
Tetradecane	629-59-4	NIST02.l	55009	72	C14H30	198



Data File: b53502.d

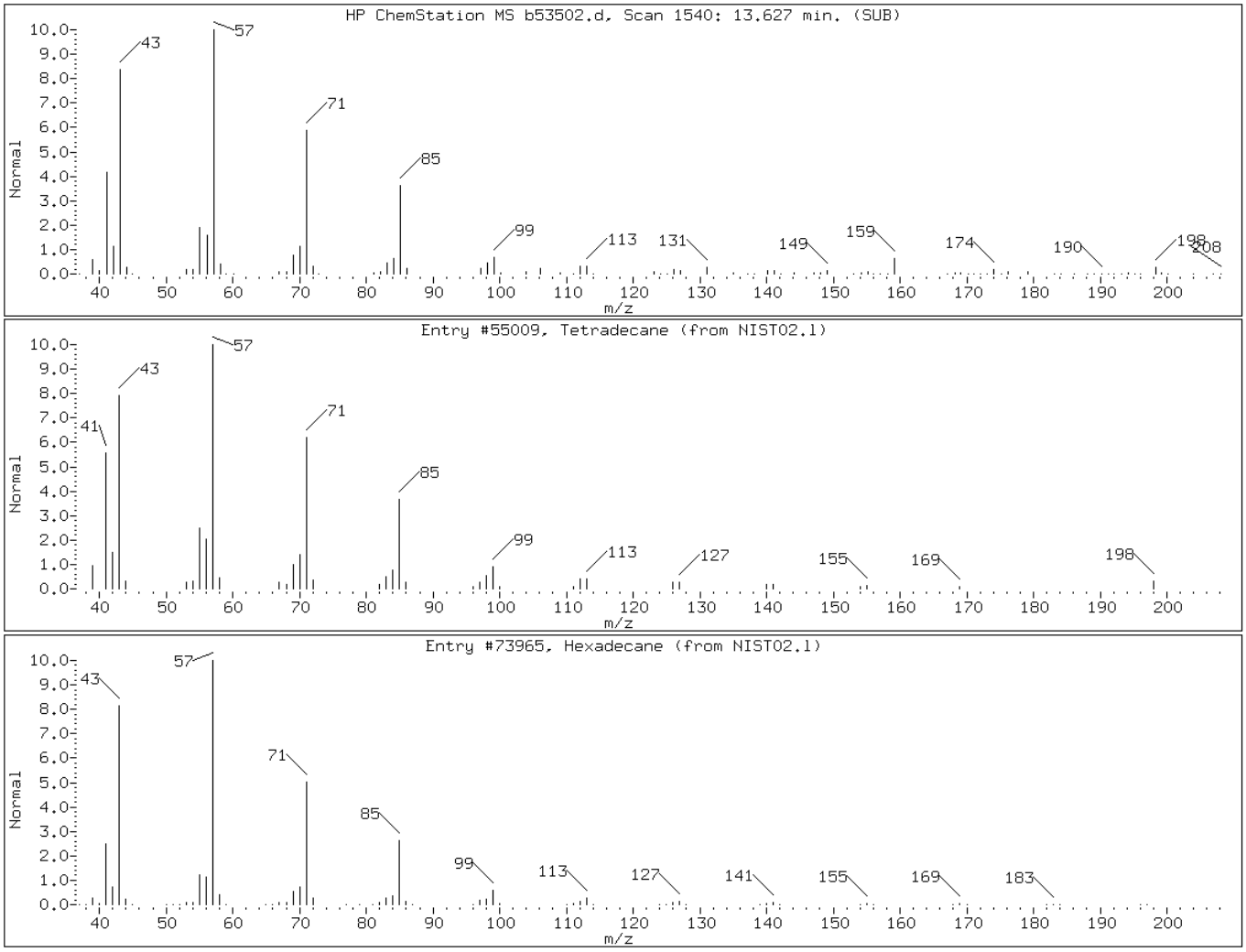
Date: 19-MAR-2013 13:52

Client ID: PMP-9-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-28-A;50;;5.85;5 Operator:

Retention Time: 13.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55009	97	C14H30	198
Hexadecane	544-76-3	NIST02.l	73965	87	C16H34	226



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI | Lab Sample ID: 460-52450-29

Matrix: Solid | Lab File ID: b53503.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:00

Sample wt/vol: 5.93(g) | Date Analyzed: 03/19/2013 14:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	3.0	U	48	3.0
79-34-5	1,1,2,2-Tetrachloroethane	7.5	U	48	7.5
79-00-5	1,1,2-Trichloroethane	8.9	U	48	8.9
75-34-3	1,1-Dichloroethane	6.2	U	48	6.2
75-35-4	1,1-Dichloroethene	4.2	U	48	4.2
87-61-6	1,2,3-Trichlorobenzene	92		48	24
120-82-1	1,2,4-Trichlorobenzene	390		48	16
96-12-8	1,2-Dibromo-3-Chloropropane	19	U	48	19
106-93-4	1,2-Dibromoethane	13	U	48	13
95-50-1	1,2-Dichlorobenzene	9.8	U	48	9.8
107-06-2	1,2-Dichloroethane	9.0	U	48	9.0
78-87-5	1,2-Dichloropropane	4.1	U	48	4.1
541-73-1	1,3-Dichlorobenzene	6.5	U	48	6.5
106-46-7	1,4-Dichlorobenzene	11	U	48	11
123-91-1	1,4-Dioxane	1700	U	2400	1700
78-93-3	2-Butanone	110	U	240	110
591-78-6	2-Hexanone	24	U	240	24
108-10-1	4-Methyl-2-pentanone	47	U	240	47
67-64-1	Acetone	130	U	240	130
71-43-2	Benzene	3.9	U	48	3.9
74-97-5	Bromochloromethane	13	U	48	13
75-27-4	Bromodichloromethane	6.0	U	48	6.0
75-25-2	Bromoform	9.1	U	48	9.1
74-83-9	Bromomethane	8.6	U	48	8.6
75-15-0	Carbon disulfide	6.0	U	48	6.0
56-23-5	Carbon tetrachloride	2.7	U	48	2.7
108-90-7	Chlorobenzene	5.3	U	48	5.3
75-00-3	Chloroethane	8.1	U	48	8.1
67-66-3	Chloroform	3.7	U	48	3.7
74-87-3	Chloromethane	4.6	U	48	4.6
156-59-2	cis-1,2-Dichloroethene	8.4	U	48	8.4
10061-01-5	cis-1,3-Dichloropropene	8.8	U	48	8.8
110-82-7	Cyclohexane	7.6	U	48	7.6
124-48-1	Dibromochloromethane	9.5	U	48	9.5
75-71-8	Dichlorodifluoromethane	10	U	48	10
100-41-4	Ethylbenzene	4.6	U	48	4.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI | Lab Sample ID: 460-52450-29

Matrix: Solid | Lab File ID: b53503.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:00

Sample wt/vol: 5.93(g) | Date Analyzed: 03/19/2013 14:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	3.9	U	48	3.9
98-82-8	Isopropylbenzene	7.7	J	48	3.7
79-20-9	Methyl acetate	16	U	95	16
108-87-2	Methylcyclohexane	86		48	6.5
75-09-2	Methylene Chloride	8.7	U	48	8.7
1634-04-4	MTBE	6.6	U	48	6.6
100-42-5	Styrene	5.7	U	48	5.7
127-18-4	Tetrachloroethene	12	J	48	4.6
108-88-3	Toluene	7.1	U	48	7.1
156-60-5	trans-1,2-Dichloroethene	6.1	U	48	6.1
10061-02-6	trans-1,3-Dichloropropene	12	U	48	12
79-01-6	Trichloroethene	4.4	U	48	4.4
75-69-4	Trichlorofluoromethane	7.0	U	48	7.0
75-01-4	Vinyl chloride	6.9	U	48	6.9
1330-20-7	Xylenes, Total	17	U	140	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		75-135
2037-26-5	Toluene-d8 (Surr)	73		59-150
460-00-4	Bromofluorobenzene	90		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI Lab Sample ID: 460-52450-29

Matrix: Solid Lab File ID: b53503.d

Analysis Method: 8260B Date Collected: 03/14/2013 15:00

Sample wt/vol: 5.93(g) Date Analyzed: 03/19/2013 14:15

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 Level: (low/med) Medium

Analysis Batch No.: 151692 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 63500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	11.12	7900	J
	Decahydromethylnaphthalene isomer	11.56	4200	J
	Unknown Cycloalkane	11.59	4100	J
	Decahydromethylnaphthalene isomer-1	11.73	4500	J
	Unknown Alkane-1	11.94	12000	J
	Unknown Alkane/Unknown	12.05	6900	J
	Unknown Alkane-2	13.43	4600	J
	Unknown Alkane-3	13.63	9500	J
	Unknown Alkane-5	14.74	5800	J
	Dimethylnaphthalene isomer-1	15.17	4000	J

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53503.d
Report Date: 24-Mar-2013 14:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53503.d
Lab Smp Id: 460-52450-B-29-A Client Smp ID: PMP-9-NE-SI
Inj Date : 19-MAR-2013 14:15
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-29-A;50;;5.93;5
Misc Info : 460-52450-B-29-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/8260_09.m
Meth Date : 20-Mar-2013 12:52 delpolit Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 25
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	5.00000	Volume of final extract (mL)
Ws	5.93000	Weight of sample extracted (g)
M	11.57324	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	142349	39.2616	1900
	51 n-Heptane	57	5.093	5.101	(0.973)	1048	0.37120	18(a)
*	52 Fluorobenzene	96	5.233	5.225	(1.000)	611624	50.0000	
	56 Methyl cyclohexane	83	5.793	5.784	(1.107)	7975	1.80967	86
$	65 Toluene-d8 (SUR)	98	7.233	7.225	(0.823)	320506	36.6125	1700
	71 Tetrachloroethene	166	7.883	7.875	(0.897)	856	0.24871	12(a)
*	78 Chlorobenzene-d5	117	8.788	8.780	(1.000)	431542	50.0000	
	84 o-Xylene	106	9.381	9.381	(1.067)	1285	0.21675	10(a)
	88 Isopropylbenzene	105	9.702	9.694	(1.104)	2354	0.16055	7.6(a)
$	89 Bromofluorobenzene (SUR)	174	9.874	9.875	(0.912)	134758	44.8876	2100
	95 n-Propylbenzene	91	10.055	10.056	(0.929)	7206	0.38612	18(a)
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	28658	2.34497	110
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	2768	0.27782	13(a)
	101 1,2,4-Trimethylbenzene	105	10.525	10.517	(0.972)	16333	1.31694	63

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53503.d
Report Date: 24-Mar-2013 14:38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
103 sec-Butylbenzene	105	10.648	10.648	(0.983)	29427	1.67620	80
107 p-Isopropyltoluene	119	10.771	10.763	(0.995)	28468	1.91451	91
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	205091	50.0000	
106 n-Butylbenzene	91	11.084	11.093	(1.024)	50386	3.22674	150
114 1,2,4-Trichlorobenzene	180	12.384	12.385	(1.144)	34631	8.09319	380
117 1,2,3-Trichlorobenzene	180	12.812	12.813	(1.183)	7778	1.92261	92

QC Flag Legend

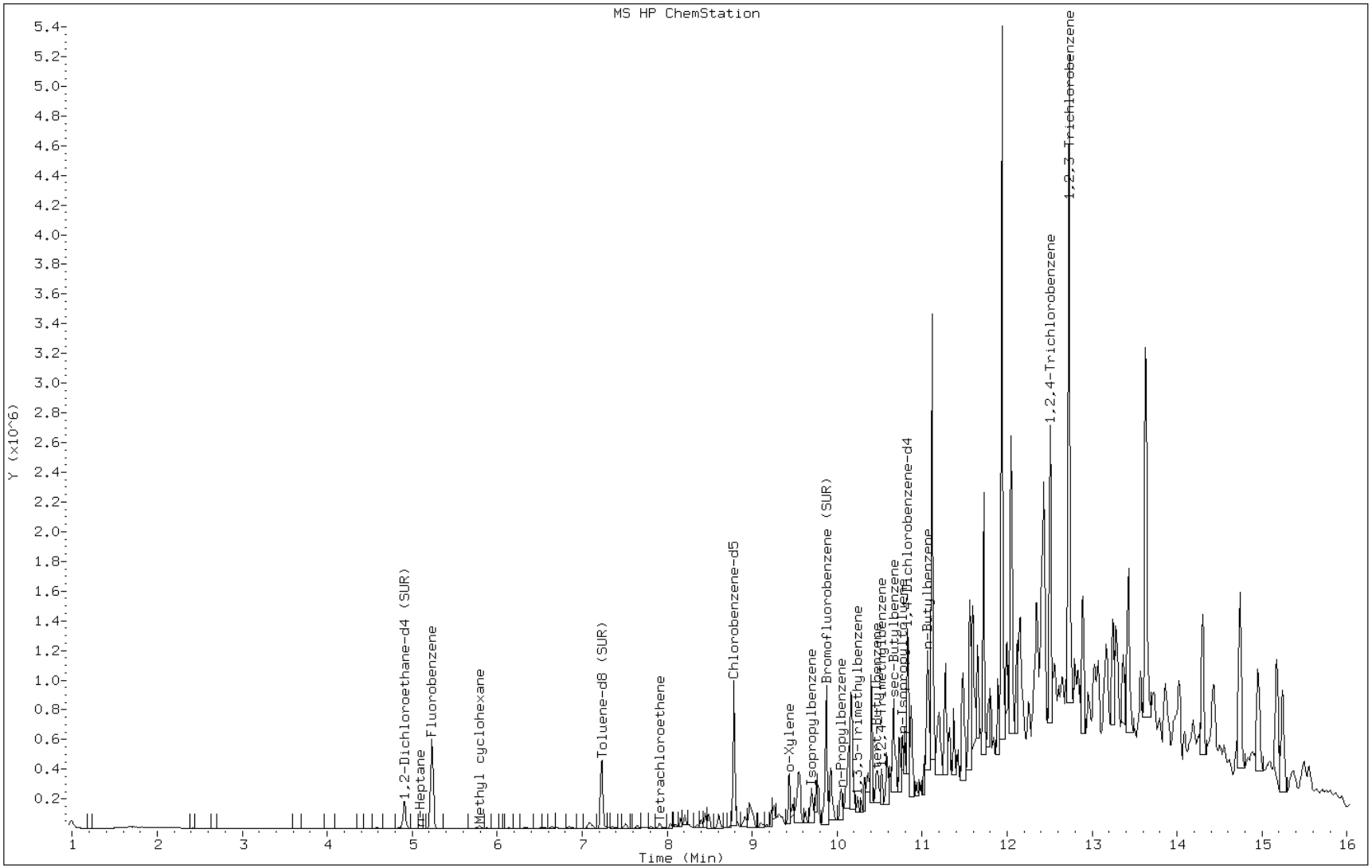
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b53503.d

Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:



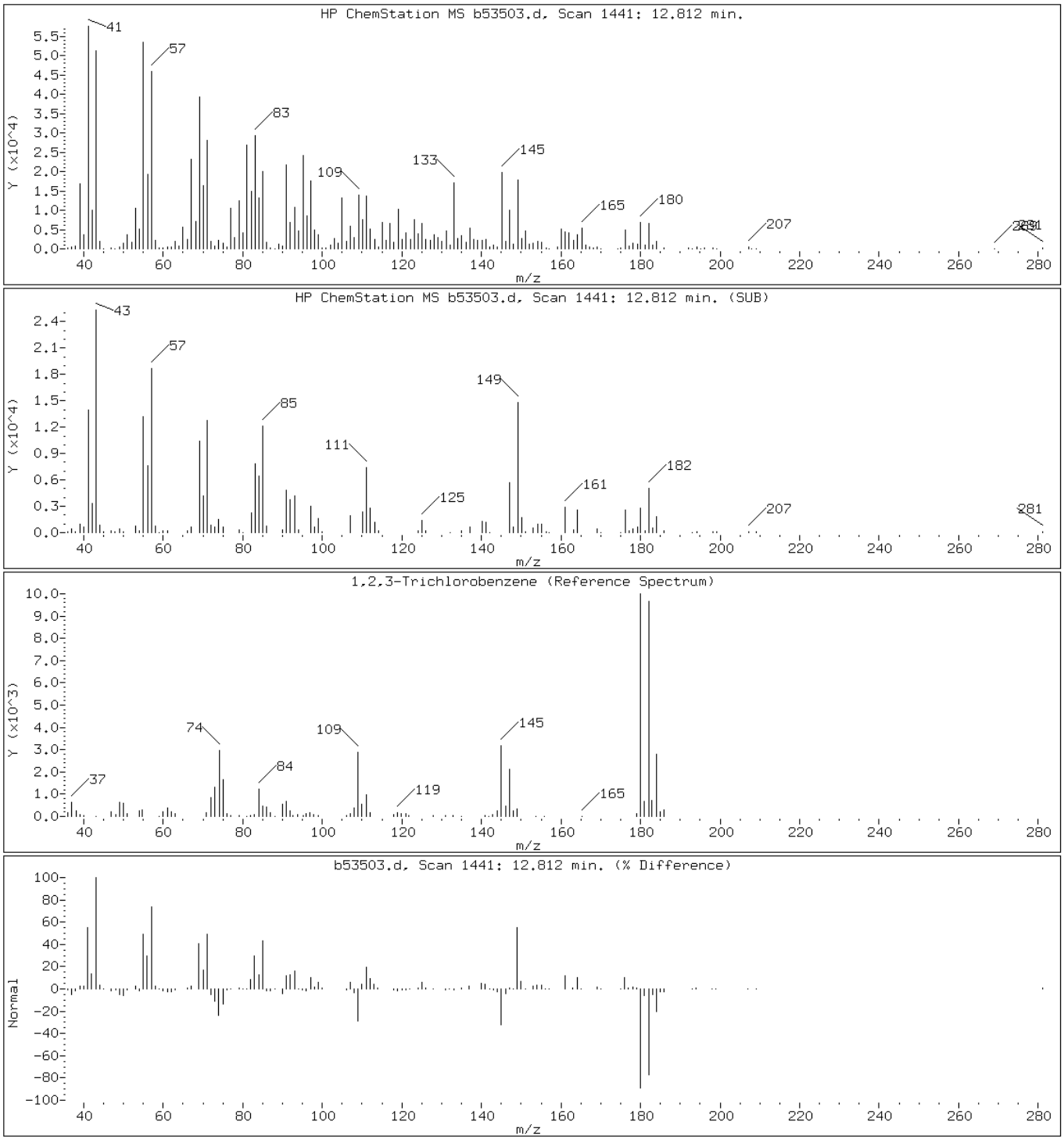
Data File: b53503.d

Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

117 1,2,3-Trichlorobenzene



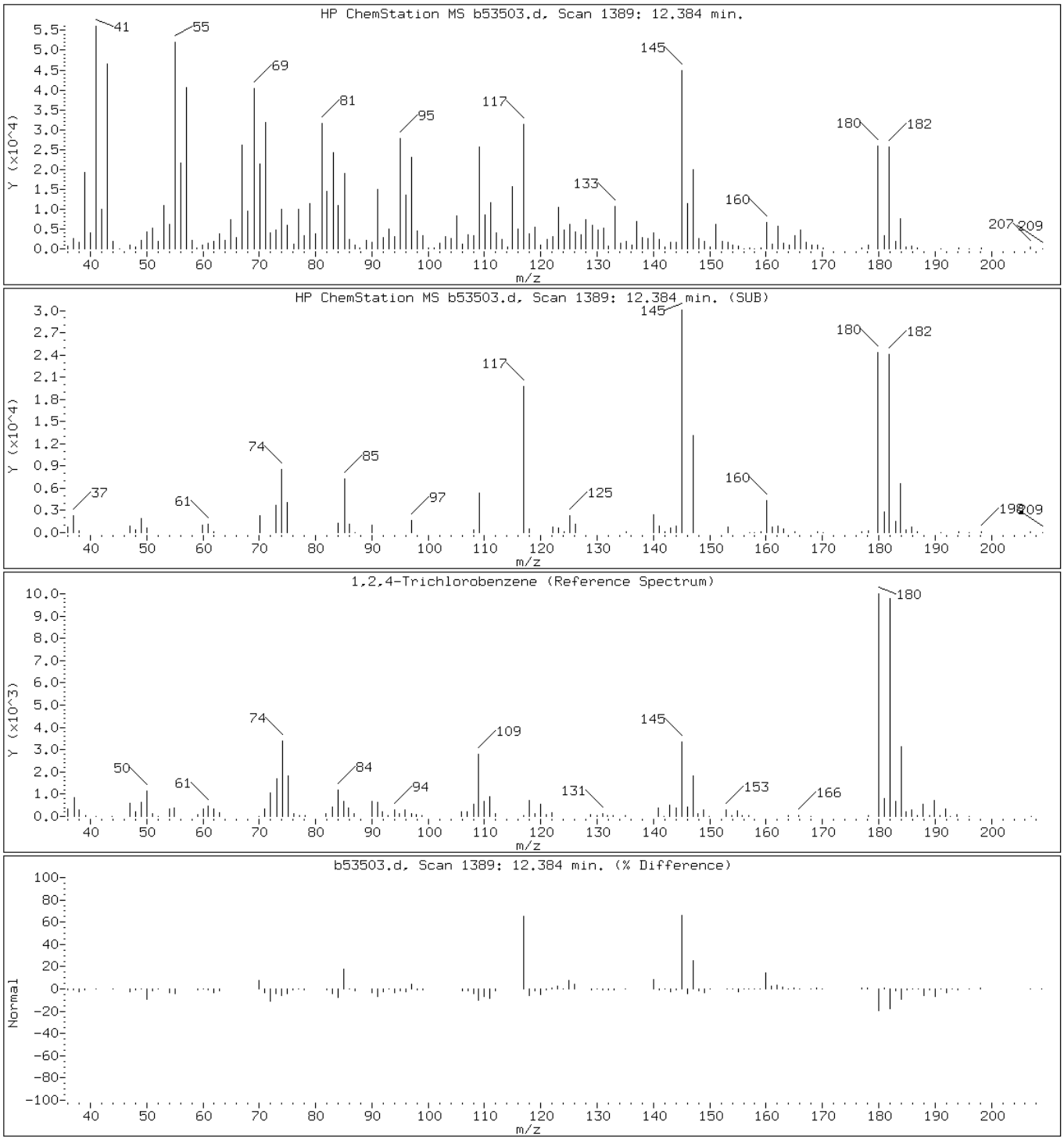
Data File: b53503.d

Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

114 1,2,4-Trichlorobenzene



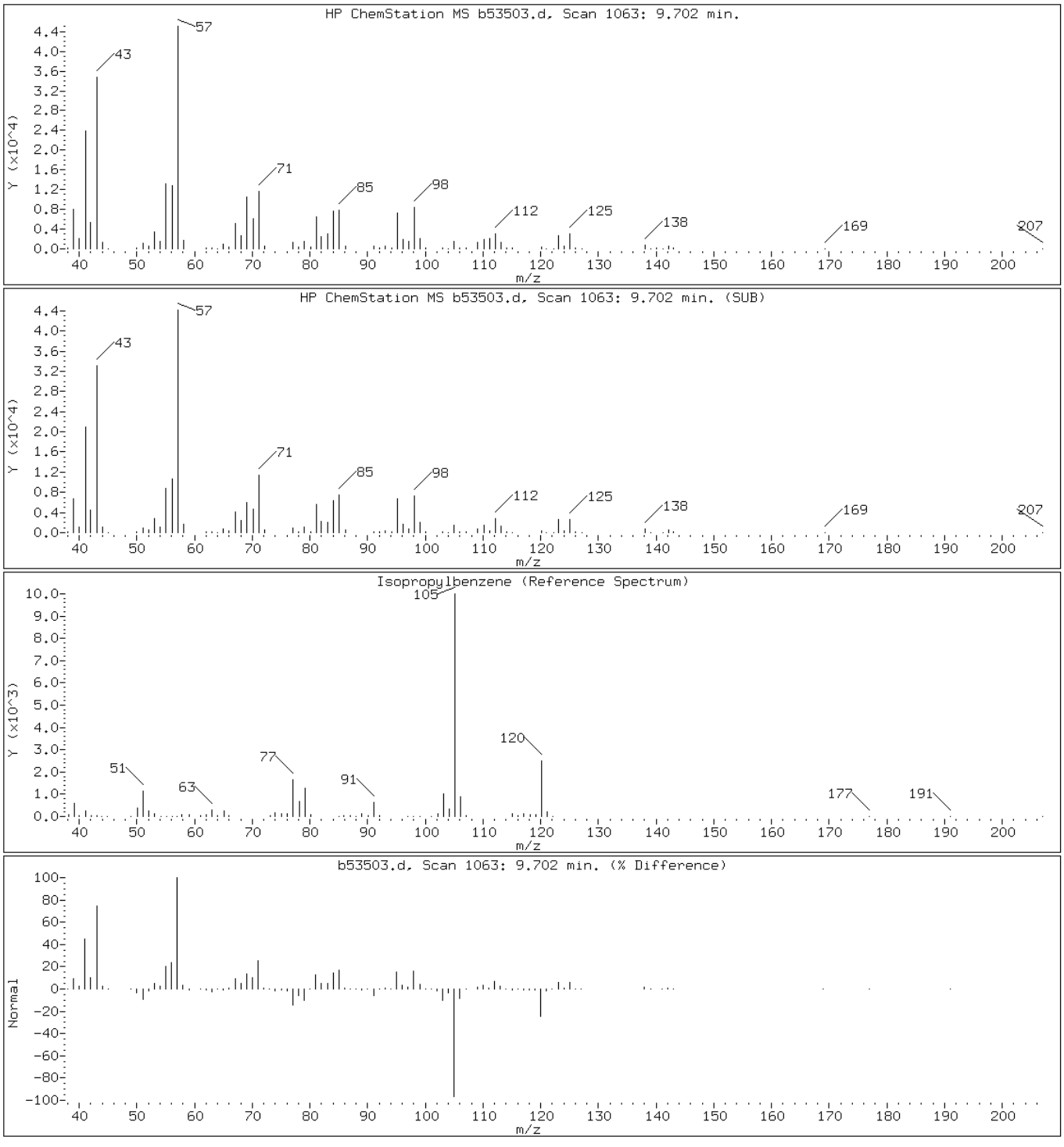
Data File: b53503.d

Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

88 Isopropylbenzene



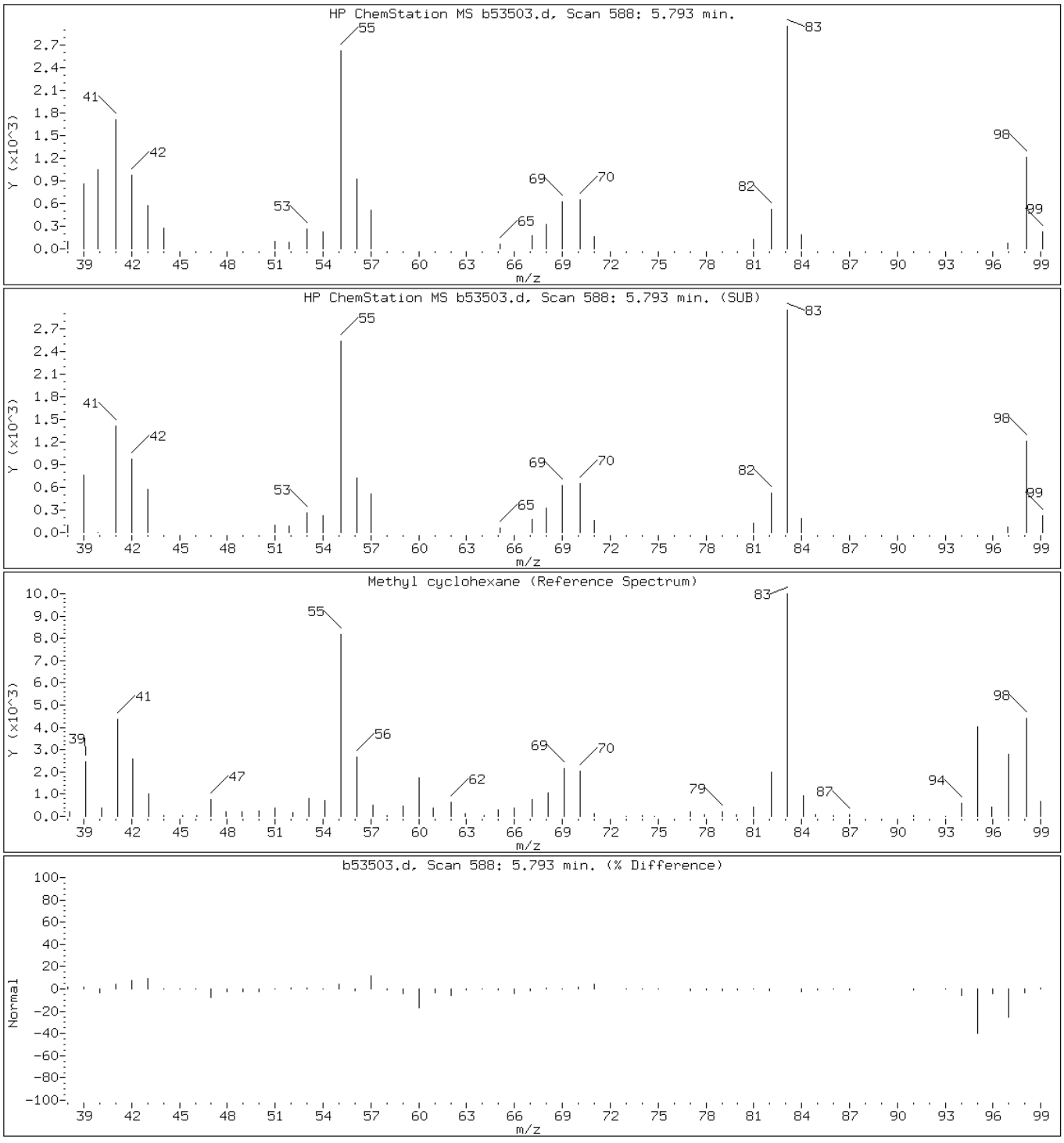
Data File: b53503.d

Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

56 Methyl cyclohexane



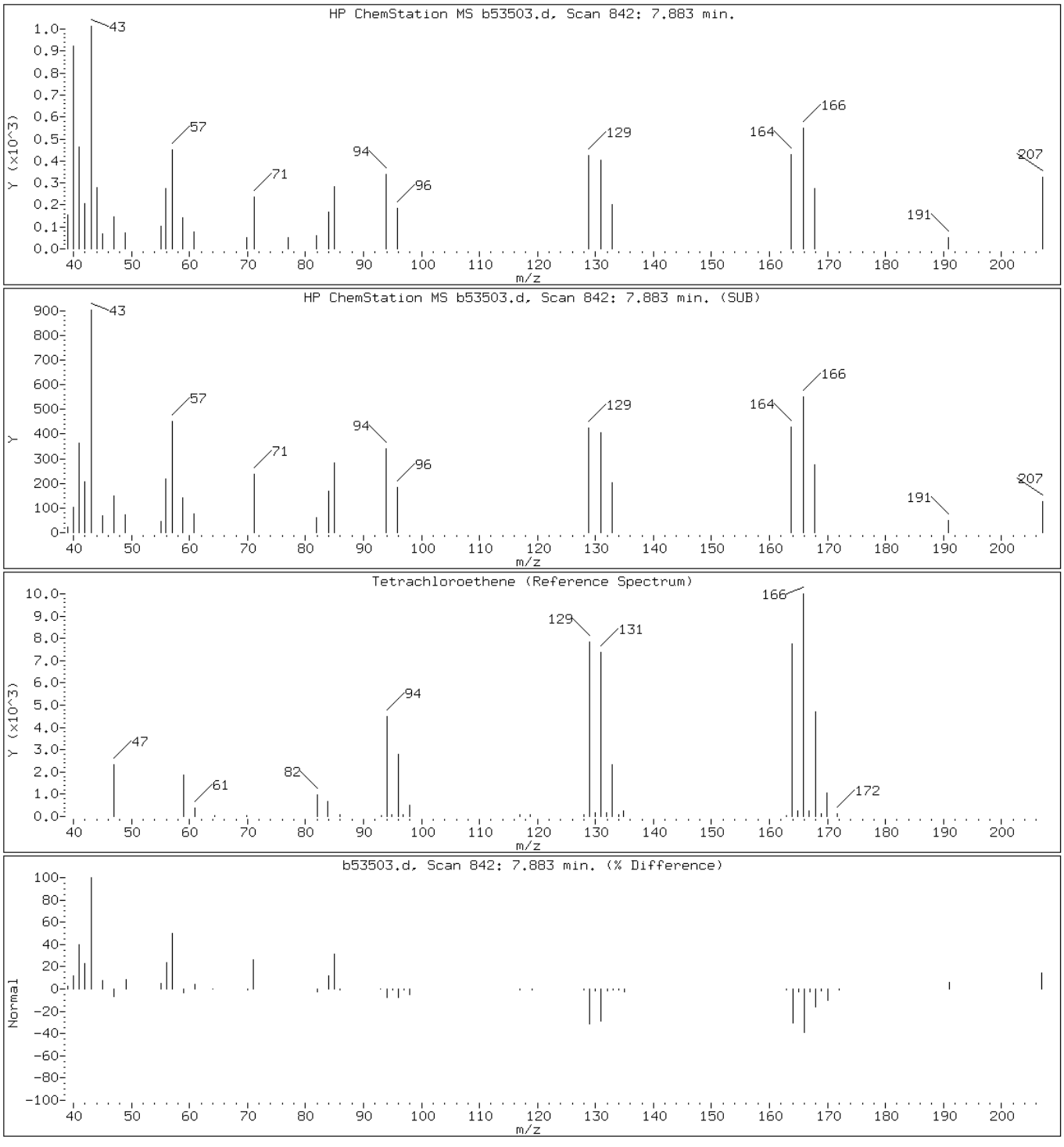
Data File: b53503.d

Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

71 Tetrachloroethene



Data File: b53503.d

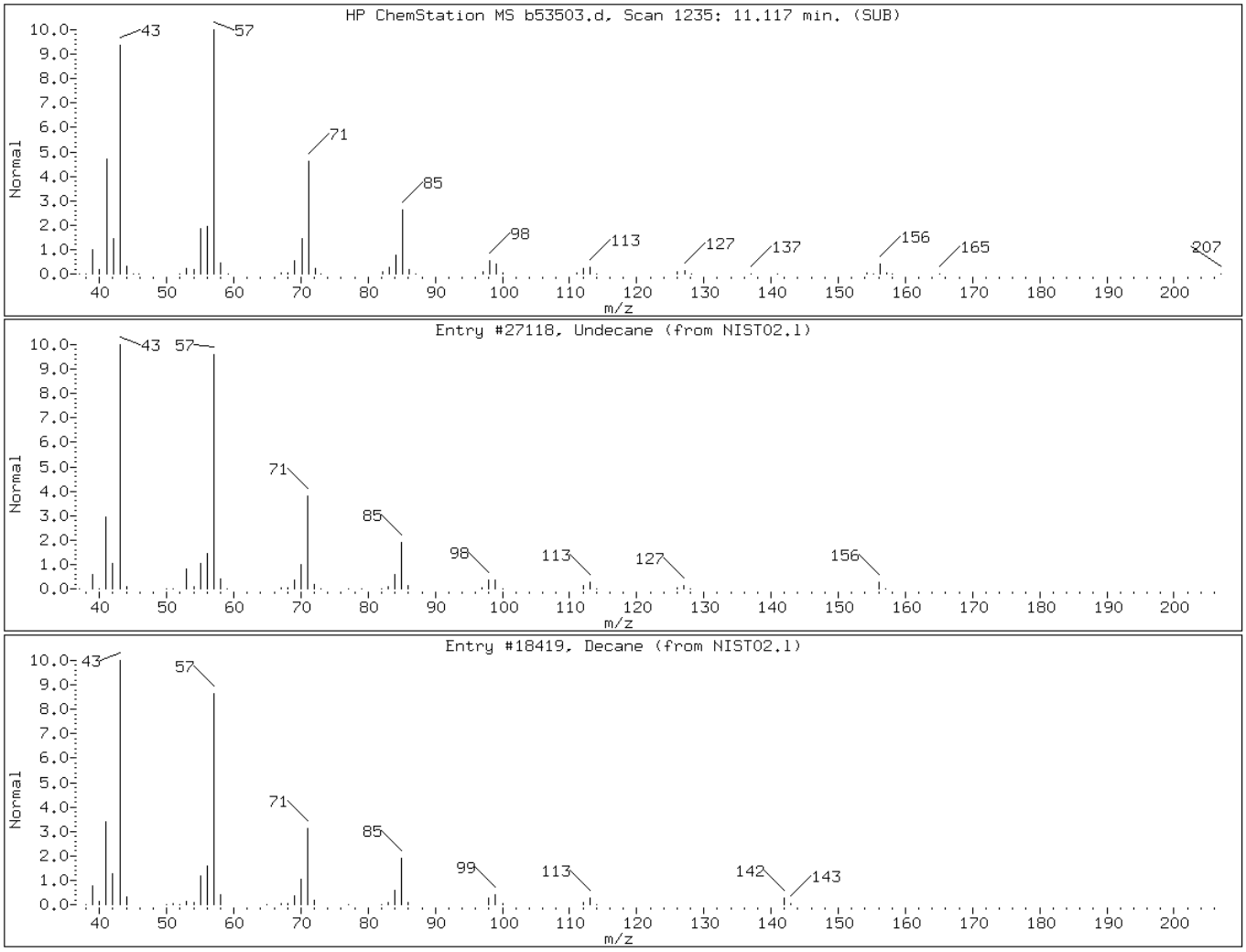
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 11.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane	1120-21-4	NIST02.l	27118	91	C11H24	156
Decane	124-18-5	NIST02.l	18419	90	C10H22	142



Data File: b53503.d

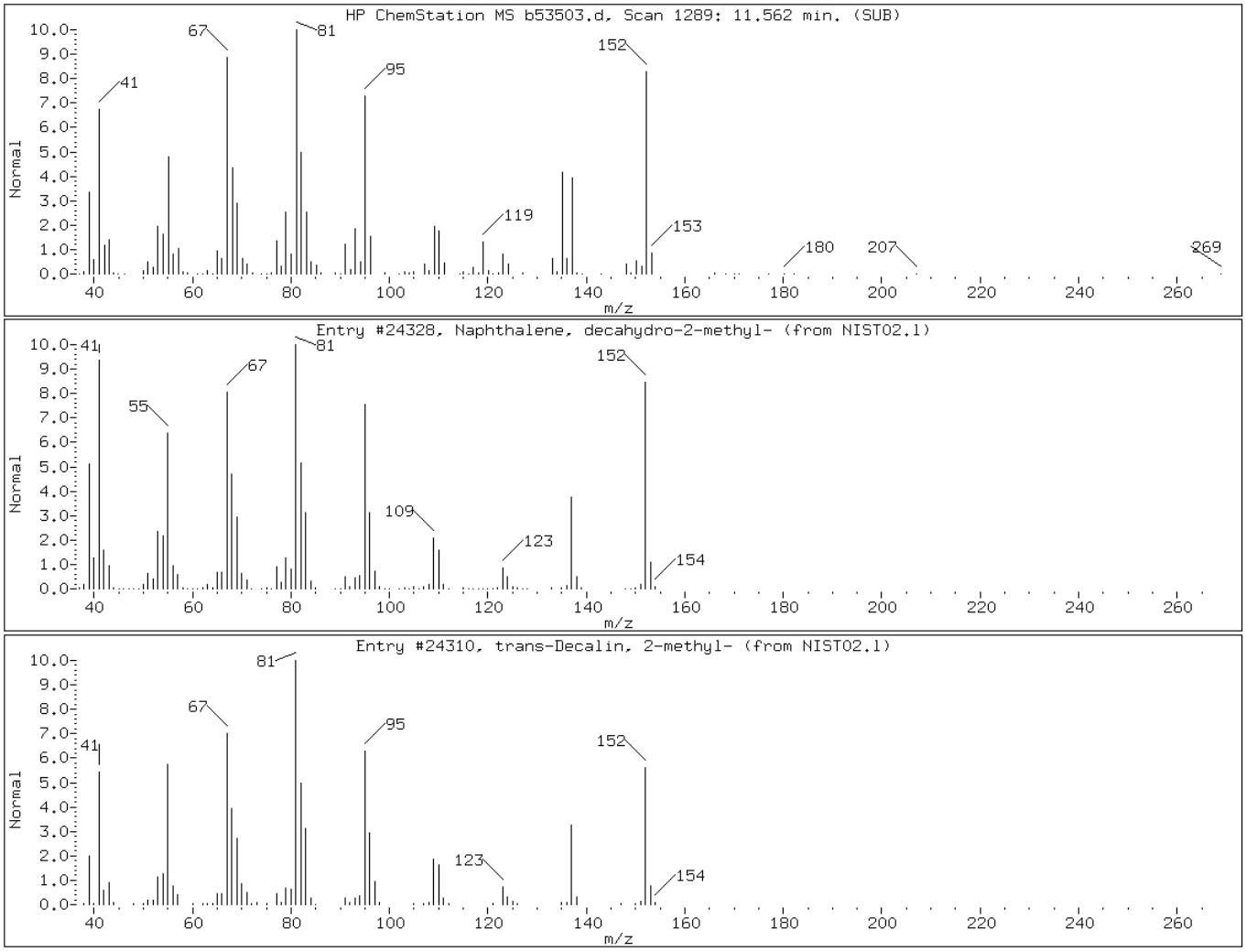
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 11.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	94	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	93	C11H20	152



Data File: b53503.d

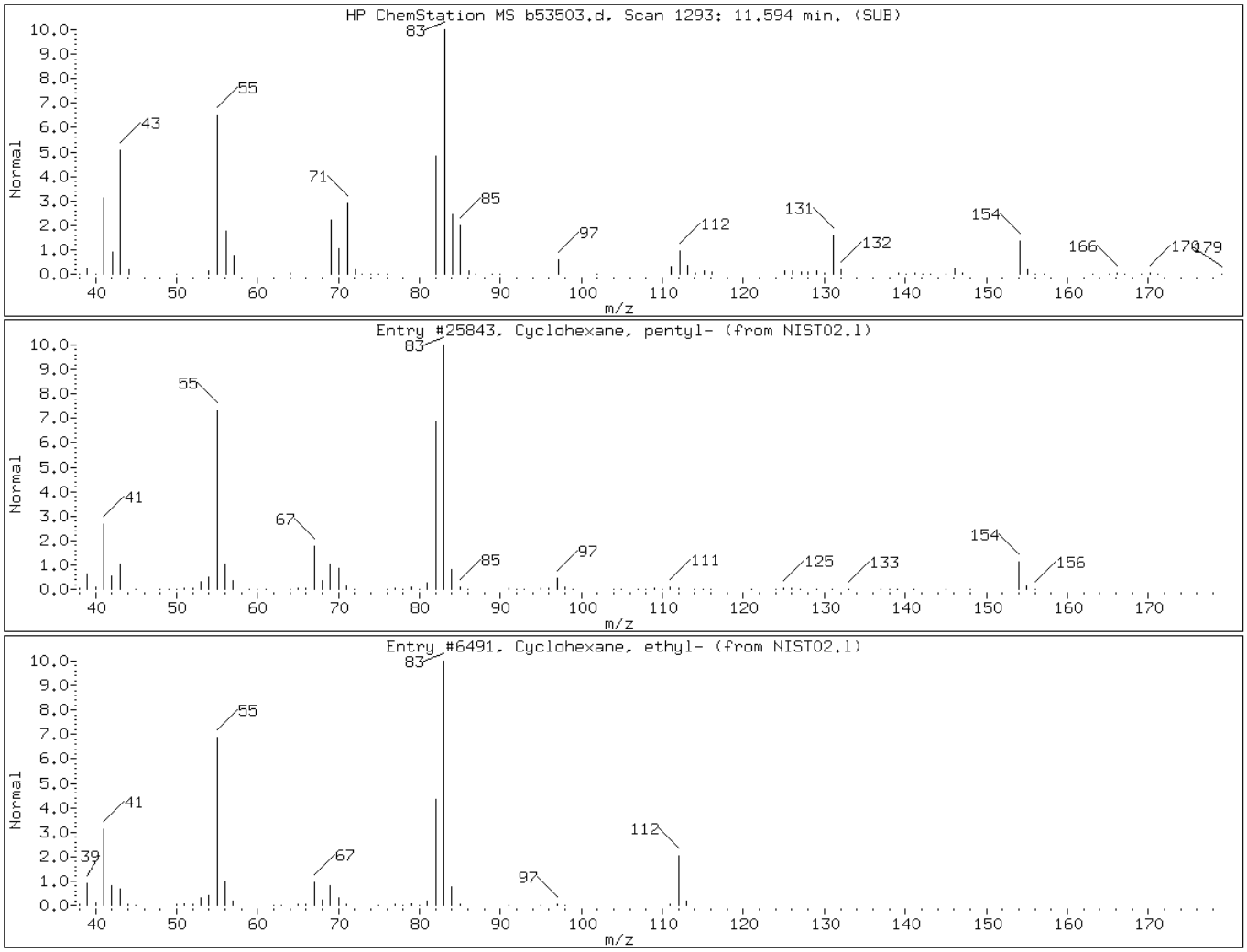
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 11.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, pentyl-	4292-92-6	NIST02.l	25843	49	C11H22	154
Cyclohexane, ethyl-	1678-91-7	NIST02.l	6491	49	C8H16	112



Data File: b53503.d

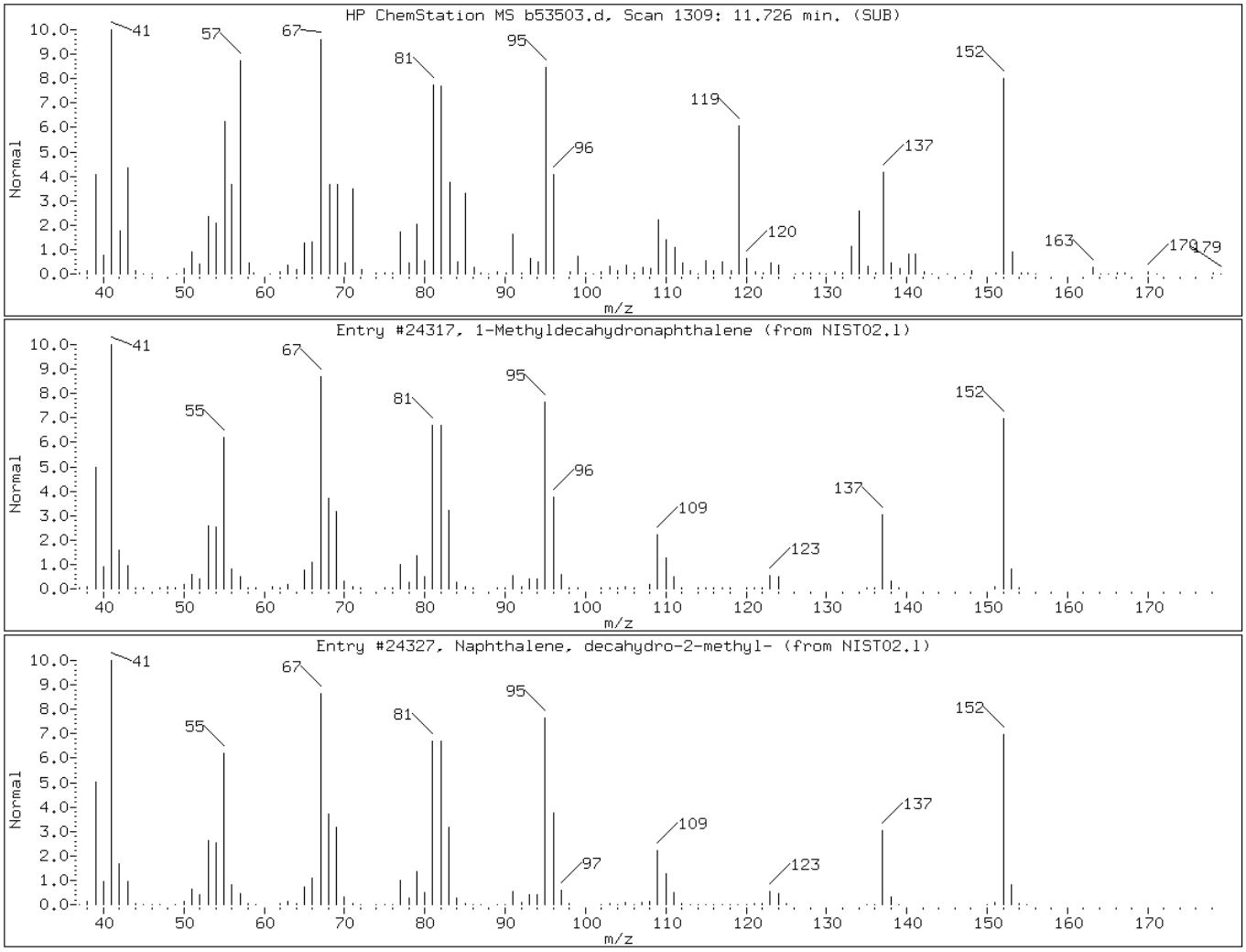
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	98	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	98	C11H20	152



Data File: b53503.d

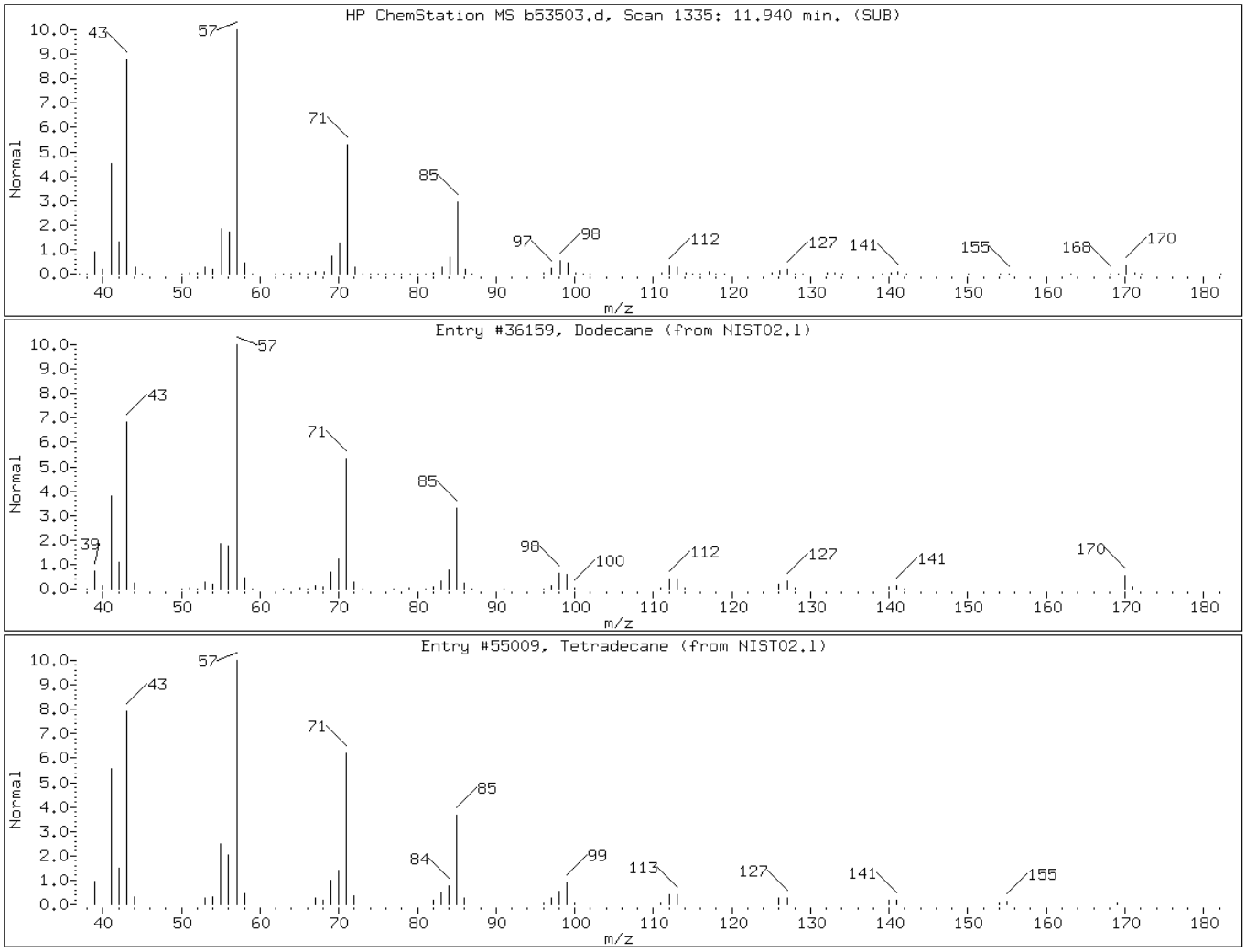
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 11.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	95	C12H26	170
Tetradecane	629-59-4	NIST02.l	55009	90	C14H30	198



Data File: b53503.d

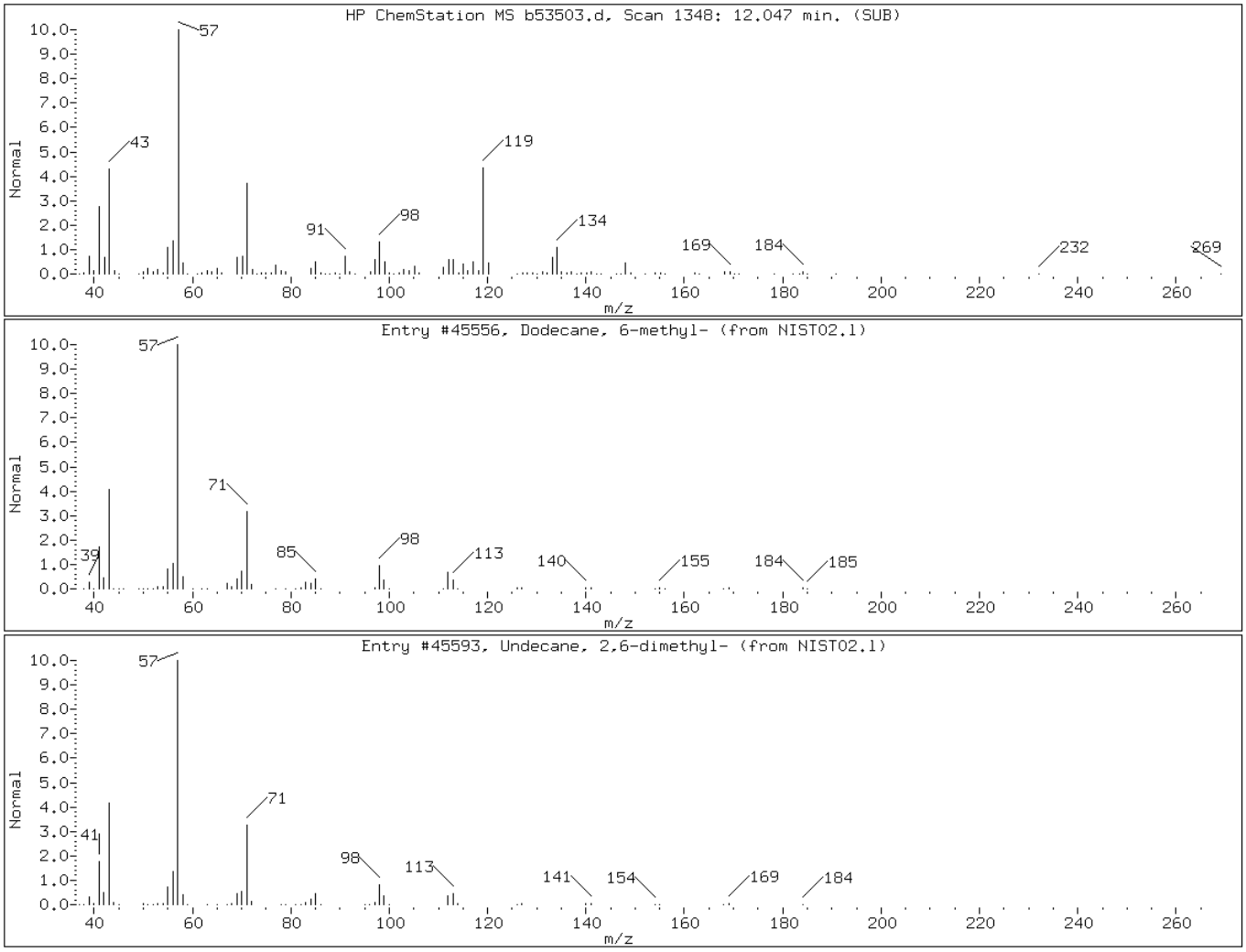
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown						
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	93	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	49	C13H28	184



Data File: b53503.d

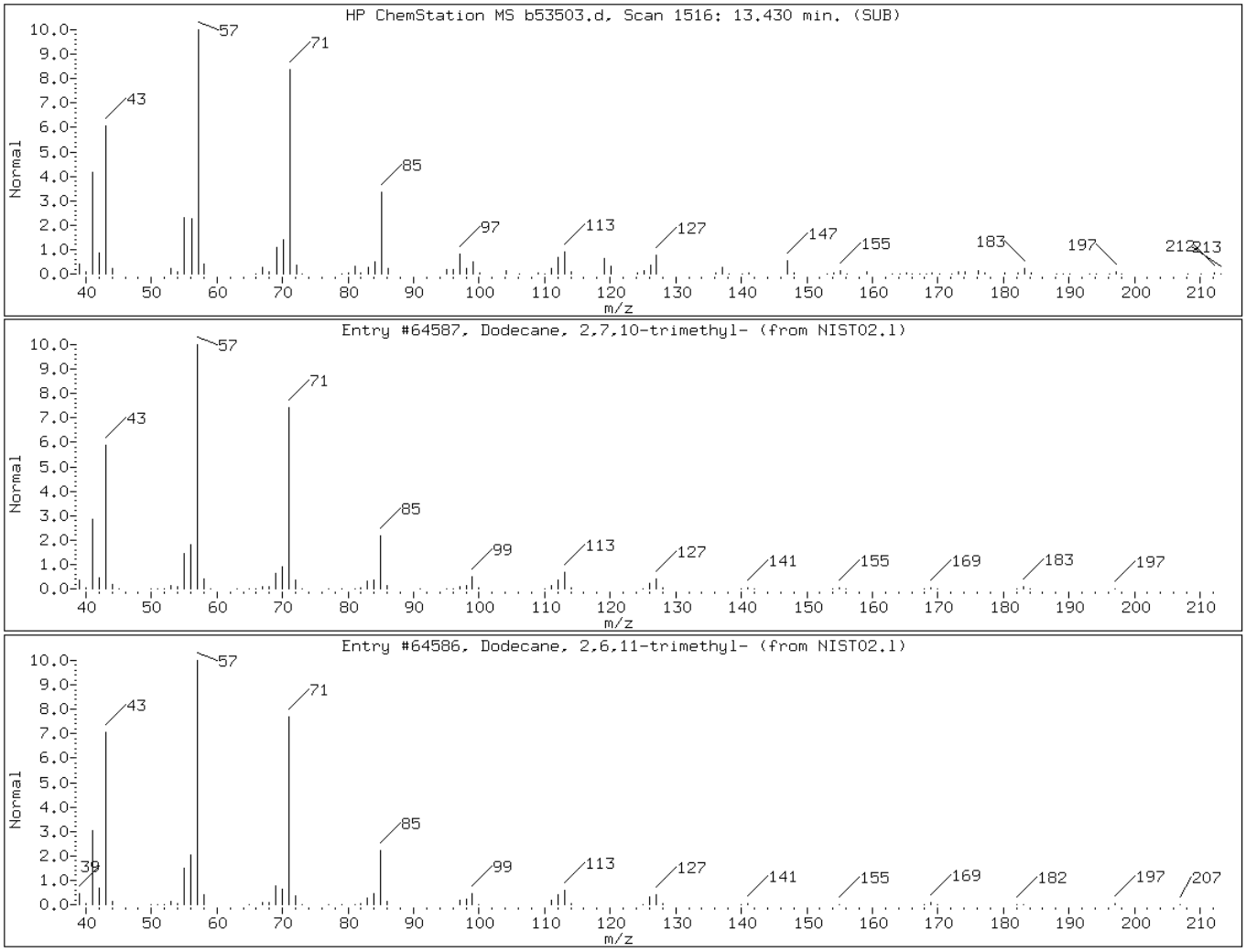
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 13.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	90	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	90	C15H32	212



Data File: b53503.d

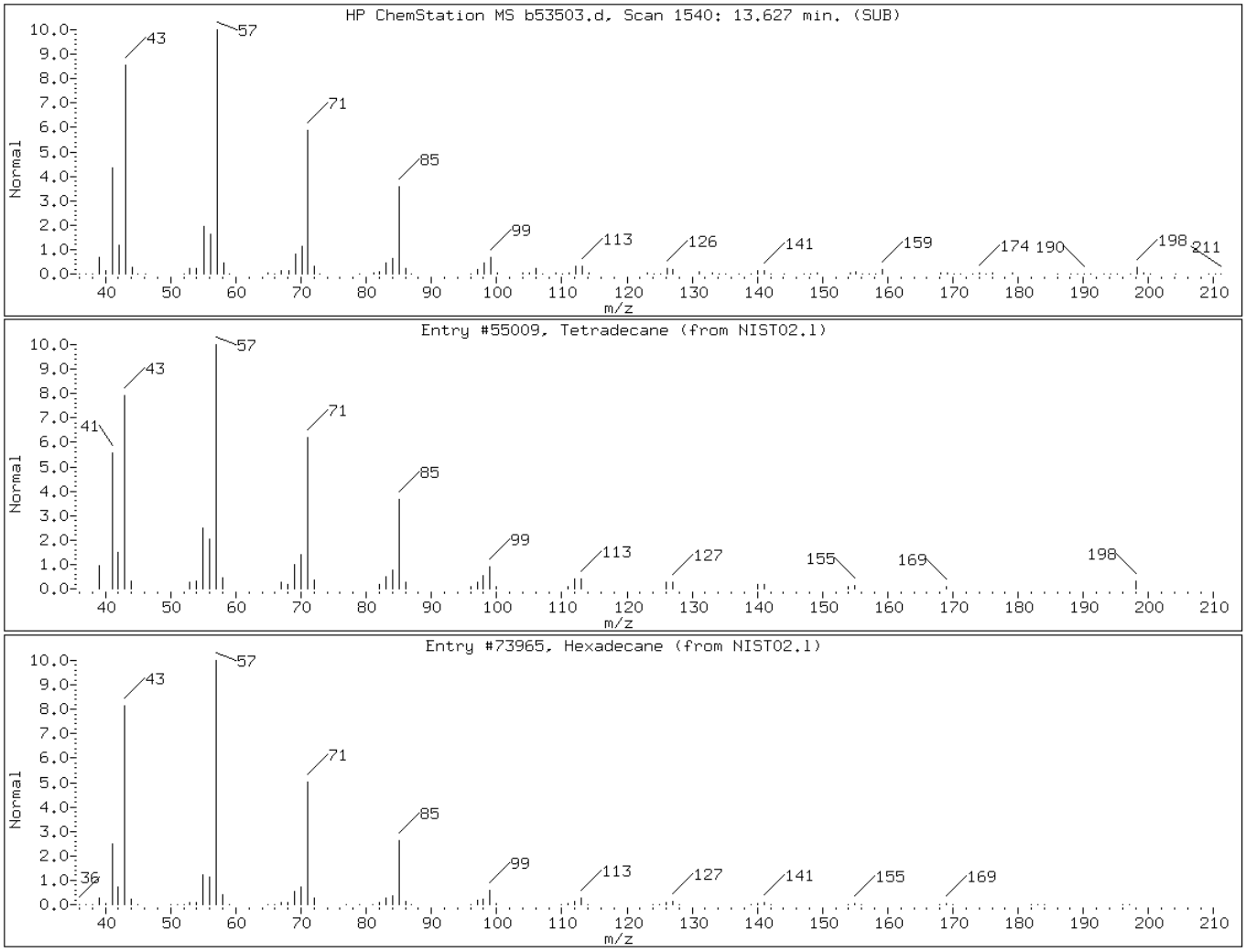
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 13.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55009	97	C14H30	198
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: b53503.d

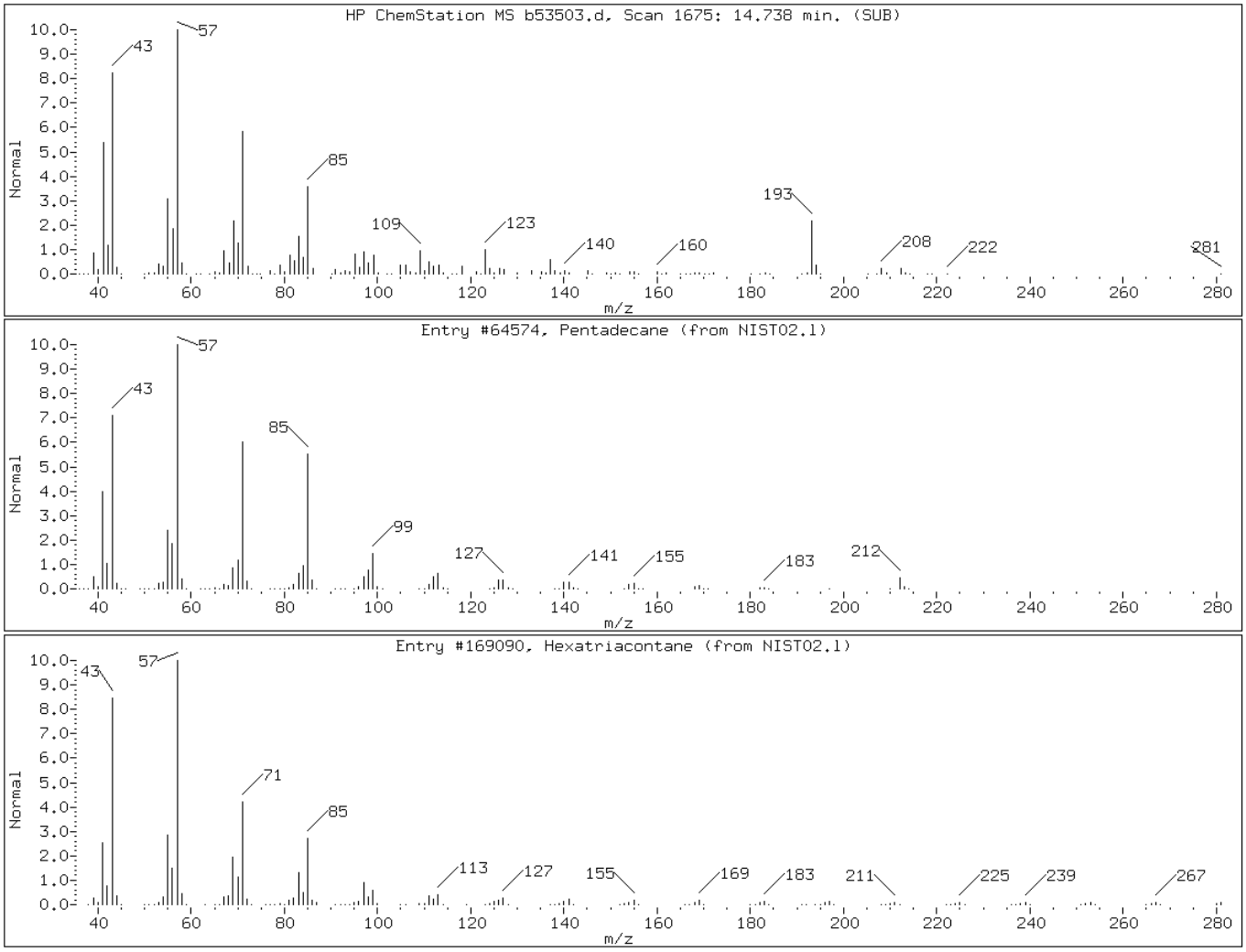
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane	629-62-9	NIST02.l	64574	91	C15H32	212
Hexatriacontane	630-06-8	NIST02.l	169090	52	C36H74	507



Data File: b53503.d

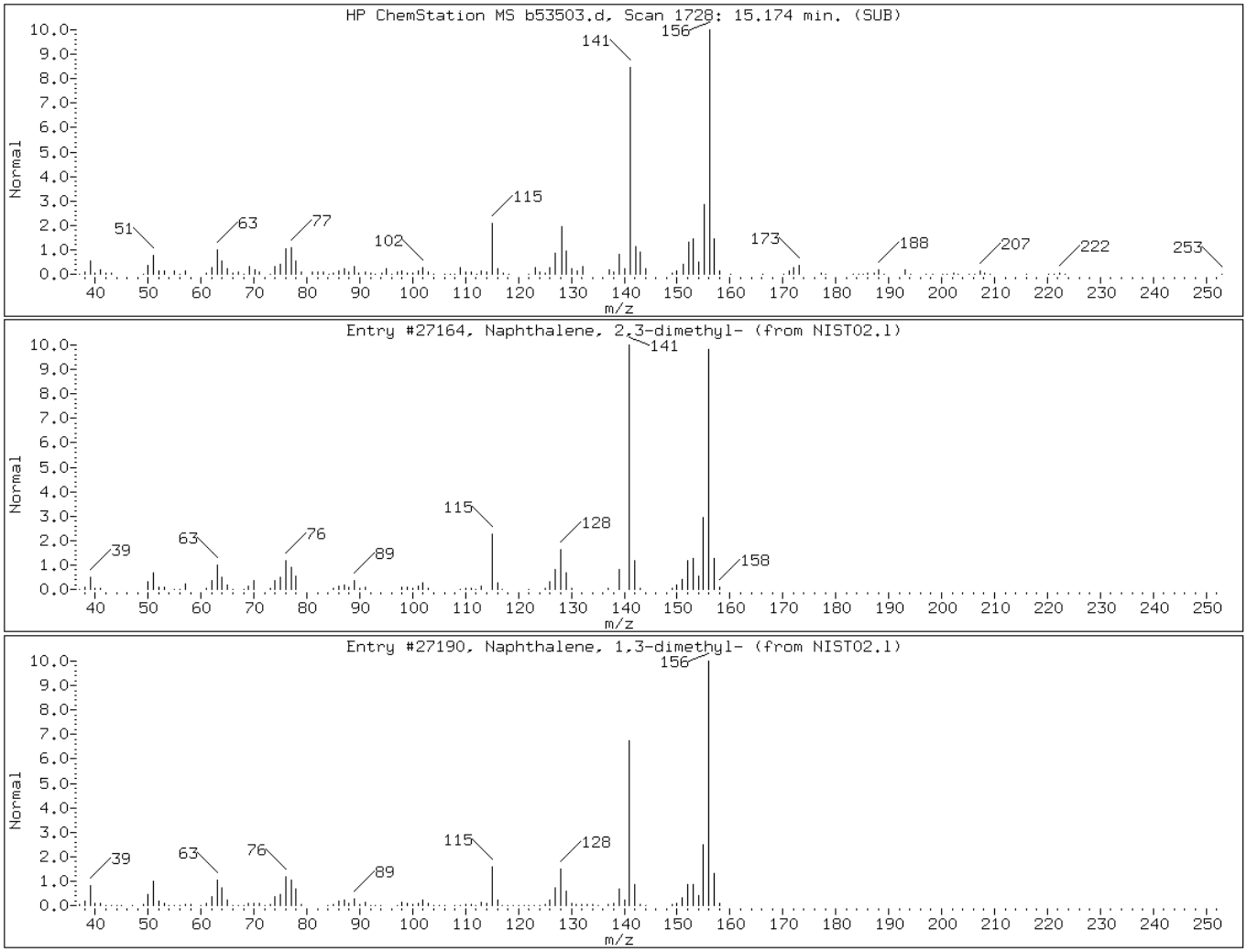
Date: 19-MAR-2013 14:15

Client ID: PMP-9-NE-SI Instrument: VOAMS2.i

Sample Info: 460-52450-B-29-A;50;;5.93;5 Operator:

Retention Time: 15.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.l	27164	98	C12H12	156
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.l	27190	97	C12H12	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD | Lab Sample ID: 460-52450-30

Matrix: Solid | Lab File ID: d30844.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:35

Sample wt/vol: 5.68(g) | Date Analyzed: 03/23/2013 12:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.93	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.083	U	0.93	0.083
79-00-5	1,1,2-Trichloroethane	0.13	U	0.93	0.13
75-34-3	1,1-Dichloroethane	0.10	U	0.93	0.10
75-35-4	1,1-Dichloroethene	0.18	U	0.93	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.93	0.15
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.93	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.93	0.41
106-93-4	1,2-Dibromoethane	0.14	U	0.93	0.14
95-50-1	1,2-Dichlorobenzene	0.093	U	0.93	0.093
107-06-2	1,2-Dichloroethane	0.17	U	0.93	0.17
78-87-5	1,2-Dichloropropane	0.14	U	0.93	0.14
541-73-1	1,3-Dichlorobenzene	0.15	U	0.93	0.15
106-46-7	1,4-Dichlorobenzene	0.10	U	0.93	0.10
123-91-1	1,4-Dioxane	12	U	46	12
78-93-3	2-Butanone	0.58	U	9.3	0.58
591-78-6	2-Hexanone	0.12	U	9.3	0.12
108-10-1	4-Methyl-2-pentanone	0.19	U	9.3	0.19
67-64-1	Acetone	1.6	U	9.3	1.6
71-43-2	Benzene	0.14	U	0.93	0.14
74-97-5	Bromochloromethane	0.10	U	0.93	0.10
75-27-4	Bromodichloromethane	0.30	U	0.93	0.30
75-25-2	Bromoform	0.16	U	0.93	0.16
74-83-9	Bromomethane	0.40	U	0.93	0.40
75-15-0	Carbon disulfide	0.14	U	0.93	0.14
56-23-5	Carbon tetrachloride	0.14	U	0.93	0.14
108-90-7	Chlorobenzene	0.17	U	0.93	0.17
75-00-3	Chloroethane	0.31	U	0.93	0.31
67-66-3	Chloroform	0.22	U	0.93	0.22
74-87-3	Chloromethane	0.15	U	0.93	0.15
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.93	0.10
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.93	0.13
110-82-7	Cyclohexane	0.12	U	0.93	0.12
124-48-1	Dibromochloromethane	0.093	U	0.93	0.093
75-71-8	Dichlorodifluoromethane	0.20	U	0.93	0.20
100-41-4	Ethylbenzene	0.16	U	0.93	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD | Lab Sample ID: 460-52450-30

Matrix: Solid | Lab File ID: d30844.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:35

Sample wt/vol: 5.68(g) | Date Analyzed: 03/23/2013 12:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.10	U	0.93	0.10
98-82-8	Isopropylbenzene	0.10	U	0.93	0.10
79-20-9	Methyl acetate	0.30	U	0.93	0.30
108-87-2	Methylcyclohexane	0.093	U	0.93	0.093
75-09-2	Methylene Chloride	0.86	J B	0.93	0.14
1634-04-4	MTBE	0.10	U	0.93	0.10
100-42-5	Styrene	0.26	U	0.93	0.26
127-18-4	Tetrachloroethene	0.11	U	0.93	0.11
108-88-3	Toluene	0.13	U	0.93	0.13
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.93	0.12
10061-02-6	trans-1,3-Dichloropropene	0.093	U	0.93	0.093
79-01-6	Trichloroethene	0.11	U	0.93	0.11
75-69-4	Trichlorofluoromethane	0.15	U	0.93	0.15
75-01-4	Vinyl chloride	0.32	U	0.93	0.32
1330-20-7	Xylenes, Total	0.62	U	2.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD Lab Sample ID: 460-52450-30

Matrix: Solid Lab File ID: d30844.d

Analysis Method: 8260B Date Collected: 03/14/2013 15:35

Sample wt/vol: 5.68(g) Date Analyzed: 03/23/2013 12:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 130.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	10.75	8.2	J
	Unknown Alkane-1	10.87	11	J
	Unknown Alkane-2	11.27	10	J
	Unknown Alkane-3	11.41	8.7	J
	Unknown Alkane-4	12.00	16	J
	Unknown Alkane-5	12.13	20	J
	Unknown	12.42	15	J
	Unknown Alkane-6	12.71	17	J
	Unknown-1	12.96	8.4	J
	Unknown Alkane-7	13.02	16	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30844.d
Report Date: 25-Mar-2013 20:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30844.d
Lab Smp Id: 460-52450-D-30-A Client Smp ID: PMP-13-NE-VD
Inj Date : 23-MAR-2013 12:00
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-30-A;;;5.68;5
Misc Info : 460-52450-D-30-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.68000	Weight of sample extracted (g)
M	5.06108	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	2.452	2.469	(0.539)	3007	0.92752	0.86(aM)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.943)	87353	49.8239	46
* 69 Fluorobenzene	96	4.545	4.545	(1.000)	421776	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	348714	48.9416	45
* 32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	278404	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	161083	48.6889	45
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	159971	50.0000	

QC Flag Legend

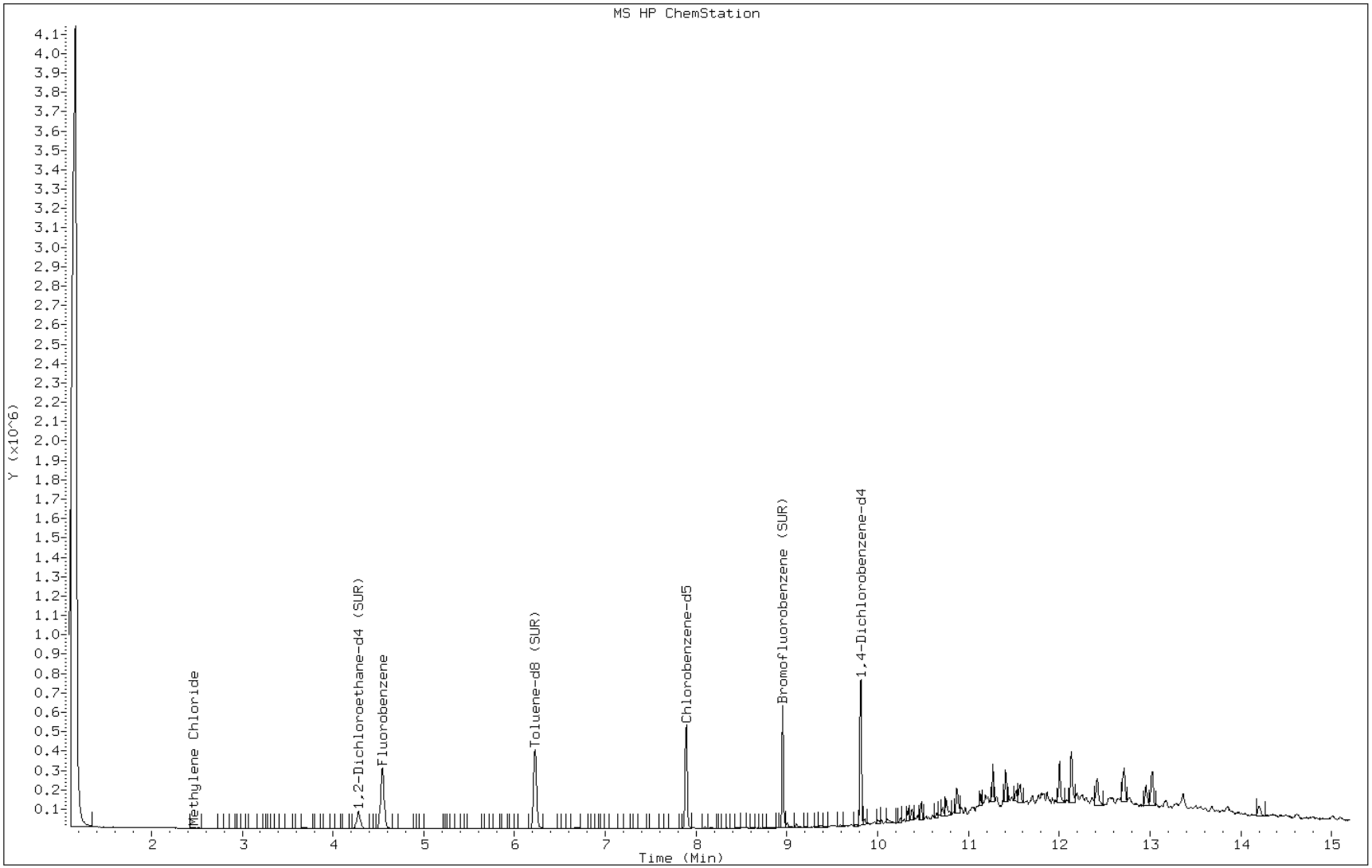
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: d30844.d

Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9



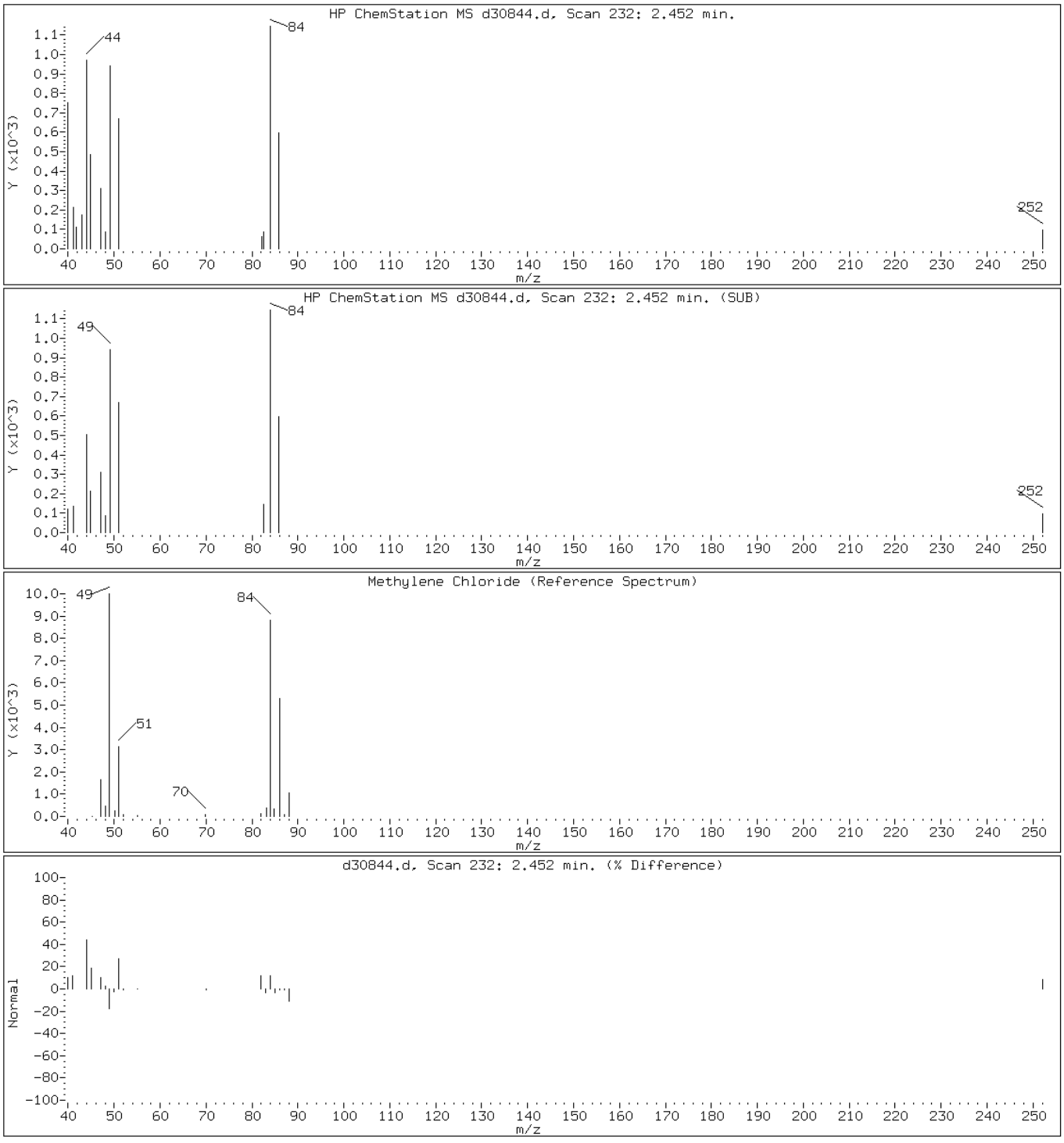
Data File: d30844.d

Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

6 Methylene Chloride



Manual Integration Report

Data File: d30844.d
Inj. Date and Time: 23-MAR-2013 12:00
Instrument ID: VOAMS4.i
Client ID: PMP-13-NE-VD
Compound: 6 Methylene Chloride
CAS #: 75-09-2
Report Date: 03/25/2013

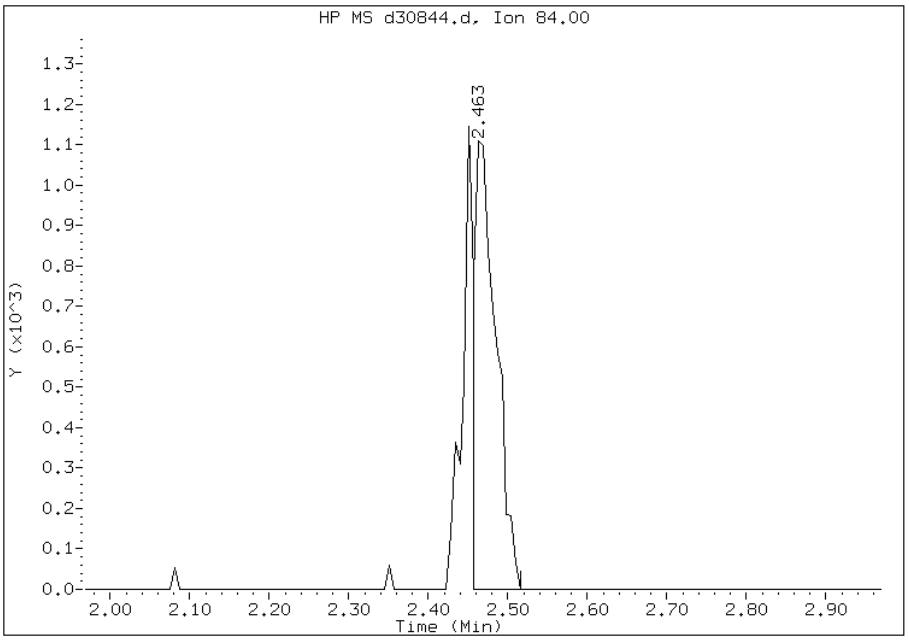
Processing Integration Results

RT: 2.46

Response: 2137

Amount: 1

Conc: 1



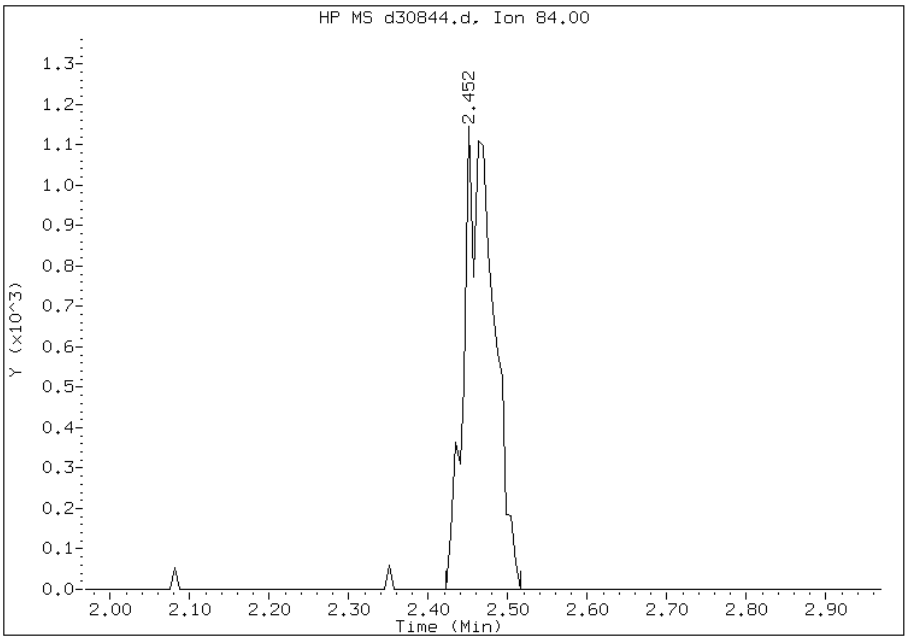
Manual Integration Results

RT: 2.45

Response: 3007

Amount: 1

Conc: 1



Manually Integrated By: maryb
Manual Integration Reason: Split Peak

Data File: d30844.d

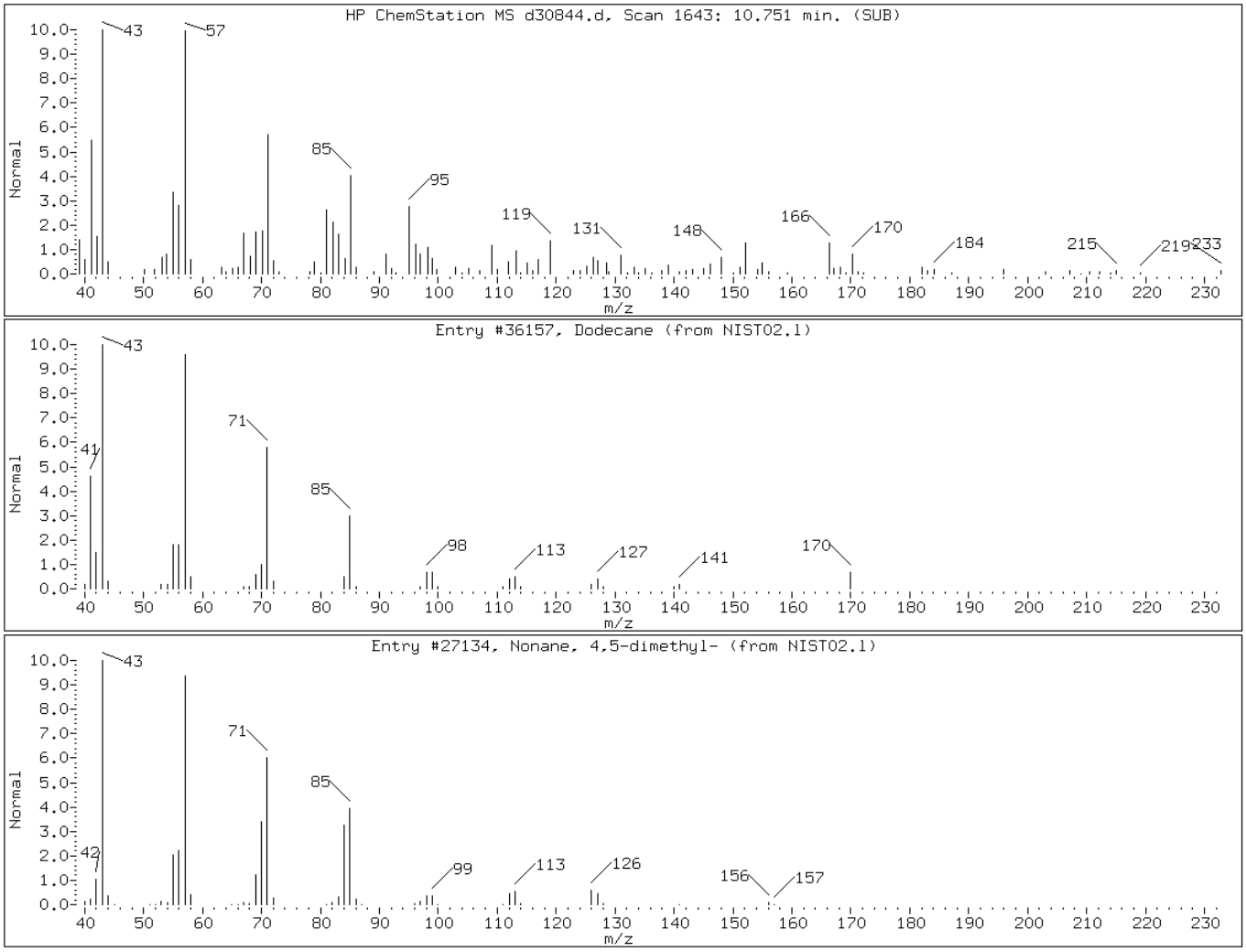
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 10.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane	112-40-3	NIST02.l	36157	90	C12H26	170
Nonane, 4,5-dimethyl-	17302-23-7	NIST02.l	27134	55	C11H24	156



Data File: d30844.d

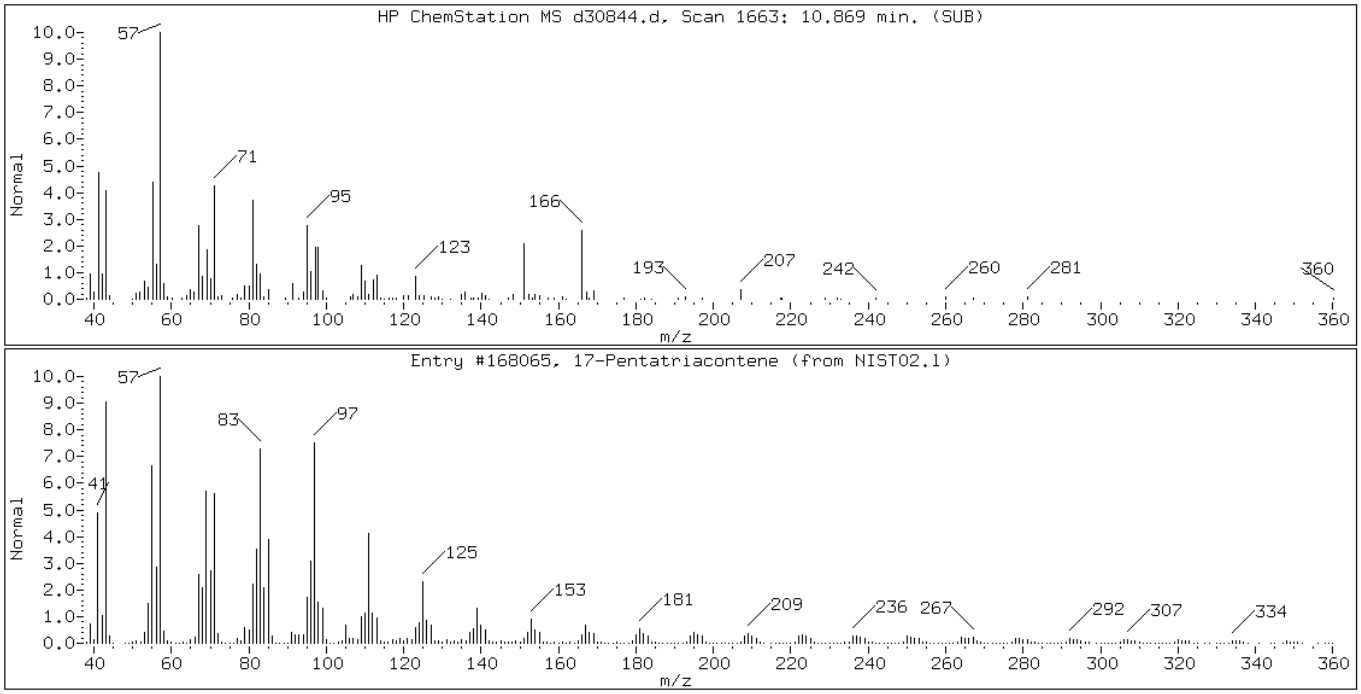
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 10.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
17-Pentatriacontene	6971-40-0	NIST02.l	168065	32	C35H70	491



Data File: d30844.d

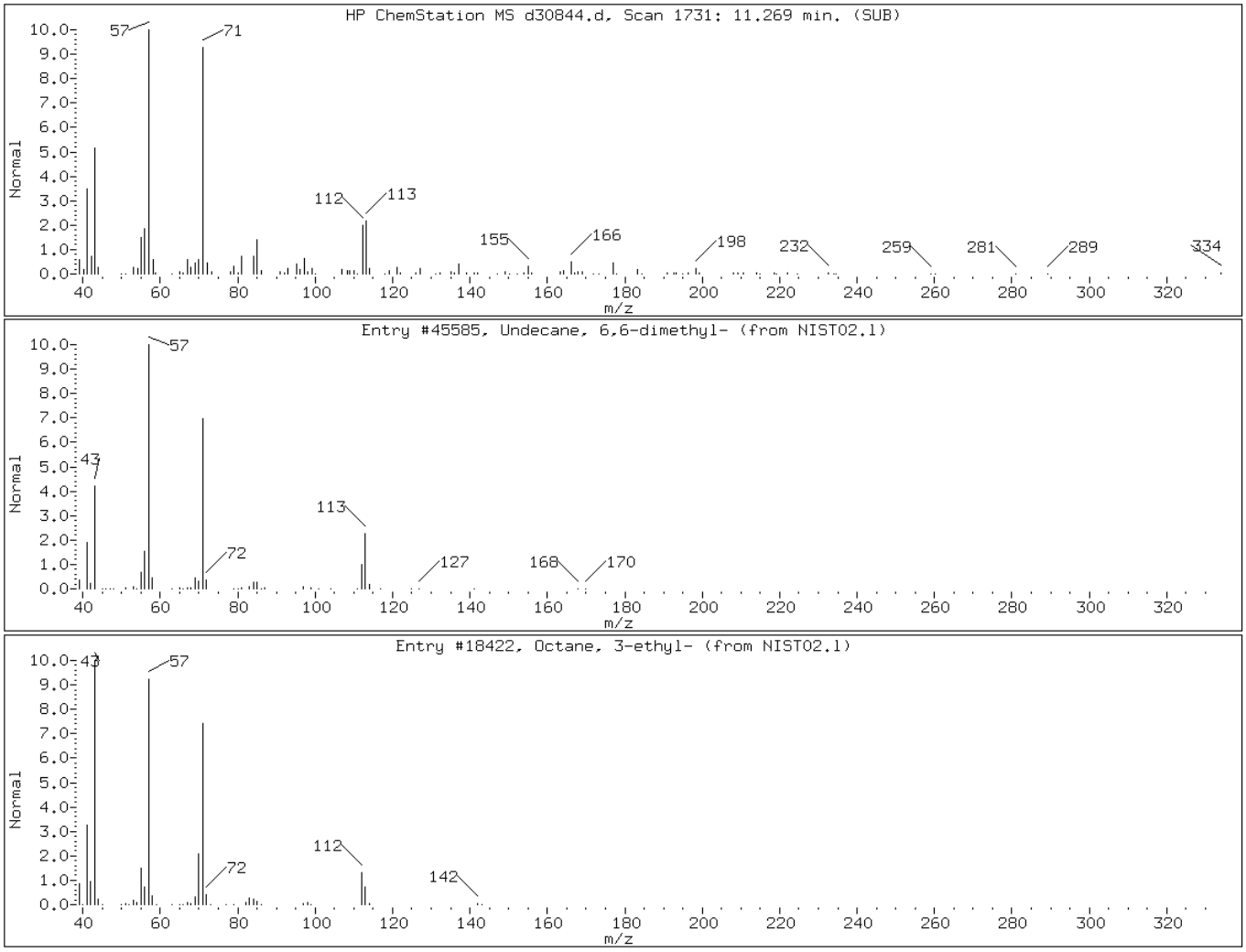
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 11.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 6,6-dimethyl-	17312-76-4	NIST02.l	45585	64	C13H28	184
Octane, 3-ethyl-	5881-17-4	NIST02.l	18422	59	C10H22	142



Data File: d30844.d

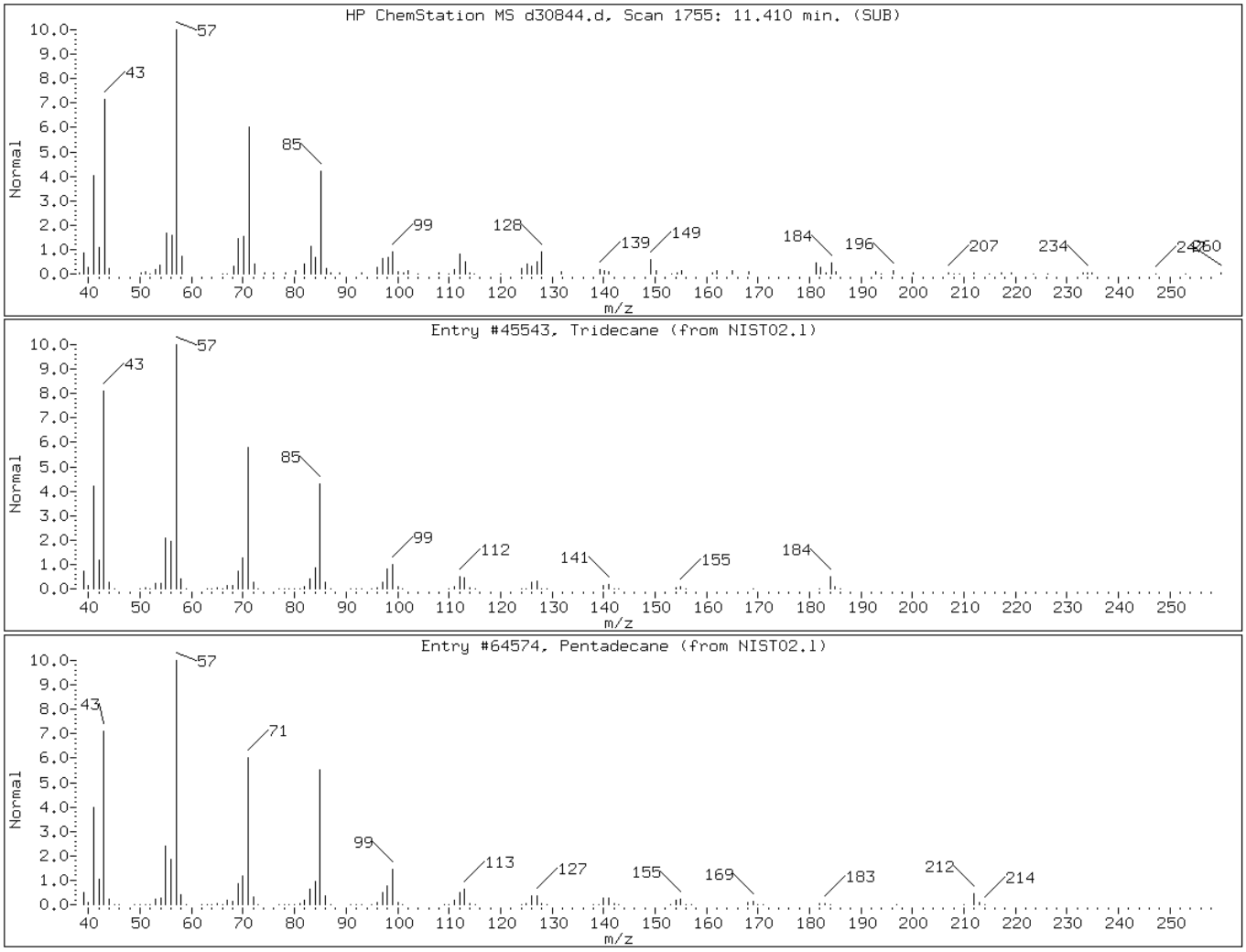
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 11.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tridecane	629-50-5	NIST02.l	45543	96	C13H28	184
Pentadecane	629-62-9	NIST02.l	64574	93	C15H32	212



Data File: d30844.d

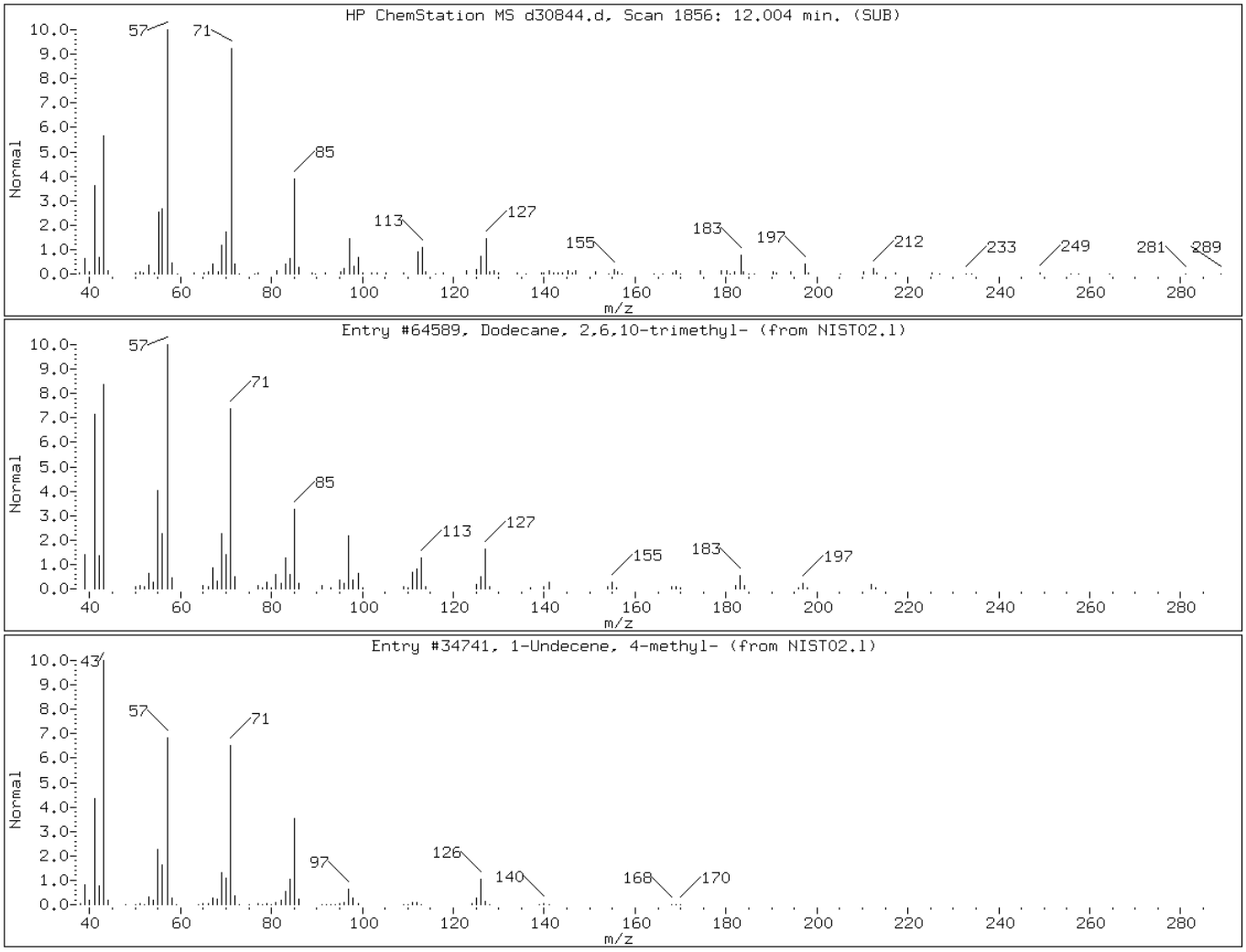
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 12.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64589	93	C15H32	212
1-Undecene, 4-methyl-	74630-39-0	NIST02.l	34741	72	C12H24	168



Data File: d30844.d

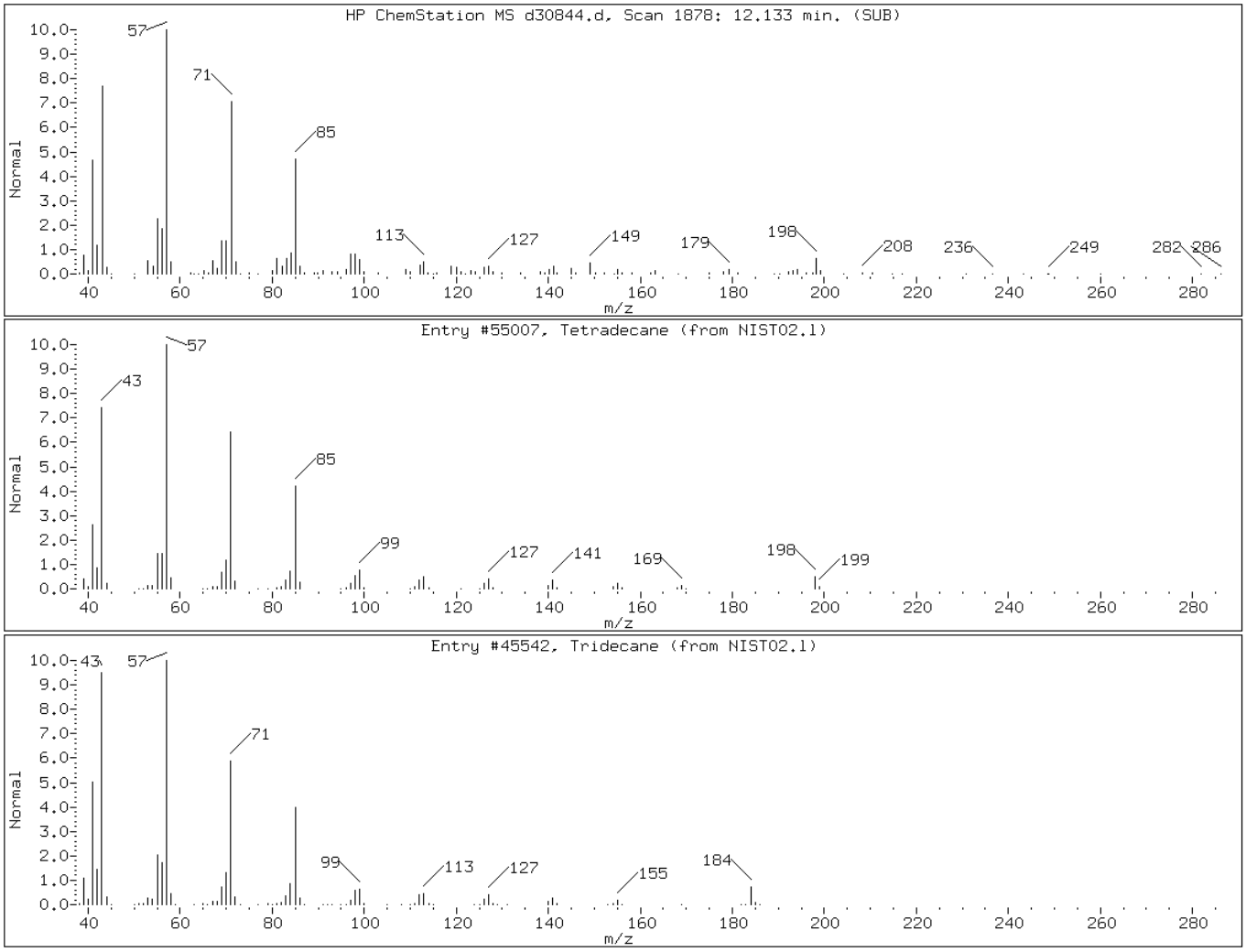
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 12.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tetradecane	629-59-4	NIST02.l	55007	95	C14H30	198
Tridecane	629-50-5	NIST02.l	45542	86	C13H28	184



Data File: d30844.d

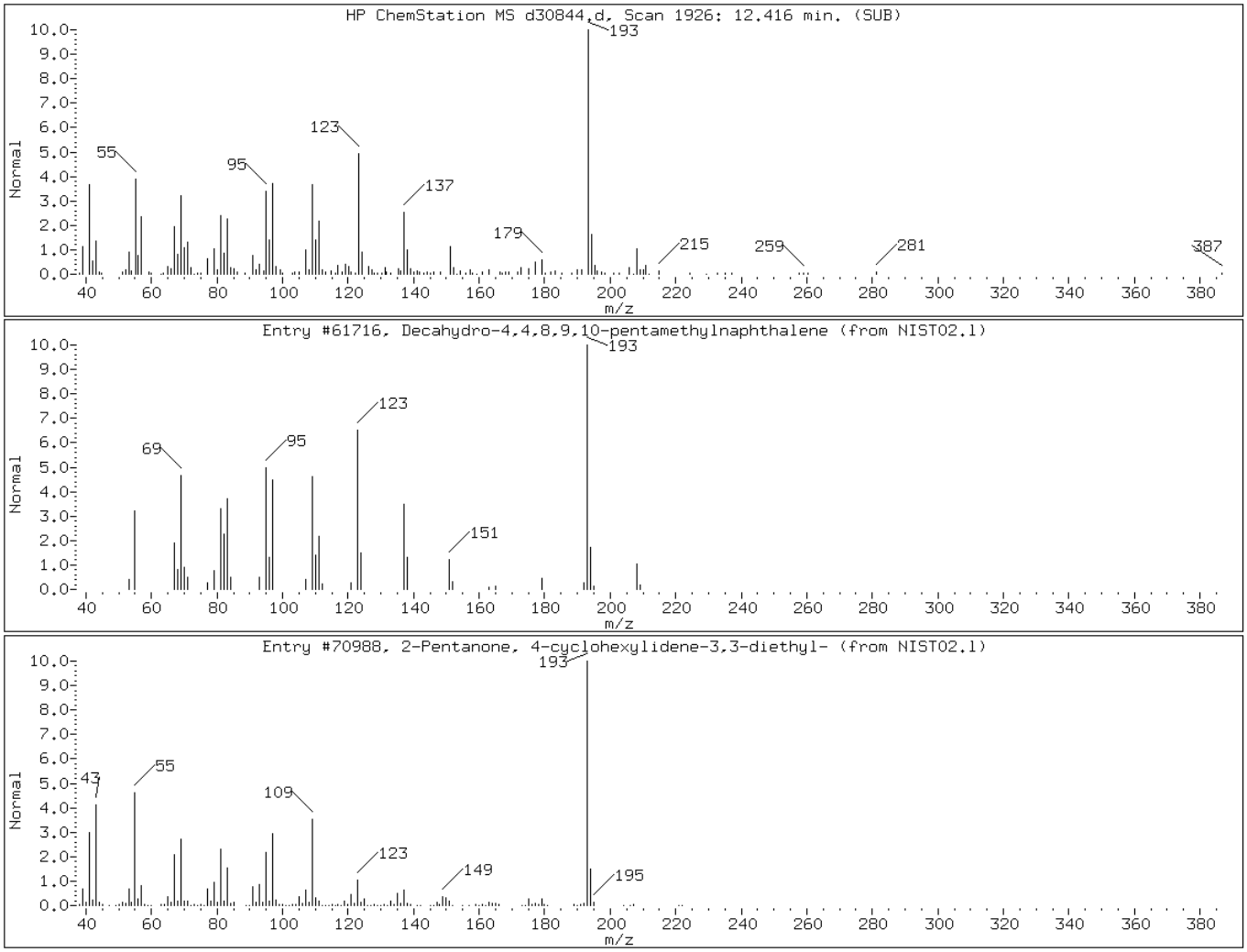
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 12.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	93	C15H28	208
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	47	C15H26O	222



Data File: d30844.d

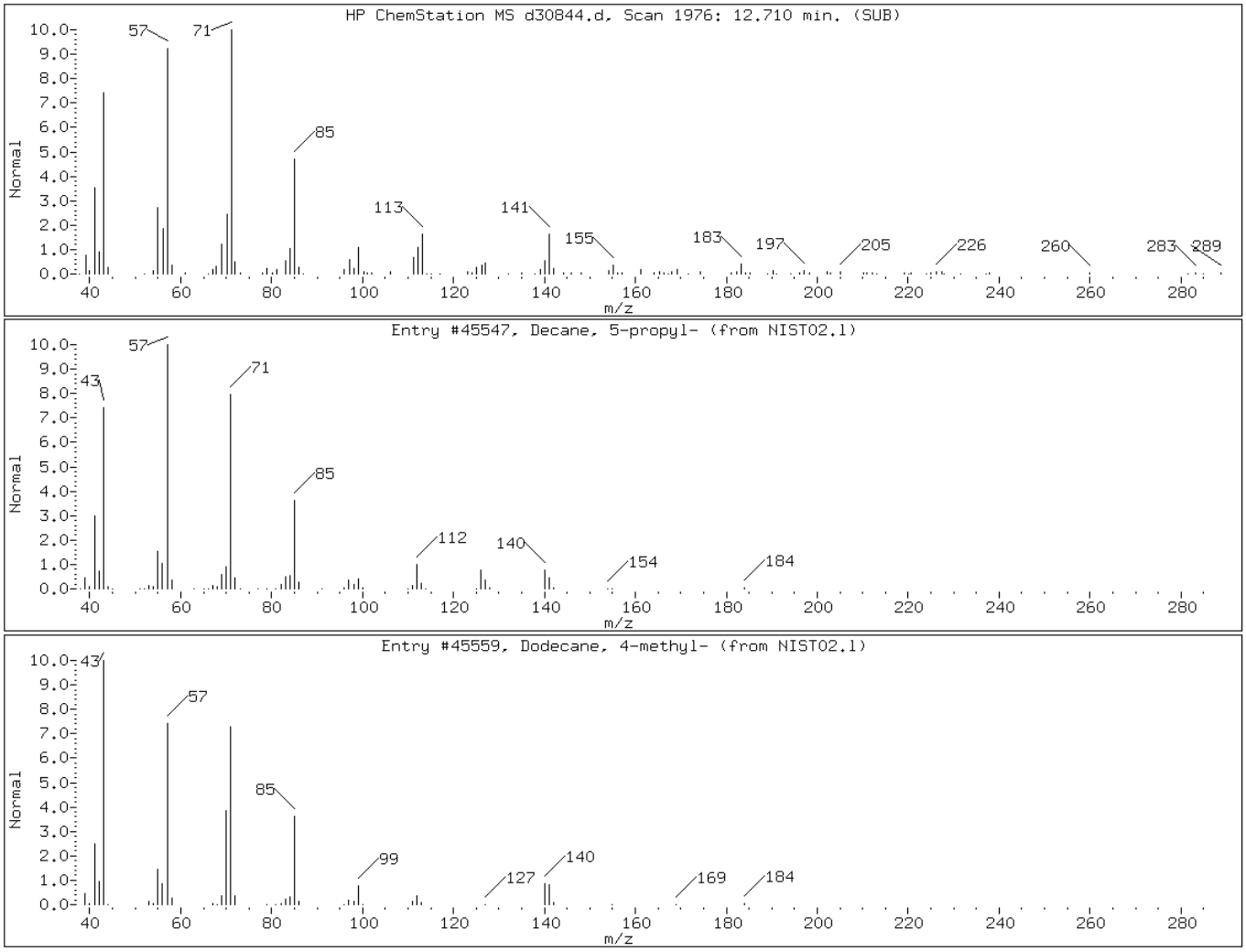
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 12.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	81	C13H28	184
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	72	C13H28	184



Data File: d30844.d

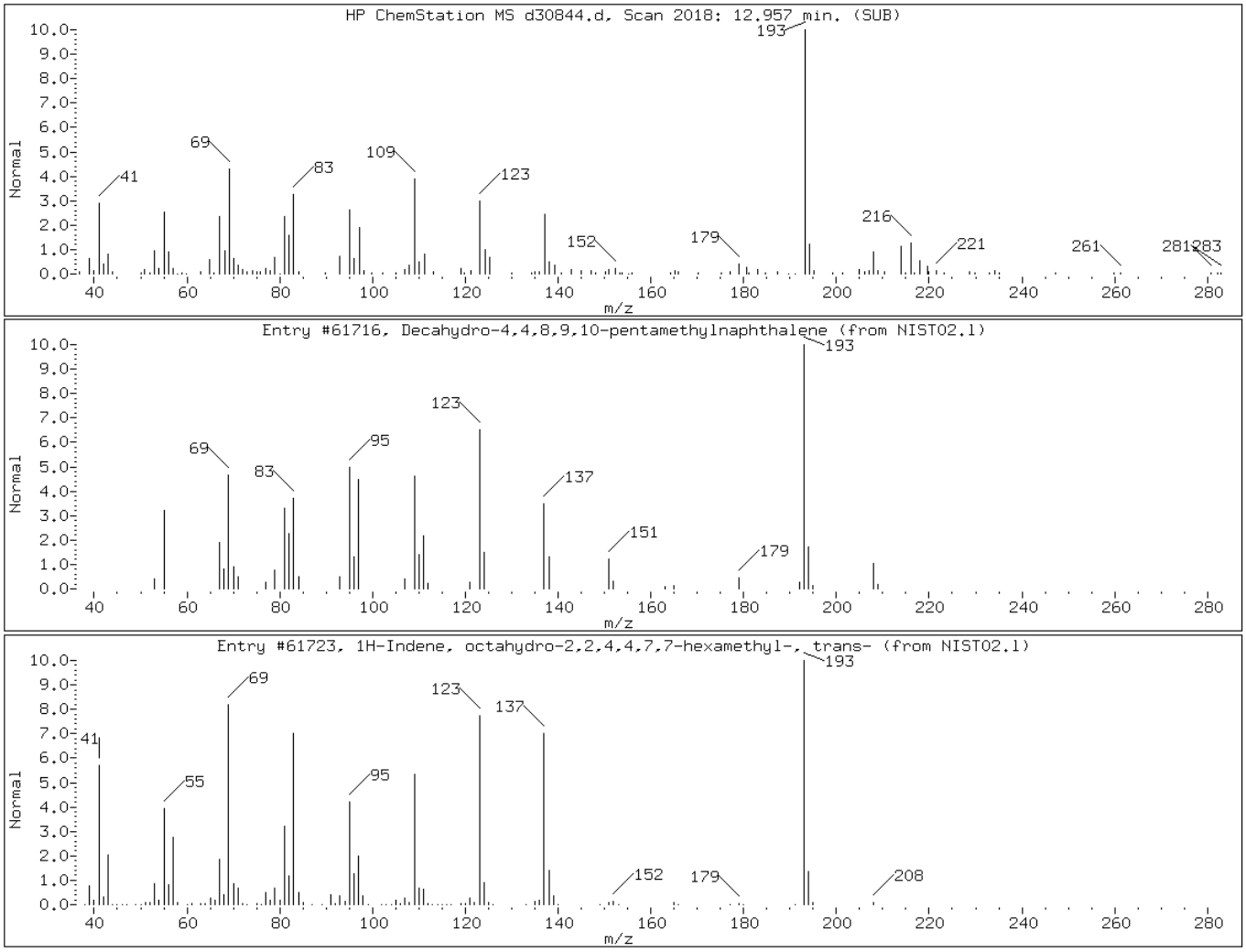
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 12.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	86	C15H28	208
1H-Indene, octahydro-2,2,4,4,7,7-h	54832-83-6	NIST02.l	61723	40	C15H28	208



Data File: d30844.d

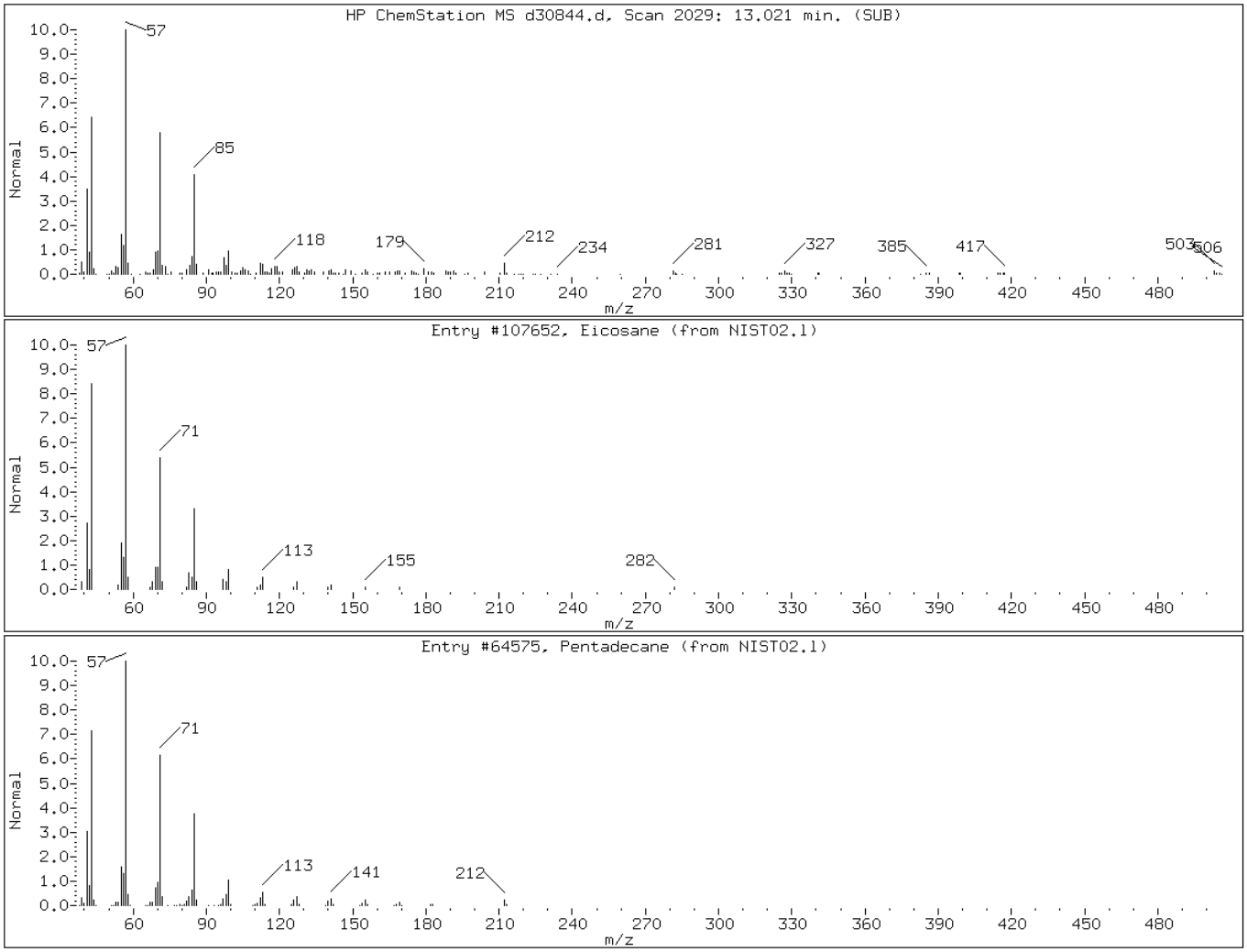
Date: 23-MAR-2013 12:00

Client ID: PMP-13-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-30-A;;;5.68;5 Operator: VOAMS 9

Retention Time: 13.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Eicosane	112-95-8	NIST02.l	107652	93	C20H42	282
Pentadecane	629-62-9	NIST02.l	64575	93	C15H32	212



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT | Lab Sample ID: 460-52450-31

Matrix: Solid | Lab File ID: b53504.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:40

Sample wt/vol: 5.08(g) | Date Analyzed: 03/19/2013 14:37

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.8 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	3.4	U	55	3.4
79-34-5	1,1,2,2-Tetrachloroethane	8.7	U	55	8.7
79-00-5	1,1,2-Trichloroethane	10	U	55	10
75-34-3	1,1-Dichloroethane	7.2	U	55	7.2
75-35-4	1,1-Dichloroethene	4.9	U	55	4.9
87-61-6	1,2,3-Trichlorobenzene	580		55	28
120-82-1	1,2,4-Trichlorobenzene	1800		55	19
96-12-8	1,2-Dibromo-3-Chloropropane	22	U	55	22
106-93-4	1,2-Dibromoethane	15	U	55	15
95-50-1	1,2-Dichlorobenzene	11	U	55	11
107-06-2	1,2-Dichloroethane	10	U	55	10
78-87-5	1,2-Dichloropropane	4.7	U	55	4.7
541-73-1	1,3-Dichlorobenzene	7.5	U	55	7.5
106-46-7	1,4-Dichlorobenzene	19	J	55	13
123-91-1	1,4-Dioxane	2000	U	2800	2000
78-93-3	2-Butanone	130	U	280	130
591-78-6	2-Hexanone	28	U	280	28
108-10-1	4-Methyl-2-pentanone	54	U	280	54
67-64-1	Acetone	150	U	280	150
71-43-2	Benzene	4.6	U	55	4.6
74-97-5	Bromochloromethane	15	U	55	15
75-27-4	Bromodichloromethane	6.9	U	55	6.9
75-25-2	Bromoform	11	U	55	11
74-83-9	Bromomethane	10	U	55	10
75-15-0	Carbon disulfide	6.9	U	55	6.9
56-23-5	Carbon tetrachloride	3.1	U	55	3.1
108-90-7	Chlorobenzene	6.1	U	55	6.1
75-00-3	Chloroethane	9.3	U	55	9.3
67-66-3	Chloroform	9.8	J	55	4.3
74-87-3	Chloromethane	5.3	U	55	5.3
156-59-2	cis-1,2-Dichloroethene	9.8	U	55	9.8
10061-01-5	cis-1,3-Dichloropropene	10	U	55	10
110-82-7	Cyclohexane	8.8	U	55	8.8
124-48-1	Dibromochloromethane	11	U	55	11
75-71-8	Dichlorodifluoromethane	12	U	55	12
100-41-4	Ethylbenzene	5.3	U	55	5.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT | Lab Sample ID: 460-52450-31

Matrix: Solid | Lab File ID: b53504.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:40

Sample wt/vol: 5.08(g) | Date Analyzed: 03/19/2013 14:37

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.8 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	4.5	U	55	4.5
98-82-8	Isopropylbenzene	4.2	U	55	4.2
79-20-9	Methyl acetate	19	U	110	19
108-87-2	Methylcyclohexane	50	J	55	7.5
75-09-2	Methylene Chloride	10	U	55	10
1634-04-4	MTBE	7.6	U	55	7.6
100-42-5	Styrene	6.5	U	55	6.5
127-18-4	Tetrachloroethene	19	J	55	5.4
108-88-3	Toluene	8.2	U	55	8.2
156-60-5	trans-1,2-Dichloroethene	7.1	U	55	7.1
10061-02-6	trans-1,3-Dichloropropene	13	U	55	13
79-01-6	Trichloroethene	5.1	U	55	5.1
75-69-4	Trichlorofluoromethane	8.1	U	55	8.1
75-01-4	Vinyl chloride	8.0	U	55	8.0
1330-20-7	Xylenes, Total	52	J	170	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		75-135
2037-26-5	Toluene-d8 (Surr)	70		59-150
460-00-4	Bromofluorobenzene	80		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT Lab Sample ID: 460-52450-31

Matrix: Solid Lab File ID: b53504.d

Analysis Method: 8260B Date Collected: 03/14/2013 15:40

Sample wt/vol: 5.08(g) Date Analyzed: 03/19/2013 14:37

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.8 Level: (low/med) Medium

Analysis Batch No.: 151692 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 79600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.48	6300	J N
	Decahydromethylnaphthalene isomer	11.56	10000	J
	Decahydromethylnaphthalene isomer-1	11.73	11000	J
	C11H16 Aromatic	11.78	5100	J
	Unknown Aromatic/Unknown	12.05	11000	J
	Unknown	12.15	13000	J
	Unknown Alkane	12.51	6300	J
	Unknown Alkane-1	12.73	6800	J
	Unknown Alkane-3	13.63	4900	J
	Unknown Alkane-4	14.74	5200	J

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53504.d
Report Date: 24-Mar-2013 14:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53504.d
Lab Smp Id: 460-52450-B-31-A Client Smp ID: PMP-13-NE-WT
Inj Date : 19-MAR-2013 14:37
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-31-A;50;;5.08;5
Misc Info : 460-52450-B-31-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/8260_09.m
Meth Date : 20-Mar-2013 12:52 delpolit Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 26
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	5.00000	Volume of final extract (mL)
Ws	5.08000	Weight of sample extracted (g)
M	10.83032	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	42 Chloroform	83	4.328	4.320	(0.827)	1200	0.17709	9.8(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	141280	38.2817	2100
*	52 Fluorobenzene	96	5.233	5.225	(1.000)	622569	50.0000	
	56 Methyl cyclohexane	83	5.801	5.784	(1.109)	4052	0.90331	50(a)
$	65 Toluene-d8 (SUR)	98	7.233	7.225	(0.823)	312385	34.8490	1900
	71 Tetrachloroethene	166	7.883	7.875	(0.897)	1220	0.34617	19(a)
*	78 Chlorobenzene-d5	117	8.788	8.780	(1.000)	441892	50.0000	
	84 o-Xylene	106	9.381	9.381	(1.067)	5711	0.94075	52(a)
$	89 Bromofluorobenzene (SUR)	174	9.875	9.875	(0.912)	129868	40.2277	2200
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	128983	9.81468	540
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	5590	0.52175	29(a)
	101 1,2,4-Trimethylbenzene	105	10.525	10.517	(0.972)	23331	1.74938	96
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	5229	0.27698	15(a)
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	220544	50.0000	

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53504.d
Report Date: 24-Mar-2013 14:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
109 1,4-Dichlorobenzene	146	10.854	10.846	(1.002)	2604	0.33542	18(a)
106 n-Butylbenzene	91	11.076	11.093	(1.023)	147916	8.80887	490
114 1,2,4-Trichlorobenzene	180	12.385	12.385	(1.144)	149505	32.4909	1800
117 1,2,3-Trichlorobenzene	180	12.813	12.813	(1.183)	45357	10.4260	580
M 121 Xylene (Total)	100				5711	0.94075	52(a)

QC Flag Legend

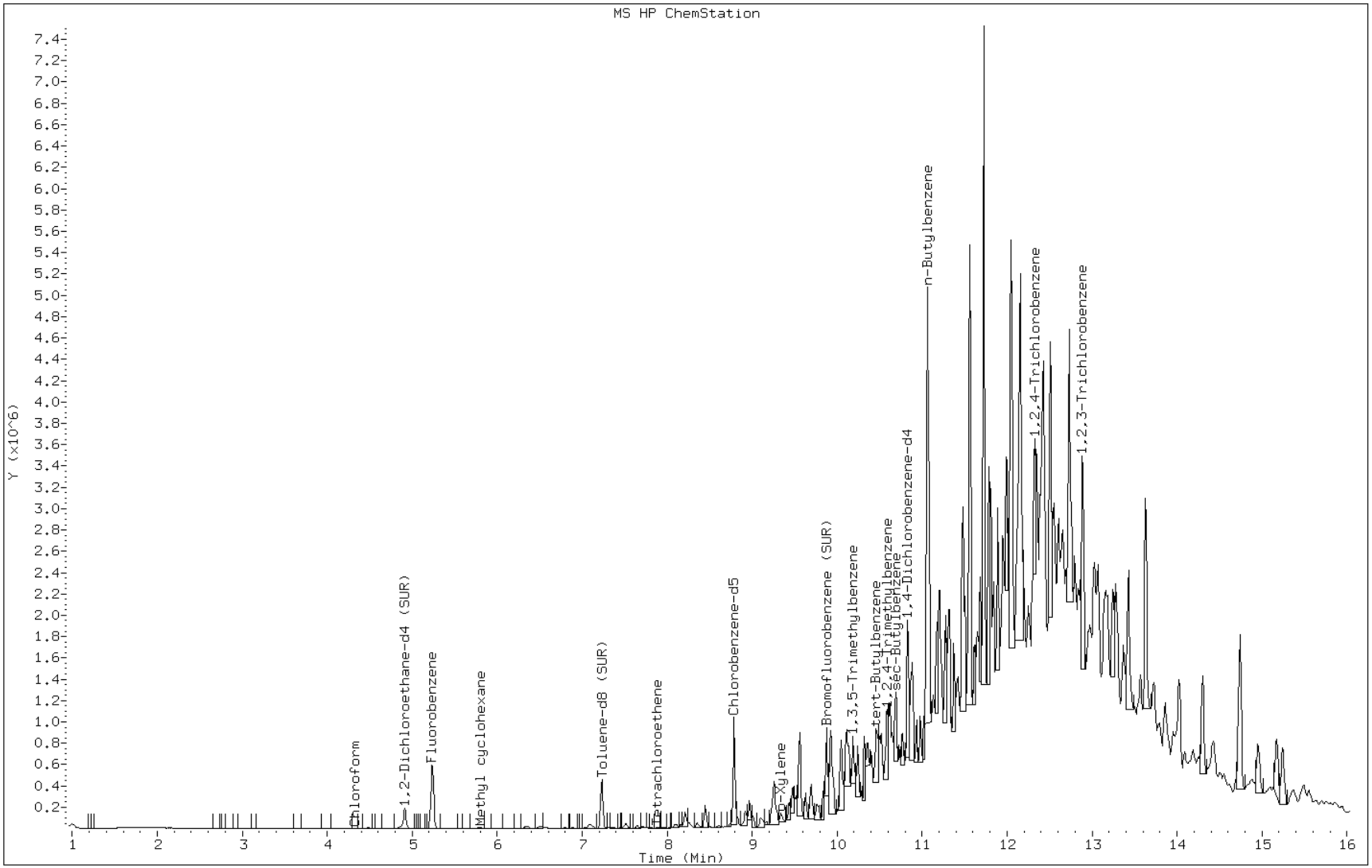
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b53504.d

Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:



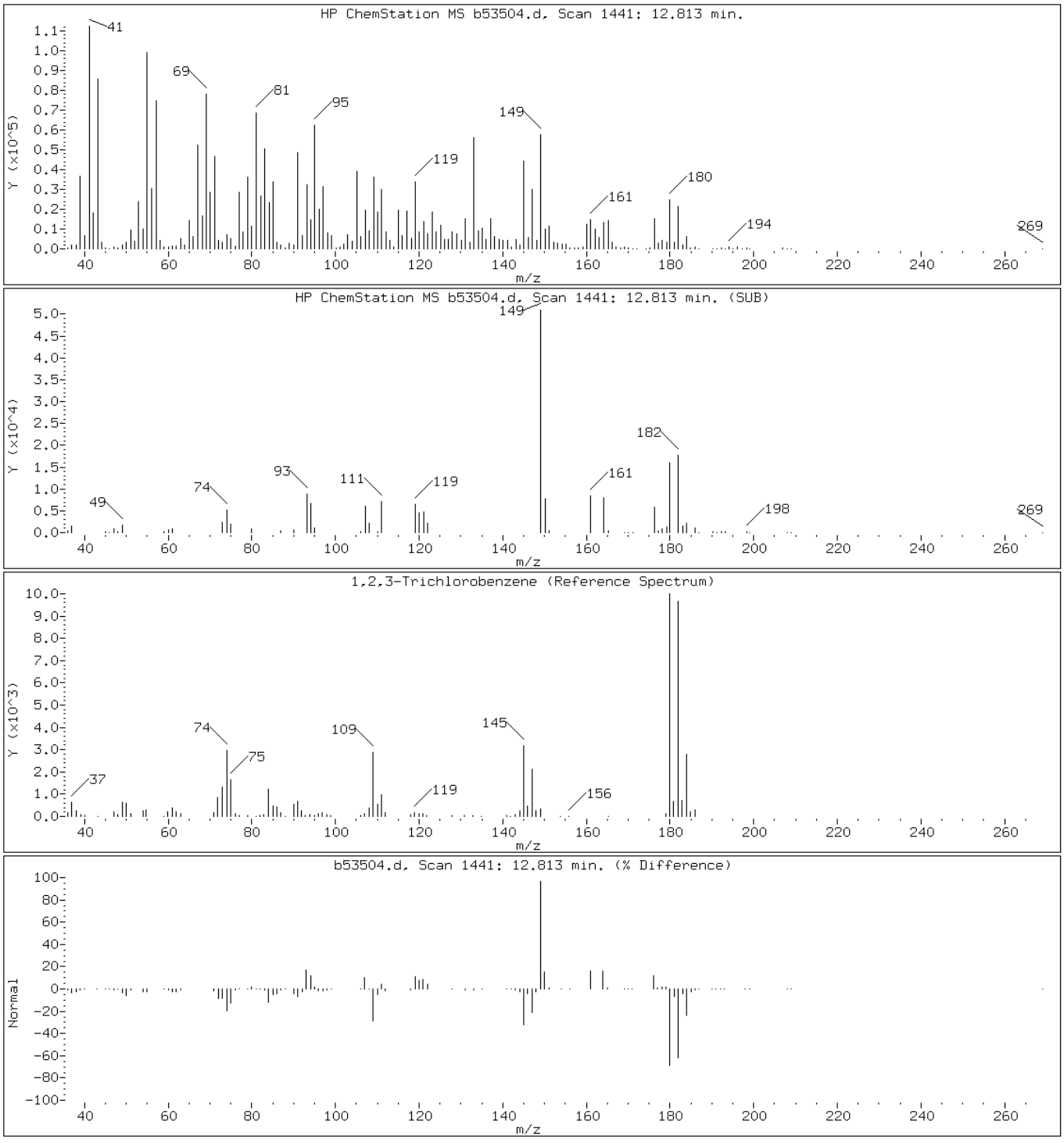
Data File: b53504.d

Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

117 1,2,3-Trichlorobenzene



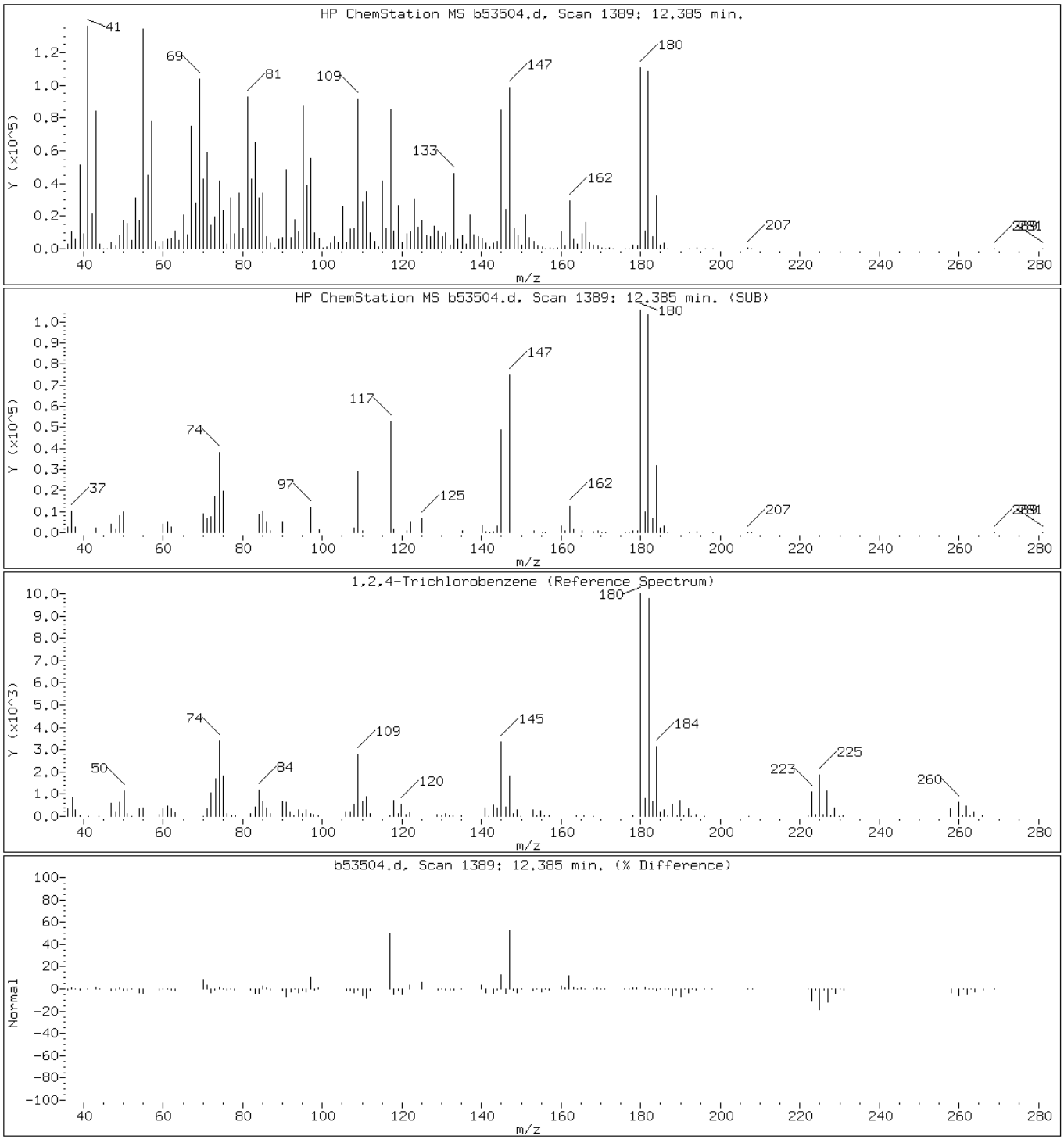
Data File: b53504.d

Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

114 1,2,4-Trichlorobenzene



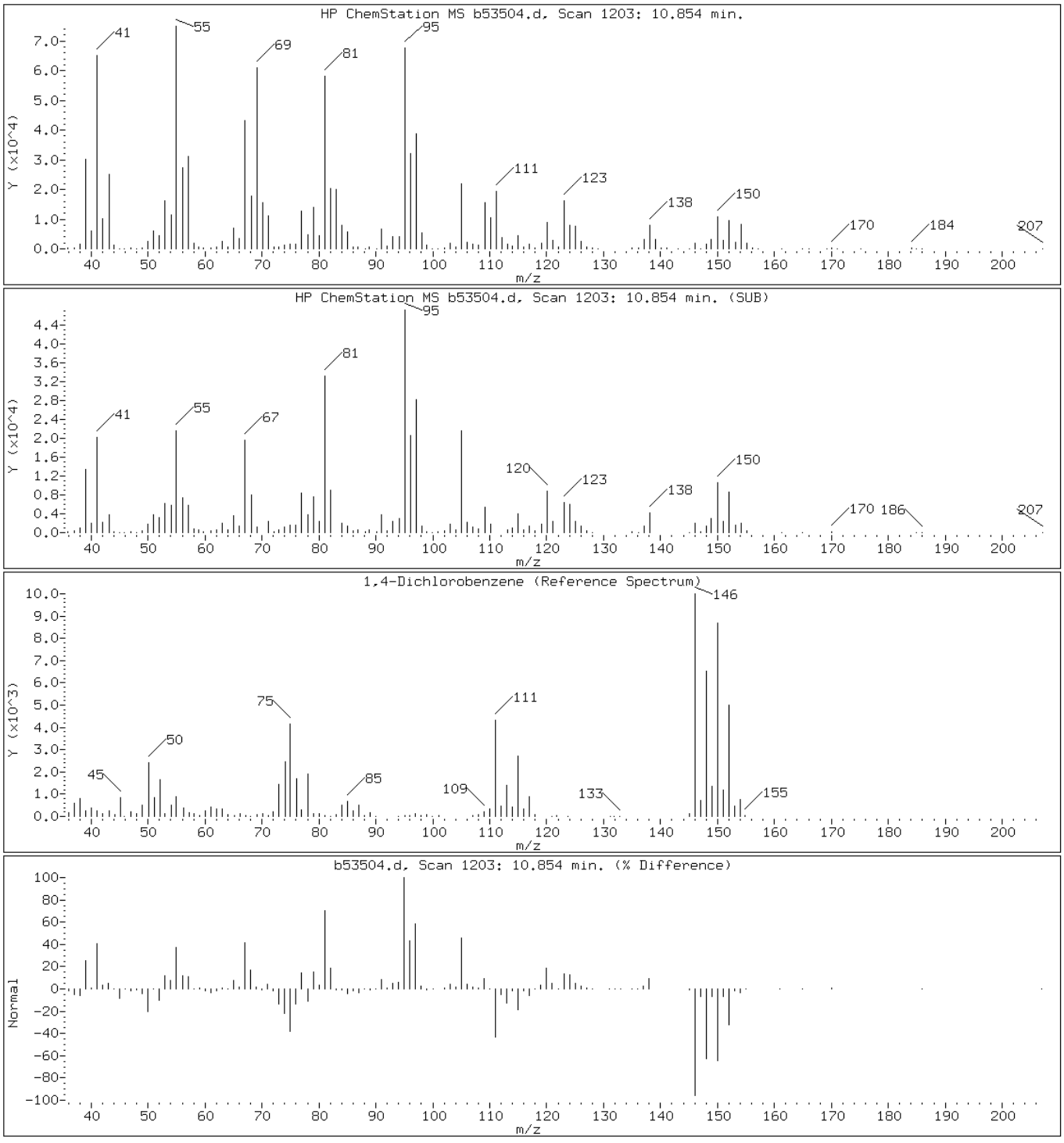
Data File: b53504.d

Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

109 1,4-Dichlorobenzene



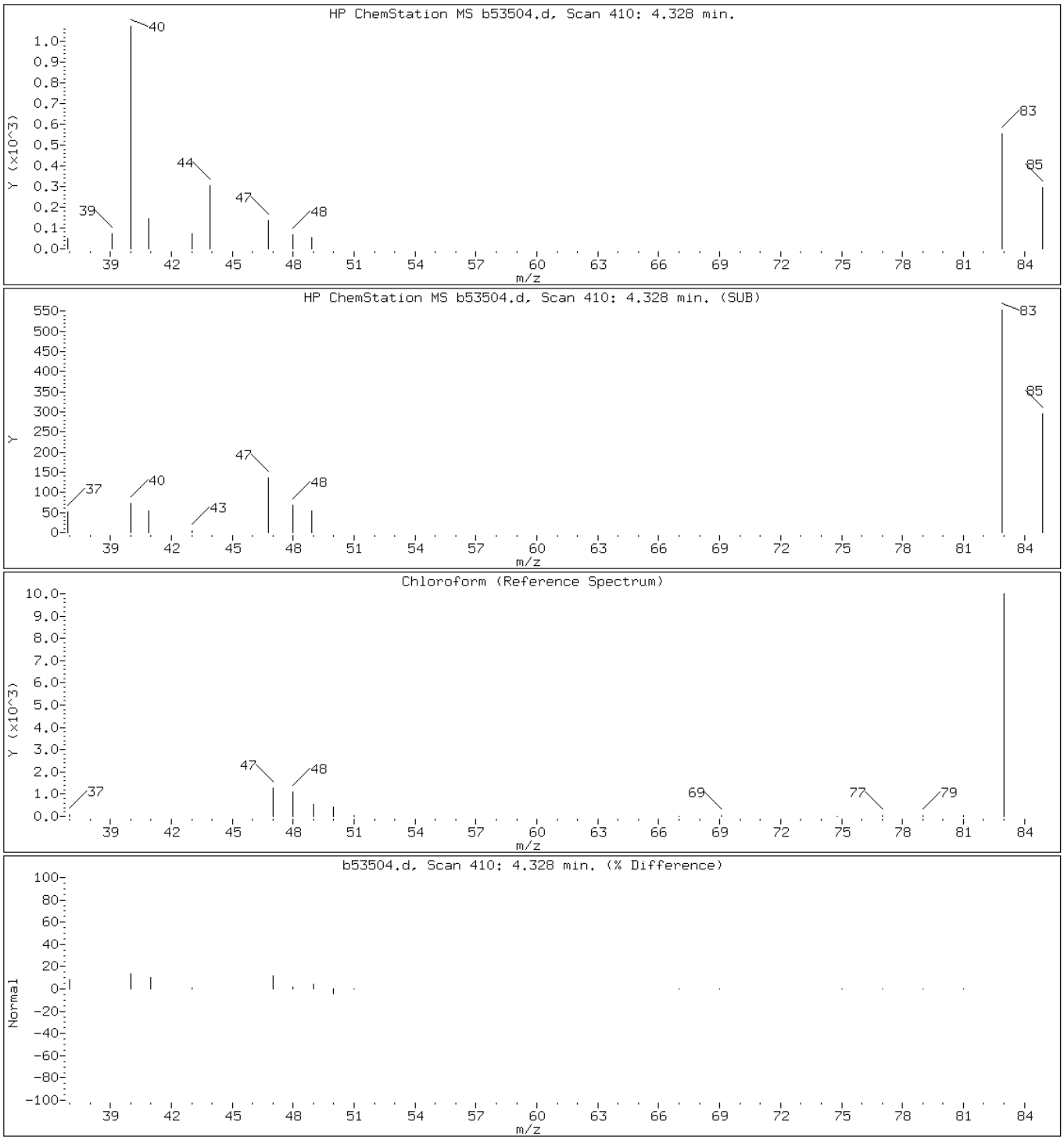
Data File: b53504.d

Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

42 Chloroform



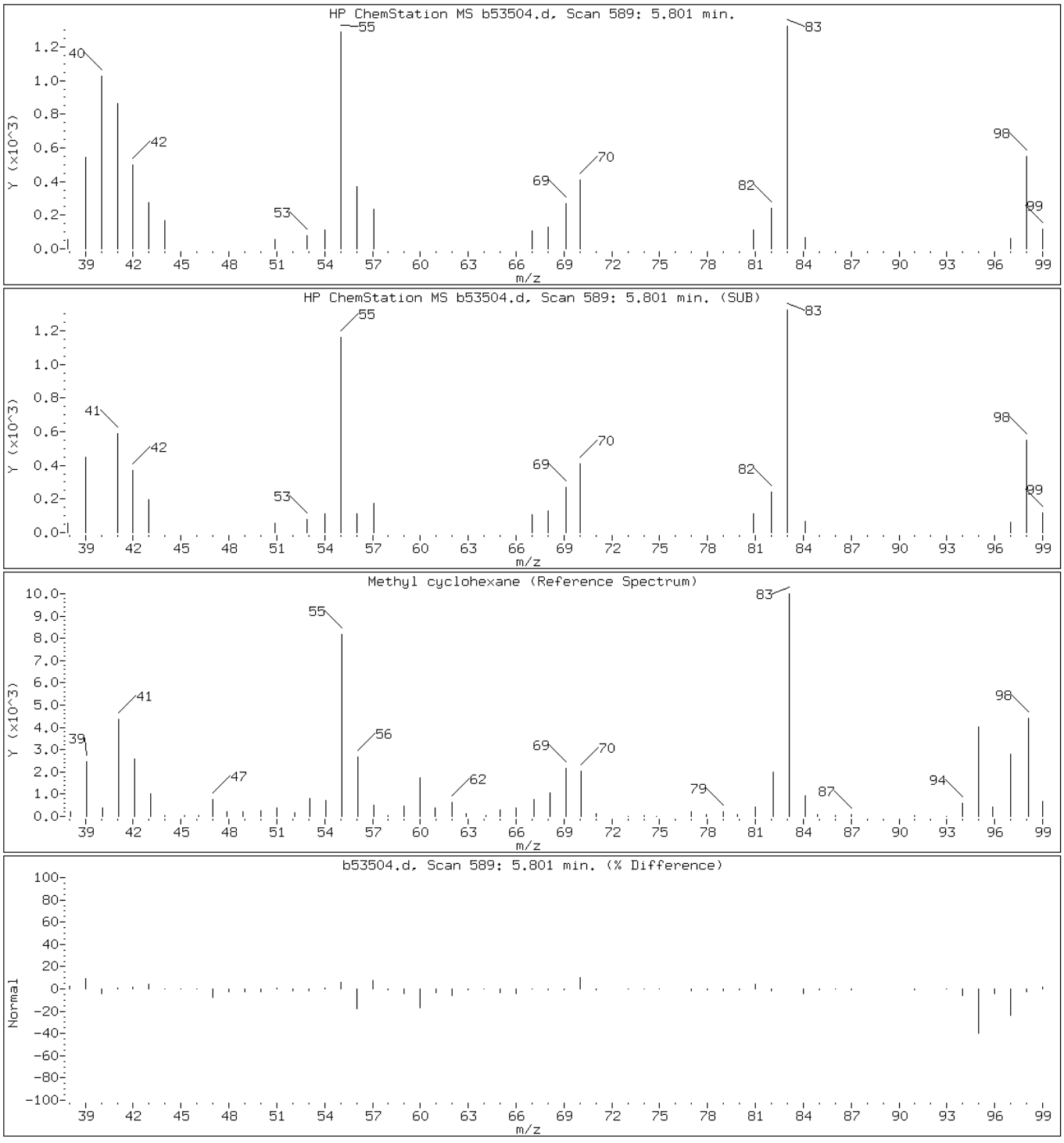
Data File: b53504.d

Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

56 Methyl cyclohexane



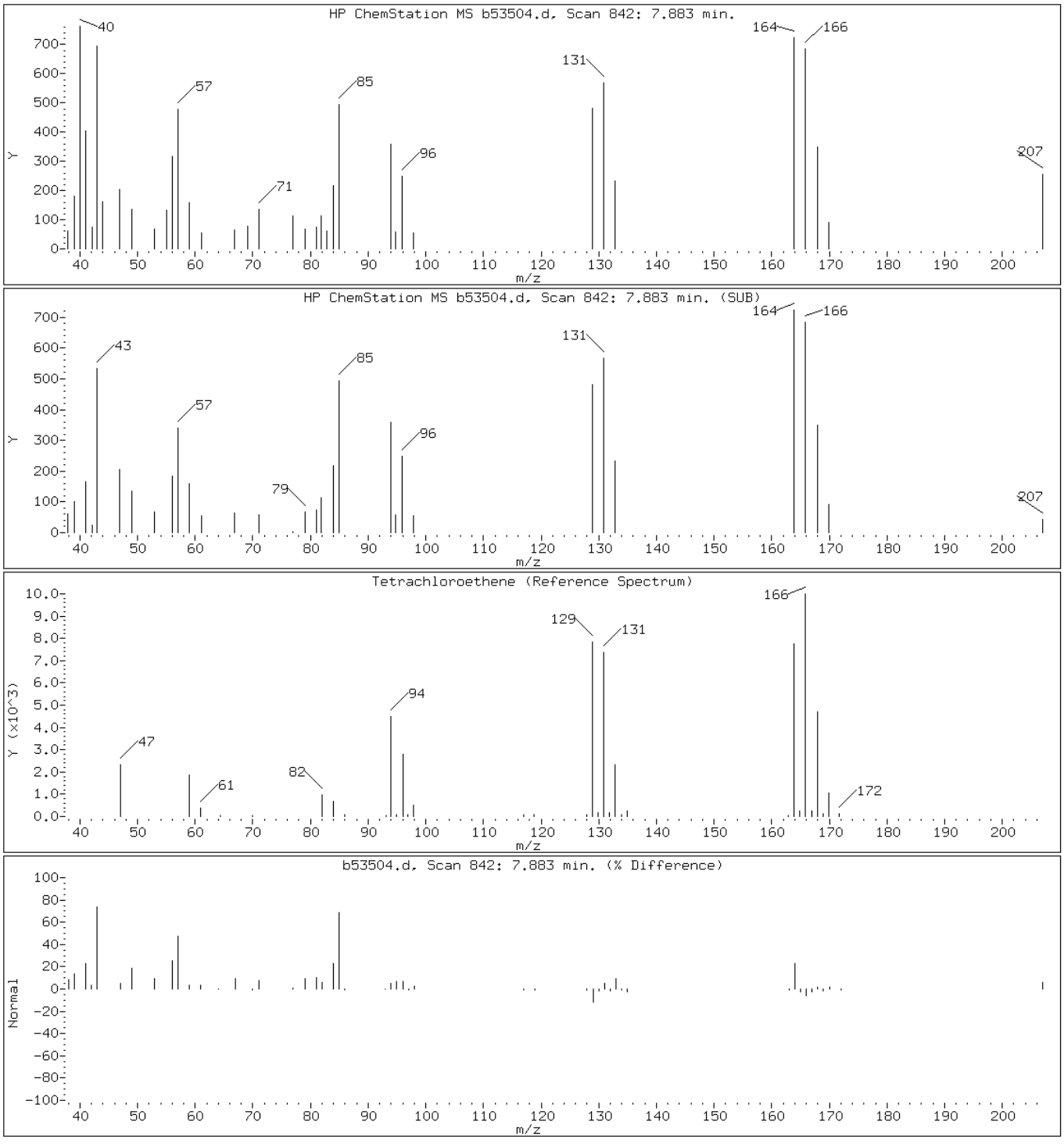
Data File: b53504.d

Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

71 Tetrachloroethene



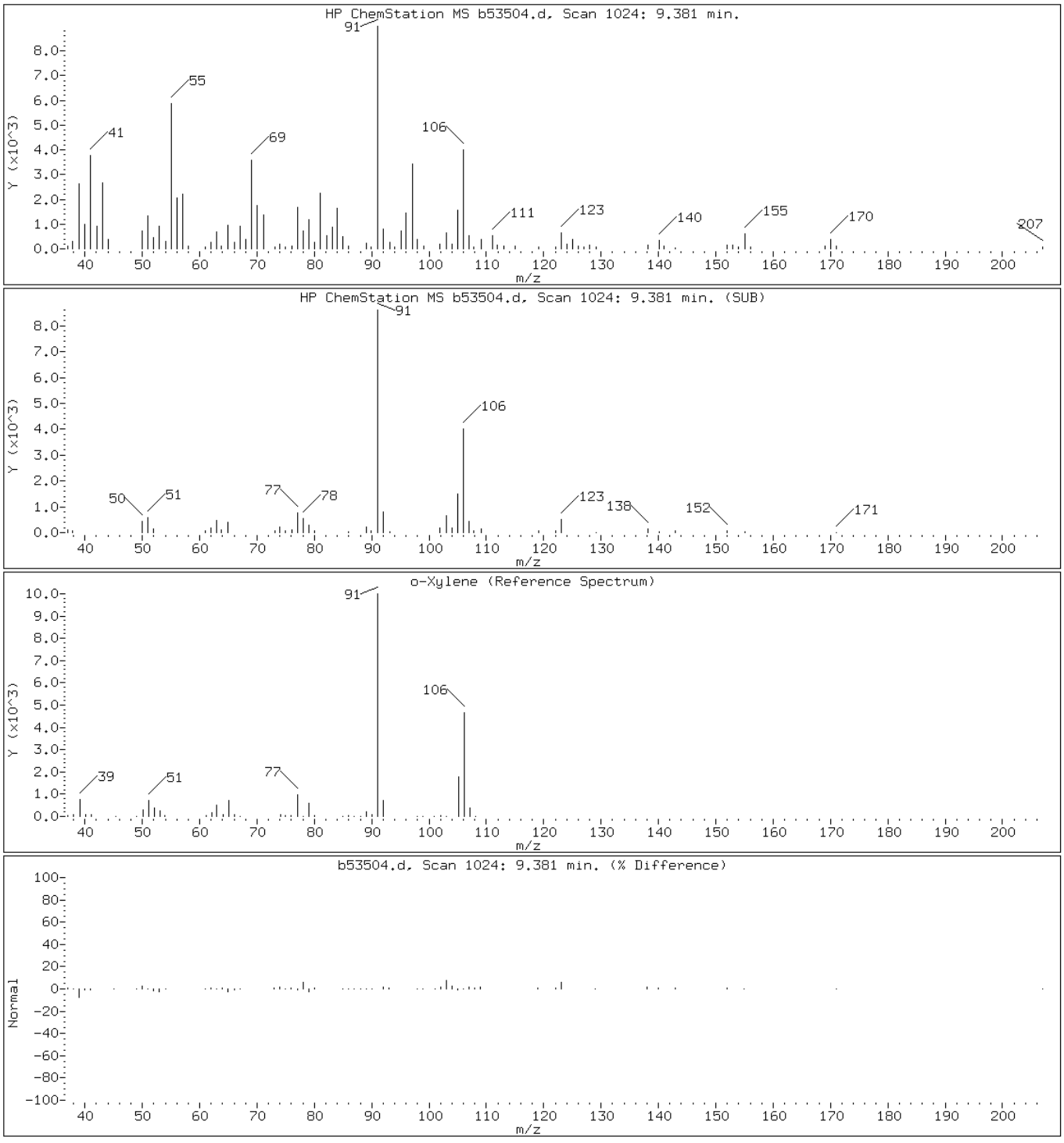
Data File: b53504.d

Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

84 o-Xylene



Data File: b53504.d

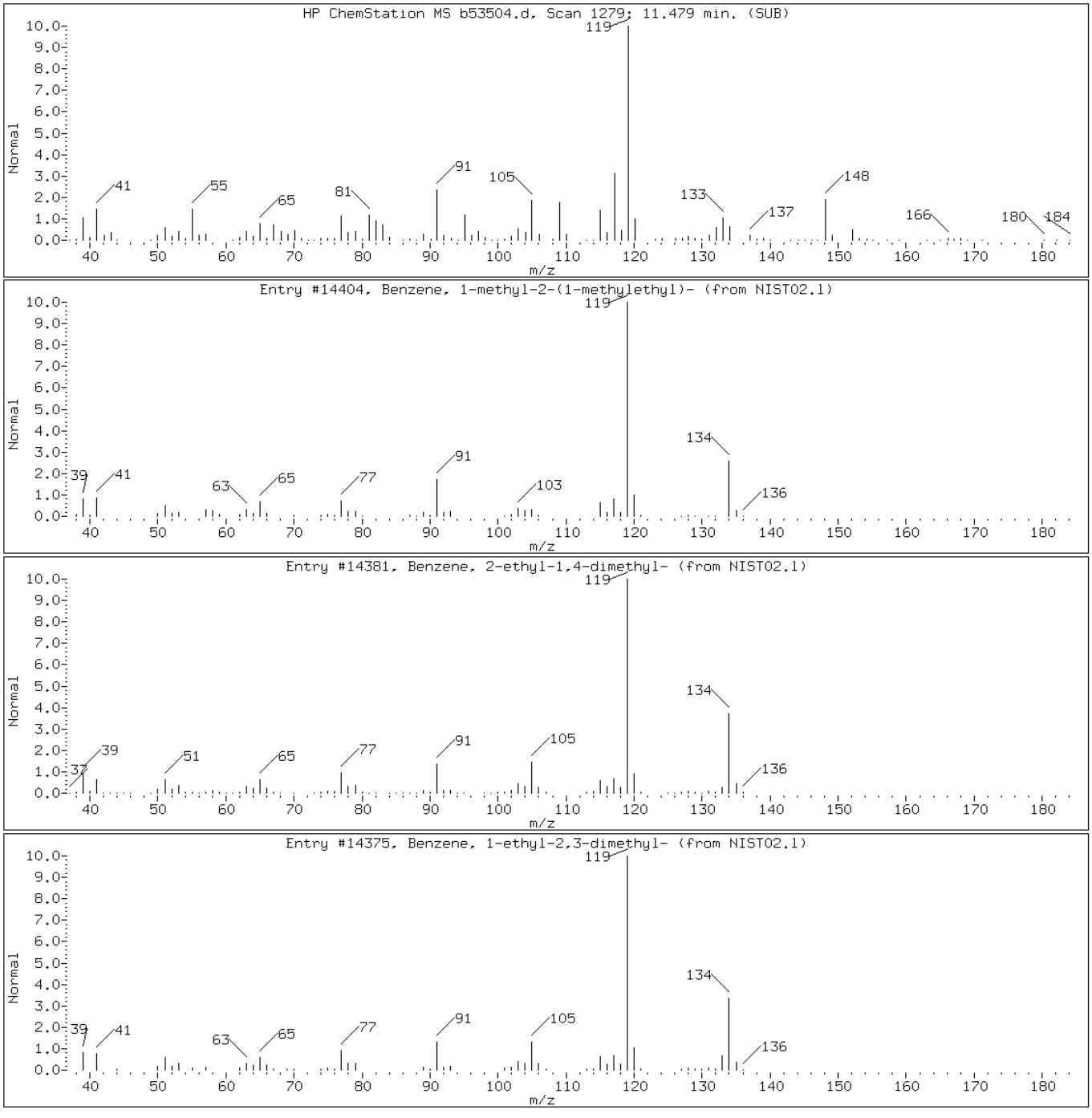
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 11.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	60	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14381	60	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14375	53	C10H14	134



Data File: b53504.d

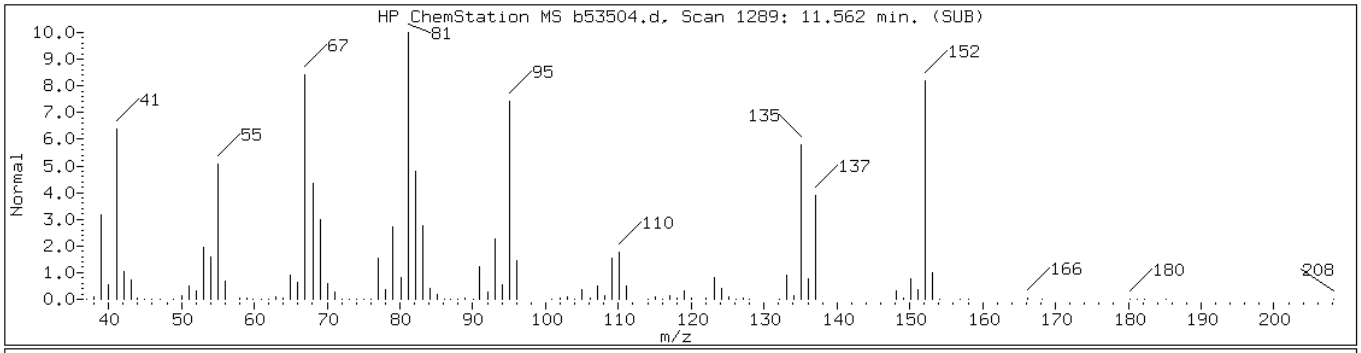
Date: 19-MAR-2013 14:37

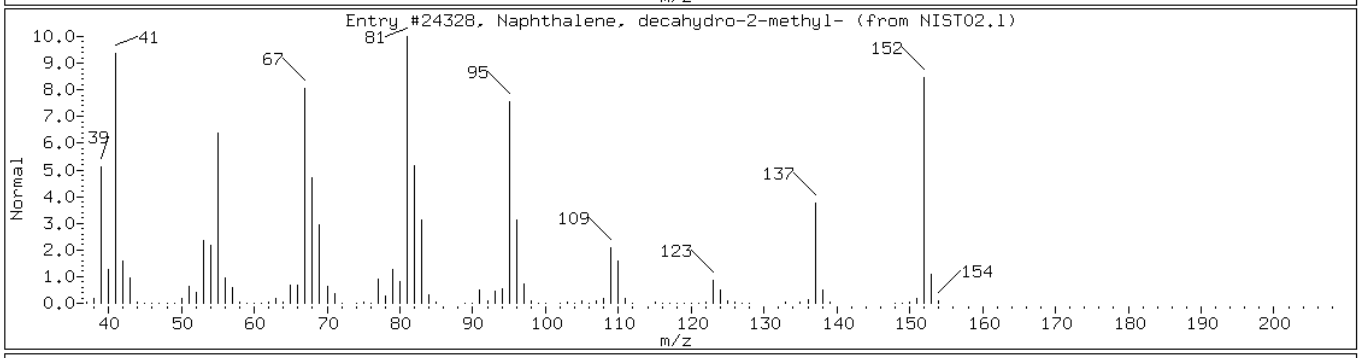
Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

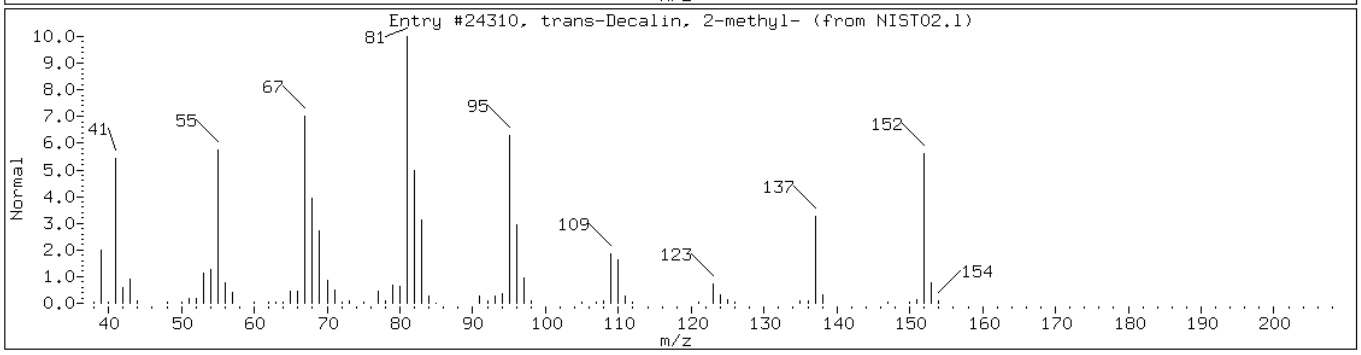
Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 11.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	93	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	93	C11H20	152







Data File: b53504.d

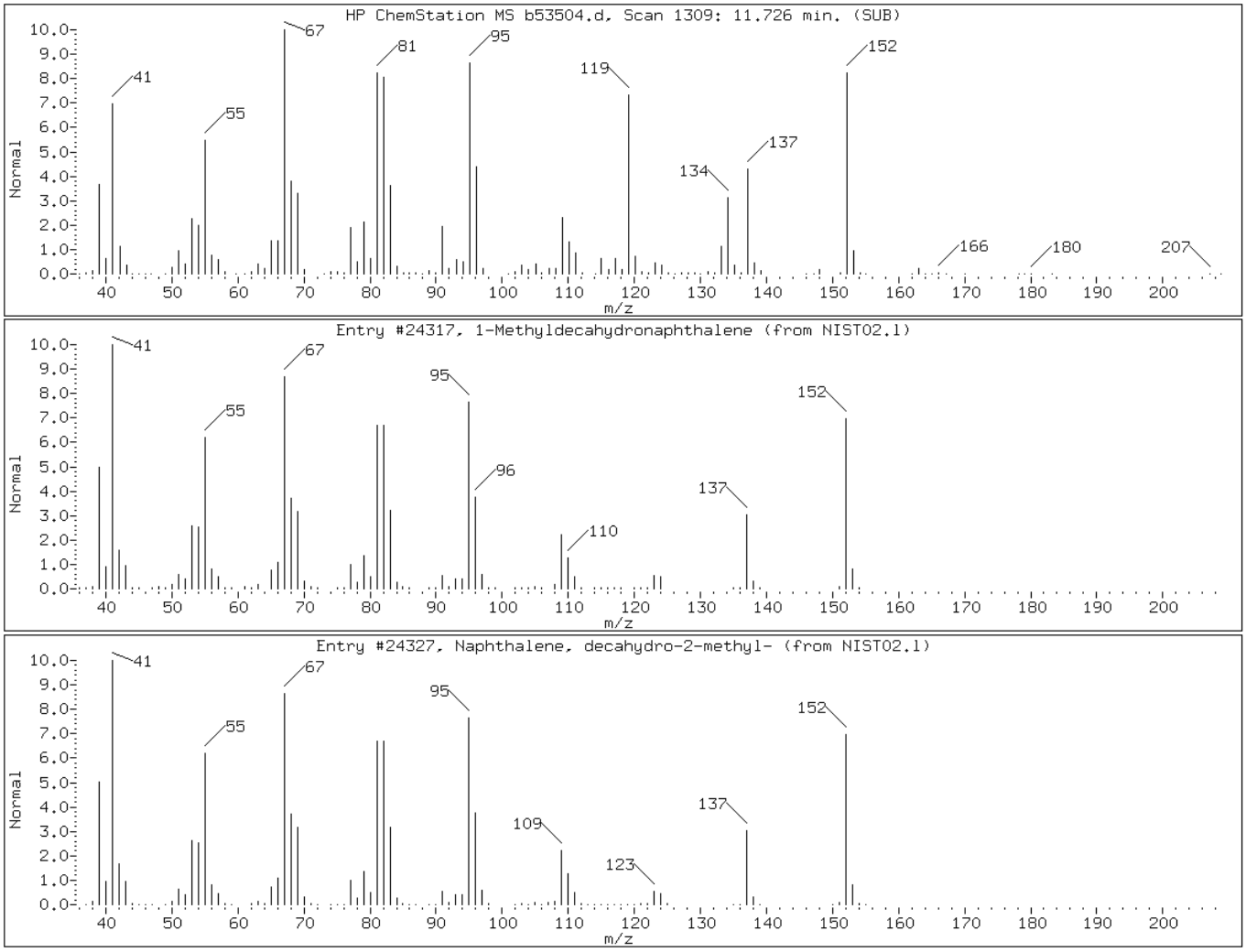
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	98	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	98	C11H20	152



Data File: b53504.d

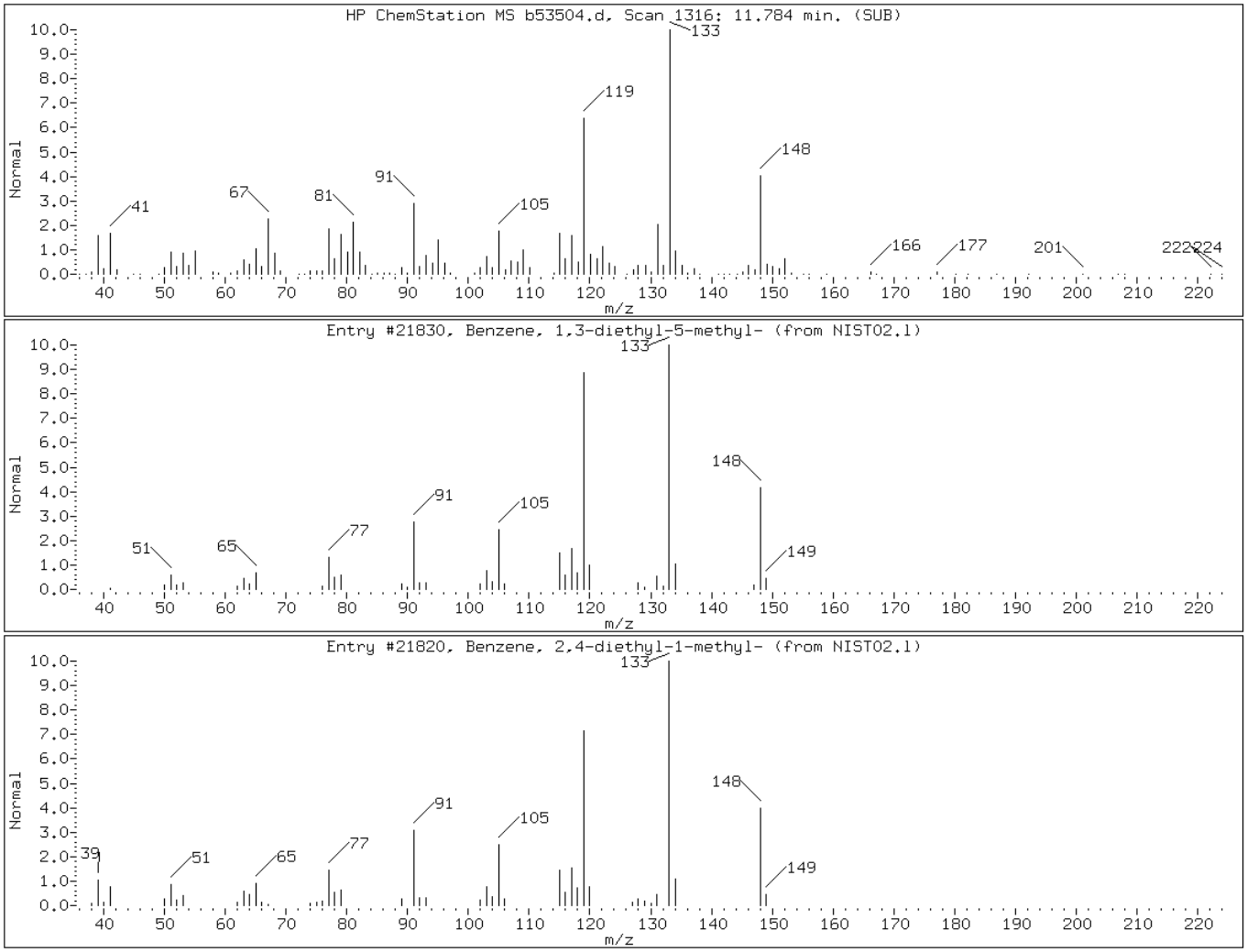
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 11.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	95	C11H16	148
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	92	C11H16	148



Data File: b53504.d

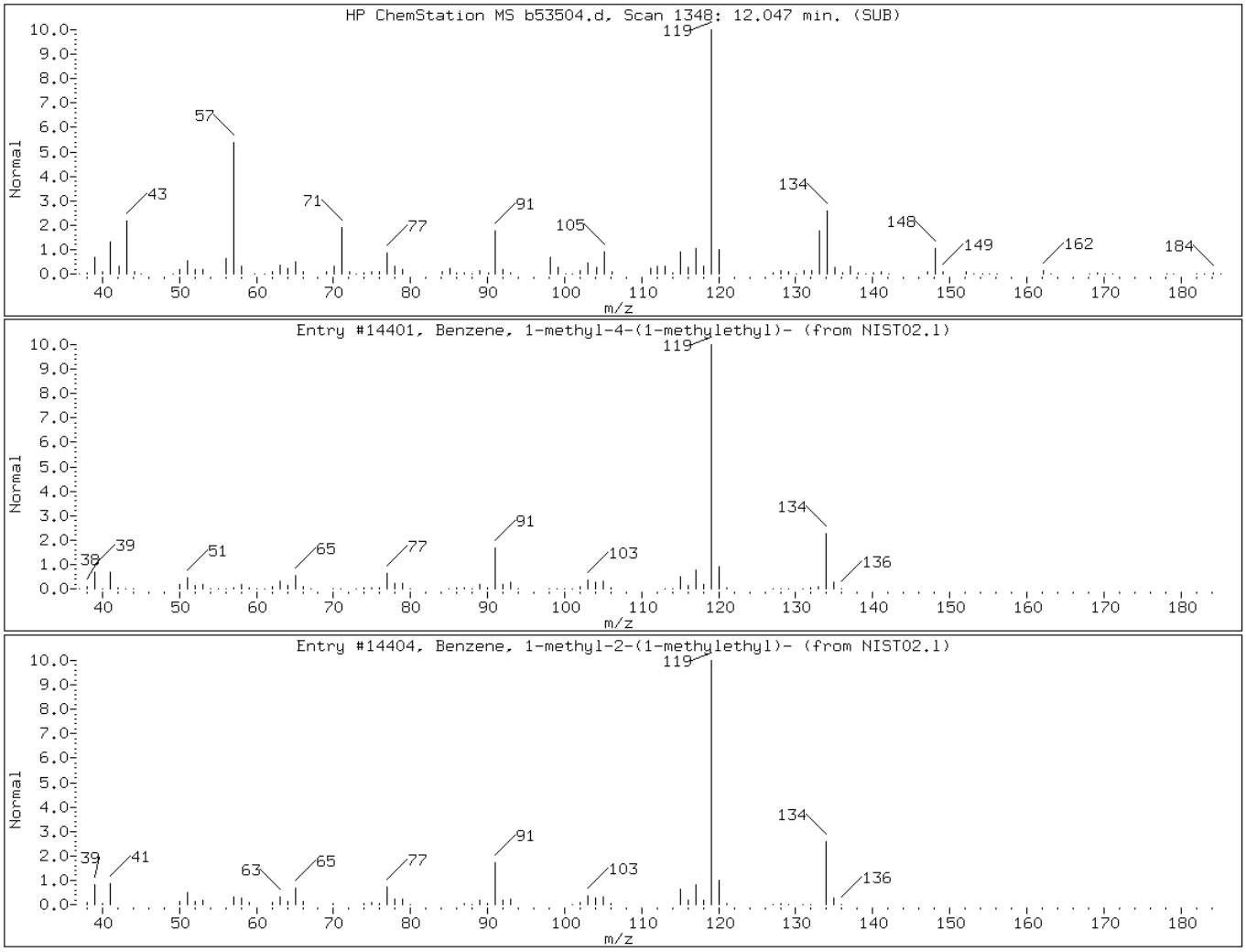
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic/Unknown						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	95	C10H14	134



Data File: b53504.d

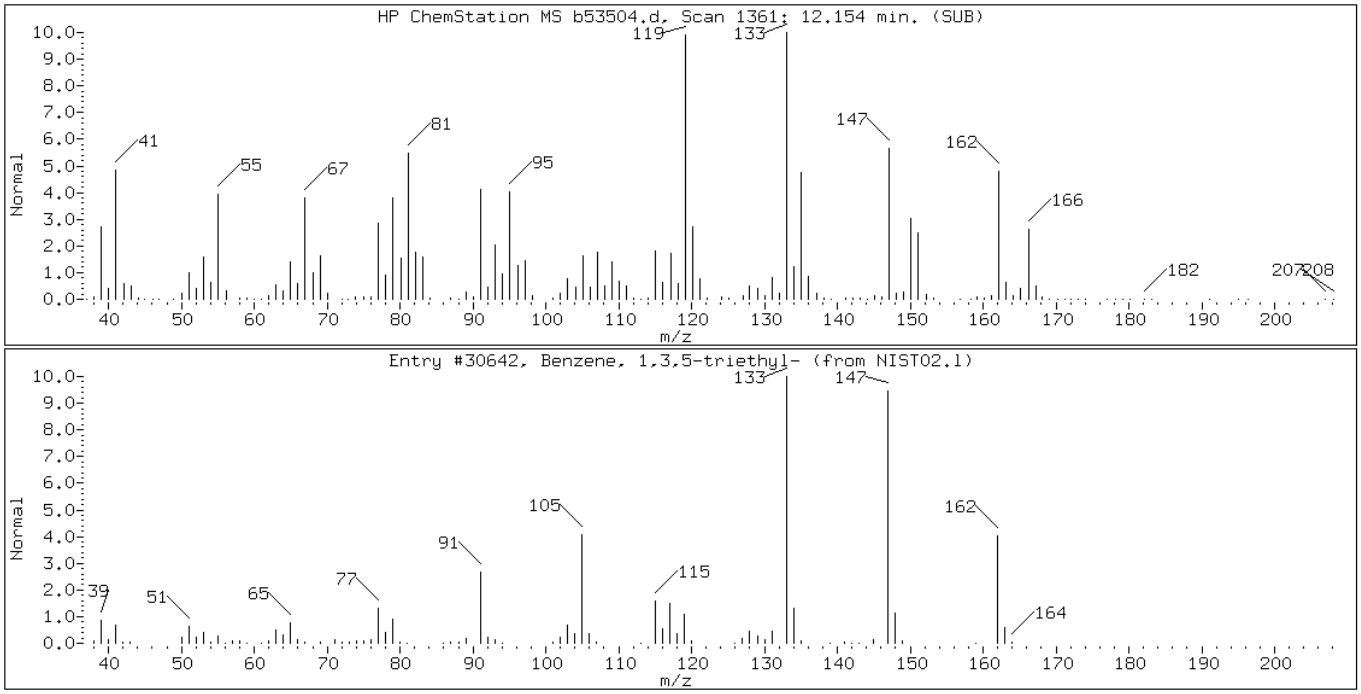
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzene, 1,3,5-triethyl-	102-25-0	NIST02.l	30642	47	C12H18	162



Data File: b53504.d

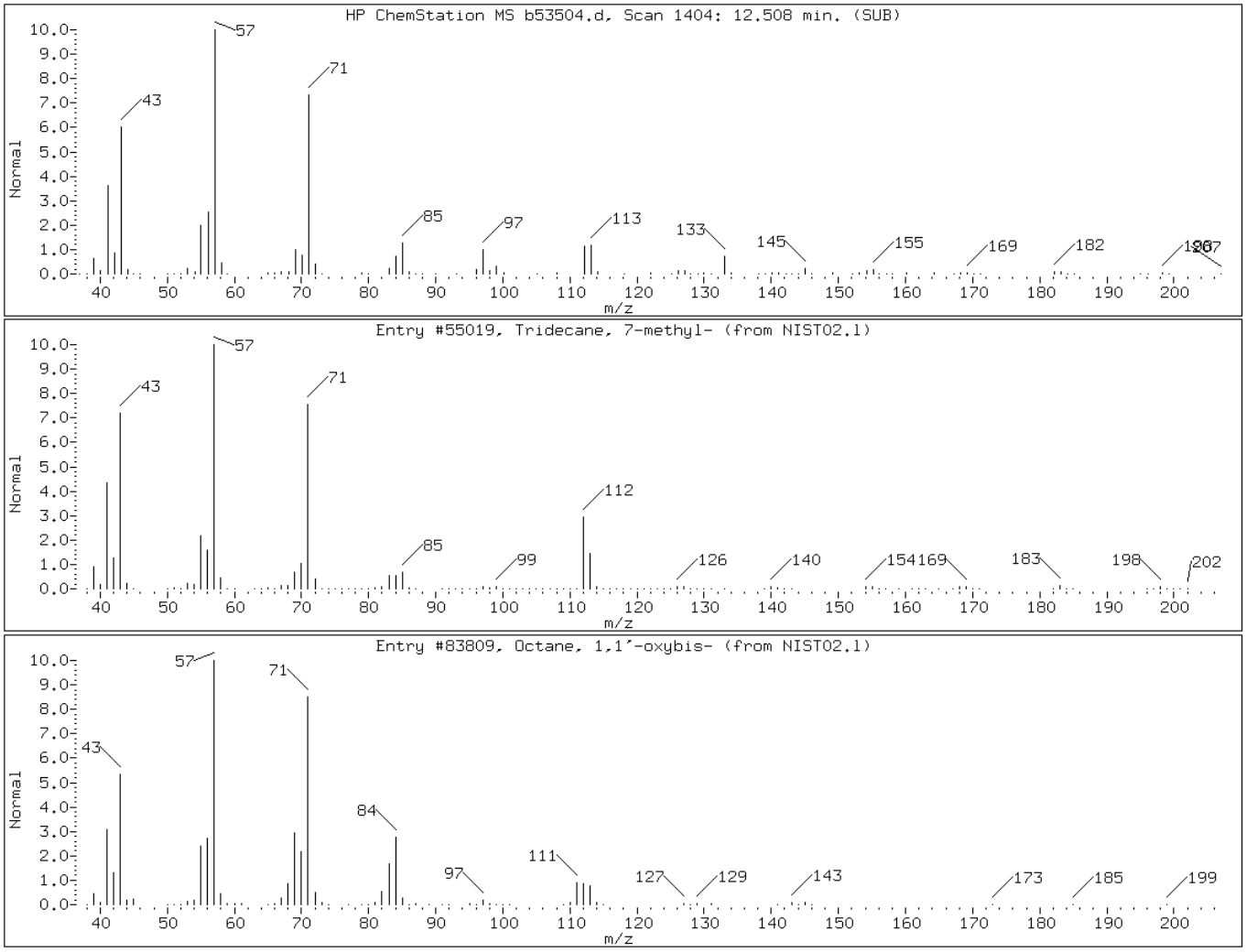
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 12.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	76	C14H30	198
Octane, 1,1'-oxybis-	629-82-3	NIST02.l	83809	72	C16H34O	242



Data File: b53504.d

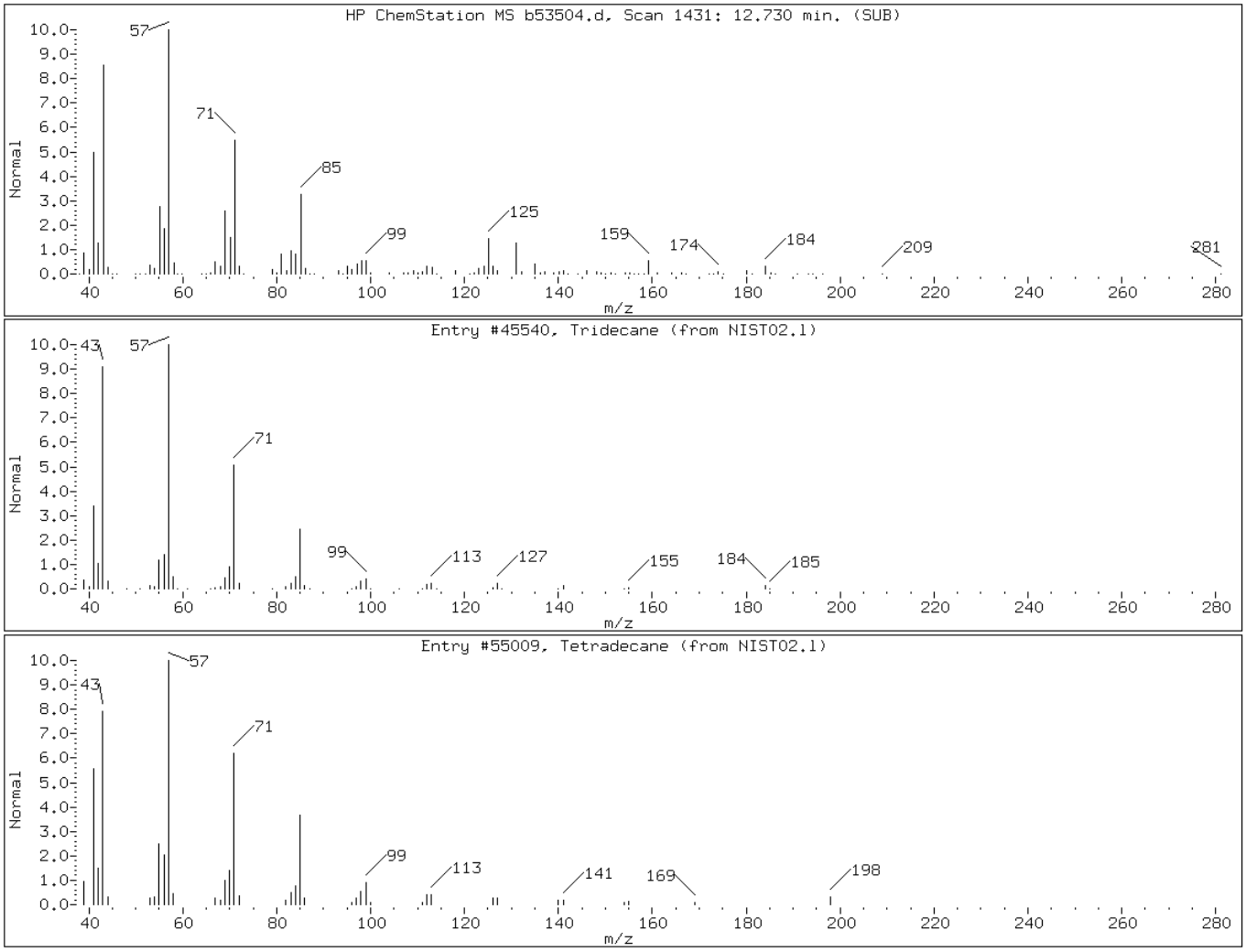
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 12.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tridecane	629-50-5	NIST02.l	45540	76	C13H28	184
Tetradecane	629-59-4	NIST02.l	55009	58	C14H30	198



Data File: b53504.d

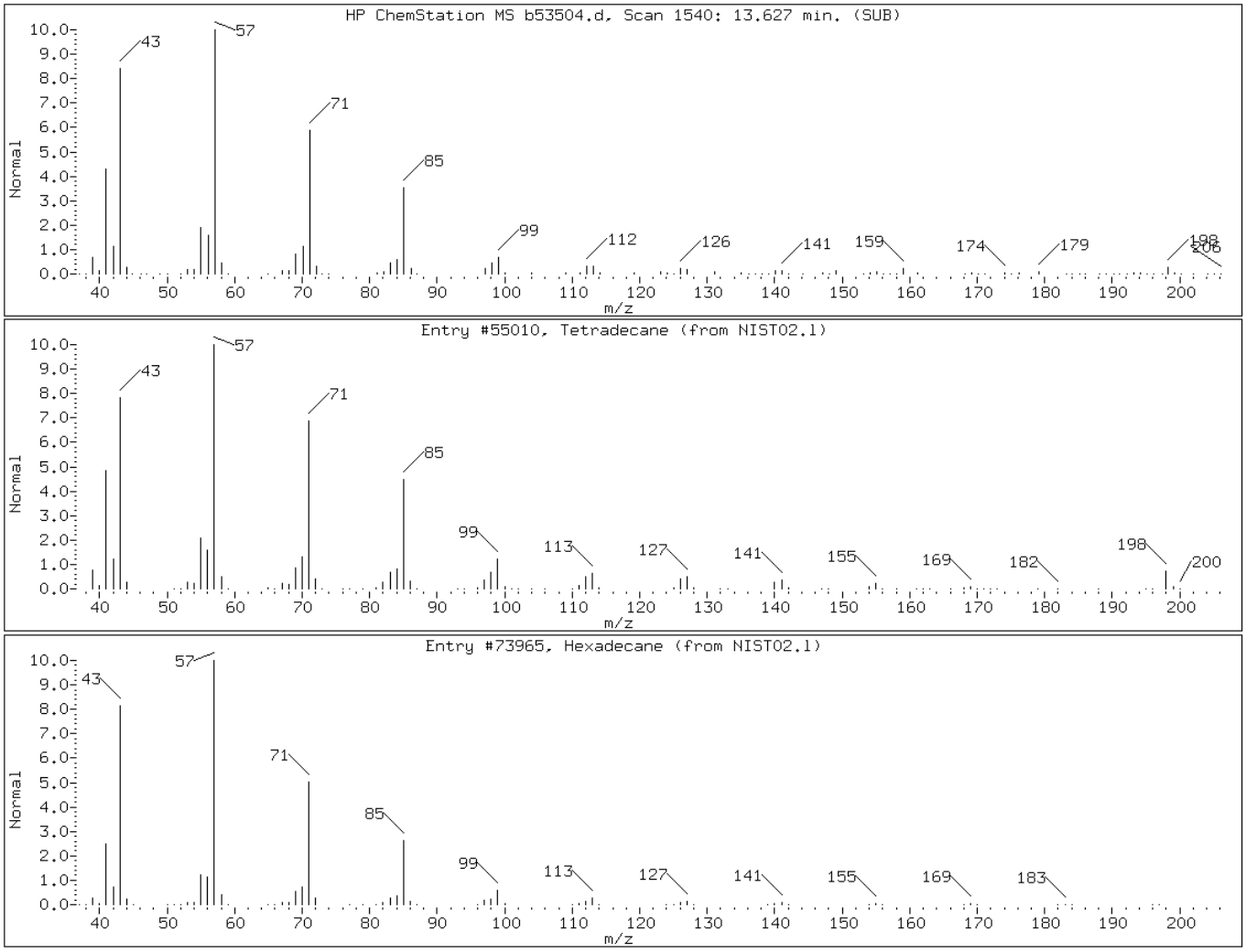
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 13.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: b53504.d

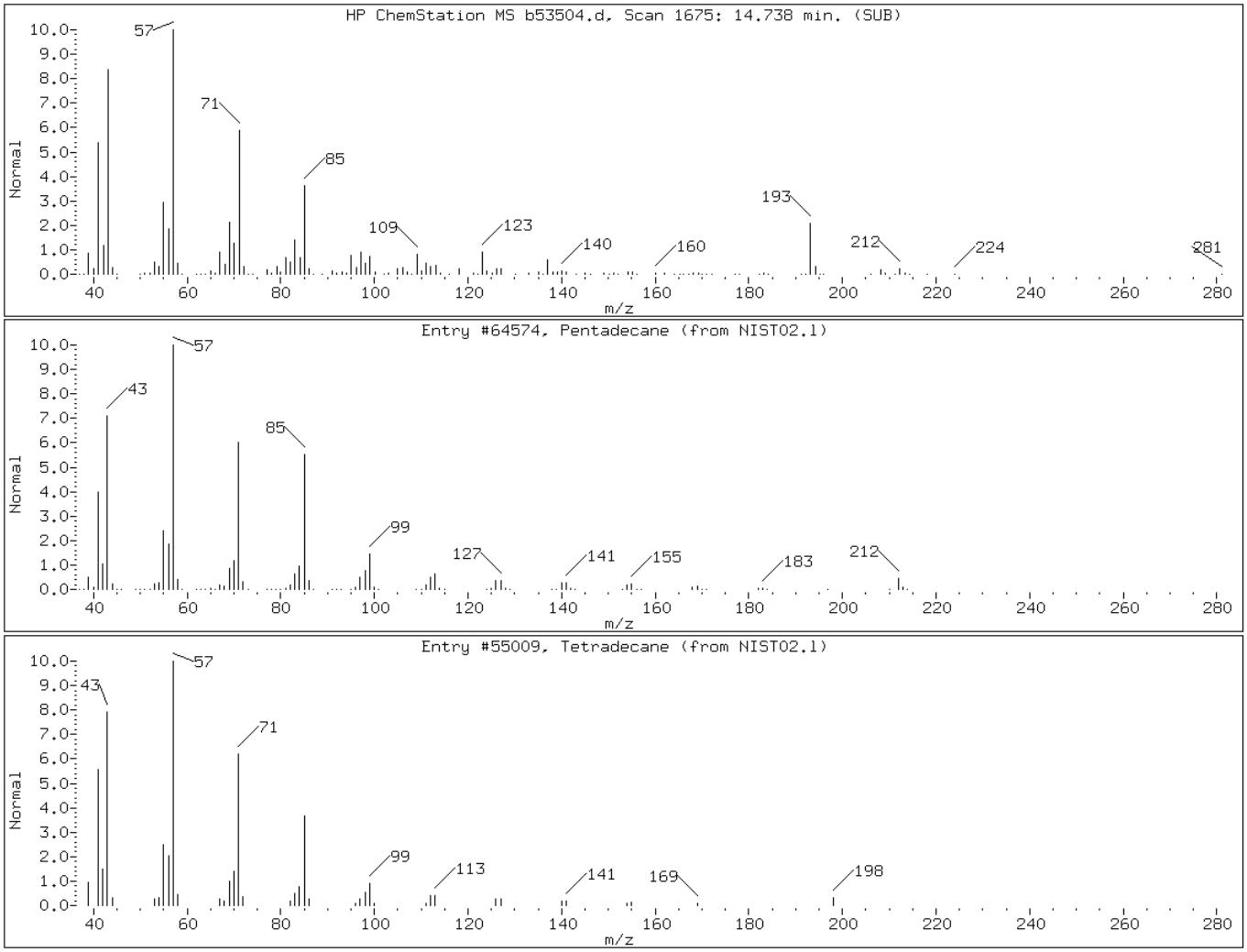
Date: 19-MAR-2013 14:37

Client ID: PMP-13-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-31-A;50;;5.08;5 Operator:

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane	629-62-9	NIST02.l	64574	92	C15H32	212
Tetradecane	629-59-4	NIST02.l	55009	58	C14H30	198



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI | Lab Sample ID: 460-52450-32

Matrix: Solid | Lab File ID: d30845.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:45

Sample wt/vol: 5.61(g) | Date Analyzed: 03/23/2013 12:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.1 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.0	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.094	U	1.0	0.094
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.0	0.12
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.0	0.17
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.0	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
106-93-4	1,2-Dibromoethane	0.16	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.17	U	1.0	0.17
106-46-7	1,4-Dichlorobenzene	0.12	U	1.0	0.12
123-91-1	1,4-Dioxane	13	U	52	13
78-93-3	2-Butanone	0.66	U	10	0.66
591-78-6	2-Hexanone	0.14	U	10	0.14
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
67-64-1	Acetone	1.8	U	10	1.8
71-43-2	Benzene	0.16	U	1.0	0.16
74-97-5	Bromochloromethane	0.12	U	1.0	0.12
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.18	U	1.0	0.18
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.0	0.16
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
75-00-3	Chloroethane	0.35	U	1.0	0.35
67-66-3	Chloroform	10		1.0	0.25
74-87-3	Chloromethane	0.17	U	1.0	0.17
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
110-82-7	Cyclohexane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
100-41-4	Ethylbenzene	0.25	J	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI | Lab Sample ID: 460-52450-32

Matrix: Solid | Lab File ID: d30845.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:45

Sample wt/vol: 5.61(g) | Date Analyzed: 03/23/2013 12:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.1 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.12	U	1.0	0.12
79-20-9	Methyl acetate	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	1.7		1.0	0.10
75-09-2	Methylene Chloride	0.91	J B	1.0	0.16
1634-04-4	MTBE	0.12	U	1.0	0.12
100-42-5	Styrene	0.29	U	1.0	0.29
127-18-4	Tetrachloroethene	0.13	U	1.0	0.13
108-88-3	Toluene	0.32	J	1.0	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-01-4	Vinyl chloride	0.36	U	1.0	0.36
1330-20-7	Xylenes, Total	2.2	J	3.1	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI Lab Sample ID: 460-52450-32

Matrix: Solid Lab File ID: d30845.d

Analysis Method: 8260B Date Collected: 03/14/2013 15:45

Sample wt/vol: 5.61(g) Date Analyzed: 03/23/2013 12:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.1 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1638

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane-2	10.00	290	J
	C12H26 Alkane	10.75	230	J
	Unknown Alkane	10.87	220	J
	Coeluting Unknowns	11.14	190	J
	C11H14 Aromatic	11.19	98	J
	C13H28 Alkane	11.42	140	J
	C11H14 Aromatic-1	11.69	110	J
	C14H30 Alkane	12.13	140	J
	Unknown Alkane-2	12.72	100	J
	Unknown Alkane-3	13.03	120	H J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30845.d
Report Date: 25-Mar-2013 21:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30845.d
Lab Smp Id: 460-52450-D-32-A Client Smp ID: PMP-13-NE-SI
Inj Date : 23-MAR-2013 12:23
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-32-A;;;5.61;5
Misc Info : 460-52450-D-32-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.61000	Weight of sample extracted (g)
M	15.09091	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.487	2.469	(0.546)	2806	0.86834	0.91(a)
	15 Chloroform	83	3.681	3.675	(0.809)	63752	9.89576	10
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.293	4.287	(0.943)	83206	47.6133	50
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	420410	50.0000	
	126 Methyl cyclohexane	83	4.704	4.692	(1.034)	13547	1.64108	1.7
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	365834	49.5060	52
	38 Toluene	91	6.281	6.287	(0.796)	5419	0.30750	0.32(a)
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	288742	50.0000	
	40 Ethylbenzene	106	7.963	7.957	(1.009)	1514	0.24180	0.25(a)
	43 m+p-Xylene	106	8.104	8.098	(1.027)	6132	0.80169	0.84(a)
	44 o-Xylene	106	8.469	8.469	(1.073)	9813	1.36283	1.4
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	168704	49.5182	52
	102 1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	77573	4.42901	4.6(H)
	100 1,2,4-Trimethylbenzene	105	9.533	9.533	(0.971)	143949	8.34380	8.8

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30845.d
Report Date: 25-Mar-2013 21:01

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
114 sec-Butylbenzene	105	9.610	9.616	(0.979)	33286	1.41587	1.5
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	164734	50.0000	
M 45 Xylene (Total)	100				15946	2.12611	2.2(a)

QC Flag Legend

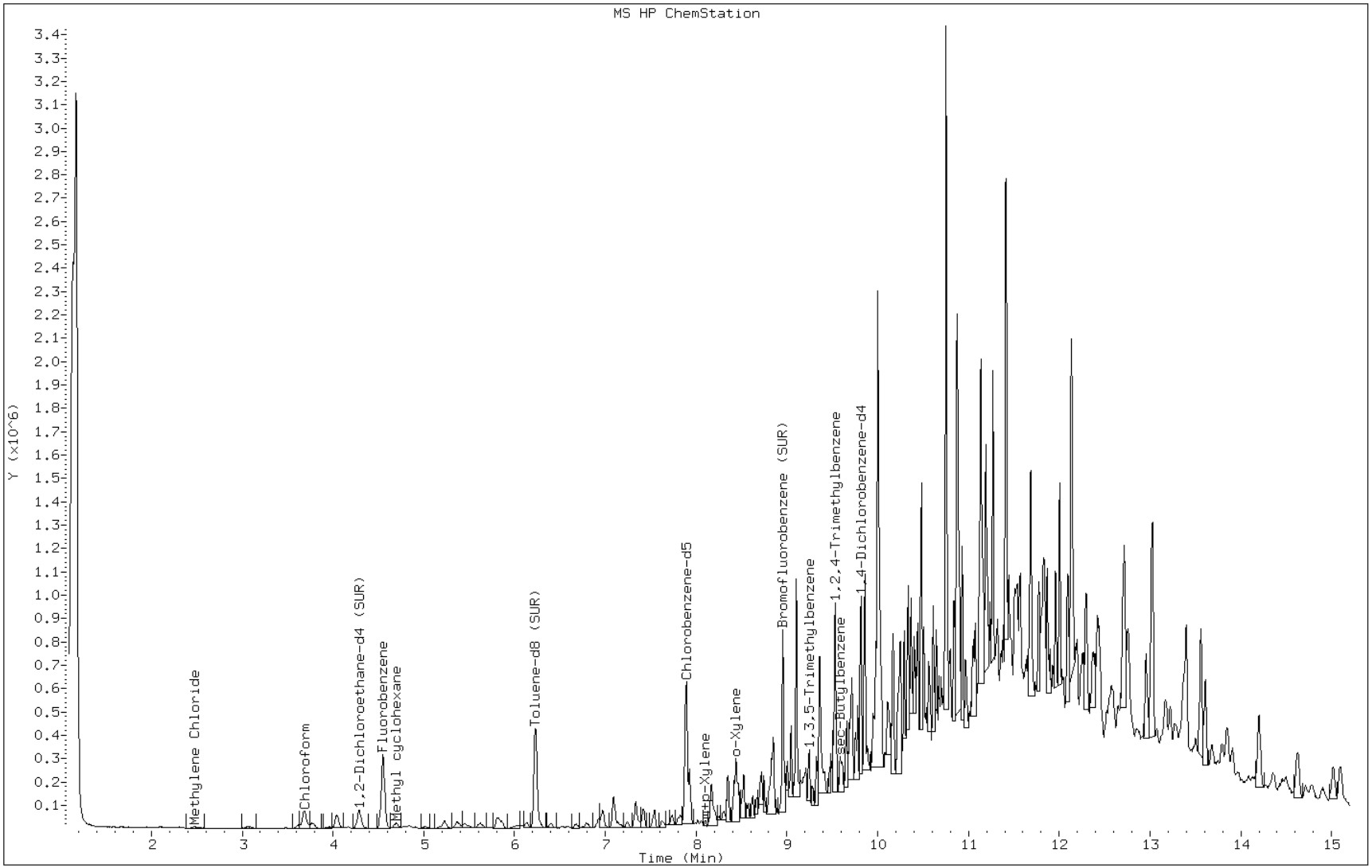
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30845.d

Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9



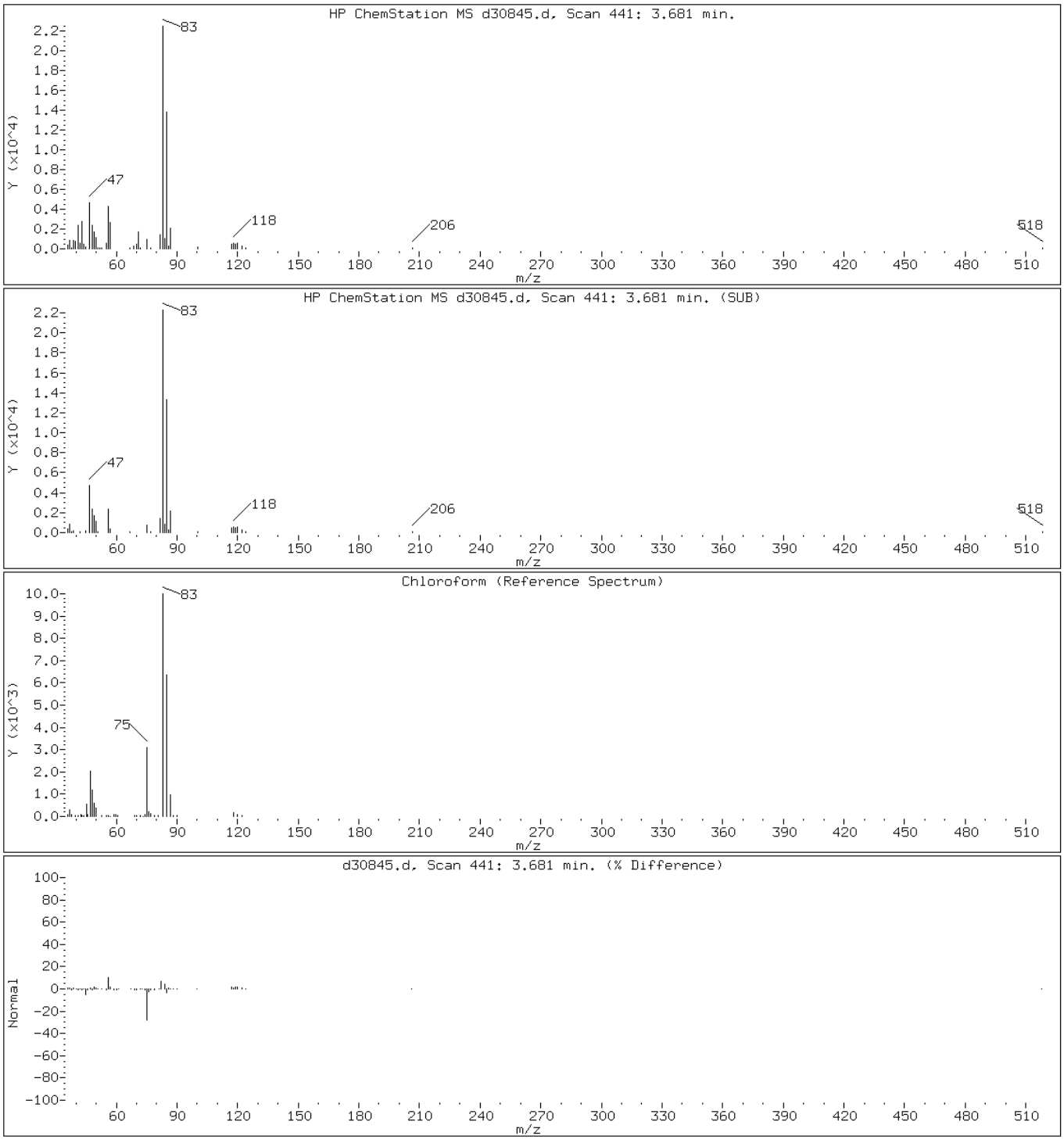
Data File: d30845.d

Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

15 Chloroform



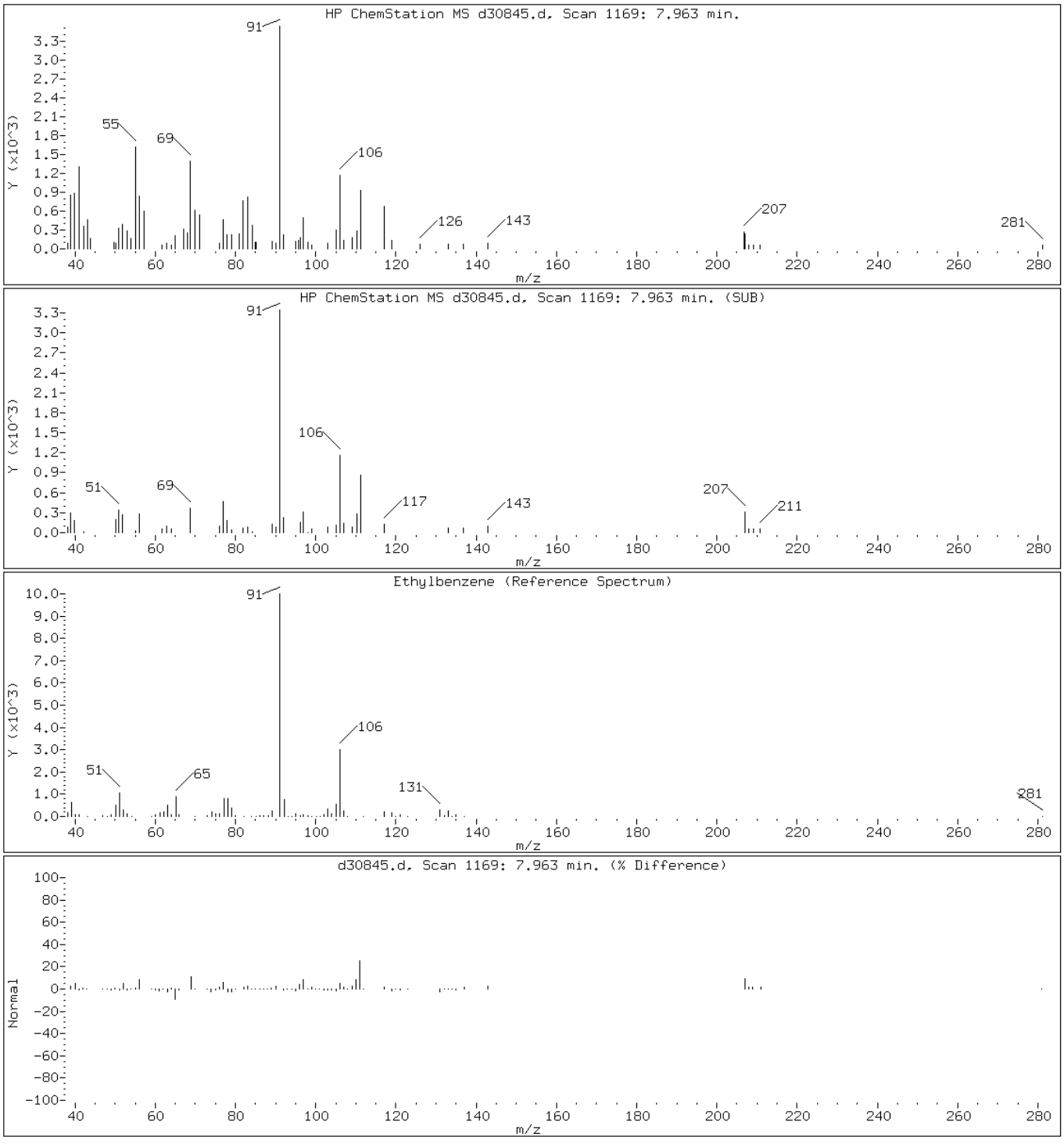
Data File: d30845.d

Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

40 Ethylbenzene



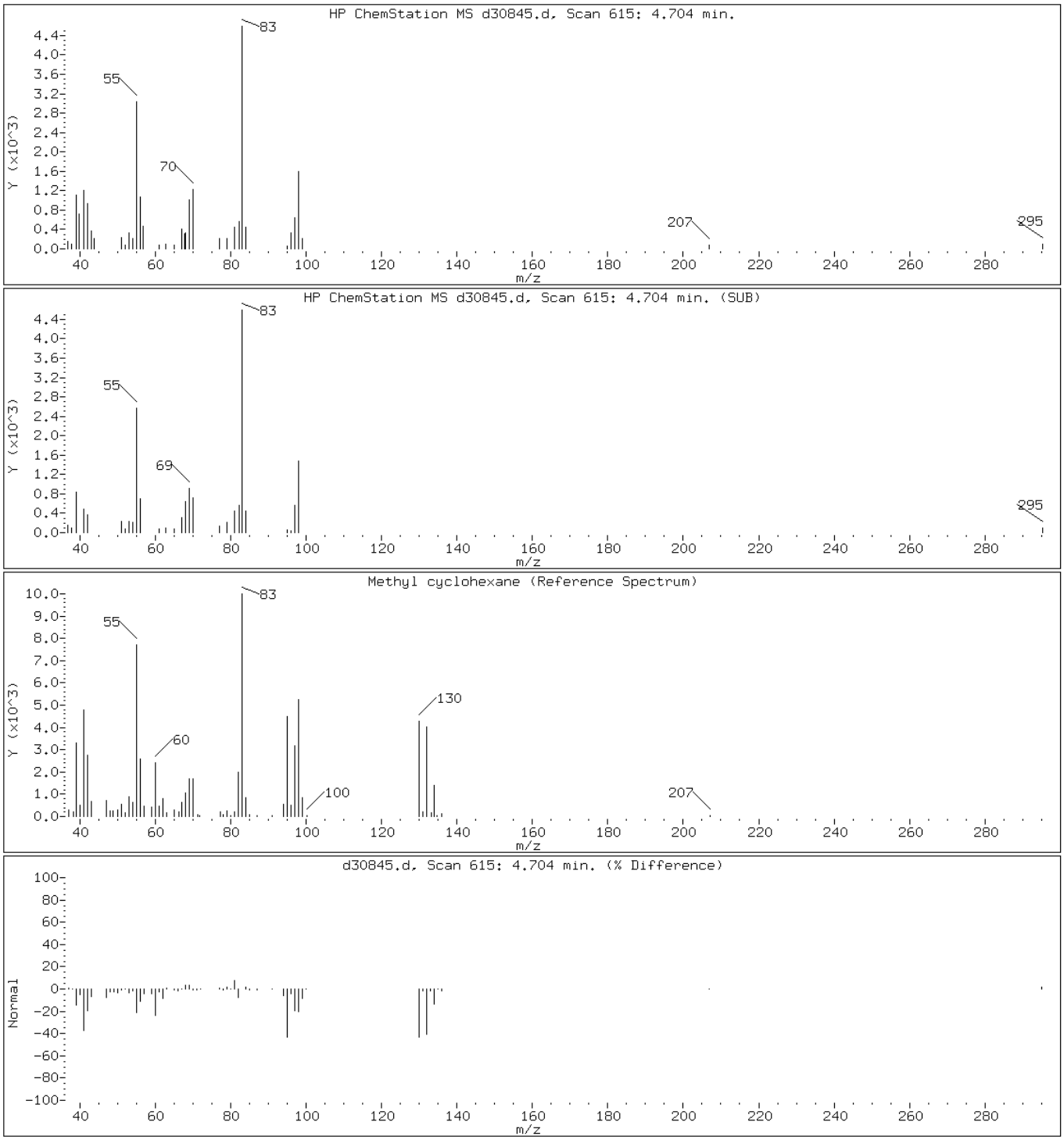
Data File: d30845.d

Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

126 Methyl cyclohexane



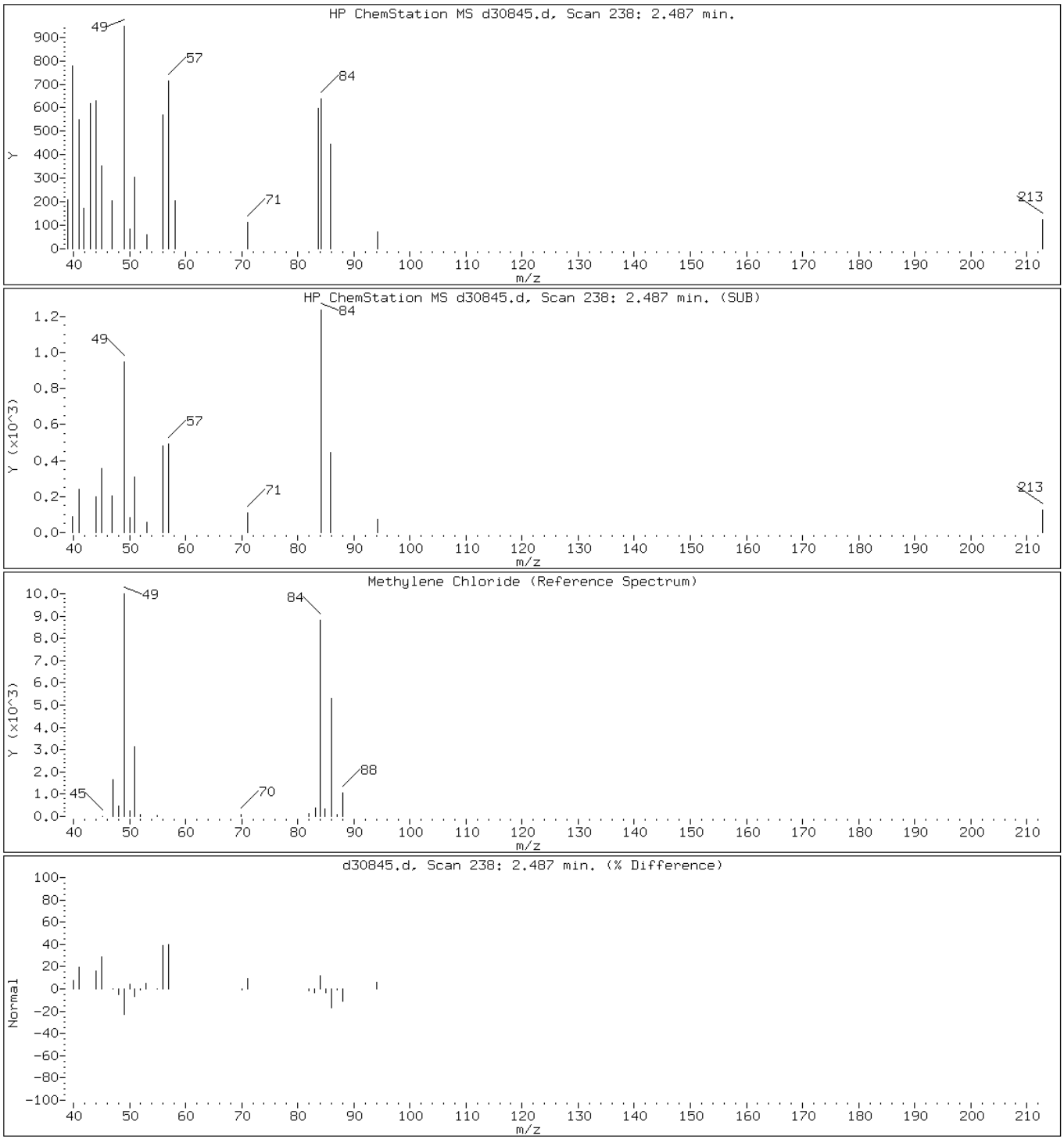
Data File: d30845.d

Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

6 Methylene Chloride



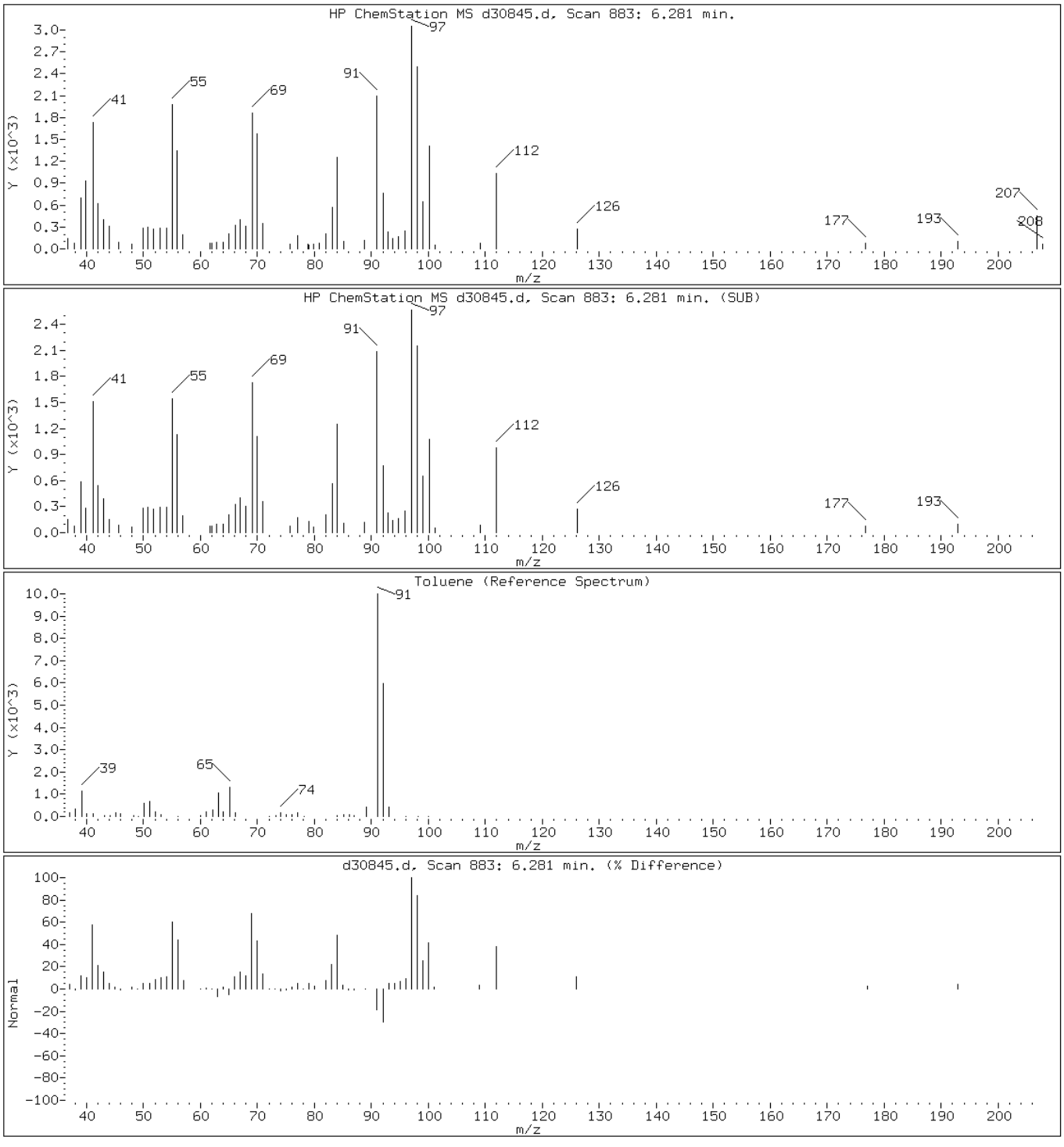
Data File: d30845.d

Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

38 Toluene



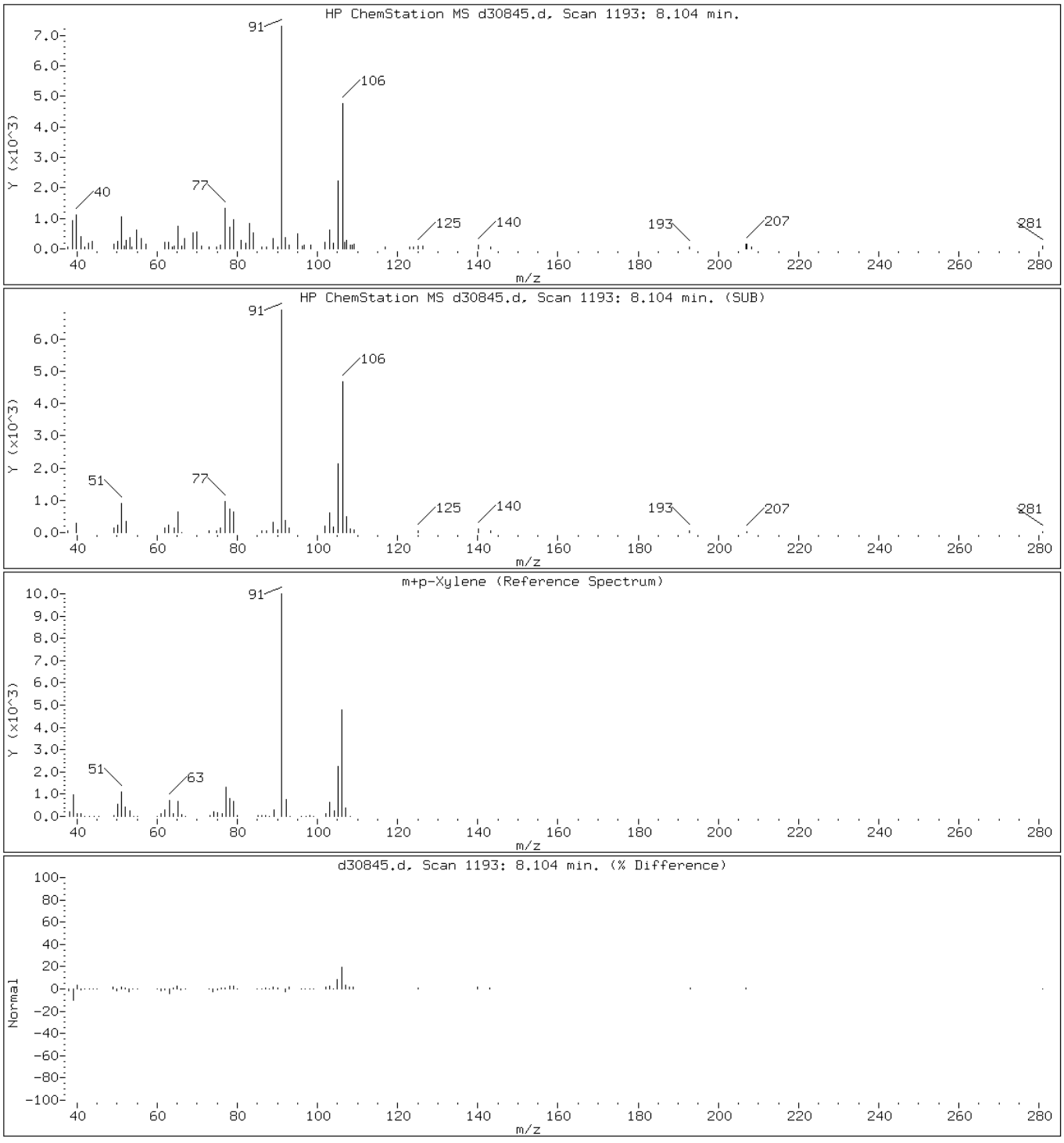
Data File: d30845.d

Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

43 m+p-Xylene



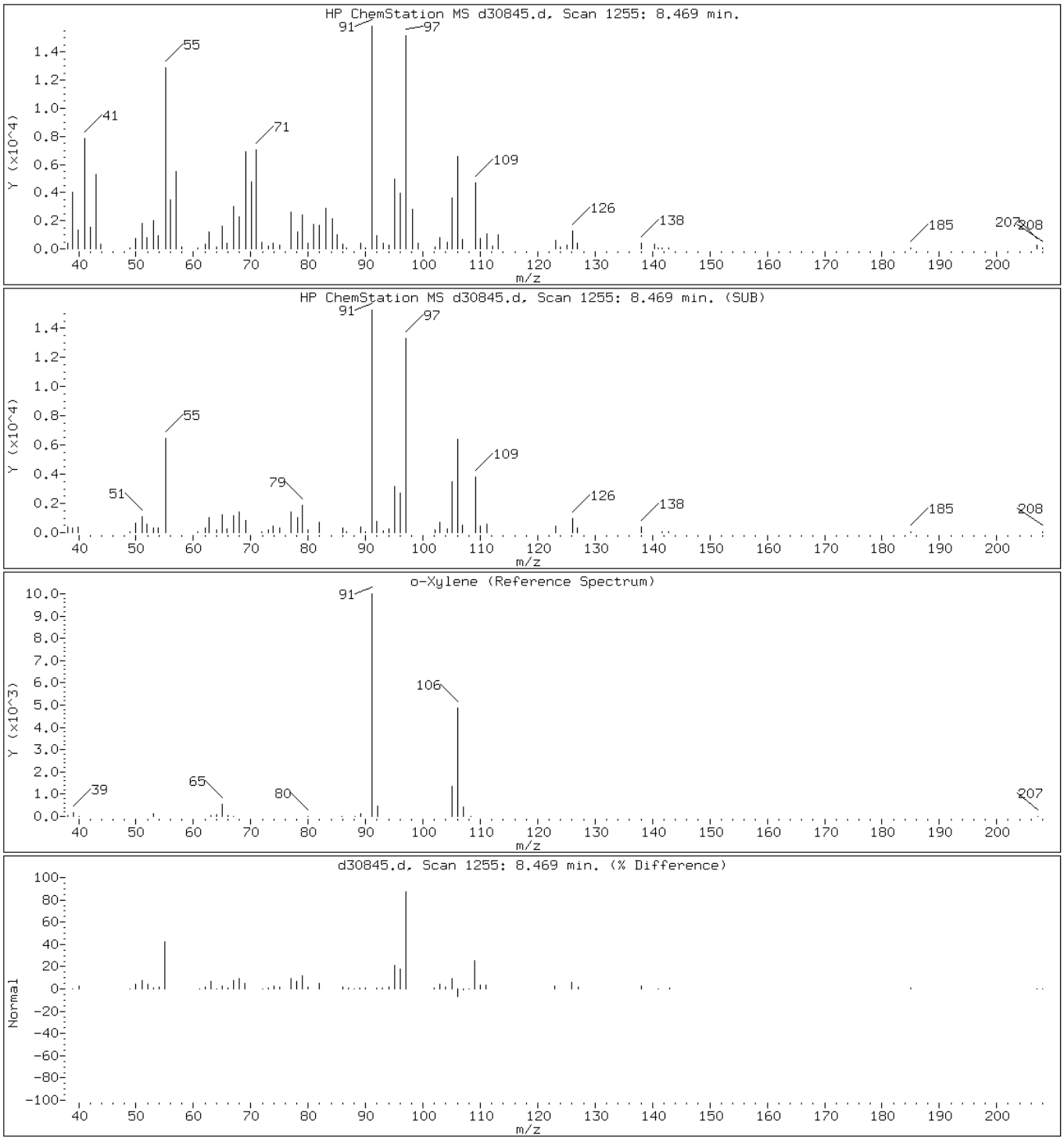
Data File: d30845.d

Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

44 o-Xylene



Data File: d30845.d

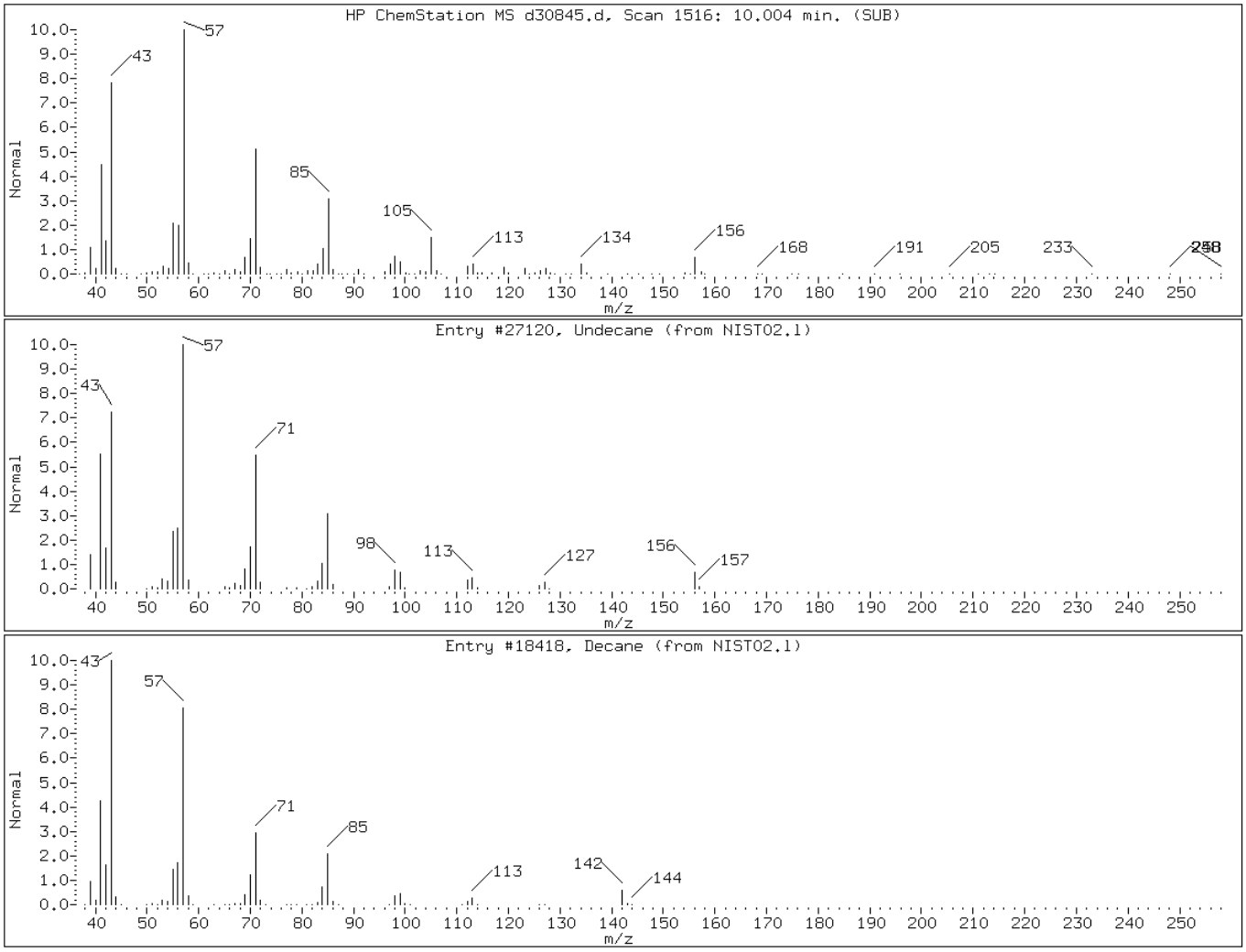
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 10.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane-2						
Undecane	1120-21-4	NIST02.l	27120	96	C11H24	156
Decane	124-18-5	NIST02.l	18418	80	C10H22	142



Data File: d30845.d

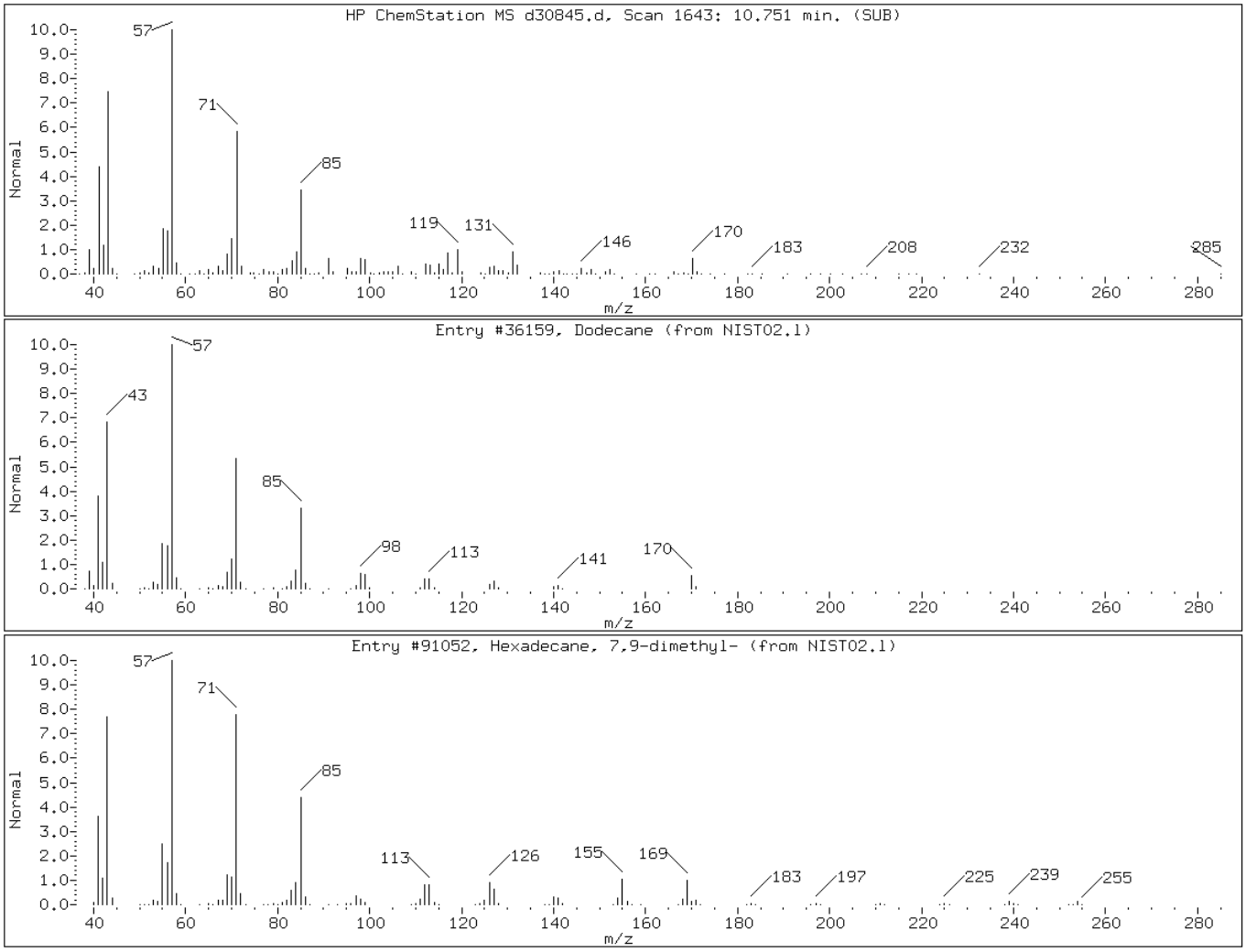
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 10.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.l	91052	58	C18H38	254



Data File: d30845.d

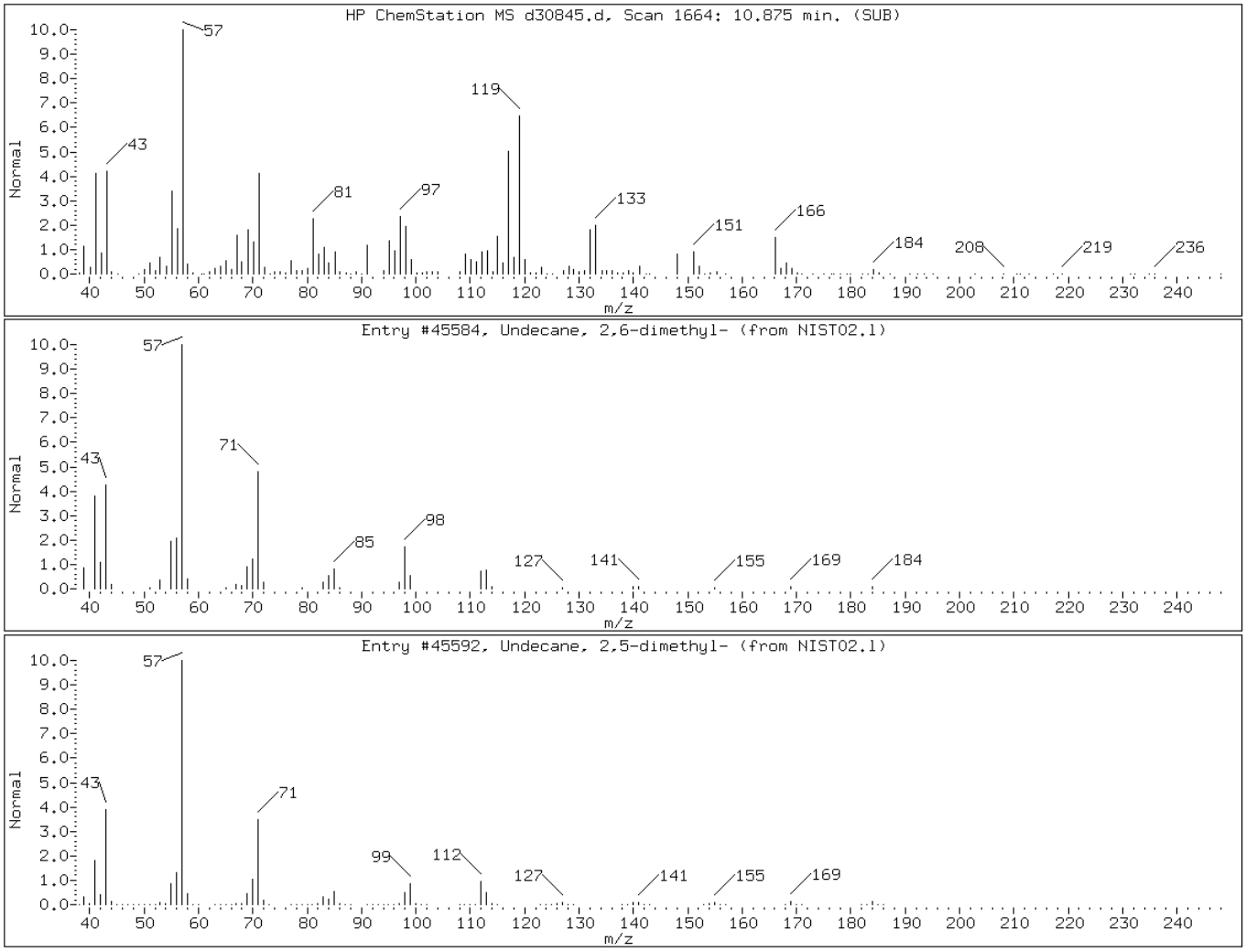
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 10.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	68	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	25	C13H28	184



Data File: d30845.d

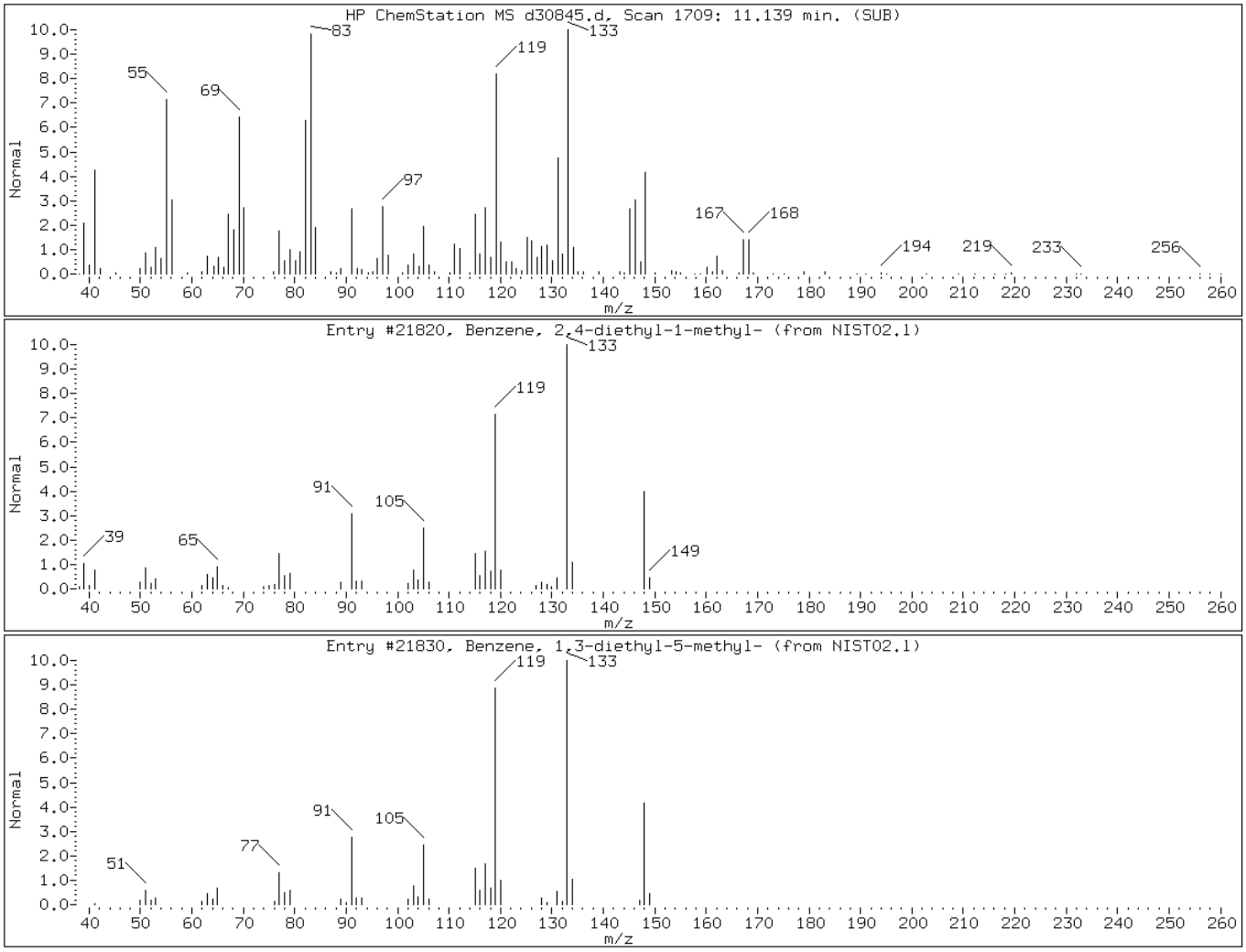
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 11.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	50	C11H16	148
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	50	C11H16	148



Data File: d30845.d

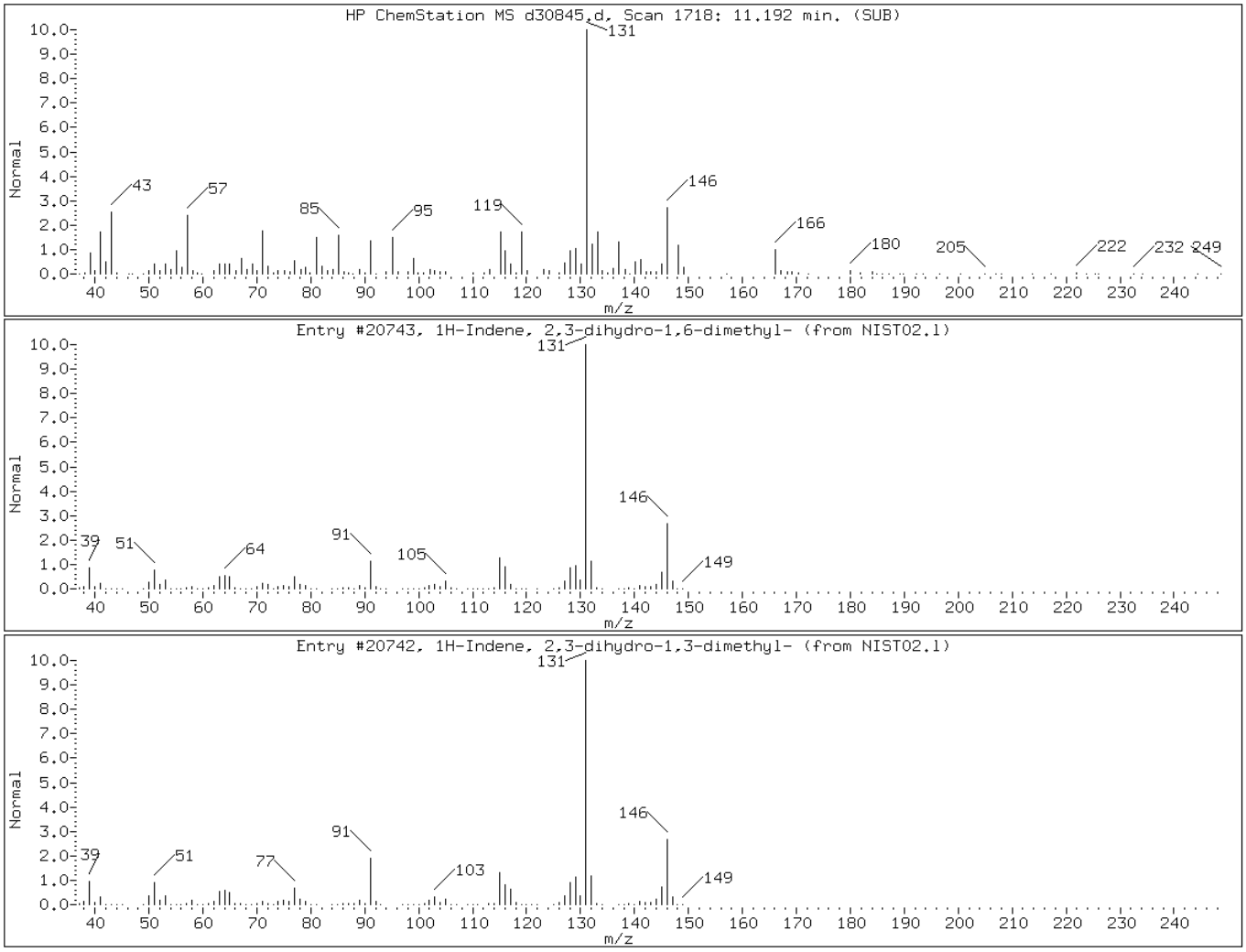
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 11.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
1H-Indene, 2,3-dihydro-1,6-dimethy	17059-48-2	NIST02.l	20743	86	C11H14	146
1H-Indene, 2,3-dihydro-1,3-dimethy	4175-53-5	NIST02.l	20742	70	C11H14	146



Data File: d30845.d

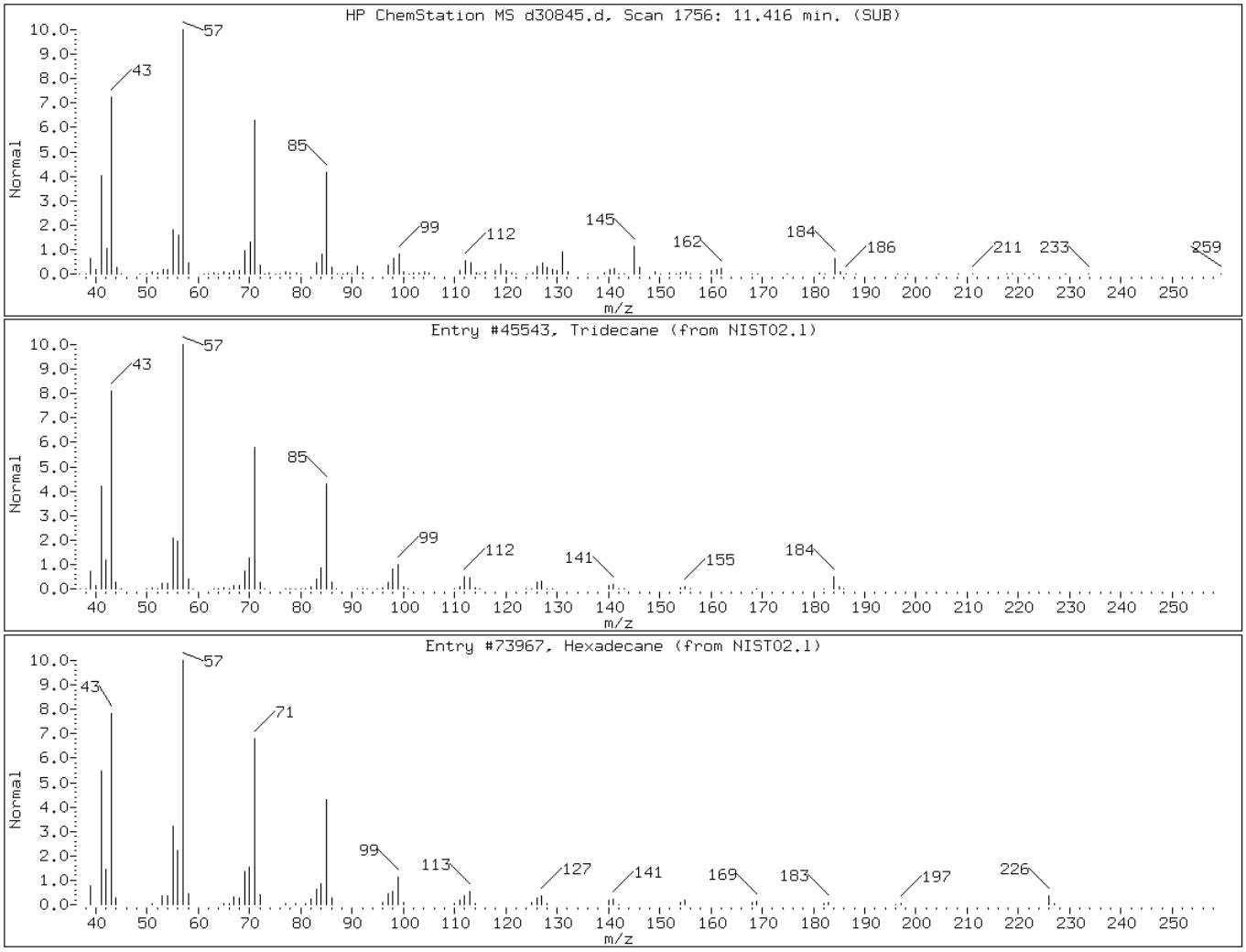
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 11.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Hexadecane	544-76-3	NIST02.l	73967	81	C16H34	226



Data File: d30845.d

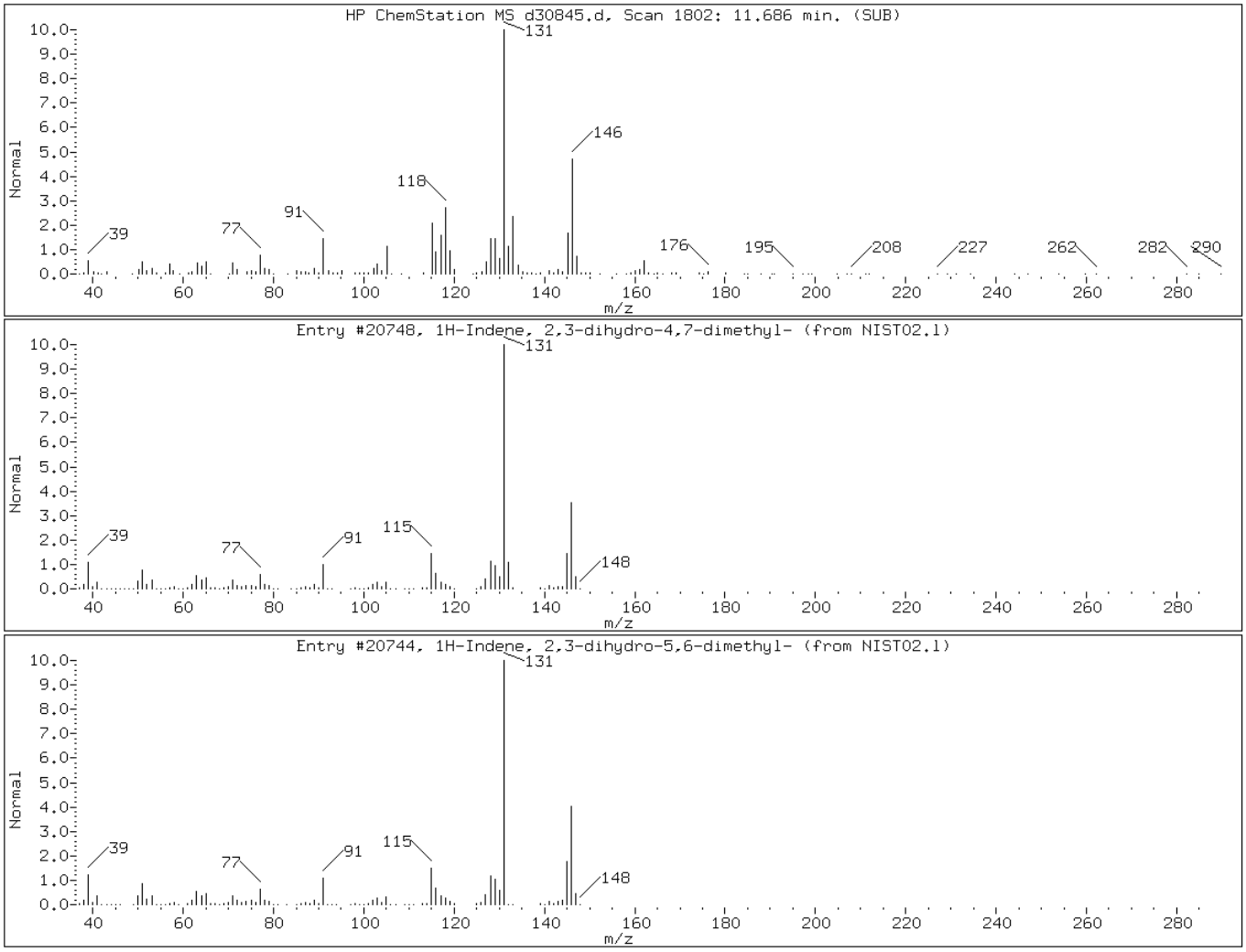
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 11.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-1						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20748	96	C11H14	146
1H-Indene, 2,3-dihydro-5,6-dimethy	1075-22-5	NIST02.l	20744	93	C11H14	146



Data File: d30845.d

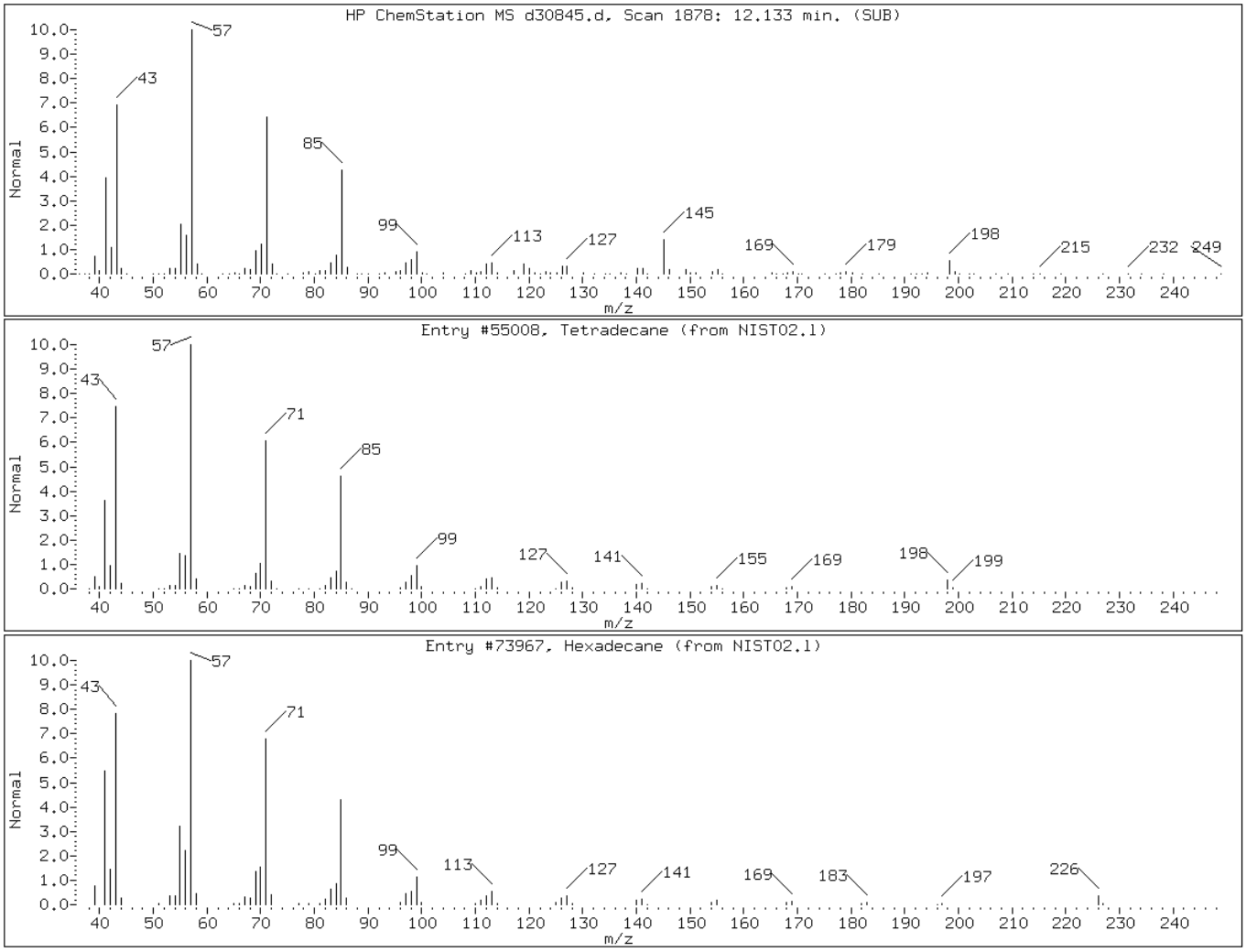
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 12.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198
Hexadecane	544-76-3	NIST02.l	73967	83	C16H34	226



Data File: d30845.d

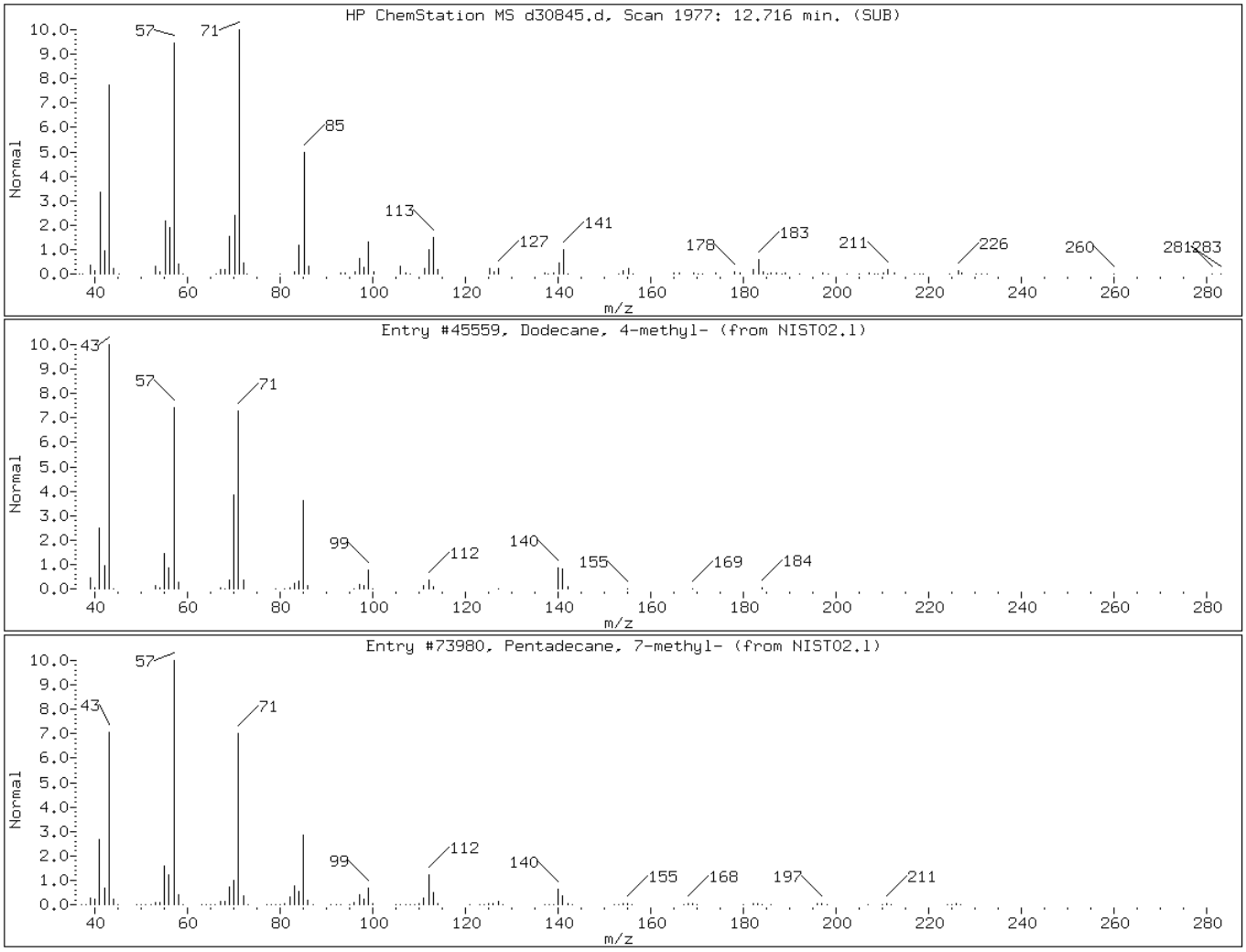
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 12.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	81	C13H28	184
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	76	C16H34	226



Data File: d30845.d

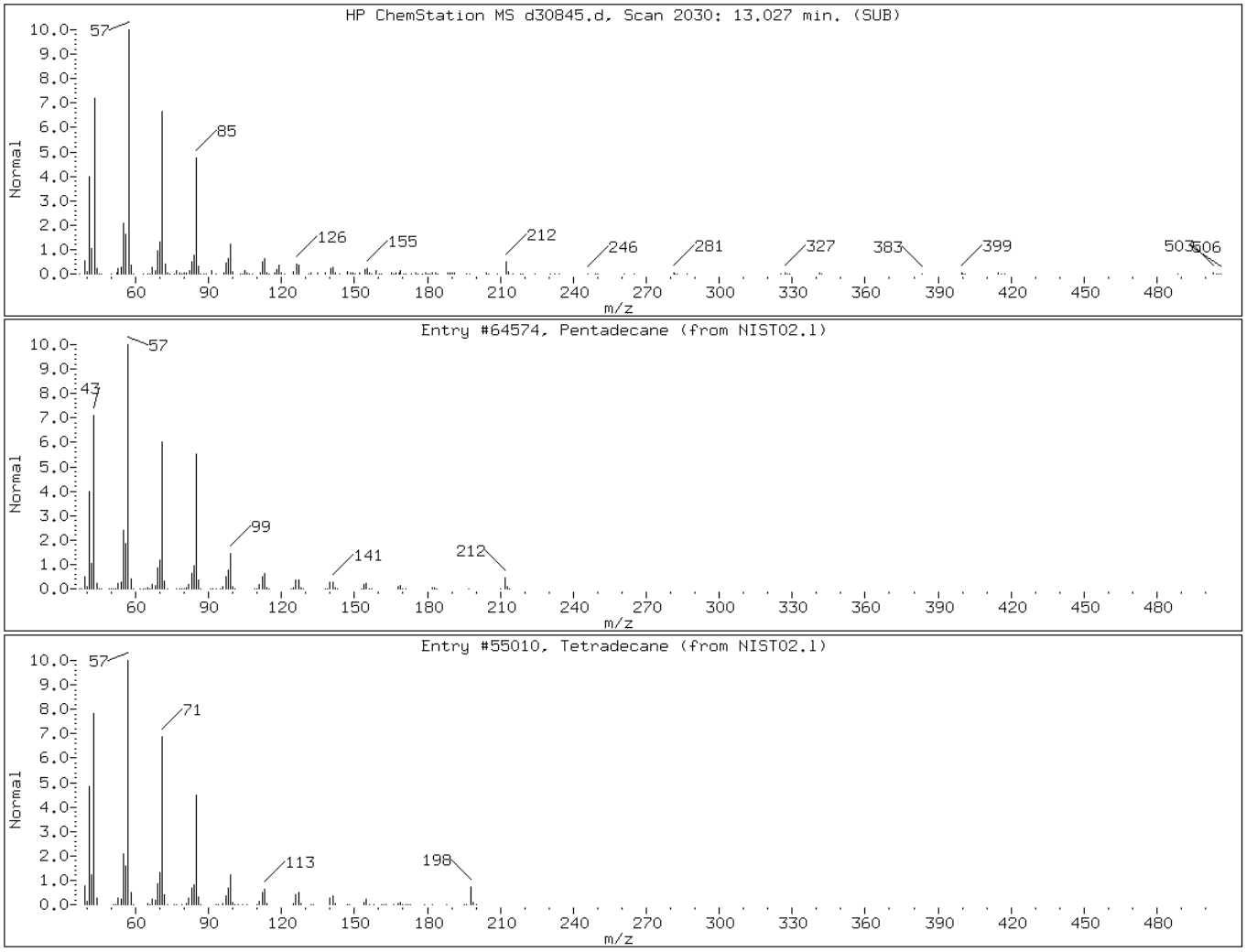
Date: 23-MAR-2013 12:23

Client ID: PMP-13-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-32-A;;;5.61;5 Operator: VOAMS 9

Retention Time: 13.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane	629-62-9	NIST02.l	64574	98	C15H32	212
Tetradecane	629-59-4	NIST02.l	55010	87	C14H30	198



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD | Lab Sample ID: 460-52450-33

Matrix: Solid | Lab File ID: d30846.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:50

Sample wt/vol: 6.36(g) | Date Analyzed: 03/23/2013 12:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.0 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	0.97	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.087	U	0.97	0.087
79-00-5	1,1,2-Trichloroethane	0.14	U	0.97	0.14
75-34-3	1,1-Dichloroethane	0.11	U	0.97	0.11
75-35-4	1,1-Dichloroethene	2.1		0.97	0.18
87-61-6	1,2,3-Trichlorobenzene	0.16	U	0.97	0.16
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.97	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.97	0.43
106-93-4	1,2-Dibromoethane	0.15	U	0.97	0.15
95-50-1	1,2-Dichlorobenzene	1.8		0.97	0.097
107-06-2	1,2-Dichloroethane	0.17	U	0.97	0.17
78-87-5	1,2-Dichloropropane	0.15	U	0.97	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	0.97	0.16
106-46-7	1,4-Dichlorobenzene	0.38	J	0.97	0.11
123-91-1	1,4-Dioxane	12	U	49	12
78-93-3	2-Butanone	21		9.7	0.61
591-78-6	2-Hexanone	0.13	U	9.7	0.13
108-10-1	4-Methyl-2-pentanone	0.19	U	9.7	0.19
67-64-1	Acetone	56	B	9.7	1.6
71-43-2	Benzene	0.55	J	0.97	0.15
74-97-5	Bromochloromethane	0.11	U	0.97	0.11
75-27-4	Bromodichloromethane	0.31	U	0.97	0.31
75-25-2	Bromoform	0.16	U	0.97	0.16
74-83-9	Bromomethane	0.42	U	0.97	0.42
75-15-0	Carbon disulfide	1.8		0.97	0.15
56-23-5	Carbon tetrachloride	0.15	U	0.97	0.15
108-90-7	Chlorobenzene	21		0.97	0.17
75-00-3	Chloroethane	0.32	U	0.97	0.32
67-66-3	Chloroform	0.23	U	0.97	0.23
74-87-3	Chloromethane	0.16	U	0.97	0.16
156-59-2	cis-1,2-Dichloroethene	50		0.97	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.97	0.14
110-82-7	Cyclohexane	0.25	J	0.97	0.13
124-48-1	Dibromochloromethane	0.097	U	0.97	0.097
75-71-8	Dichlorodifluoromethane	0.21	U	0.97	0.21
100-41-4	Ethylbenzene	31		0.97	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD | Lab Sample ID: 460-52450-33

Matrix: Solid | Lab File ID: d30846.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:50

Sample wt/vol: 6.36(g) | Date Analyzed: 03/23/2013 12:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.0 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	0.97	0.11
98-82-8	Isopropylbenzene	0.90	J	0.97	0.11
79-20-9	Methyl acetate	0.31	U	0.97	0.31
108-87-2	Methylcyclohexane	0.097	U	0.97	0.097
75-09-2	Methylene Chloride	0.81	J B	0.97	0.15
1634-04-4	MTBE	0.11	U	0.97	0.11
100-42-5	Styrene	0.27	U	0.97	0.27
127-18-4	Tetrachloroethene	17		0.97	0.12
108-88-3	Toluene	1.2		0.97	0.14
156-60-5	trans-1,2-Dichloroethene	27		0.97	0.13
10061-02-6	trans-1,3-Dichloropropene	0.097	U	0.97	0.097
79-01-6	Trichloroethene	1200	E	0.97	0.12
75-69-4	Trichlorofluoromethane	0.16	U	0.97	0.16
75-01-4	Vinyl chloride	0.33	U	0.97	0.33
1330-20-7	Xylenes, Total	8.8		2.9	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	73		70-130
2037-26-5	Toluene-d8 (Surr)	119		70-130
460-00-4	Bromofluorobenzene	130		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD Lab Sample ID: 460-52450-33

Matrix: Solid Lab File ID: d30846.d

Analysis Method: 8260B Date Collected: 03/14/2013 15:50

Sample wt/vol: 6.36(g) Date Analyzed: 03/23/2013 12:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.0 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30846.d
Report Date: 27-Mar-2013 19:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30846.d
Lab Smp Id: 460-52450-D-33-A Client Smp ID: PMP-13-NE-SD
Inj Date : 23-MAR-2013 12:45
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-33-A;;;6.36;5
Misc Info : 460-52450-D-33-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	6.36000	Weight of sample extracted (g)
M	18.99827	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M	14	1,2-Dichloroethene (total)	100				449495	80.2064	78
	10	1,1-Dichloroethene	96	2.069	2.075	(0.439)	9155	2.20933	2.1
	8	Carbon Disulfide	76	2.081	2.087	(0.442)	32080	1.89501	1.8
	6	Methylene Chloride	84	2.469	2.469	(0.524)	3654	0.83971	0.81(a)
	7	Acetone	43	2.522	2.522	(0.535)	75263	58.0185	56
	12	trans-1,2-Dichloroethene	96	2.581	2.581	(0.548)	155938	28.2384	27
	13	cis-1,2-Dichloroethene	96	3.446	3.451	(0.732)	293557	51.9681	50
	59	Cyclohexane	56	3.604	3.598	(0.765)	2636	0.25730	0.25(a)
	18	2-Butanone	43	3.957	3.963	(0.840)	21978	21.2865	21
	28	Benzene	78	4.157	4.157	(0.883)	10924	0.56270	0.55(a)
$	16	1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.910)	85915	36.5115	35
*	69	Fluorobenzene	96	4.710	4.545	(1.000)	566085	50.0000	
	25	Trichloroethene	95	4.710	4.710	(1.000)	6448531	1203.15	1200(A)
$	37	Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	330265	59.3298	58

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30846.d
Report Date: 27-Mar-2013 19:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	38 Toluene	91	6.287	6.287	(0.797)	16622	1.25204	1.2
	35 Tetrachloroethene	166	6.734	6.728	(0.853)	72443	17.2791	17
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	217507	50.0000	
	39 Chlorobenzene	112	7.904	7.904	(1.001)	180971	21.5809	21
	40 Ethylbenzene	106	7.957	7.957	(1.008)	152366	32.2847	31
	43 m+p-Xylene	106	8.098	8.098	(1.026)	15837	2.74823	2.7
	44 o-Xylene	106	8.469	8.469	(1.073)	35386	6.52371	6.3
	110 Isopropylbenzene	105	8.745	8.739	(1.108)	14288	0.92607	0.90(a)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	107815	64.9396	63
	112 n-Propylbenzene	91	9.081	9.080	(0.925)	3854	0.32123	0.31(a)
	102 1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	3026	0.35453	0.34(a)
	100 1,2,4-Trimethylbenzene	105	9.539	9.533	(0.972)	4501	0.53537	0.52(a)
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	80277	50.0000	
	68 1,4-Dichlorobenzene	146	9.828	9.822	(1.001)	1939	0.39551	0.38(a)
	69 1,2-Dichlorobenzene	146	10.128	10.127	(1.032)	8207	1.81408	1.8
M	45 Xylene (Total)	100				51223	9.06630	8.8

QC Flag Legend

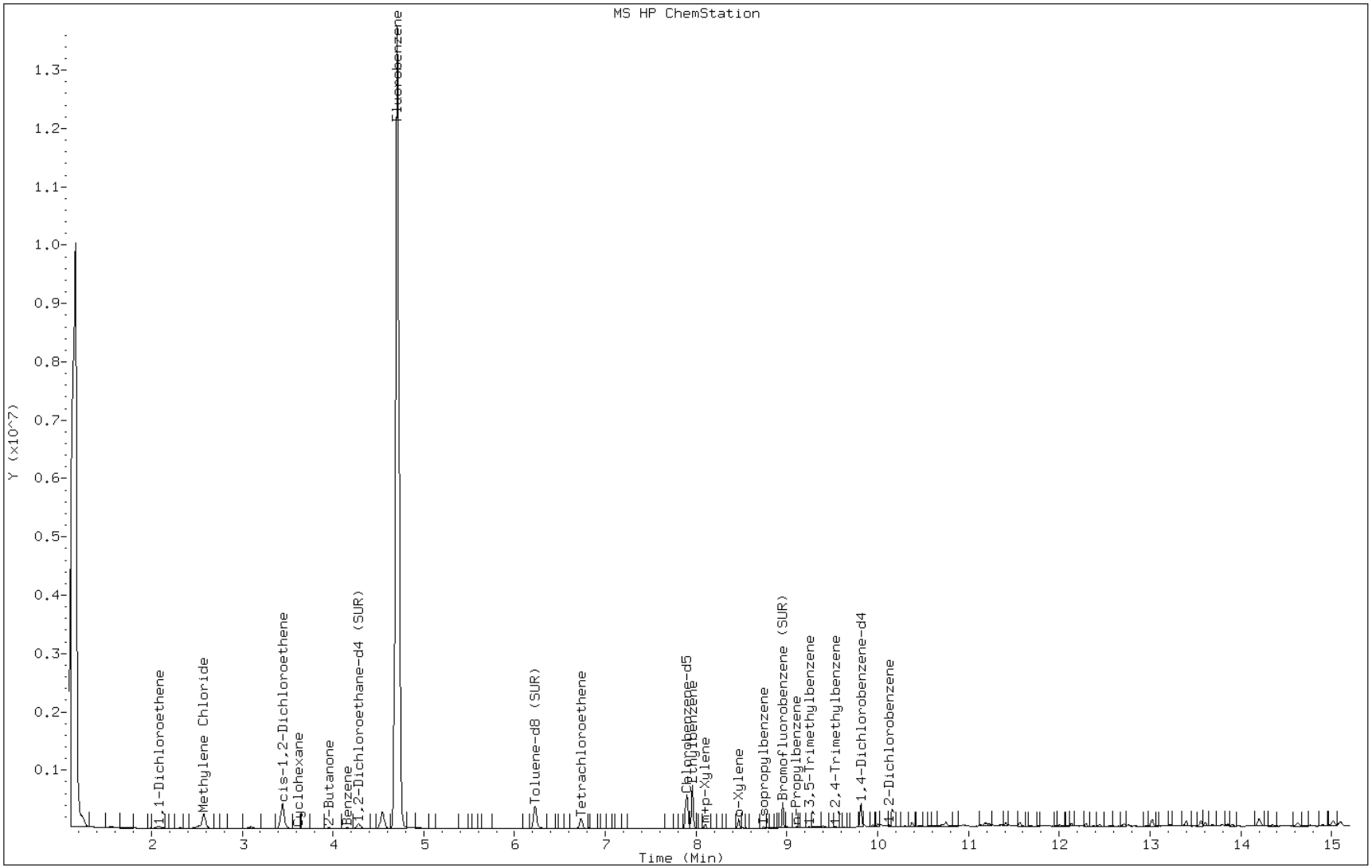
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9



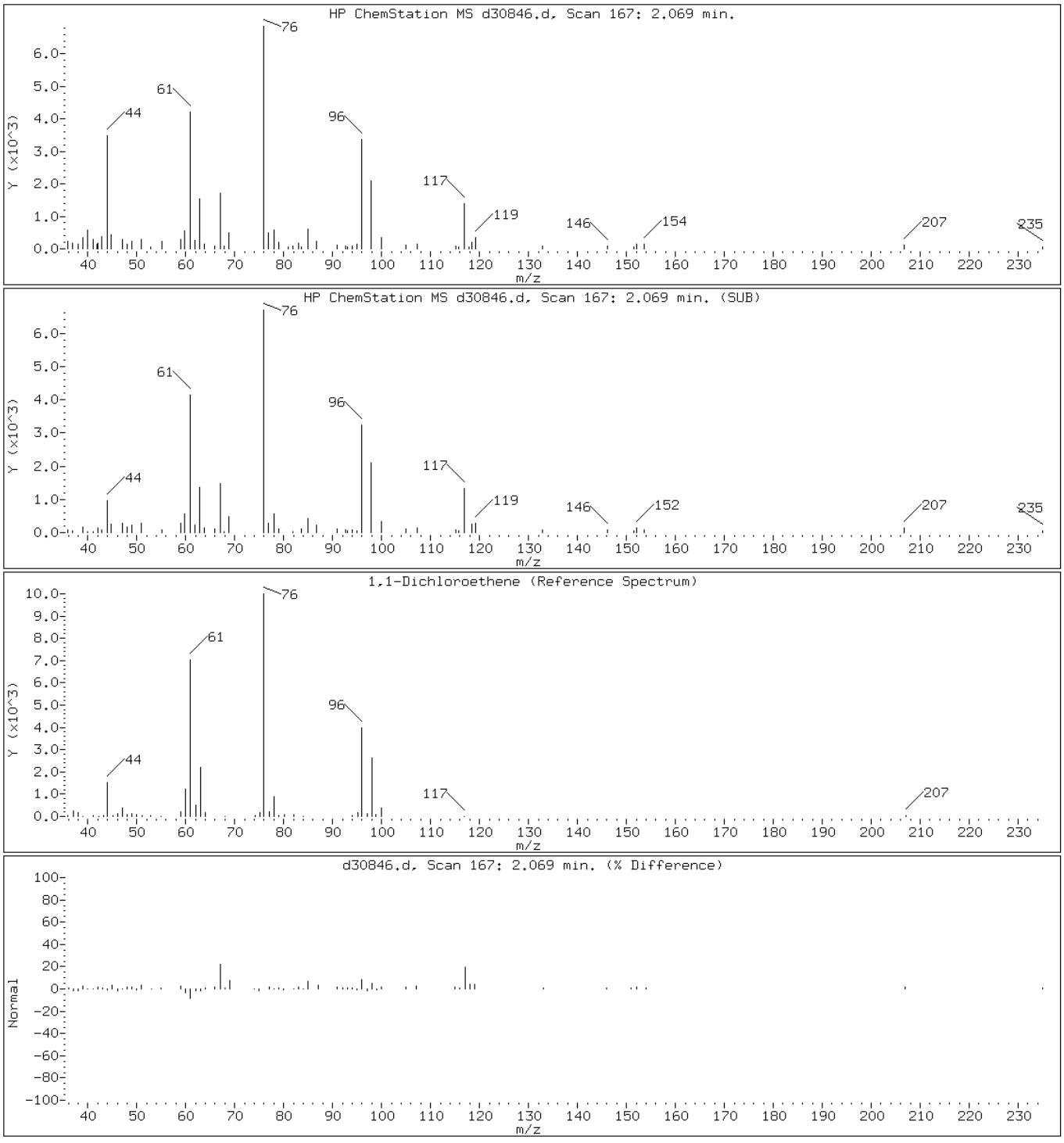
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

10 1,1-Dichloroethene



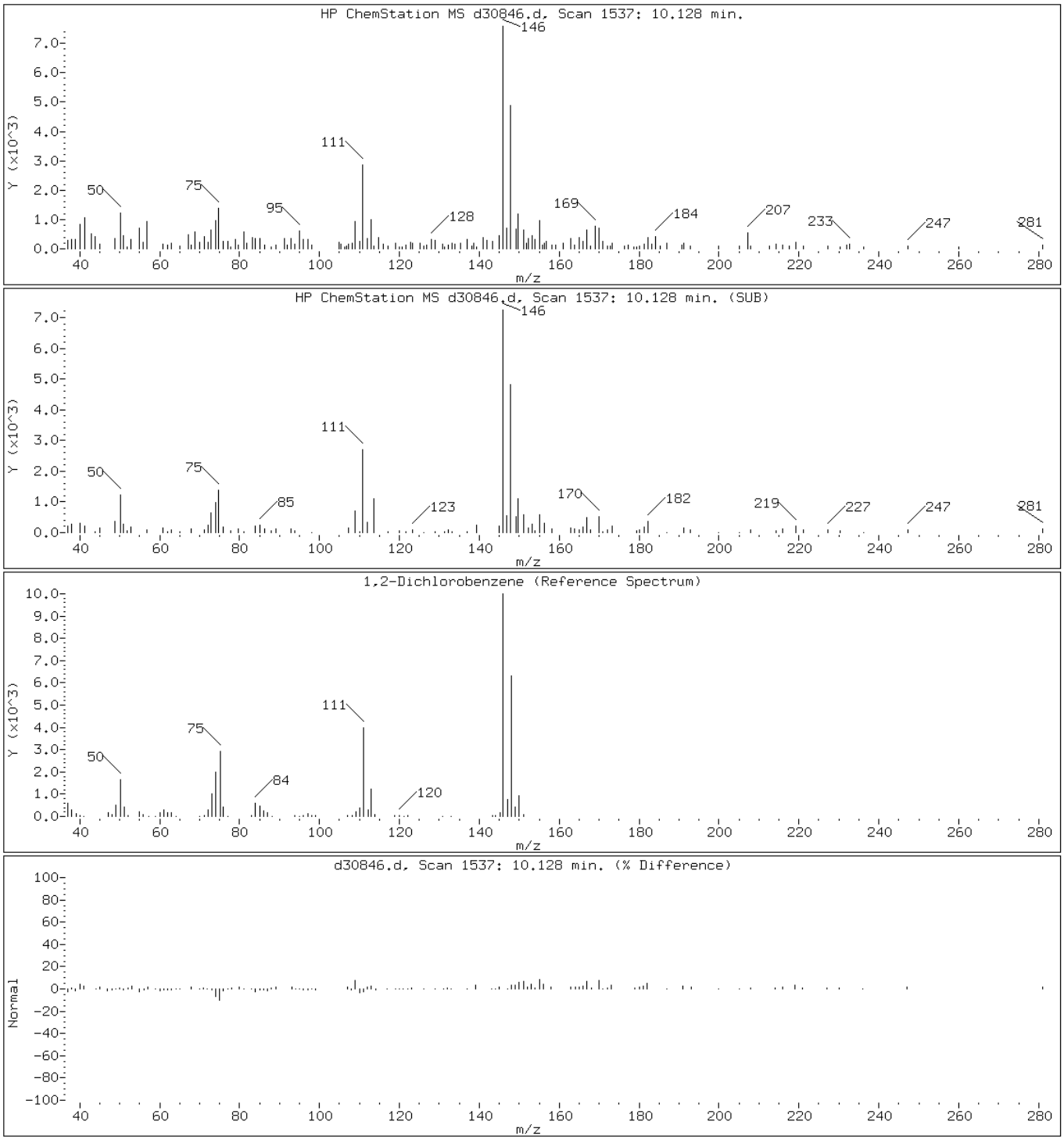
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



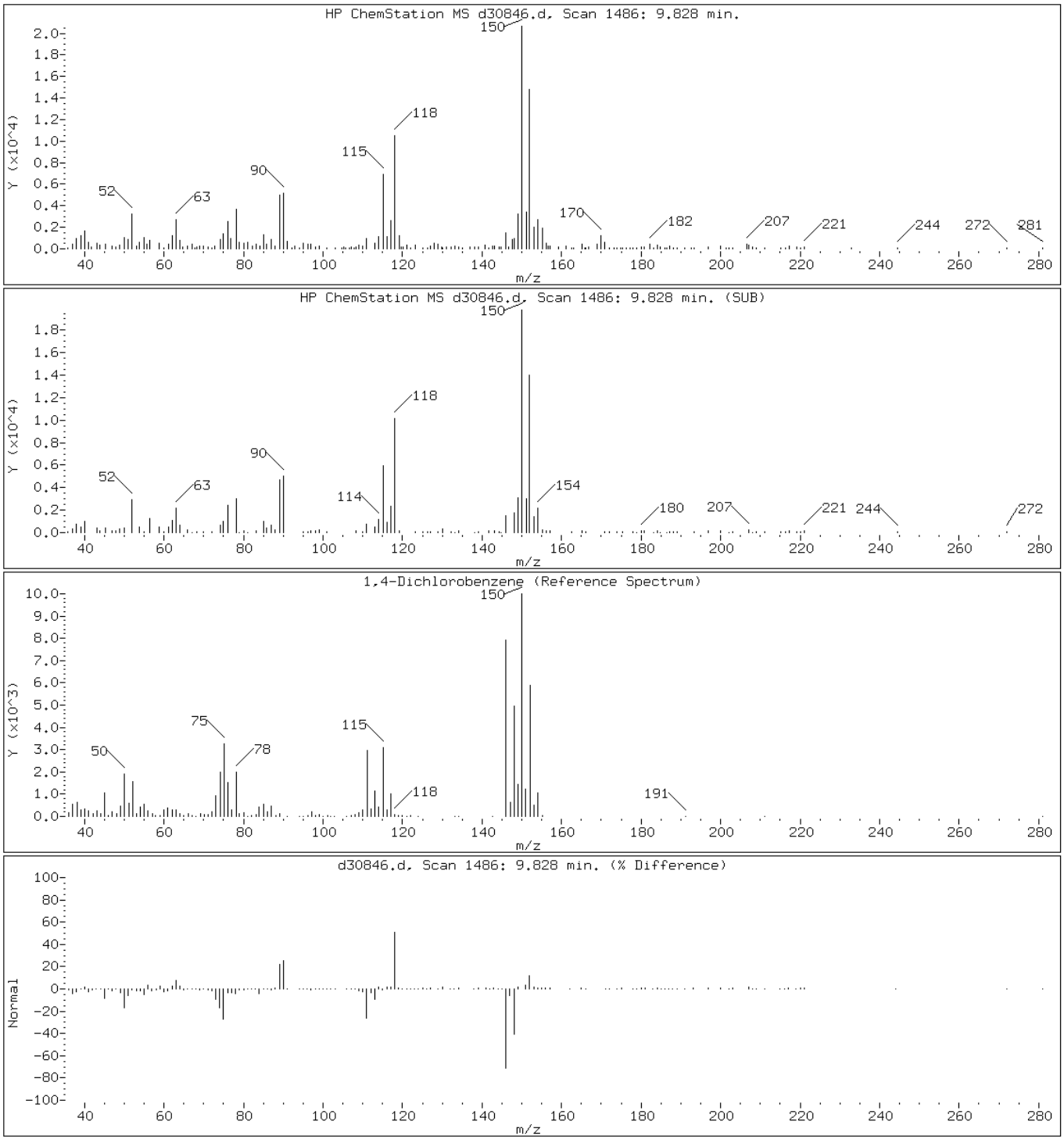
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



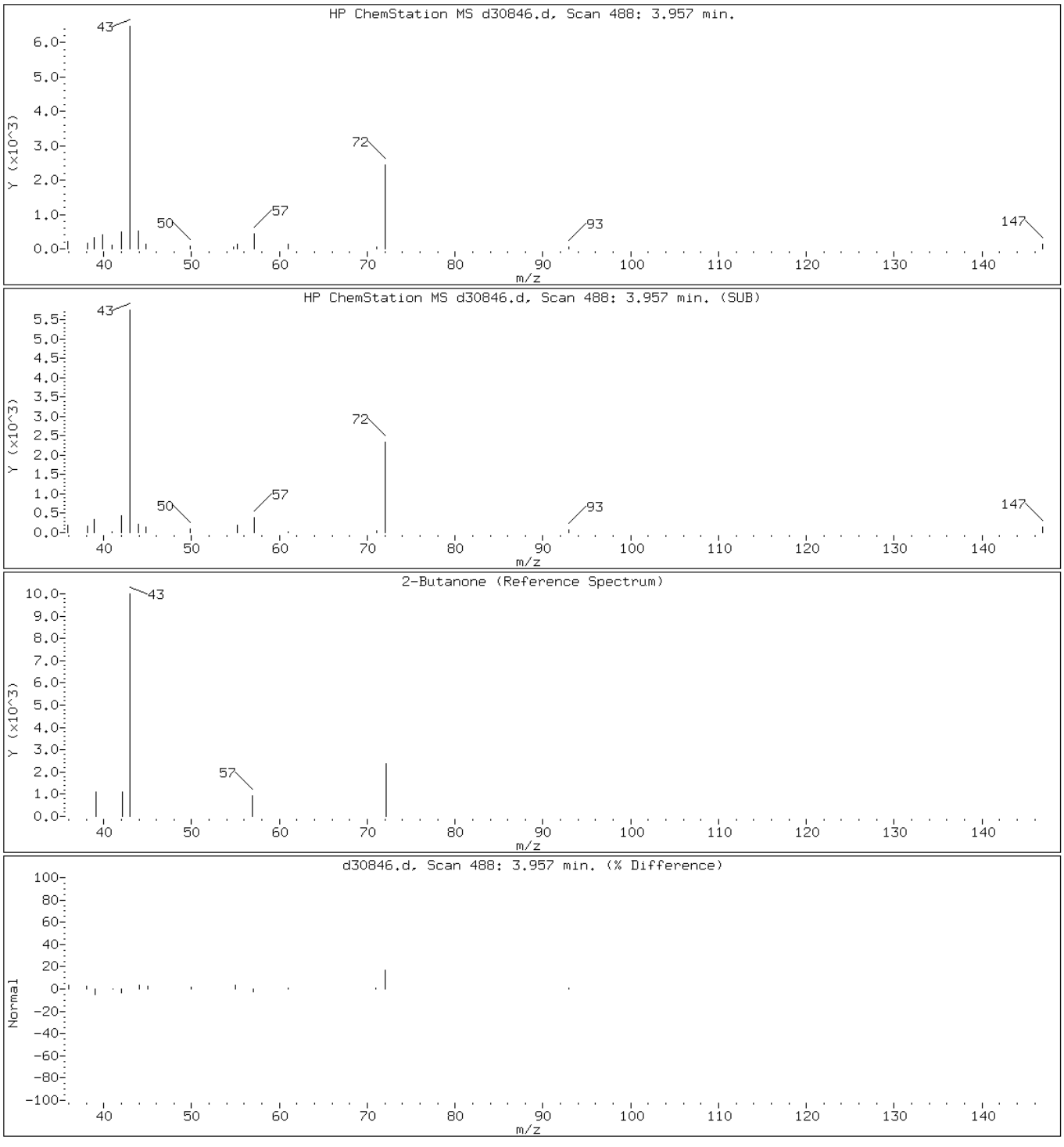
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

18 2-Butanone



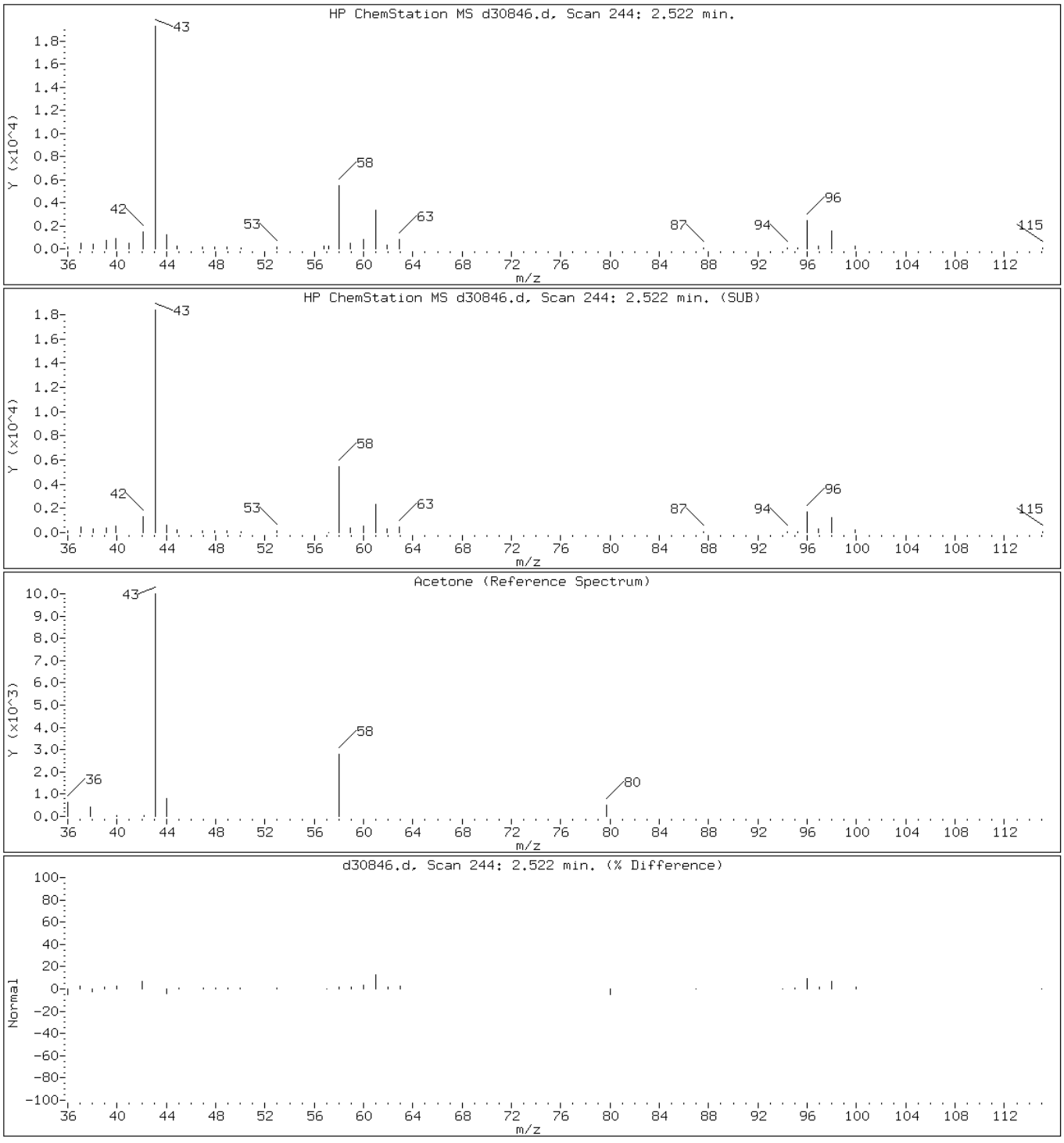
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

7 Acetone



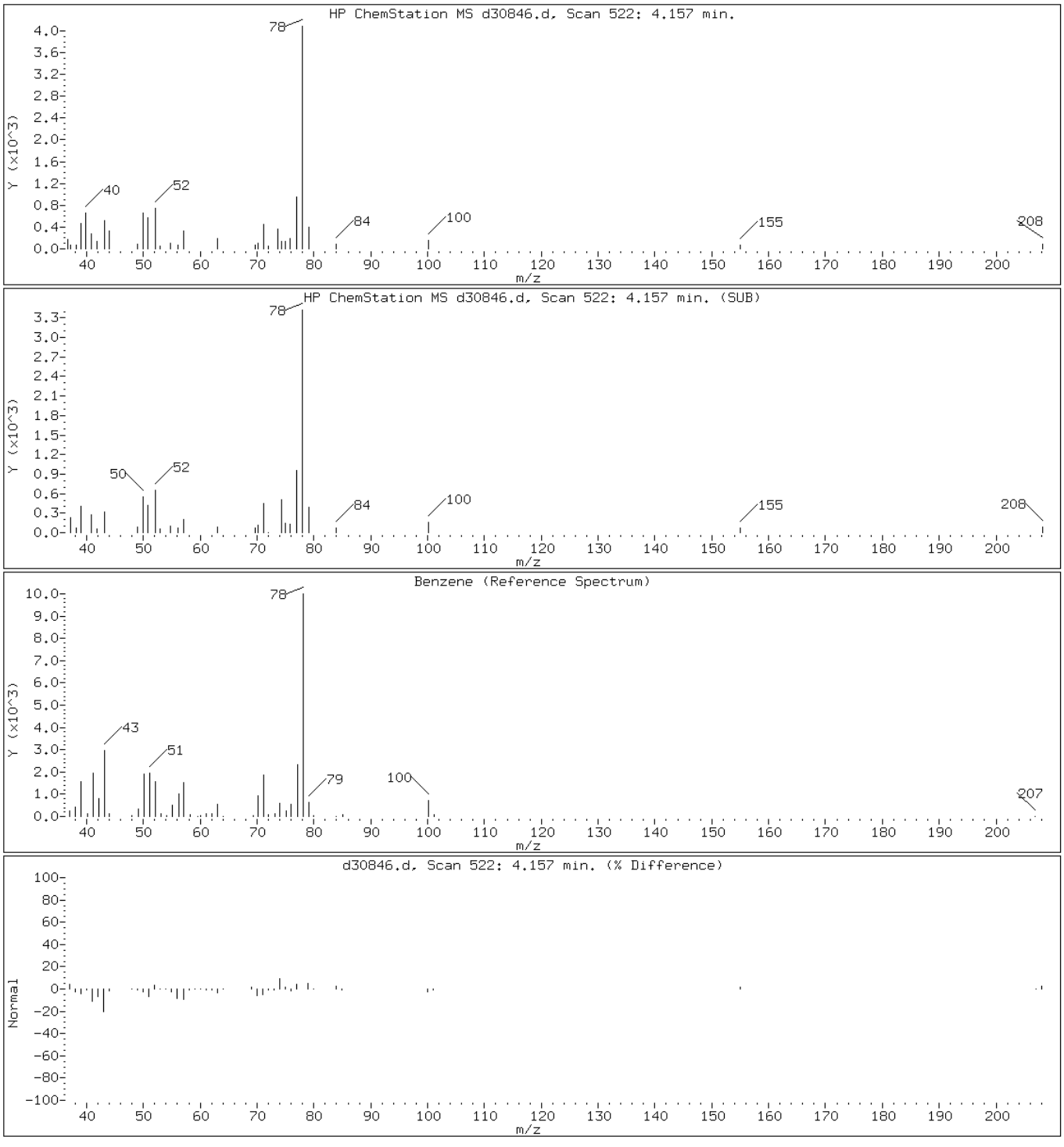
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

28 Benzene



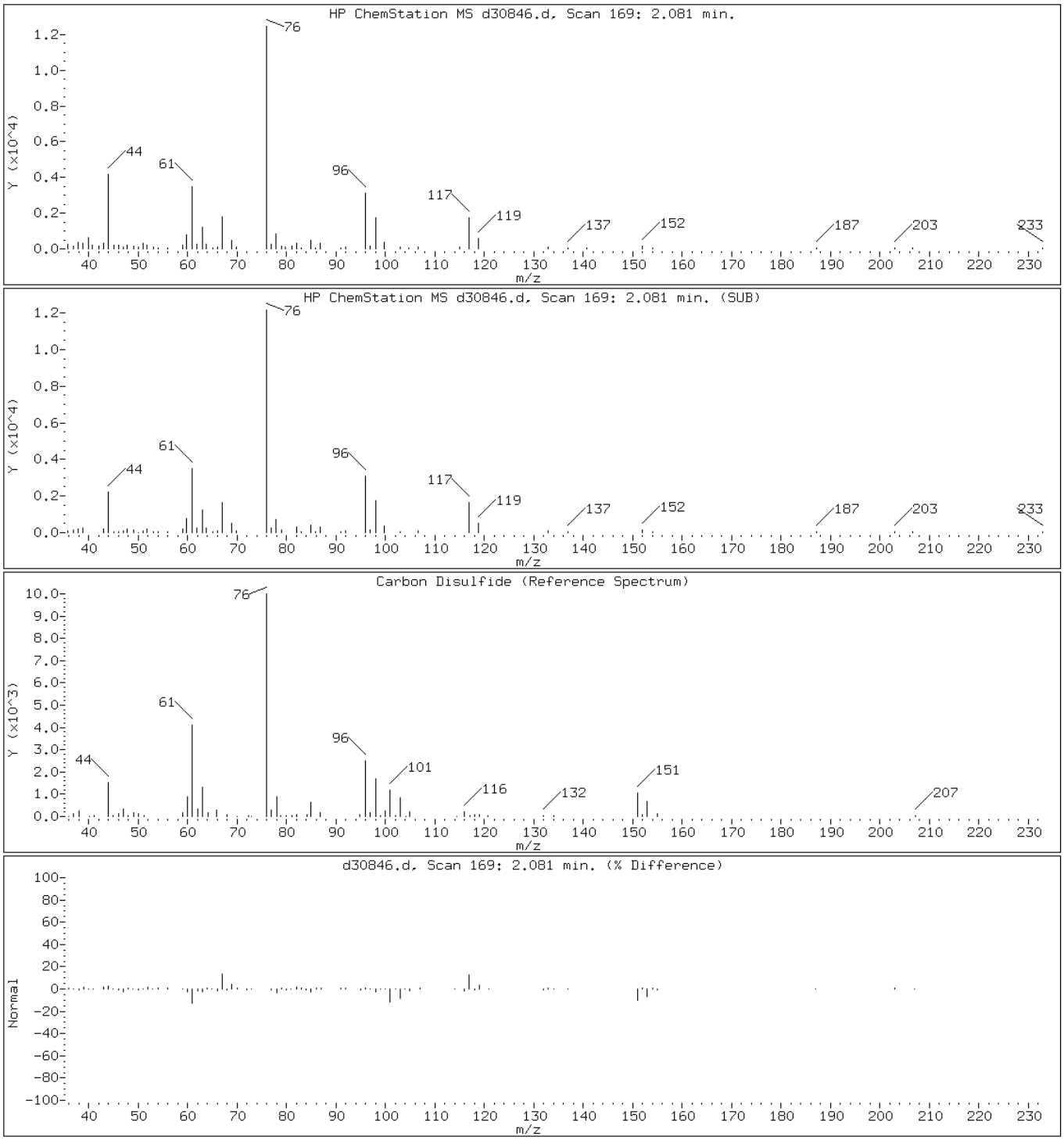
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

8 Carbon Disulfide



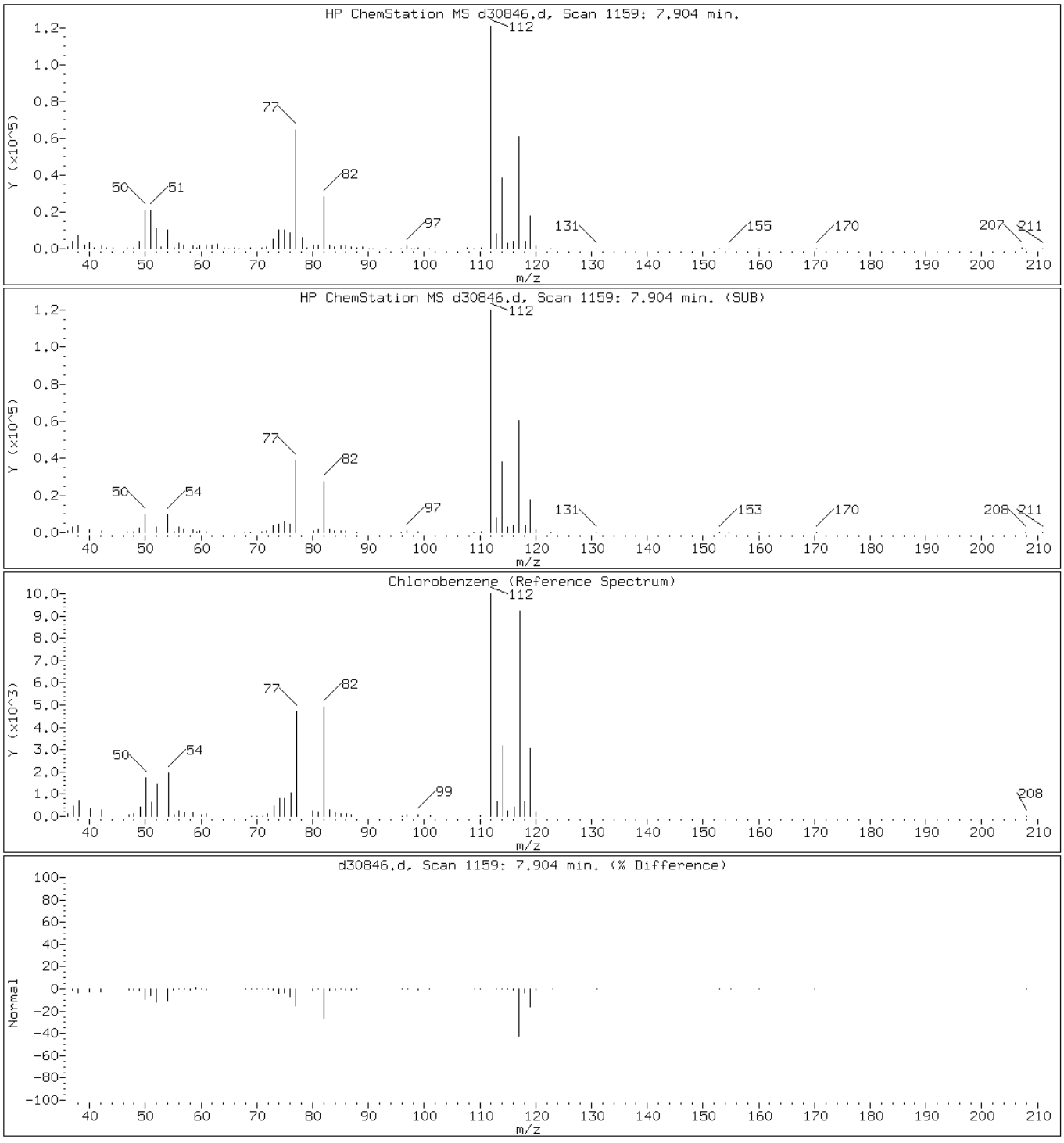
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

39 Chlorobenzene



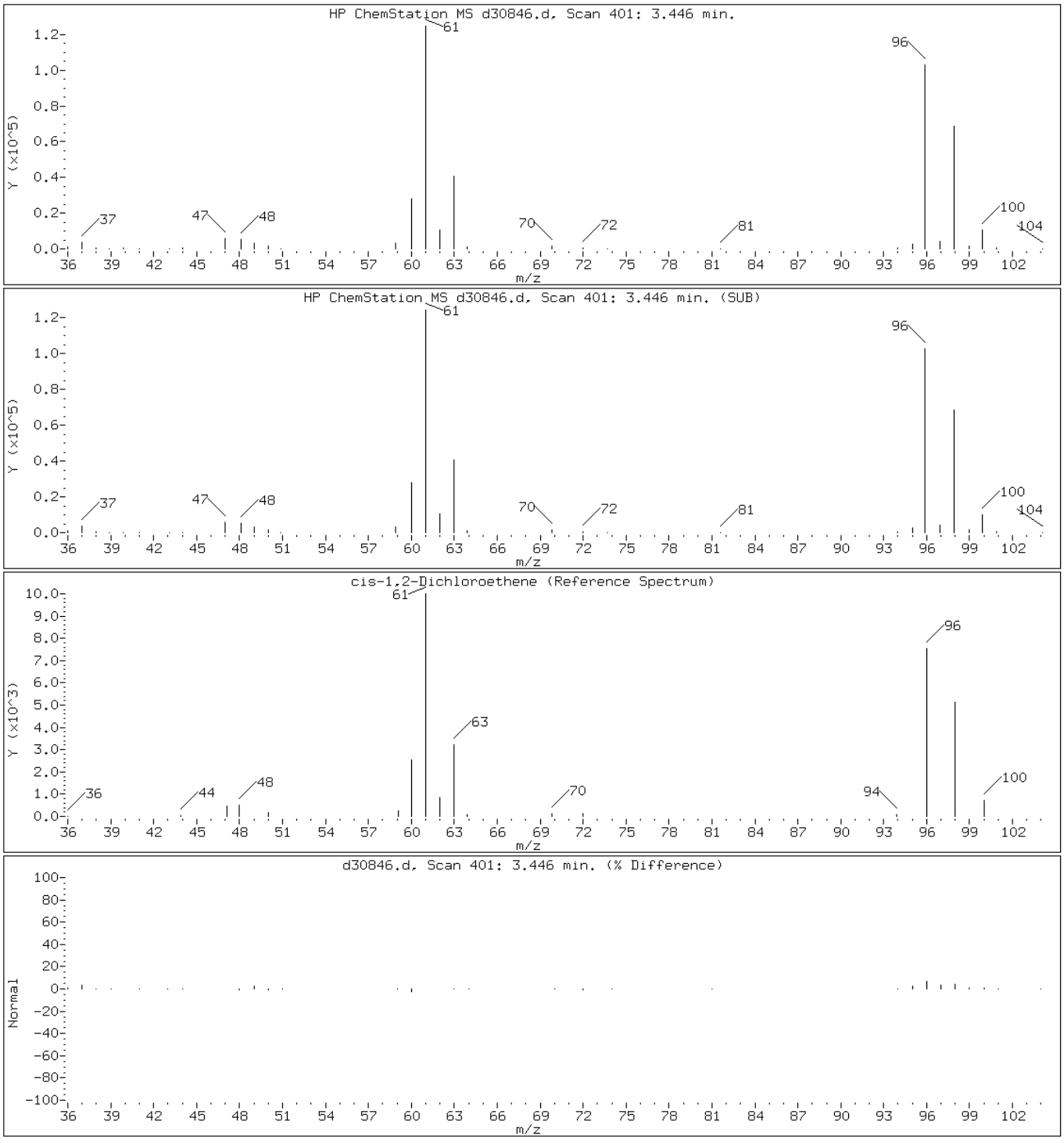
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



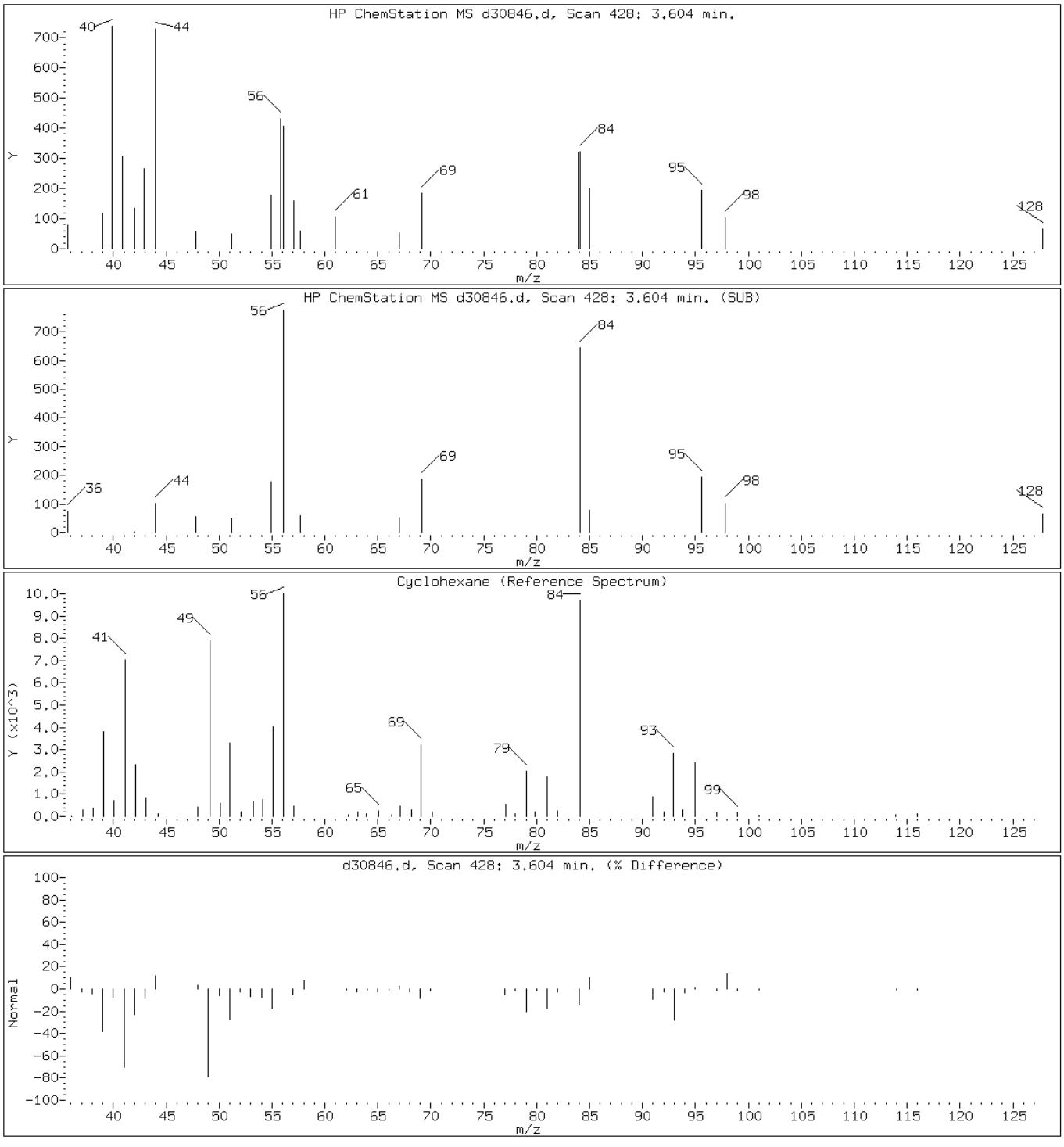
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

59 Cyclohexane



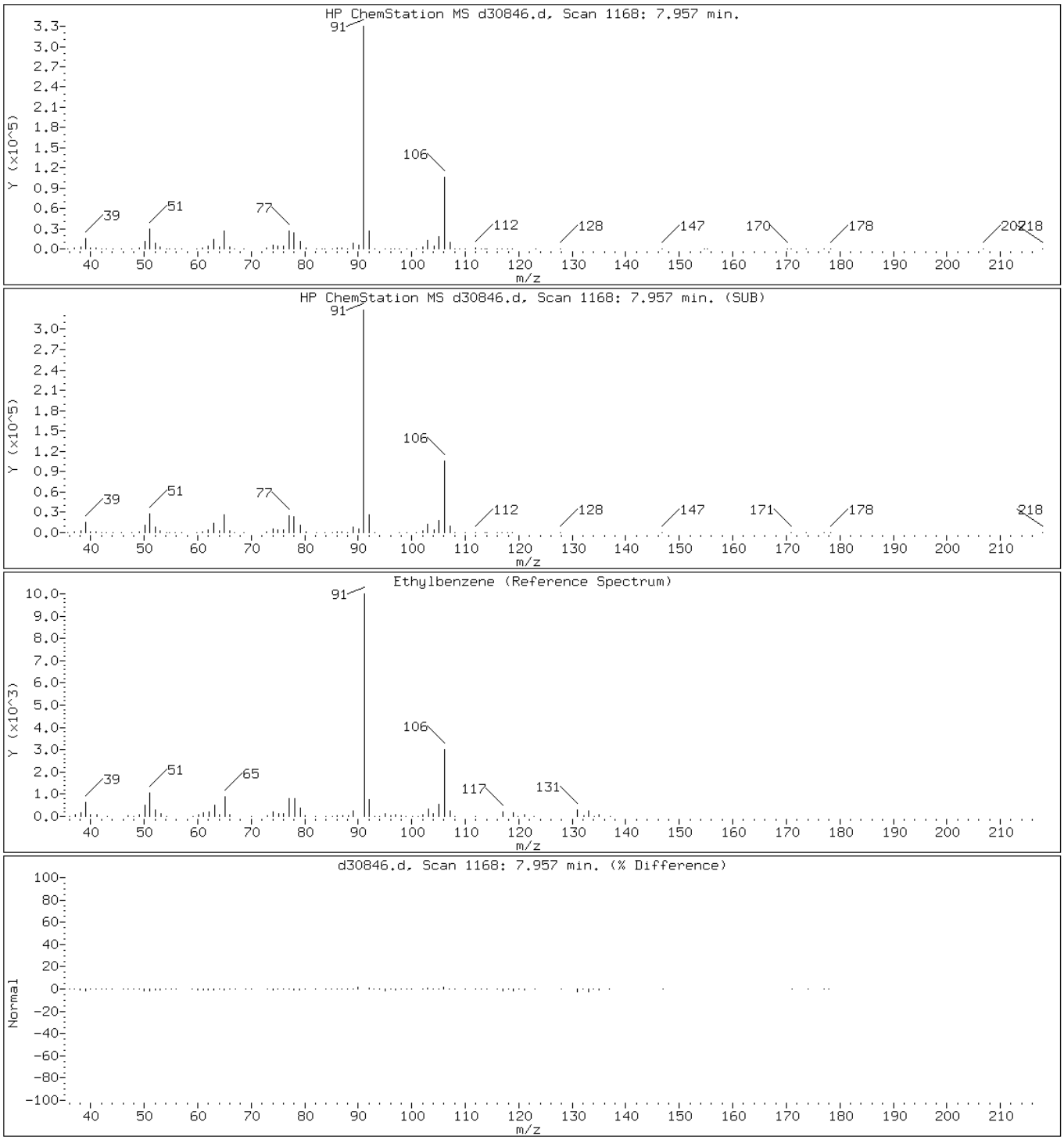
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

40 Ethylbenzene



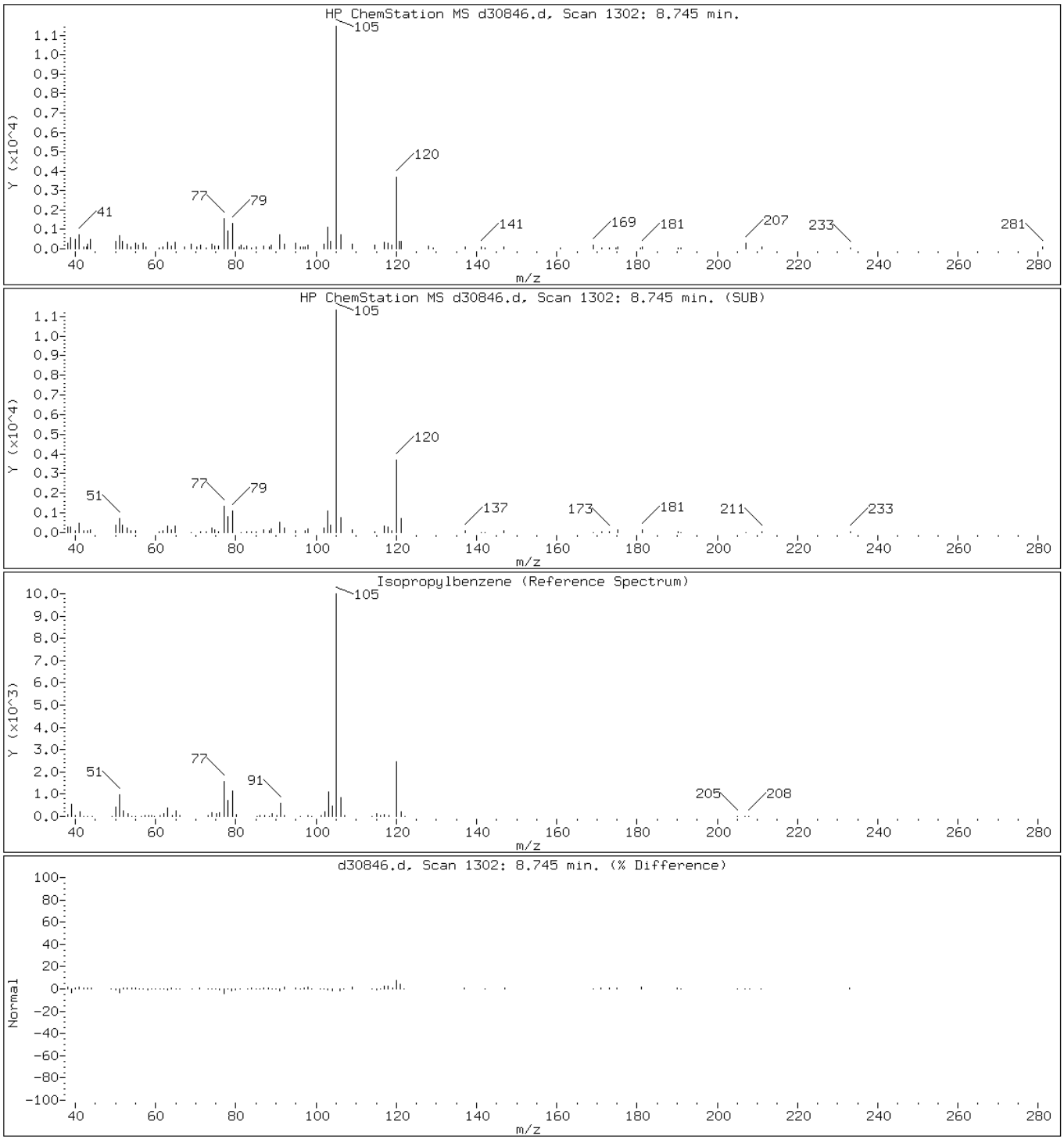
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

110 Isopropylbenzene



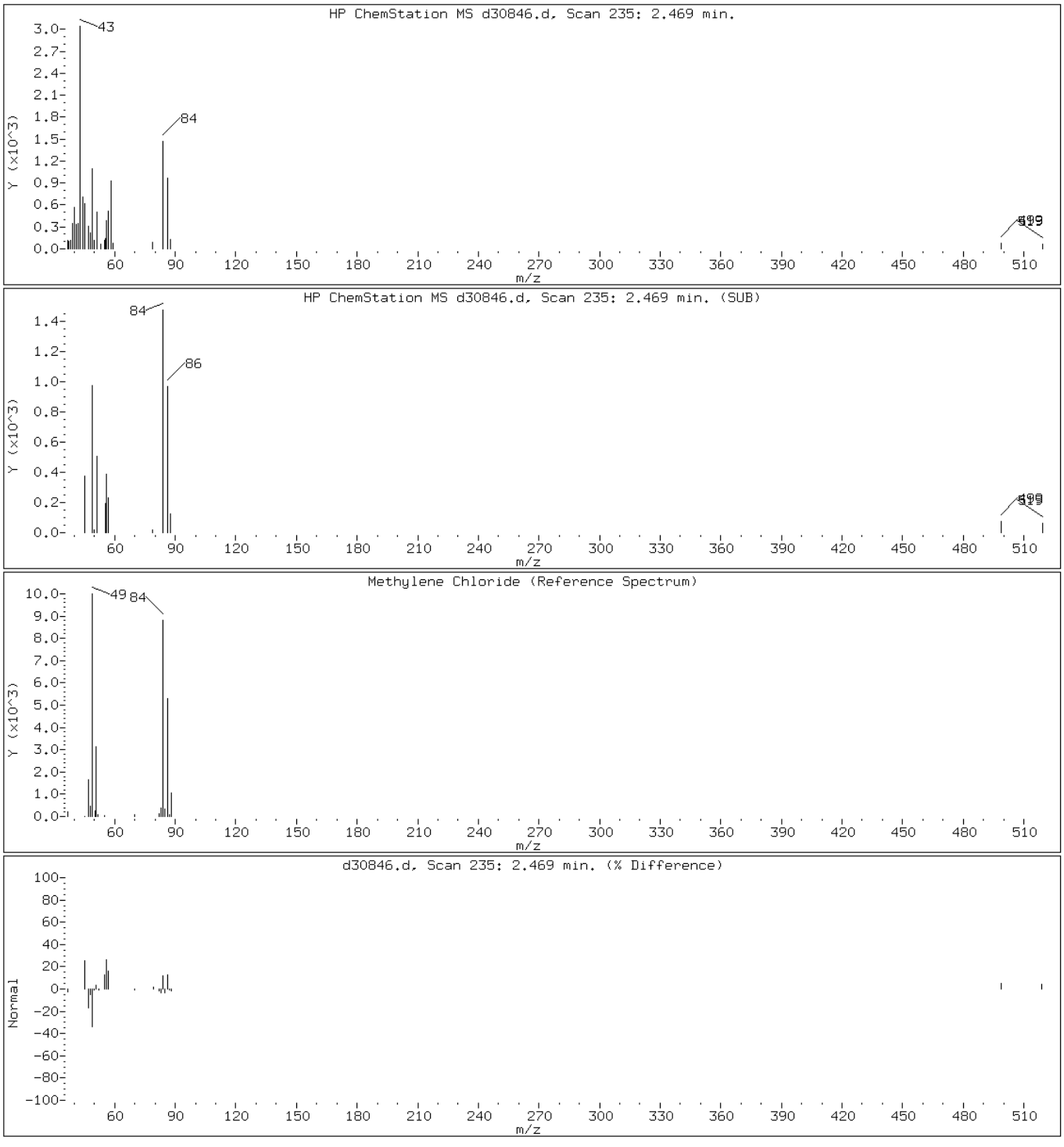
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

6 Methylene Chloride



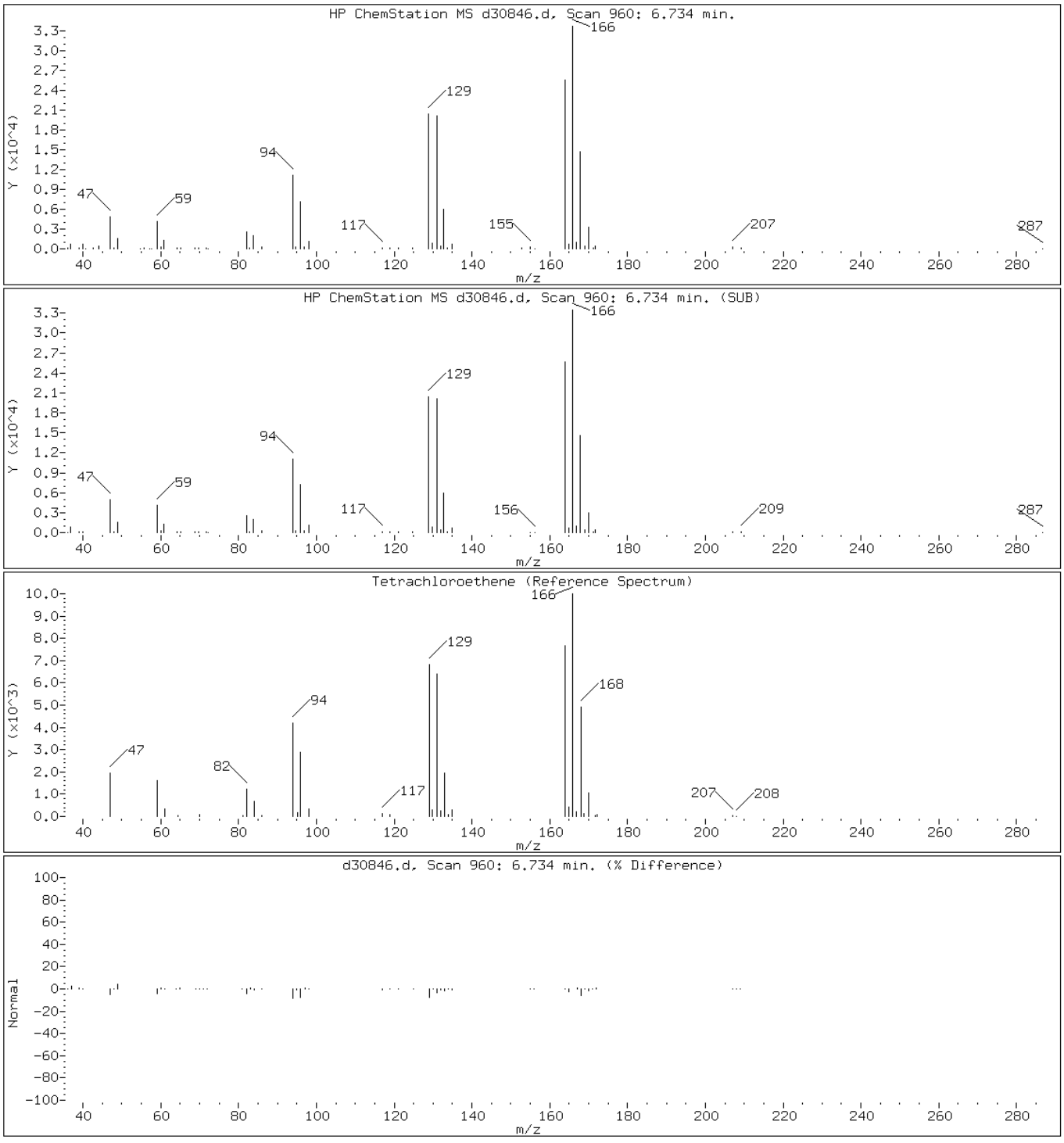
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

35 Tetrachloroethene



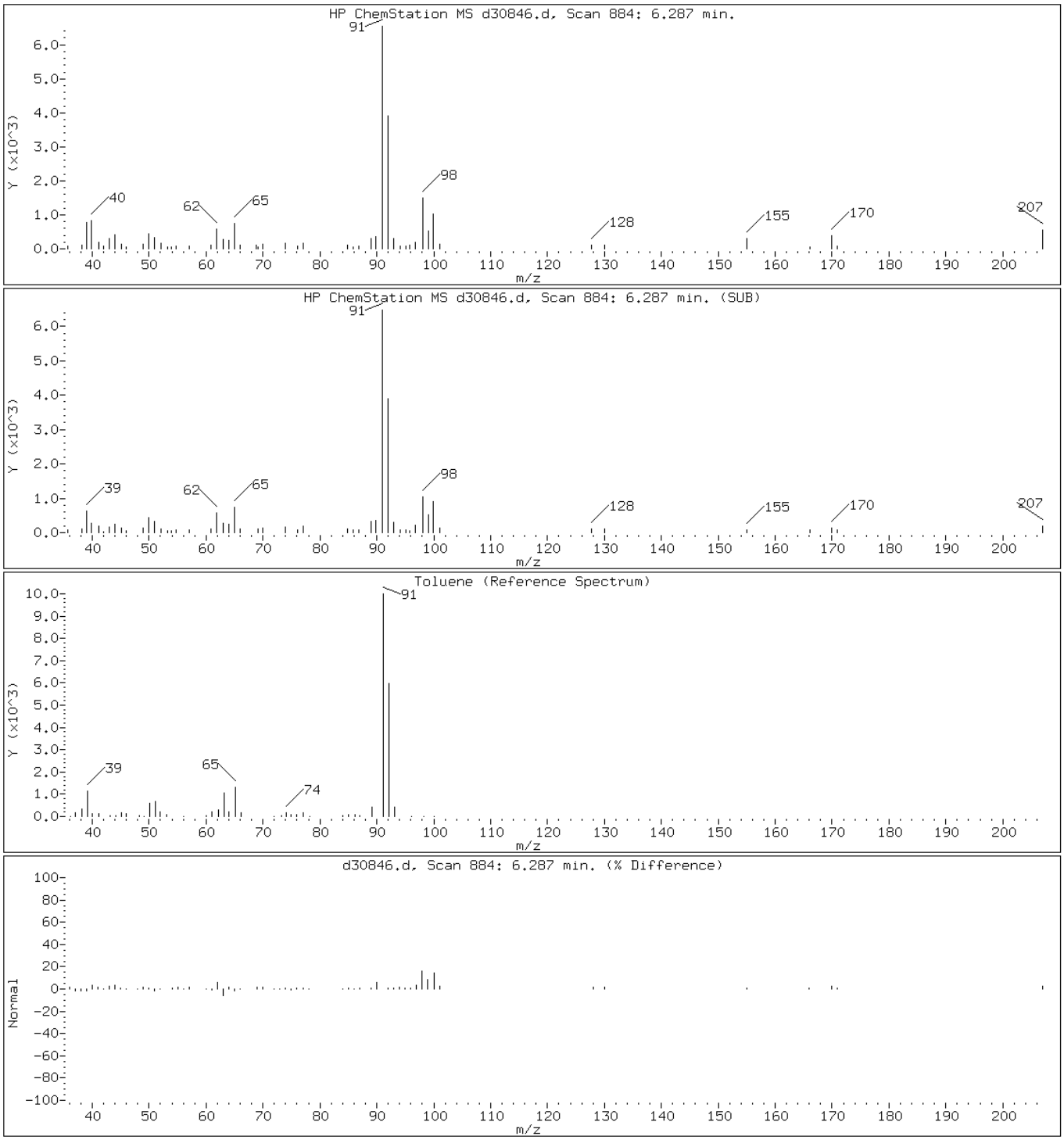
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

38 Toluene



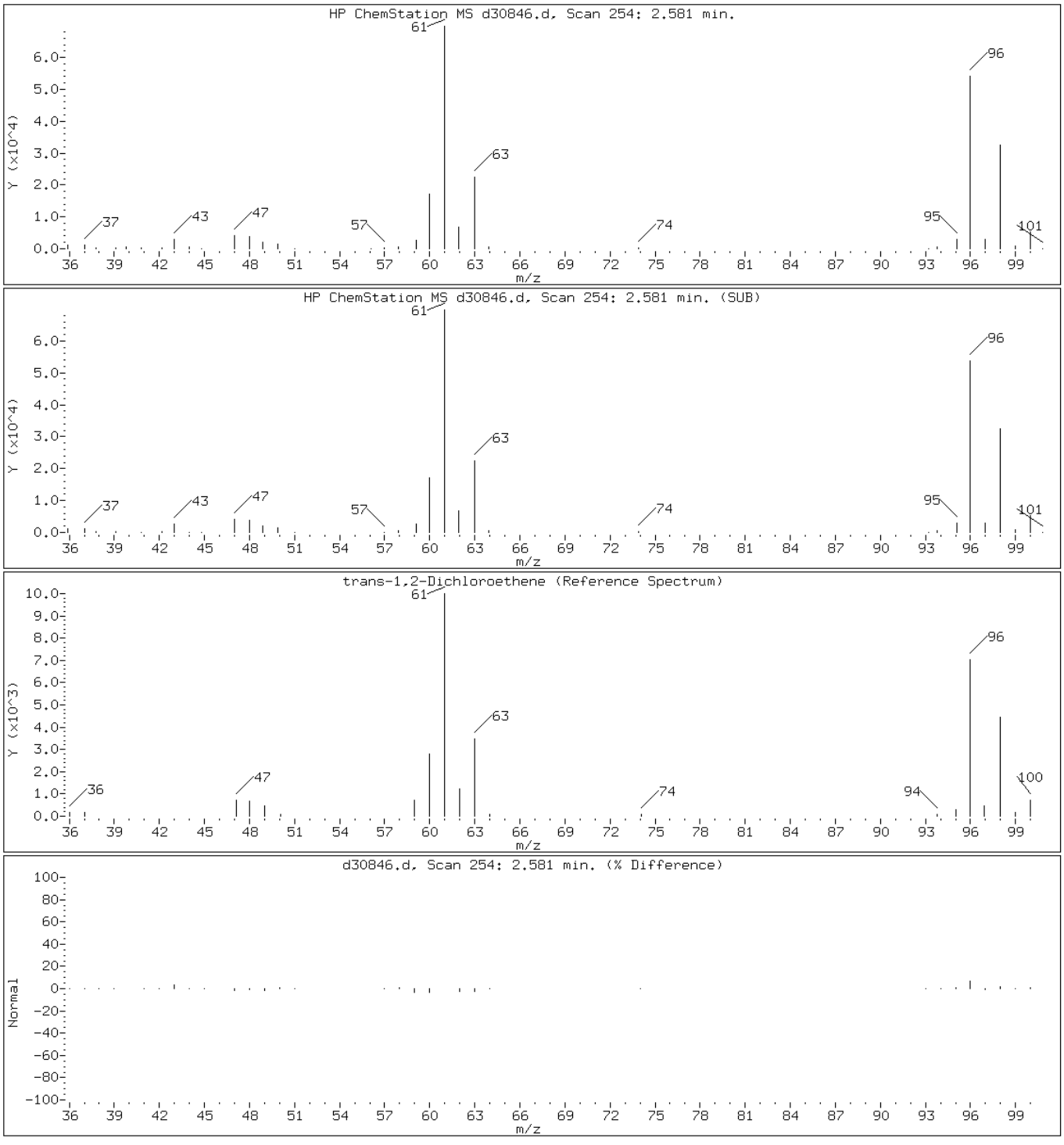
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

12 trans-1,2-Dichloroethene



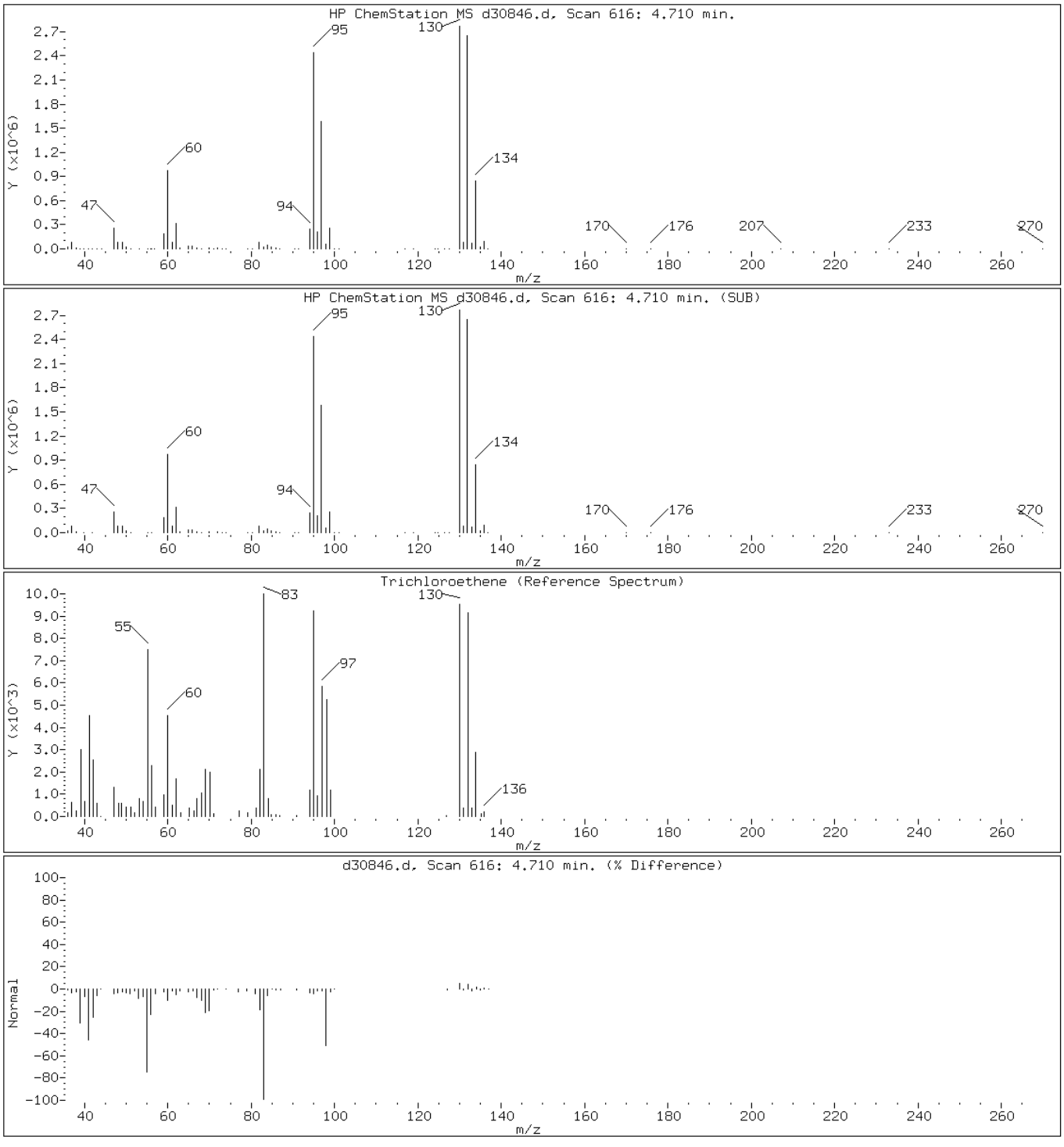
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

25 Trichloroethene



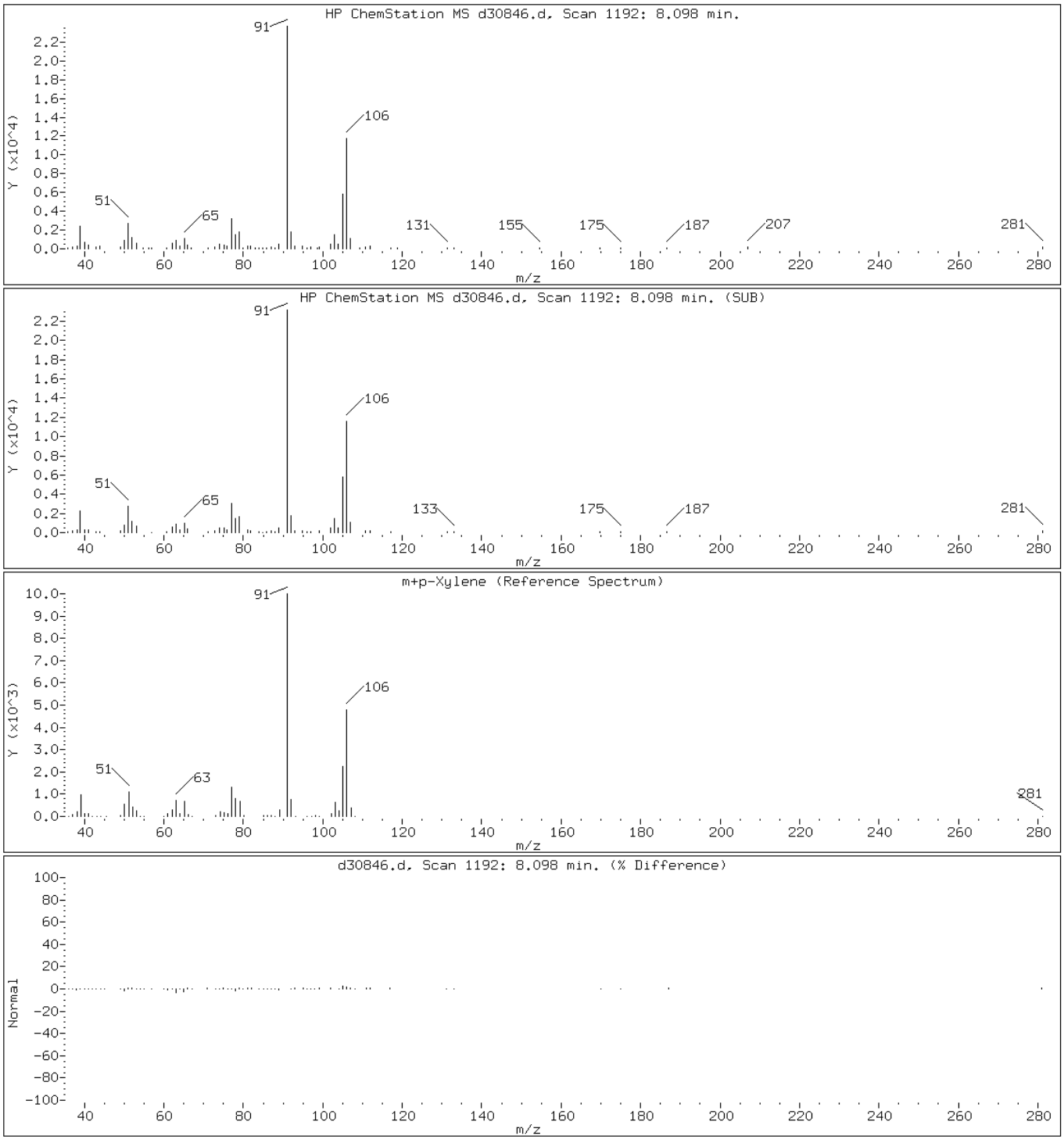
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

43 m+p-Xylene



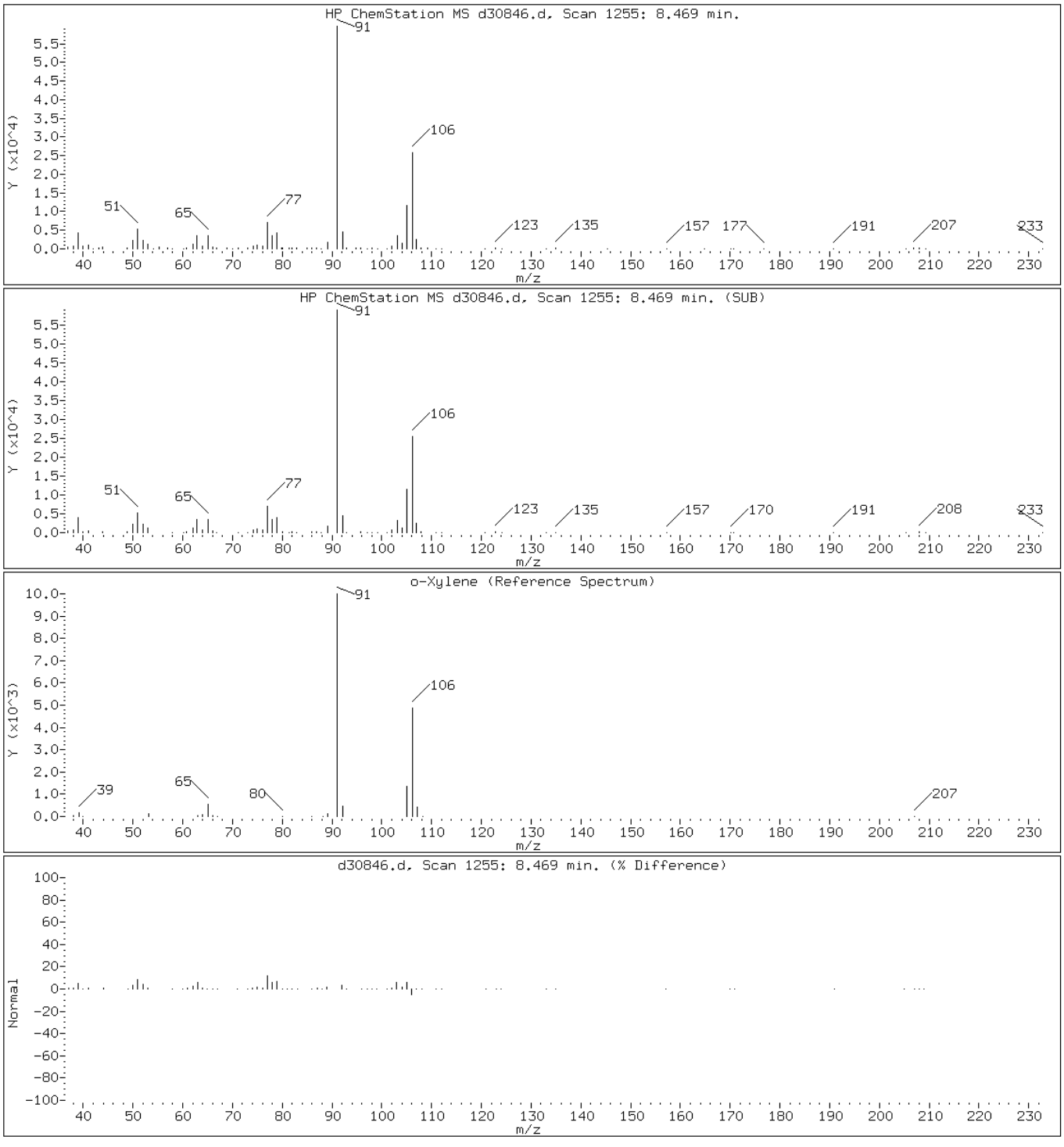
Data File: d30846.d

Date: 23-MAR-2013 12:45

Client ID: PMP-13-NE-SD Instrument: VOAMS4.i

Sample Info: 460-52450-D-33-A;;;6.36;5 Operator: VOAMS 9

44 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD DL | Lab Sample ID: 460-52450-33 DL

Matrix: Solid | Lab File ID: b53782.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:50

Sample wt/vol: 4.59(g) | Date Analyzed: 03/25/2013 10:51

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.0 | Level: (low/med) Medium

Analysis Batch No.: 152550 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	4.2	U	67	4.2
79-34-5	1,1,2,2-Tetrachloroethane	11	U	67	11
79-00-5	1,1,2-Trichloroethane	13	U	67	13
75-34-3	1,1-Dichloroethane	8.8	U	67	8.8
75-35-4	1,1-Dichloroethene	5.9	U	67	5.9
87-61-6	1,2,3-Trichlorobenzene	34	U	67	34
120-82-1	1,2,4-Trichlorobenzene	23	U	67	23
96-12-8	1,2-Dibromo-3-Chloropropane	27	U	67	27
106-93-4	1,2-Dibromoethane	19	U	67	19
95-50-1	1,2-Dichlorobenzene	14	U	67	14
107-06-2	1,2-Dichloroethane	13	U	67	13
78-87-5	1,2-Dichloropropane	5.8	U	67	5.8
541-73-1	1,3-Dichlorobenzene	9.1	U	67	9.1
106-46-7	1,4-Dichlorobenzene	16	U	67	16
123-91-1	1,4-Dioxane	2400	U	3400	2400
78-93-3	2-Butanone	160	U	340	160
591-78-6	2-Hexanone	34	U	340	34
108-10-1	4-Methyl-2-pentanone	66	U	340	66
67-64-1	Acetone	180	U	340	180
71-43-2	Benzene	5.6	U	67	5.6
74-97-5	Bromochloromethane	18	U	67	18
75-27-4	Bromodichloromethane	8.4	U	67	8.4
75-25-2	Bromoform	13	U	67	13
74-83-9	Bromomethane	12	U	67	12
75-15-0	Carbon disulfide	8.4	U	67	8.4
56-23-5	Carbon tetrachloride	3.8	U	67	3.8
108-90-7	Chlorobenzene	18	J D	67	7.4
75-00-3	Chloroethane	11	U	67	11
67-66-3	Chloroform	5.3	U	67	5.3
74-87-3	Chloromethane	6.5	U	67	6.5
156-59-2	cis-1,2-Dichloroethene	29	J D	67	12
10061-01-5	cis-1,3-Dichloropropene	12	U	67	12
110-82-7	Cyclohexane	11	U	67	11
124-48-1	Dibromochloromethane	13	U	67	13
75-71-8	Dichlorodifluoromethane	14	U	67	14
100-41-4	Ethylbenzene	25	J D	67	6.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD DL | Lab Sample ID: 460-52450-33 DL

Matrix: Solid | Lab File ID: b53782.d

Analysis Method: 8260B | Date Collected: 03/14/2013 15:50

Sample wt/vol: 4.59(g) | Date Analyzed: 03/25/2013 10:51

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.0 | Level: (low/med) Medium

Analysis Batch No.: 152550 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	5.5	U	67	5.5
98-82-8	Isopropylbenzene	5.2	U	67	5.2
79-20-9	Methyl acetate	23	U	130	23
108-87-2	Methylcyclohexane	9.1	U	67	9.1
75-09-2	Methylene Chloride	12	U	67	12
1634-04-4	MTBE	9.3	U	67	9.3
100-42-5	Styrene	8.0	U	67	8.0
127-18-4	Tetrachloroethene	23	J D	67	6.5
108-88-3	Toluene	10	U	67	10
156-60-5	trans-1,2-Dichloroethene	8.7	U	67	8.7
10061-02-6	trans-1,3-Dichloropropene	16	U	67	16
79-01-6	Trichloroethene	360	D	67	6.2
75-69-4	Trichlorofluoromethane	9.8	U	67	9.8
75-01-4	Vinyl chloride	9.7	U	67	9.7
1330-20-7	Xylenes, Total	24	U	200	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	D	75-135
2037-26-5	Toluene-d8 (Surr)	85	D	59-150
460-00-4	Bromofluorobenzene	108	D	72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD DL Lab Sample ID: 460-52450-33 DL

Matrix: Solid Lab File ID: b53782.d

Analysis Method: 8260B Date Collected: 03/14/2013 15:50

Sample wt/vol: 4.59(g) Date Analyzed: 03/25/2013 10:51

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.0 Level: (low/med) Medium

Analysis Batch No.: 152550 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53782.d
Report Date: 27-Mar-2013 19:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53782.d
Lab Smp Id: 460-52450-B-33-A Client Smp ID: PMP-13-NE-SD
Inj Date : 25-MAR-2013 10:51
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-33-A;50;;4.59;5
Misc Info : 460-52450-B-33-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/8260_09.m
Meth Date : 25-Mar-2013 04:12 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 19
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	5.00000	Volume of final extract (mL)
Ws	4.59000	Weight of sample extracted (g)
M	18.99827	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	36 cis-1,2-Dichloroethene	96	4.007	3.998	(0.764)	1571	0.42666	29(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.920	4.912	(0.939)	166085	48.9072	3300
*	52 Fluorobenzene	96	5.241	5.241	(1.000)	572869	50.0000	
	54 Trichloroethene	95	5.669	5.669	(1.082)	20415	5.39756	360
$	65 Toluene-d8 (SUR)	98	7.241	7.233	(0.823)	387479	42.6628	2900
	71 Tetrachloroethene	166	7.891	7.891	(0.897)	1209	0.33857	23(a)
*	78 Chlorobenzene-d5	117	8.796	8.788	(1.000)	447729	50.0000	
	79 Chlorobenzene	112	8.821	8.821	(1.003)	2709	0.26263	18(a)
	81 Ethylbenzene	106	8.903	8.903	(1.012)	1895	0.37106	25(a)
$	89 Bromofluorobenzene (SUR)	174	9.883	9.883	(0.912)	178781	53.9416	3600
*	108 1,4-Dichlorobenzene-d4	152	10.837	10.837	(1.000)	226421	50.0000	
M	120 1,2-Dichloroethene (Total)	100				1571	0.42666	29(a)

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53782.d
Report Date: 27-Mar-2013 19:01

QC Flag Legend

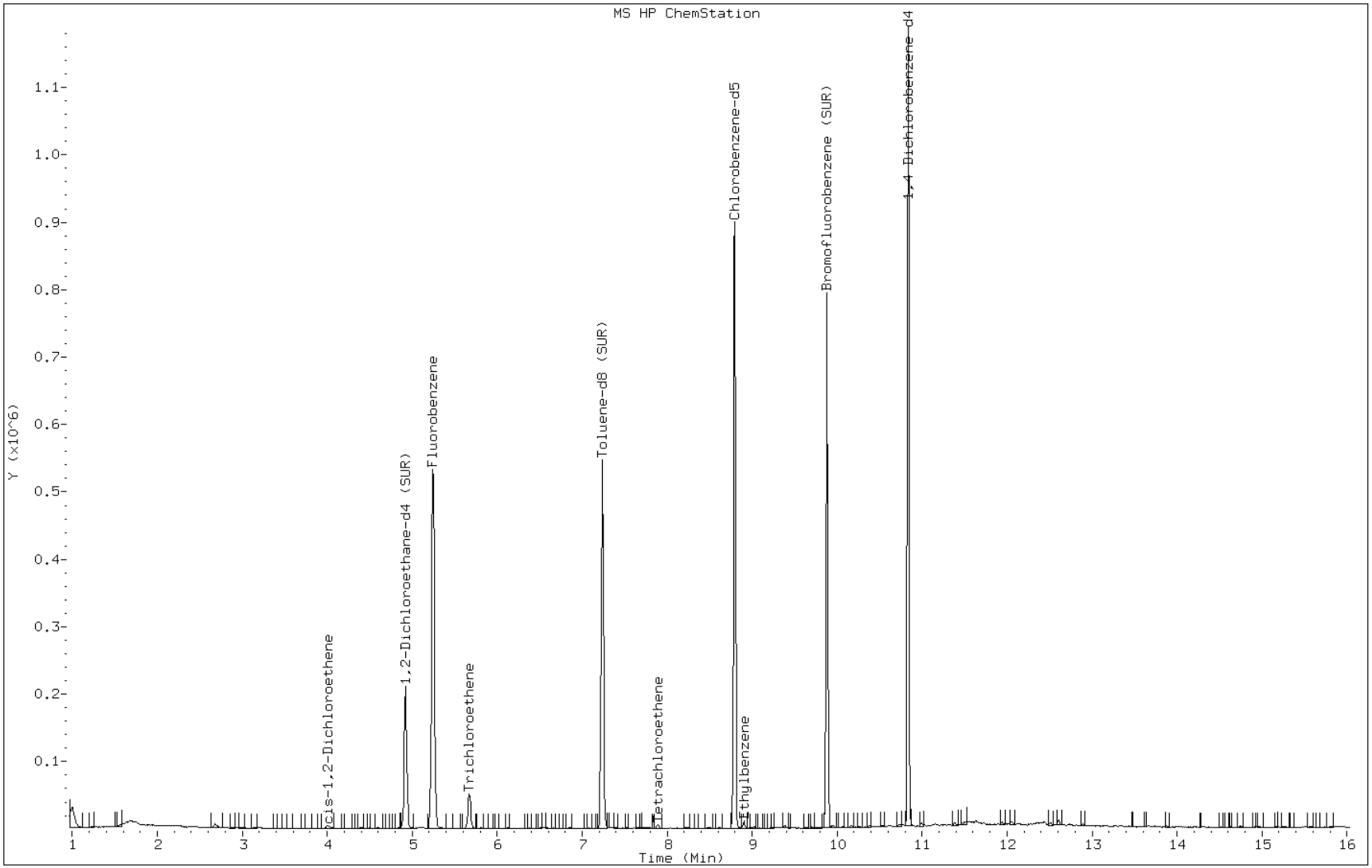
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: b53782.d

Date: 25-MAR-2013 10:51

Client ID: PMP-13-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-33-A;50;;4.59;5 Operator:



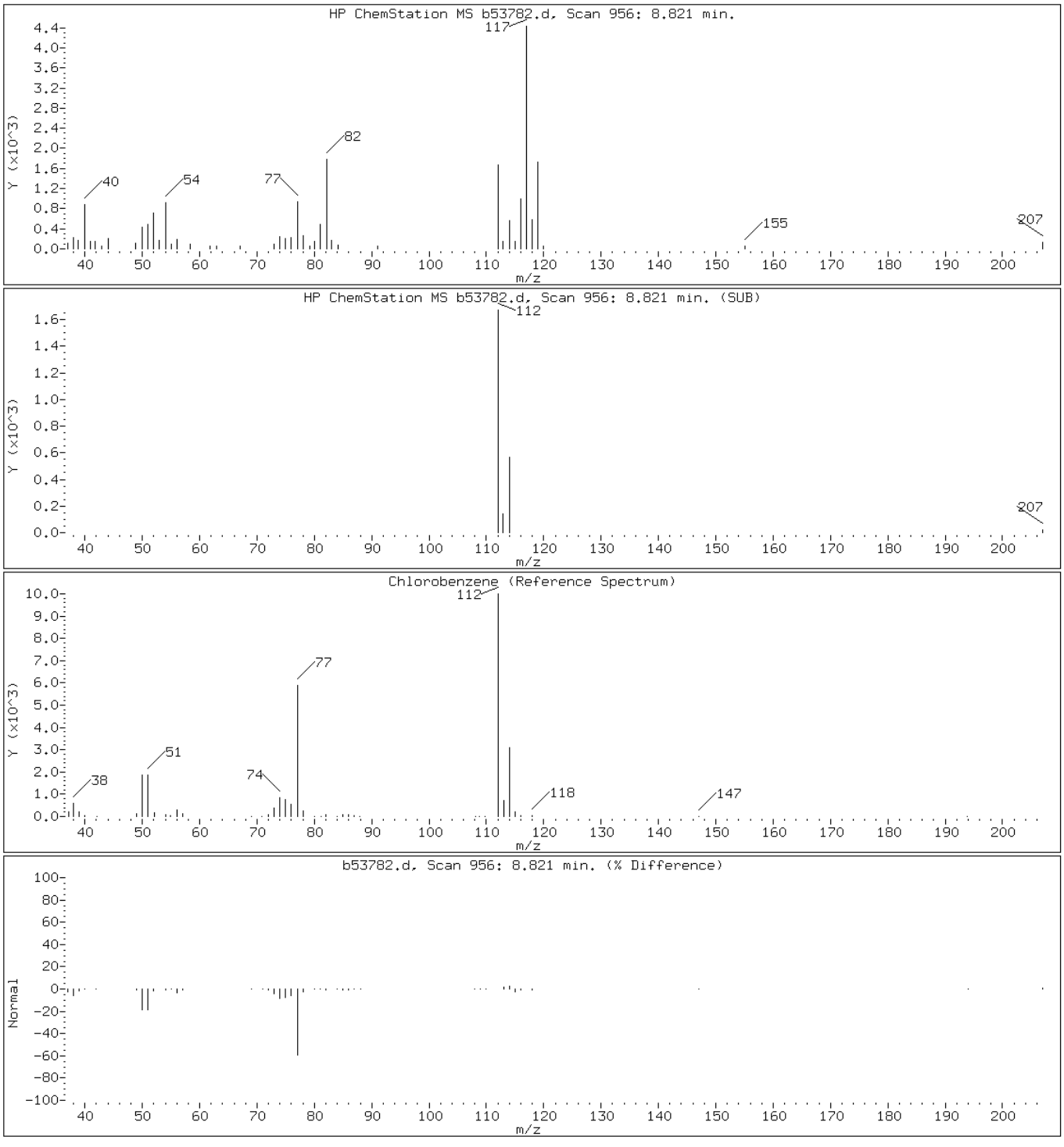
Data File: b53782.d

Date: 25-MAR-2013 10:51

Client ID: PMP-13-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-33-A;50;;4.59;5 Operator:

79 Chlorobenzene



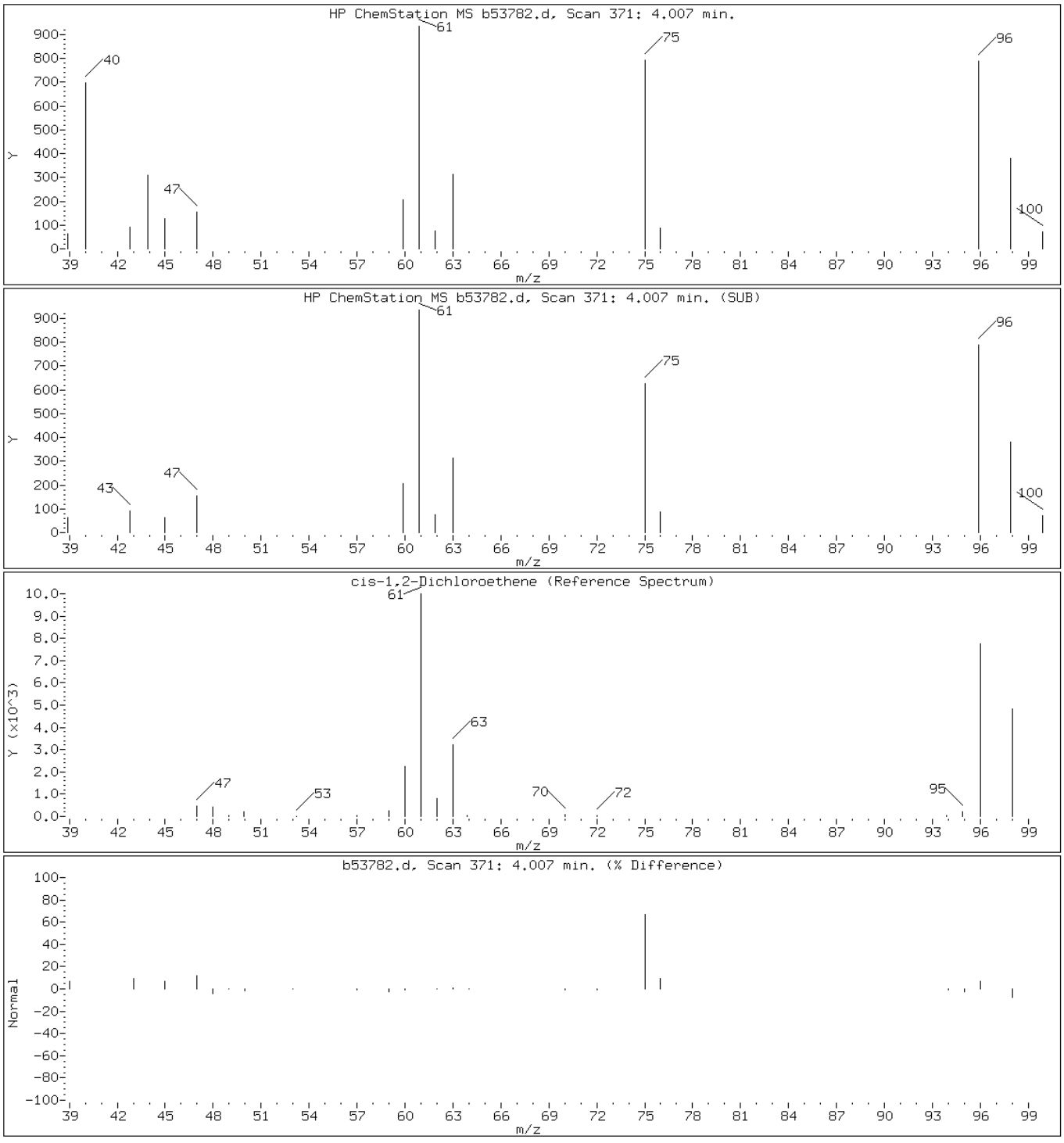
Data File: b53782.d

Date: 25-MAR-2013 10:51

Client ID: PMP-13-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-33-A;50;;4.59;5 Operator:

36 cis-1,2-Dichloroethene



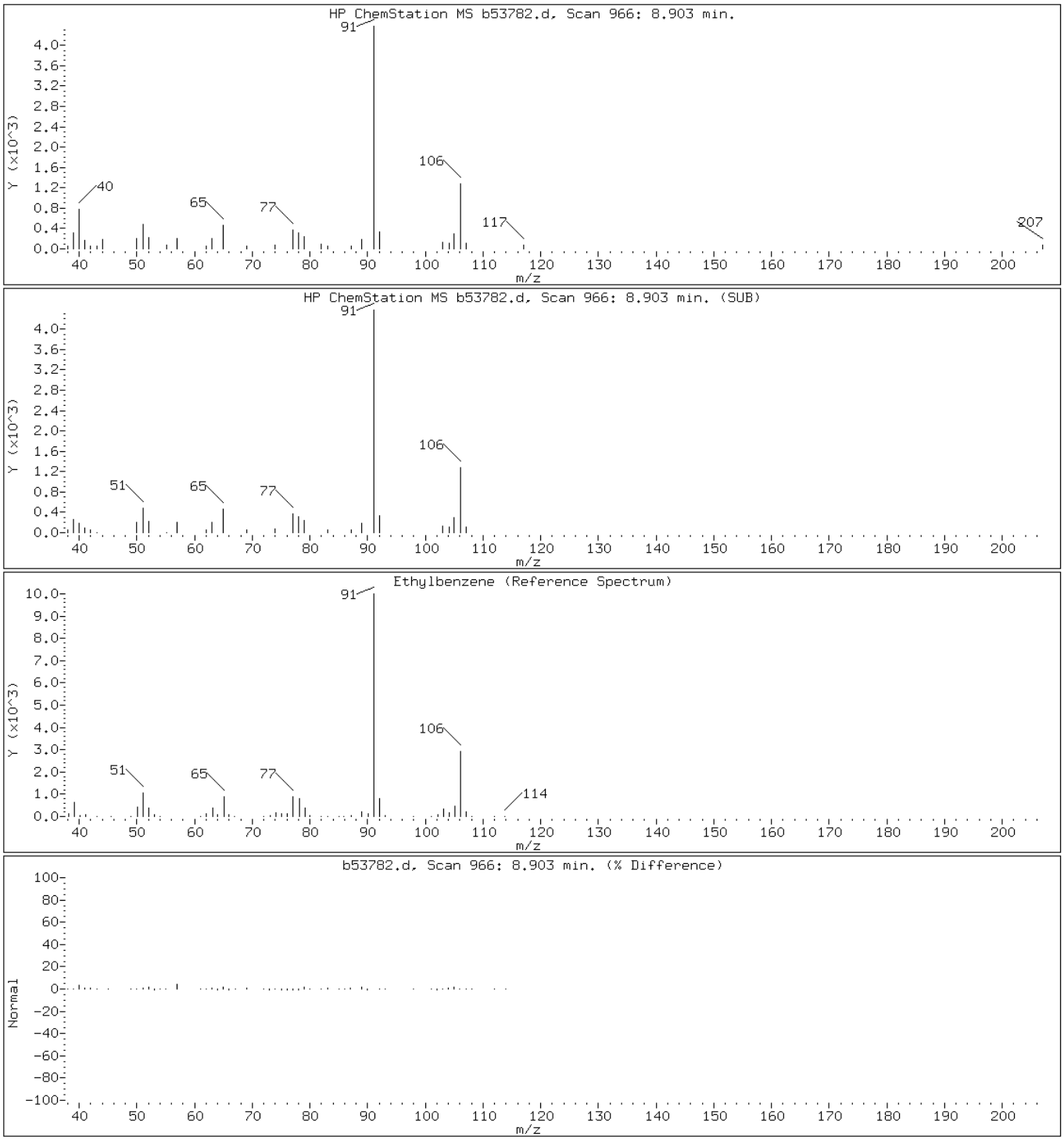
Data File: b53782.d

Date: 25-MAR-2013 10:51

Client ID: PMP-13-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-33-A;50;;4.59;5 Operator:

81 Ethylbenzene



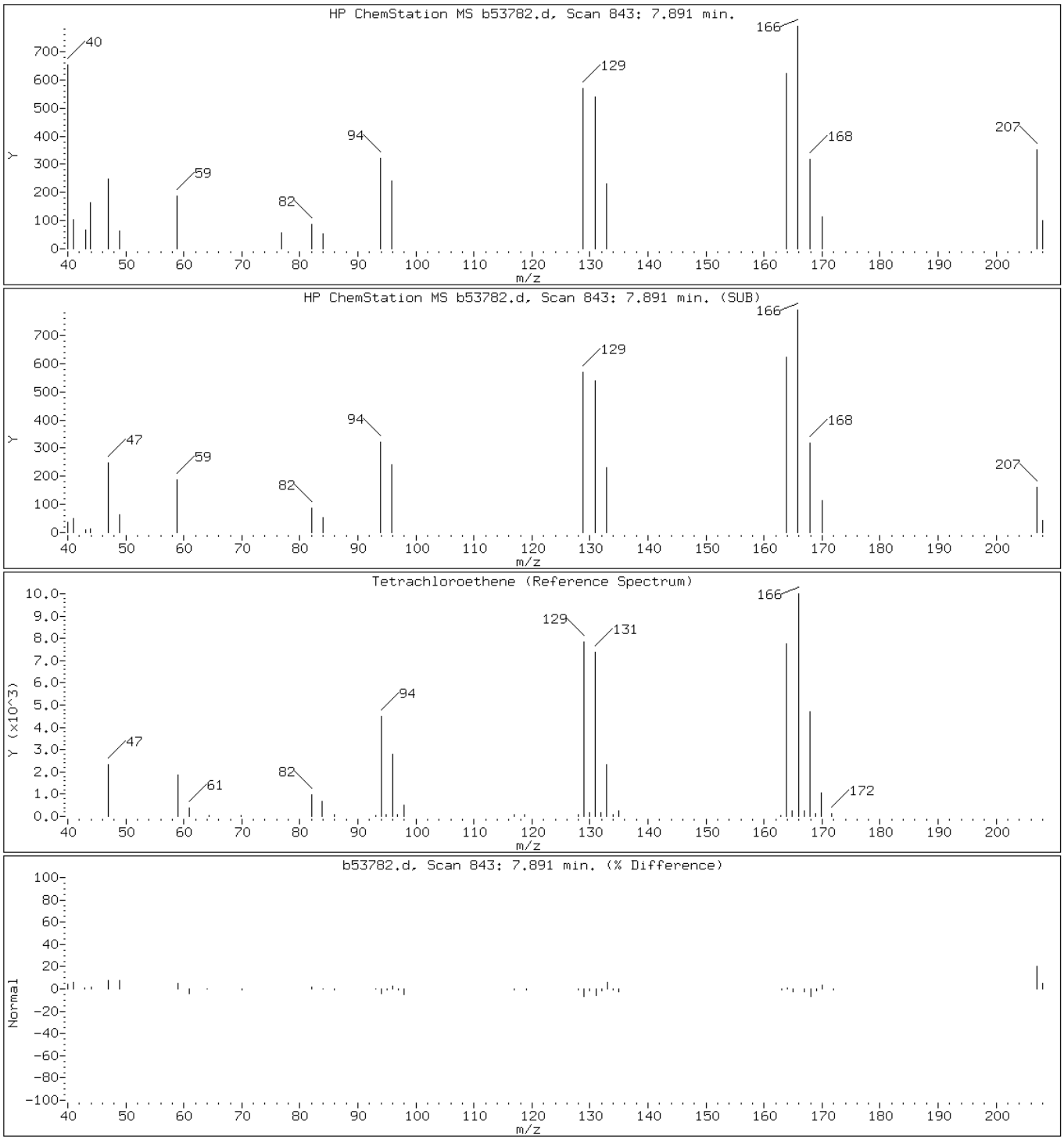
Data File: b53782.d

Date: 25-MAR-2013 10:51

Client ID: PMP-13-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-33-A;50;;4.59;5 Operator:

71 Tetrachloroethene



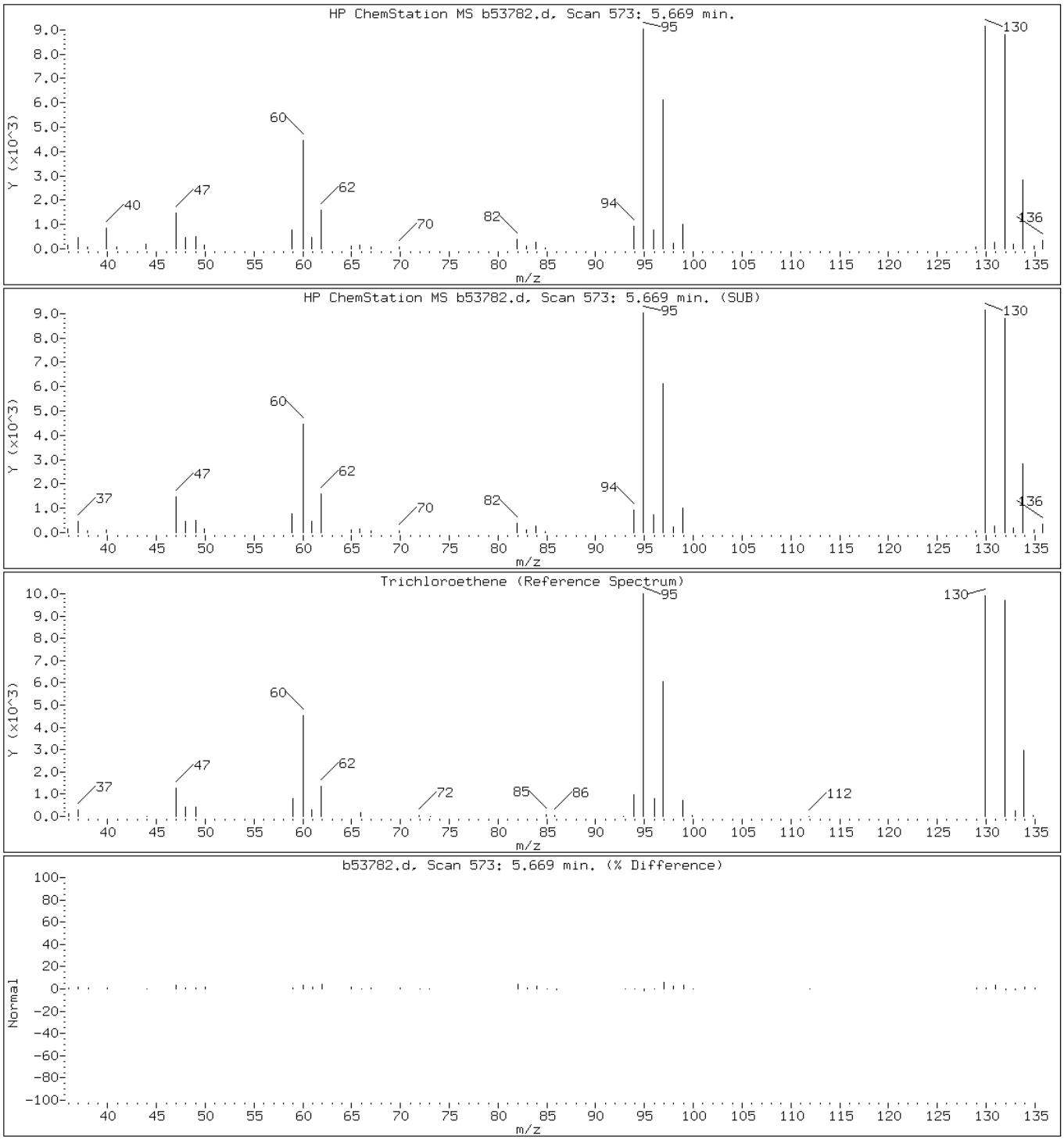
Data File: b53782.d

Date: 25-MAR-2013 10:51

Client ID: PMP-13-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-33-A;50;;4.59;5 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD | Lab Sample ID: 460-52450-34

Matrix: Solid | Lab File ID: d30856.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:15

Sample wt/vol: 4.61(g) | Date Analyzed: 03/23/2013 16:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.1 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.2	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.2	0.16
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.2	0.18
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.2	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U	1.2	0.51
106-93-4	1,2-Dibromoethane	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
78-87-5	1,2-Dichloropropane	0.17	U	1.2	0.17
541-73-1	1,3-Dichlorobenzene	0.52	J	1.2	0.18
106-46-7	1,4-Dichlorobenzene	10		1.2	0.13
123-91-1	1,4-Dioxane	15	U	58	15
78-93-3	2-Butanone	0.73	U	12	0.73
591-78-6	2-Hexanone	0.15	U	12	0.15
108-10-1	4-Methyl-2-pentanone	0.23	U	12	0.23
67-64-1	Acetone	2.0	U	12	2.0
71-43-2	Benzene	0.17	U	1.2	0.17
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.37	U	1.2	0.37
75-25-2	Bromoform	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.50	U	1.2	0.50
75-15-0	Carbon disulfide	0.17	U	1.2	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.2	0.17
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
75-00-3	Chloroethane	0.38	U	1.2	0.38
67-66-3	Chloroform	0.47	J	1.2	0.28
74-87-3	Chloromethane	0.18	U	1.2	0.18
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.2	0.16
110-82-7	Cyclohexane	0.15	U	1.2	0.15
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
75-71-8	Dichlorodifluoromethane	0.25	U	1.2	0.25
100-41-4	Ethylbenzene	0.24	J	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD | Lab Sample ID: 460-52450-34

Matrix: Solid | Lab File ID: d30856.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:15

Sample wt/vol: 4.61(g) | Date Analyzed: 03/23/2013 16:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.1 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.13	U	1.2	0.13
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.37	U	1.2	0.37
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
75-09-2	Methylene Chloride	1.2	B	1.2	0.17
1634-04-4	MTBE	0.13	U	1.2	0.13
100-42-5	Styrene	0.32	U	1.2	0.32
127-18-4	Tetrachloroethene	0.29	J	1.2	0.14
108-88-3	Toluene	0.16	U	1.2	0.16
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
79-01-6	Trichloroethene	0.14	U	1.2	0.14
75-69-4	Trichlorofluoromethane	0.18	U	1.2	0.18
75-01-4	Vinyl chloride	0.39	U	1.2	0.39
1330-20-7	Xylenes, Total	1.1	J	3.5	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD Lab Sample ID: 460-52450-34

Matrix: Solid Lab File ID: d30856.d

Analysis Method: 8260B Date Collected: 03/14/2013 16:15

Sample wt/vol: 4.61(g) Date Analyzed: 03/23/2013 16:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.1 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 2 TIC Result Total: 24.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	10.29	7.6	J
	Unknown Alkane	10.75	17	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30856.d
Report Date: 25-Mar-2013 21:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30856.d
Lab Smp Id: 460-52450-D-34-A Client Smp ID: PMP-16-NE-VD
Inj Date : 23-MAR-2013 16:37
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-34-A;;;4.61;5
Misc Info : 460-52450-D-34-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 26
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	4.61000	Weight of sample extracted (g)
M	6.06618	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	6 Methylene Chloride	84	2.475	2.469	(0.544)	3887	1.02485	1.2(H)
	15 Chloroform	83	3.681	3.675	(0.809)	3077	0.40696	0.47(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.293	4.287	(0.943)	93141	45.4136	52
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	493398	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	382406	47.0057	54
	35 Tetrachloroethene	166	6.734	6.728	(0.853)	1522	0.24840	0.29(a)
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	317876	50.0000	
	40 Ethylbenzene	106	7.963	7.957	(1.009)	1463	0.21211	0.24(a)
	43 m+p-Xylene	106	8.104	8.098	(1.027)	6466	0.76777	0.89(a)
	44 o-Xylene	106	8.469	8.469	(1.073)	1753	0.22114	0.26(aH)
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	167477	48.9937	56
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	165286	50.0000	
	68 1,4-Dichlorobenzene	146	9.822	9.822	(1.001)	87731	8.69134	10
	67 1,3-Dichlorobenzene	146	9.757	9.757	(0.994)	4601	0.44631	0.52(a)

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30856.d
Report Date: 25-Mar-2013 21:05

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				8219	0.99540	1.1(a)

QC Flag Legend

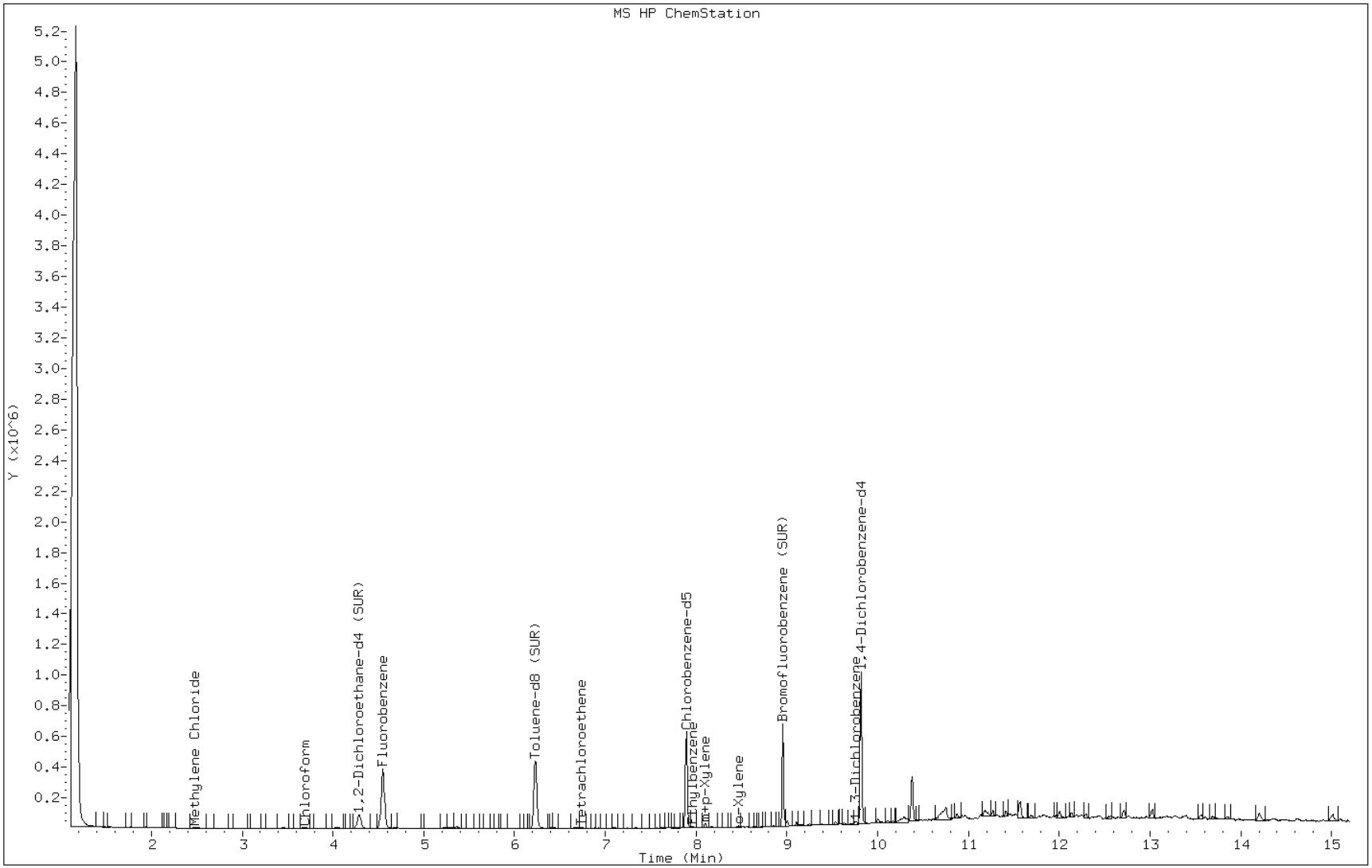
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9



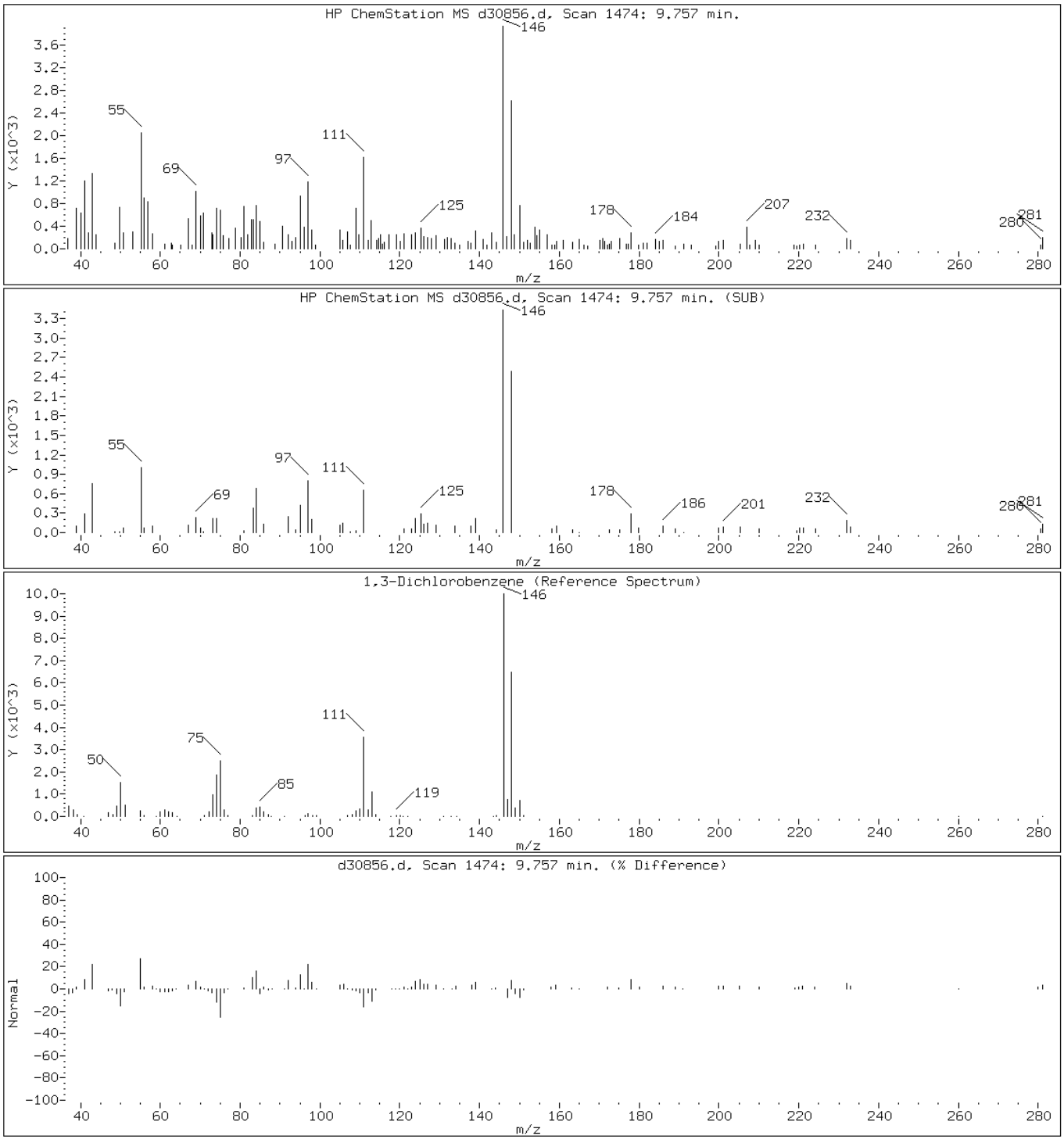
Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



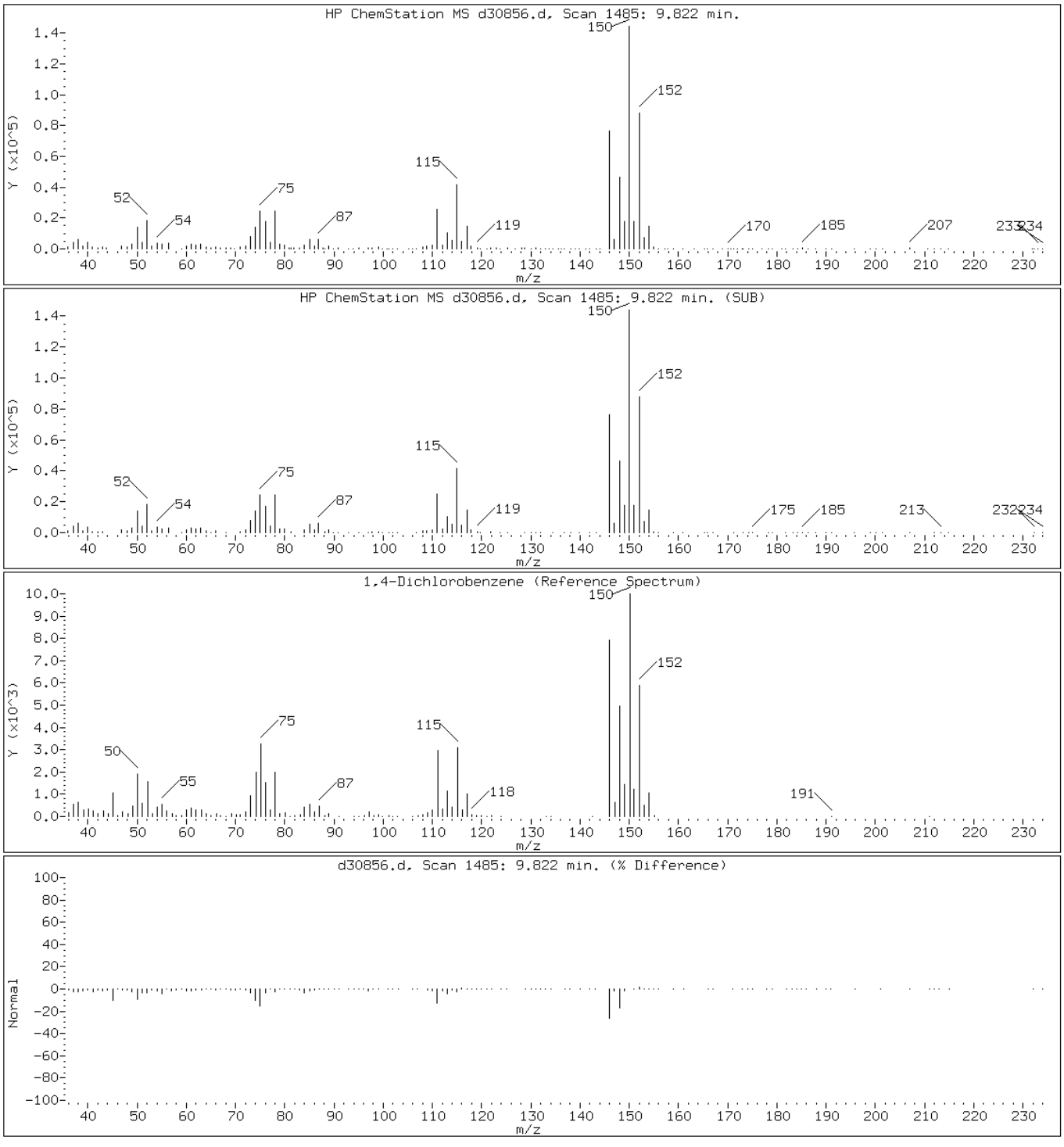
Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



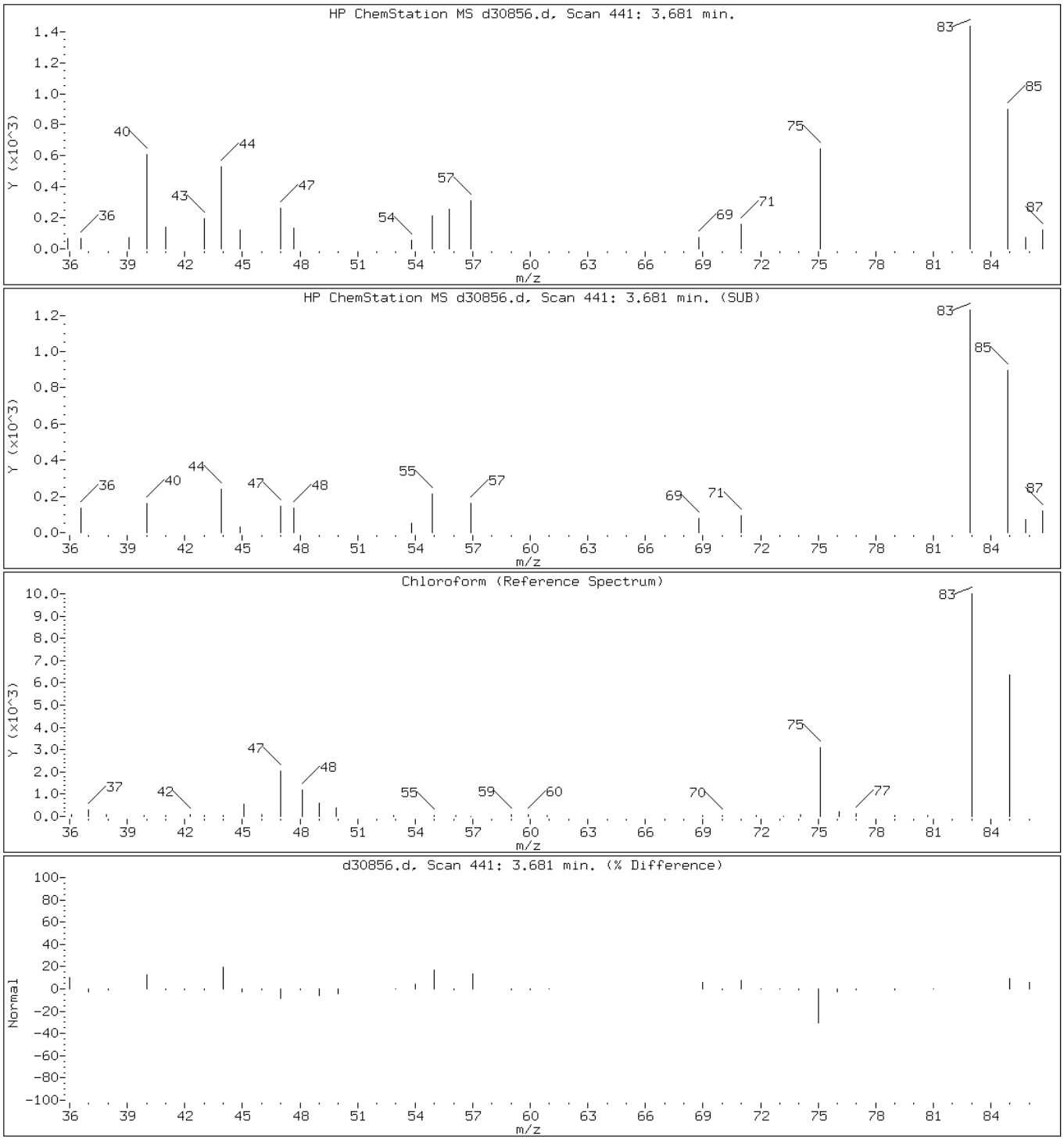
Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

15 Chloroform



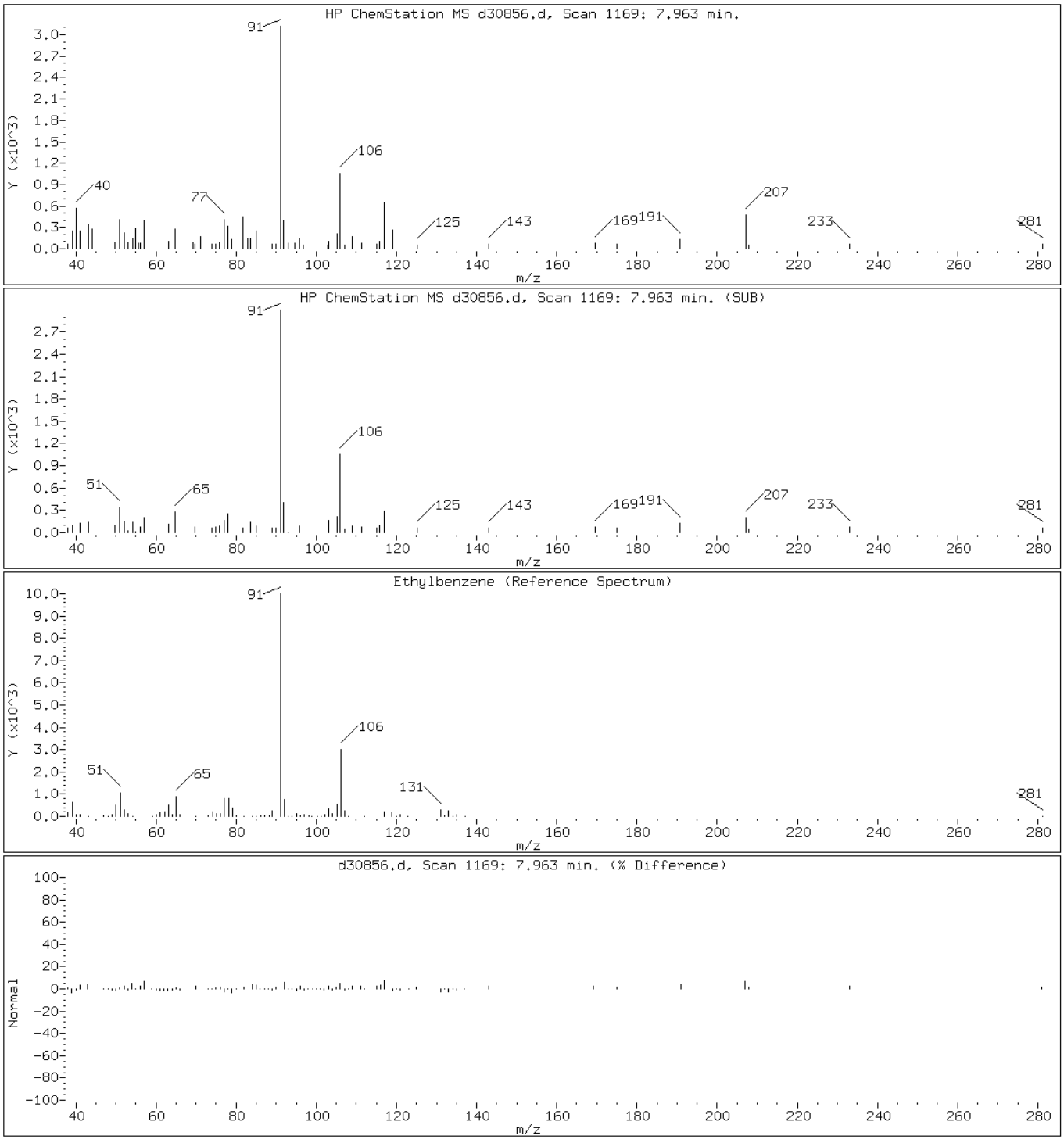
Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

40 Ethylbenzene



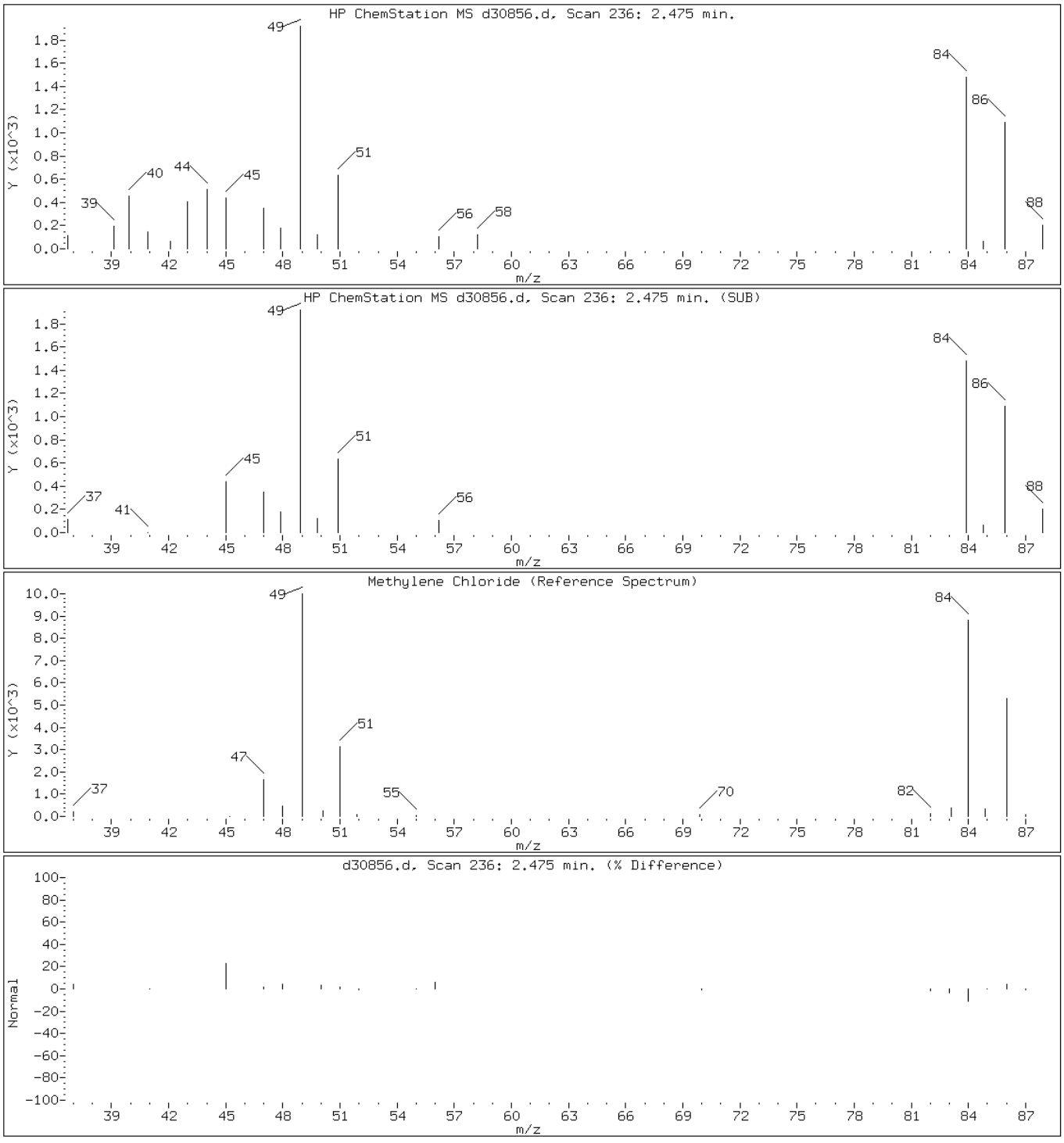
Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

6 Methylene Chloride



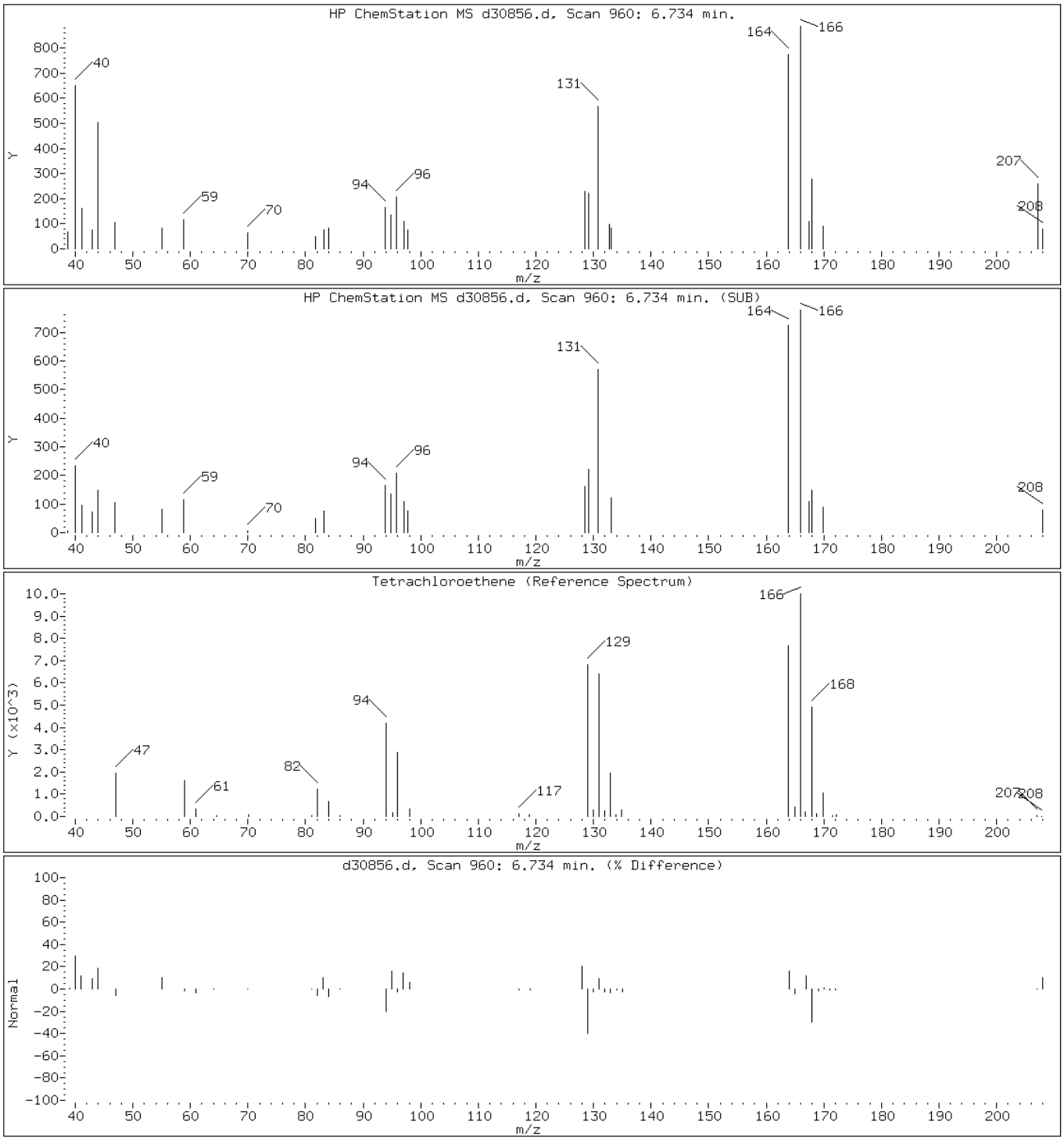
Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

35 Tetrachloroethene



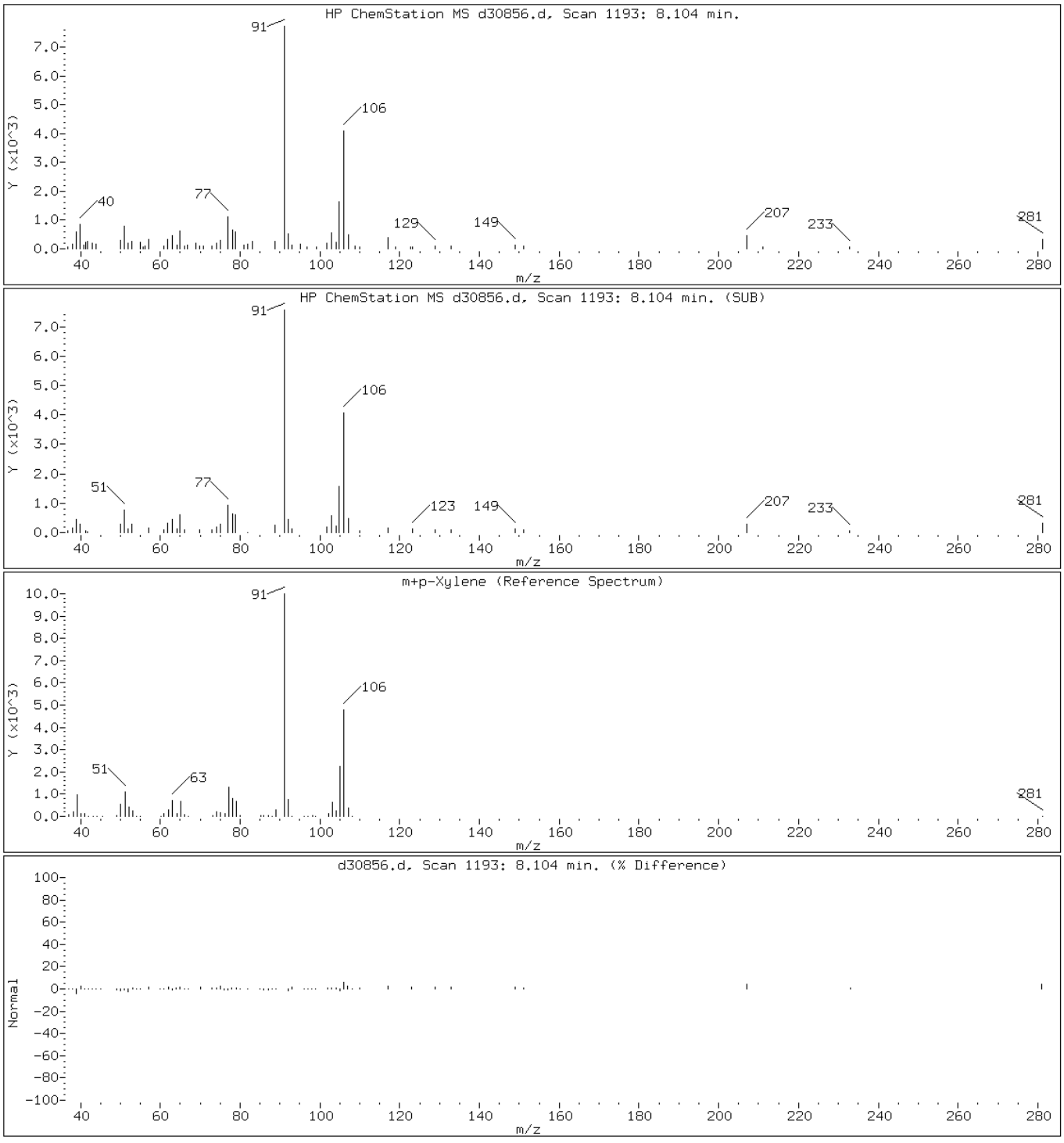
Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

43 m+p-Xylene



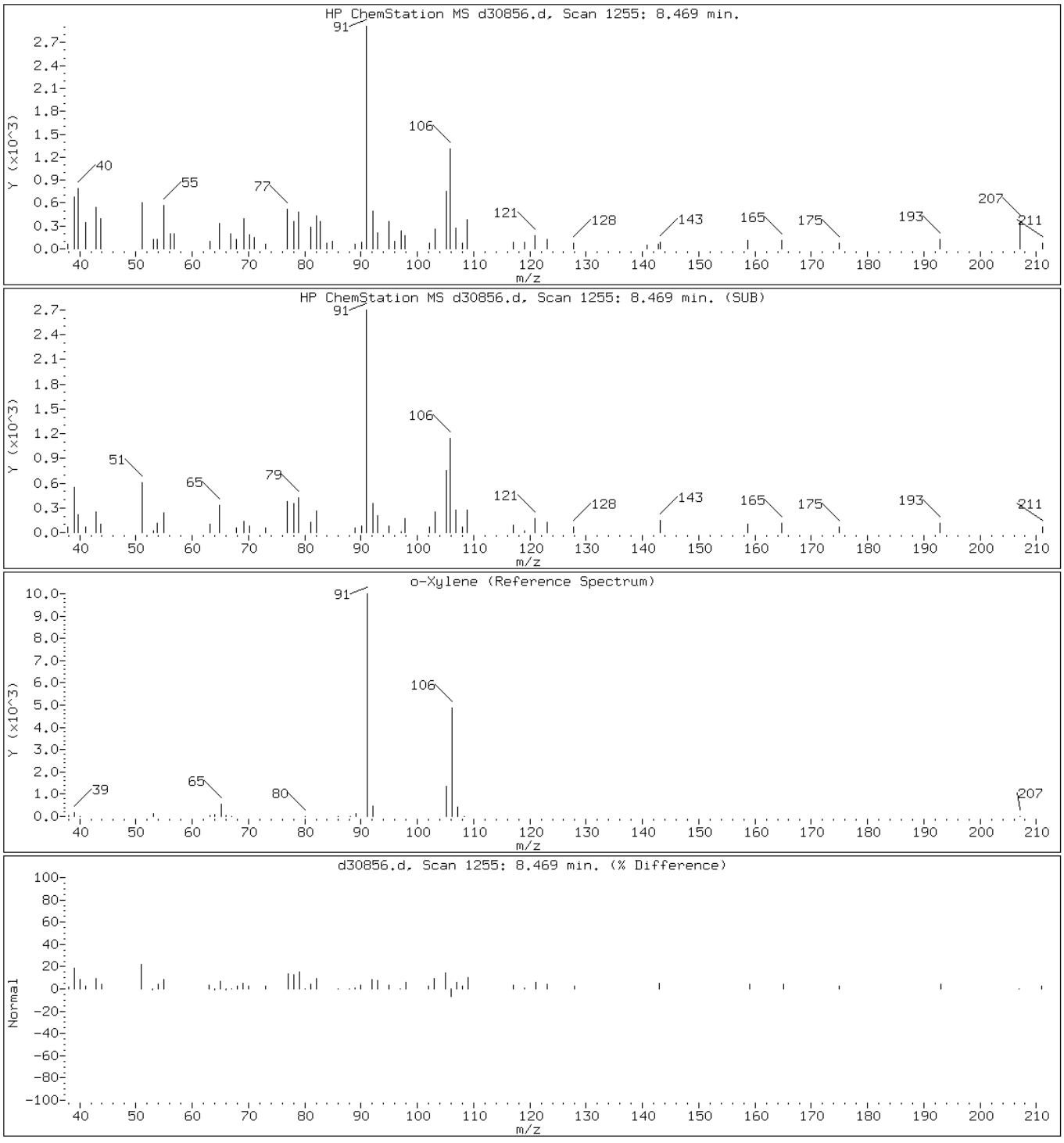
Data File: d30856.d

Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

44 o-Xylene



Data File: d30856.d

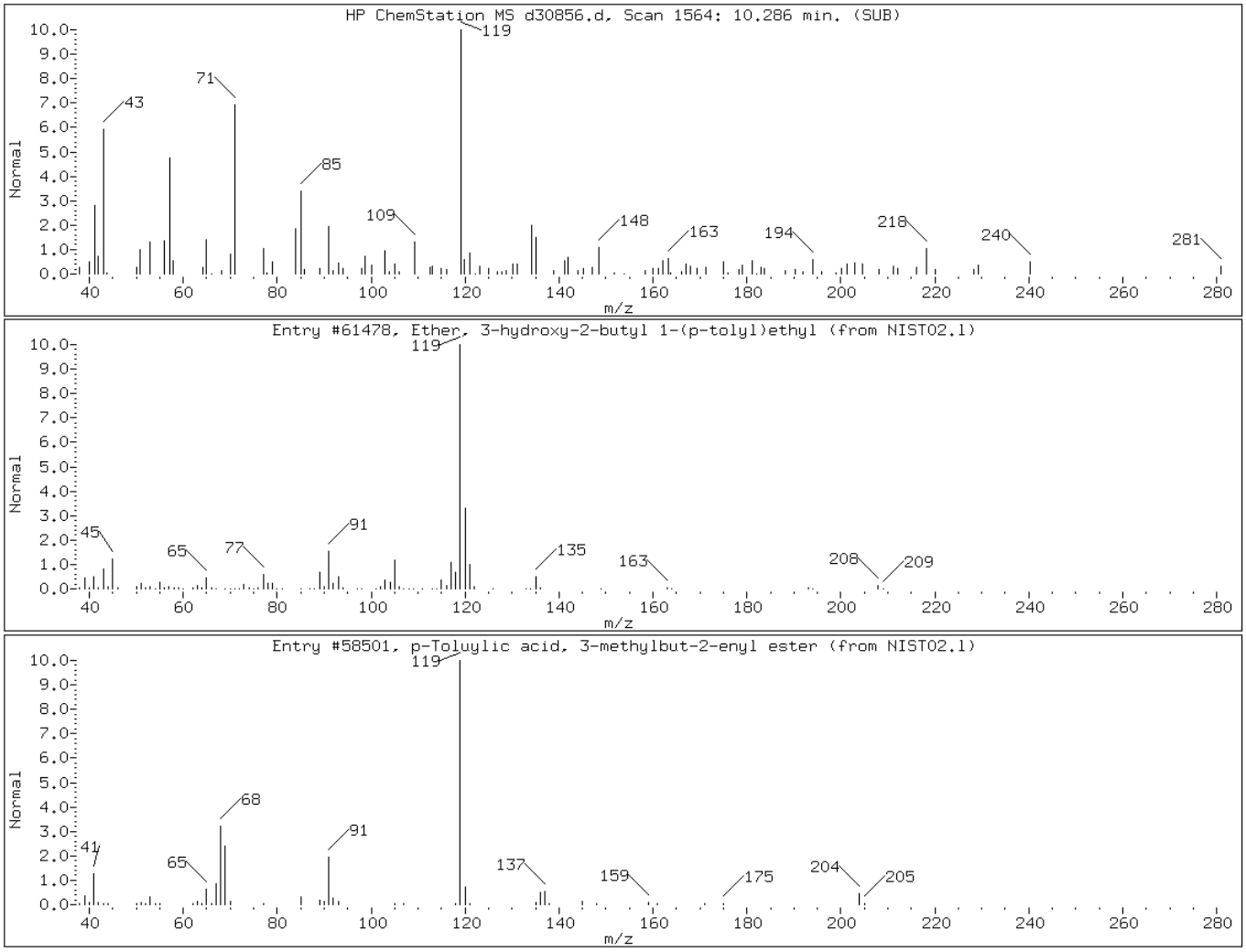
Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

Retention Time: 10.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ether, 3-hydroxy-2-butyl 1-(p-toly	1000149-41-9	NIST02.l	61478	27	C13H20O2	208
p-Toluylic acid, 3-methylbut-2-eny	154559-35-0	NIST02.l	58501	27	C13H16O2	204



Data File: d30856.d

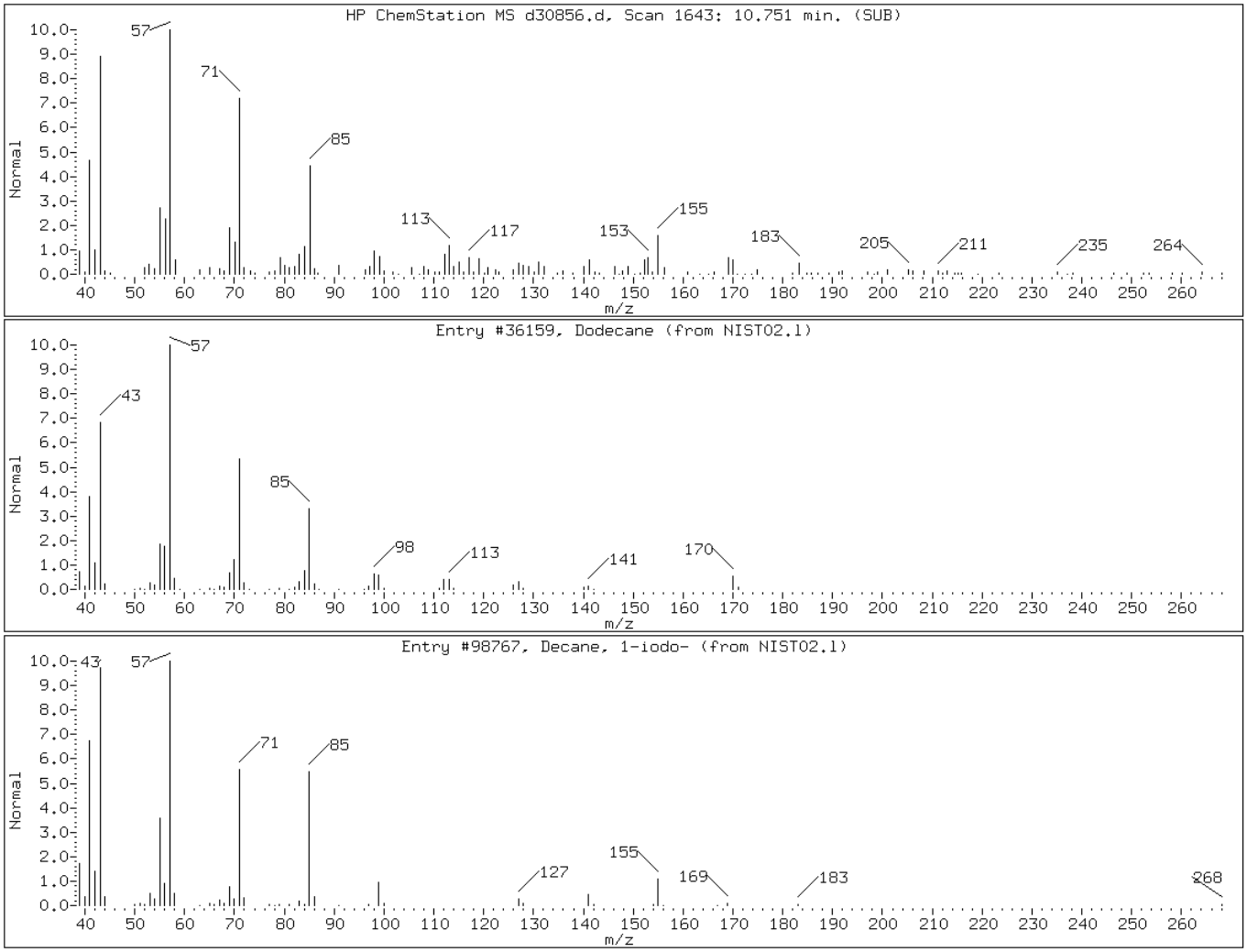
Date: 23-MAR-2013 16:37

Client ID: PMP-16-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-34-A;;;4.61;5 Operator: VOAMS 9

Retention Time: 10.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane	112-40-3	NIST02.l	36159	94	C12H26	170
Decane, 1-iodo-	2050-77-3	NIST02.l	98767	83	C10H21I	268



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT | Lab Sample ID: 460-52450-35

Matrix: Solid | Lab File ID: b53505.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:20

Sample wt/vol: 7.2(g) | Date Analyzed: 03/19/2013 14:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.4	U	39	2.4
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	39	6.2
79-00-5	1,1,2-Trichloroethane	7.4	U	39	7.4
75-34-3	1,1-Dichloroethane	5.1	U	39	5.1
75-35-4	1,1-Dichloroethene	3.5	U	39	3.5
87-61-6	1,2,3-Trichlorobenzene	20	U	39	20
120-82-1	1,2,4-Trichlorobenzene	93		39	13
96-12-8	1,2-Dibromo-3-Chloropropane	16	U	39	16
106-93-4	1,2-Dibromoethane	11	U	39	11
95-50-1	1,2-Dichlorobenzene	23	J	39	8.1
107-06-2	1,2-Dichloroethane	7.4	U	39	7.4
78-87-5	1,2-Dichloropropane	3.4	U	39	3.4
541-73-1	1,3-Dichlorobenzene	22	J	39	5.3
106-46-7	1,4-Dichlorobenzene	210		39	9.1
123-91-1	1,4-Dioxane	1400	U	2000	1400
78-93-3	2-Butanone	91	U	200	91
591-78-6	2-Hexanone	20	U	200	20
108-10-1	4-Methyl-2-pentanone	39	U	200	39
67-64-1	Acetone	110	U	200	110
71-43-2	Benzene	3.2	U	39	3.2
74-97-5	Bromochloromethane	11	U	39	11
75-27-4	Bromodichloromethane	4.9	U	39	4.9
75-25-2	Bromoform	7.5	U	39	7.5
74-83-9	Bromomethane	7.1	U	39	7.1
75-15-0	Carbon disulfide	4.9	U	39	4.9
56-23-5	Carbon tetrachloride	2.2	U	39	2.2
108-90-7	Chlorobenzene	4.3	U	39	4.3
75-00-3	Chloroethane	6.6	U	39	6.6
67-66-3	Chloroform	3.1	U	39	3.1
74-87-3	Chloromethane	3.8	U	39	3.8
156-59-2	cis-1,2-Dichloroethene	7.0	U	39	7.0
10061-01-5	cis-1,3-Dichloropropene	7.2	U	39	7.2
110-82-7	Cyclohexane	6.2	U	39	6.2
124-48-1	Dibromochloromethane	7.8	U	39	7.8
75-71-8	Dichlorodifluoromethane	8.5	U	39	8.5
100-41-4	Ethylbenzene	3.8	U	39	3.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT | Lab Sample ID: 460-52450-35

Matrix: Solid | Lab File ID: b53505.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:20

Sample wt/vol: 7.2(g) | Date Analyzed: 03/19/2013 14:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	3.2	U	39	3.2
98-82-8	Isopropylbenzene	3.0	U	39	3.0
79-20-9	Methyl acetate	13	U	79	13
108-87-2	Methylcyclohexane	350		39	5.3
75-09-2	Methylene Chloride	7.2	U	39	7.2
1634-04-4	MTBE	5.4	U	39	5.4
100-42-5	Styrene	4.7	U	39	4.7
127-18-4	Tetrachloroethene	3.8	U	39	3.8
108-88-3	Toluene	5.9	U	39	5.9
156-60-5	trans-1,2-Dichloroethene	5.1	U	39	5.1
10061-02-6	trans-1,3-Dichloropropene	9.5	U	39	9.5
79-01-6	Trichloroethene	3.6	U	39	3.6
75-69-4	Trichlorofluoromethane	5.7	U	39	5.7
75-01-4	Vinyl chloride	5.7	U	39	5.7
1330-20-7	Xylenes, Total	120		120	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		75-135
2037-26-5	Toluene-d8 (Surr)	70		59-150
460-00-4	Bromofluorobenzene	84		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT | Lab Sample ID: 460-52450-35

Matrix: Solid | Lab File ID: b53505.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:20

Sample wt/vol: 7.2(g) | Date Analyzed: 03/19/2013 14:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 57100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethyldimethylbenzene isomer	11.08	5400	J
	Unknown Aromatic	11.48	5500	J
	Unknown Aromatic/Unknown	11.73	6000	J
	C10H14 Aromatic	12.05	9800	J
	C11H16 Aromatic	12.33	4400	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.89	4300	J
	Tetrahydromethylnaphthalene isomer	13.08	5400	J
	Tetrahydrodimethylnaphthalene isomer	13.24	6900	J
	Unknown Alkane-1	13.63	4400	J
	Unknown Alkane-2	14.74	5000	J

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53505.d
Report Date: 24-Mar-2013 14:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53505.d
Lab Smp Id: 460-52450-B-35-A Client Smp ID: PMP-16-NE-WT
Inj Date : 19-MAR-2013 14:59
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-35-A;50;;7.20;5
Misc Info : 460-52450-B-35-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/8260_09.m
Meth Date : 20-Mar-2013 12:52 delpolit Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 27
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	5.00000	Volume of final extract (mL)
Ws	7.20000	Weight of sample extracted (g)
M	11.59930	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	143541	38.0066	1500
*	52 Fluorobenzene	96	5.233	5.225	(1.000)	637110	50.0000	
	56 Methyl cyclohexane	83	5.801	5.784	(1.109)	41439	9.02712	350
$	65 Toluene-d8 (SUR)	98	7.233	7.225	(0.823)	322363	35.0009	1400
*	78 Chlorobenzene-d5	117	8.788	8.780	(1.000)	454028	50.0000	
	82 m+p-Xylene	106	9.019	9.011	(1.026)	19214	2.98369	120
$	89 Bromofluorobenzene (SUR)	174	9.875	9.875	(0.912)	135067	42.0443	1600
	185 4-Ethyltoluene	105	10.154	10.154	(0.938)	127790	7.97815	310
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	735444	56.2376	2200
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	4108	0.38531	15(a)
	101 1,2,4-Trimethylbenzene	105	10.525	10.517	(0.972)	41280	3.11045	120
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	19580	1.04227	41
	107 p-Isopropyltoluene	119	10.772	10.763	(0.995)	93397	5.86975	230
	105 1,3-Dichlorobenzene	146	10.772	10.772	(0.995)	4165	0.54933	22(a)

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53505.d
Report Date: 24-Mar-2013 14:54

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	219463	50.0000	
109 1,4-Dichlorobenzene	146	10.854	10.846	(1.002)	41326	5.34945	210
111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	4378	0.59563	23(a)
114 1,2,4-Trichlorobenzene	180	12.385	12.385	(1.144)	10890	2.37831	93
M 121 Xylene (Total)	100				19214	2.98369	120

QC Flag Legend

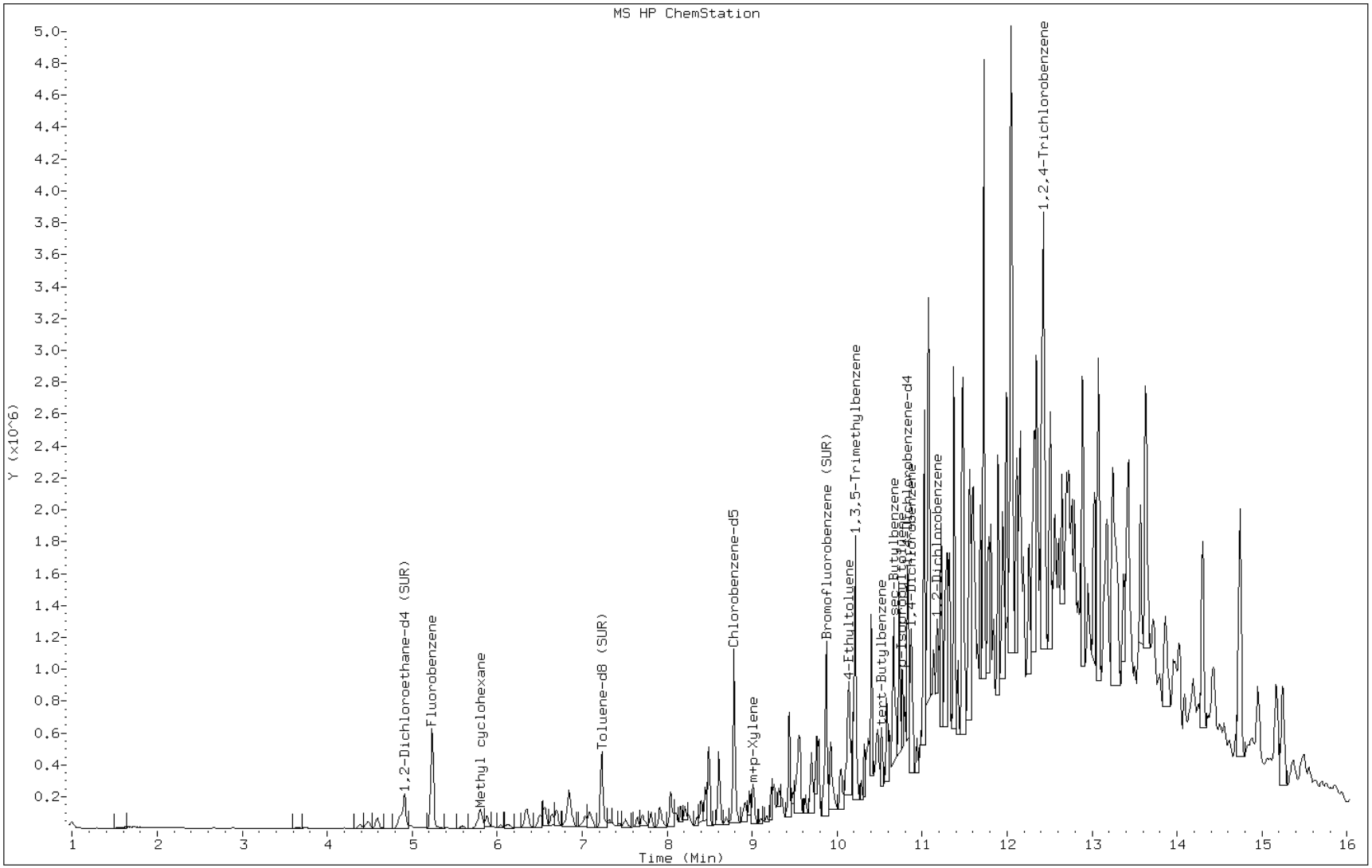
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b53505.d

Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:



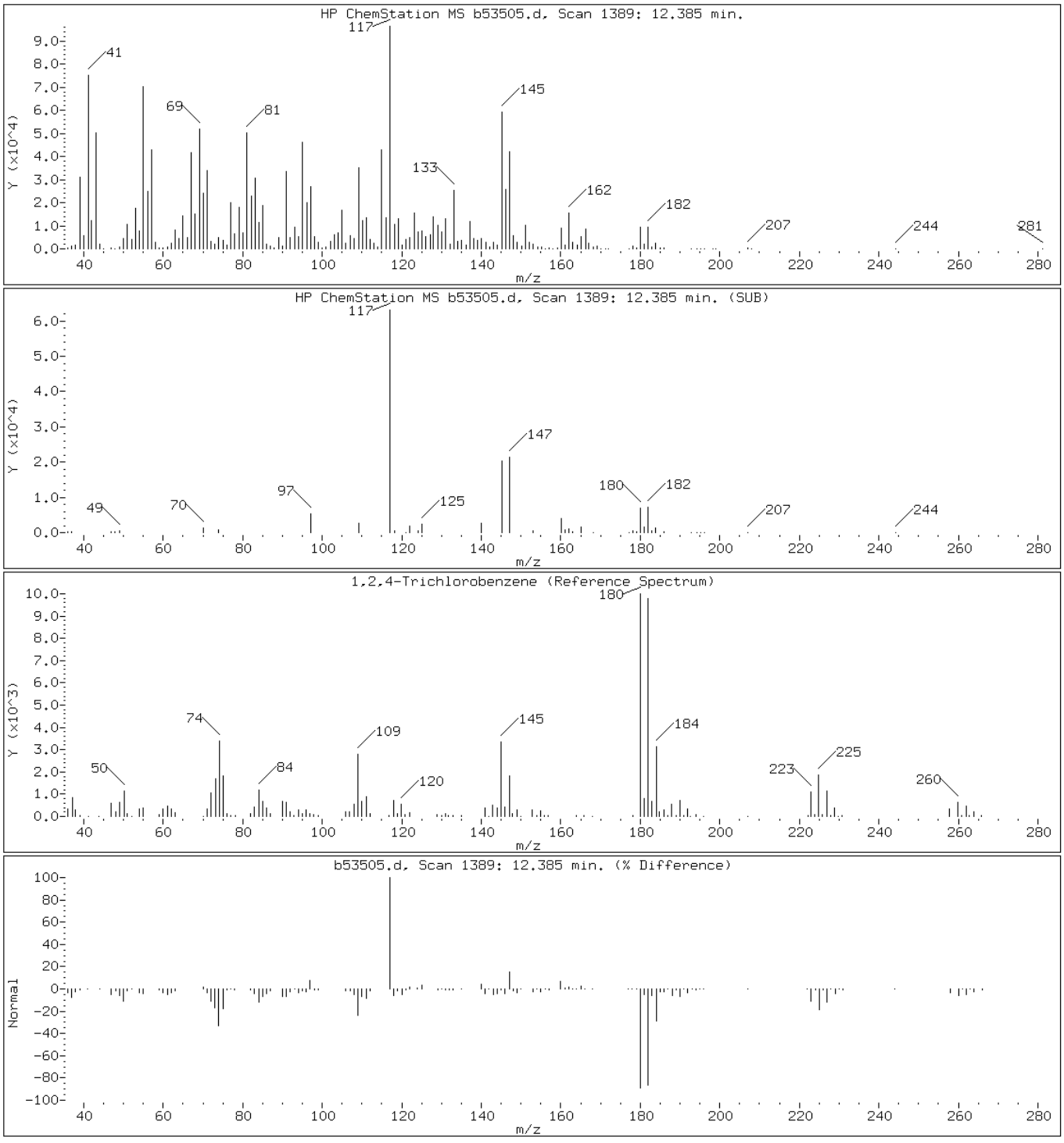
Data File: b53505.d

Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

114 1,2,4-Trichlorobenzene



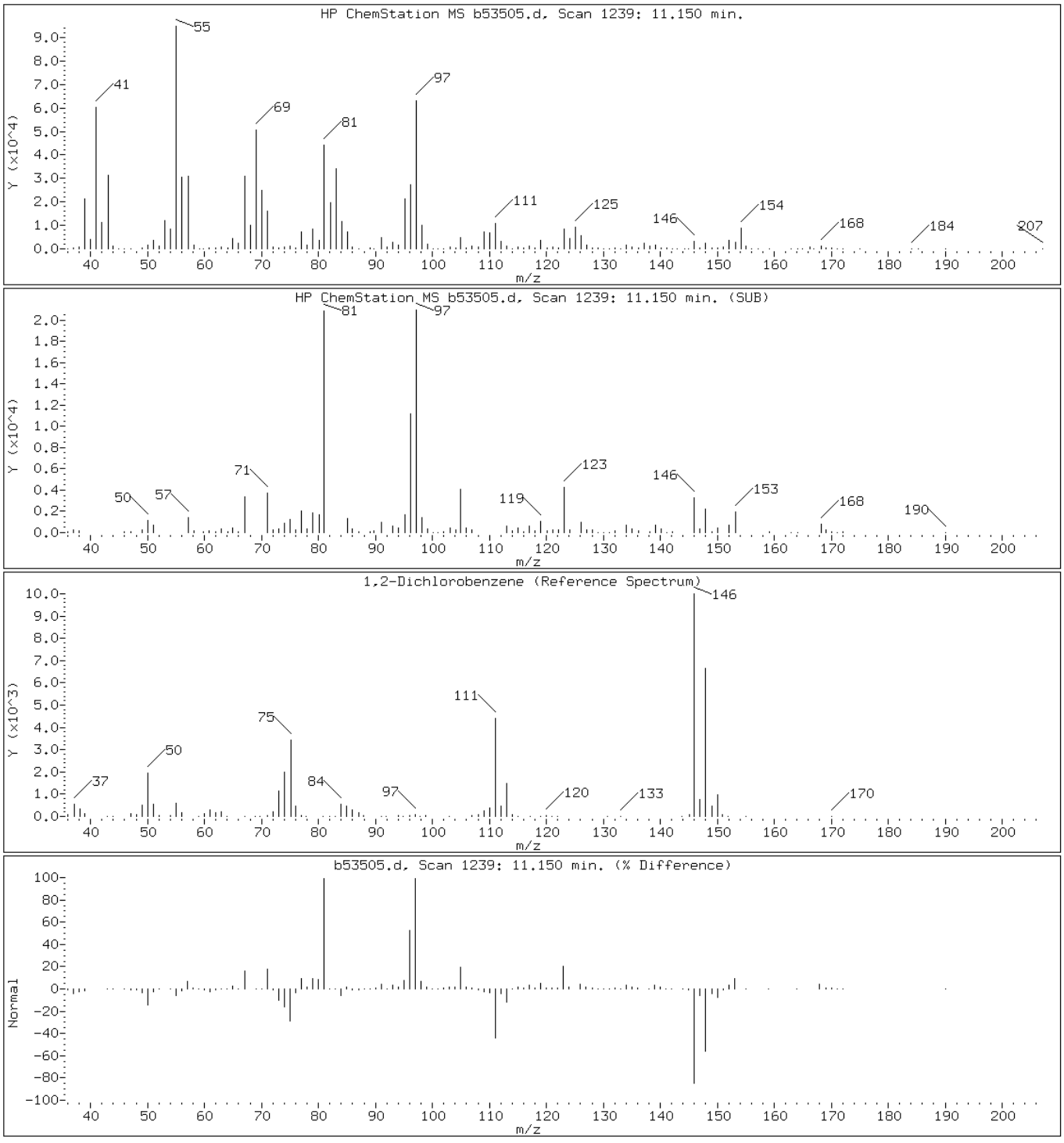
Data File: b53505.d

Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

111 1,2-Dichlorobenzene



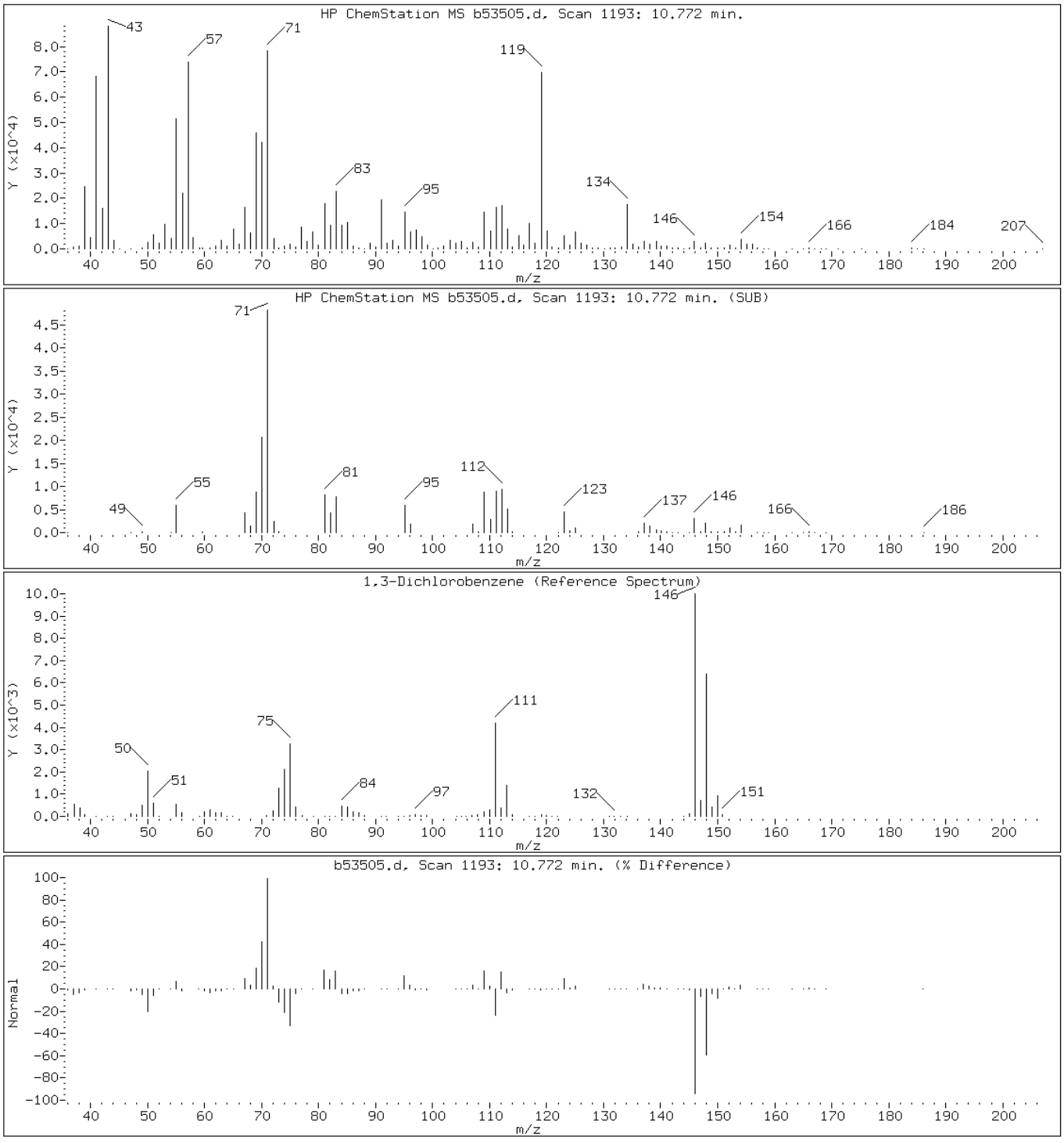
Data File: b53505.d

Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

105 1,3-Dichlorobenzene



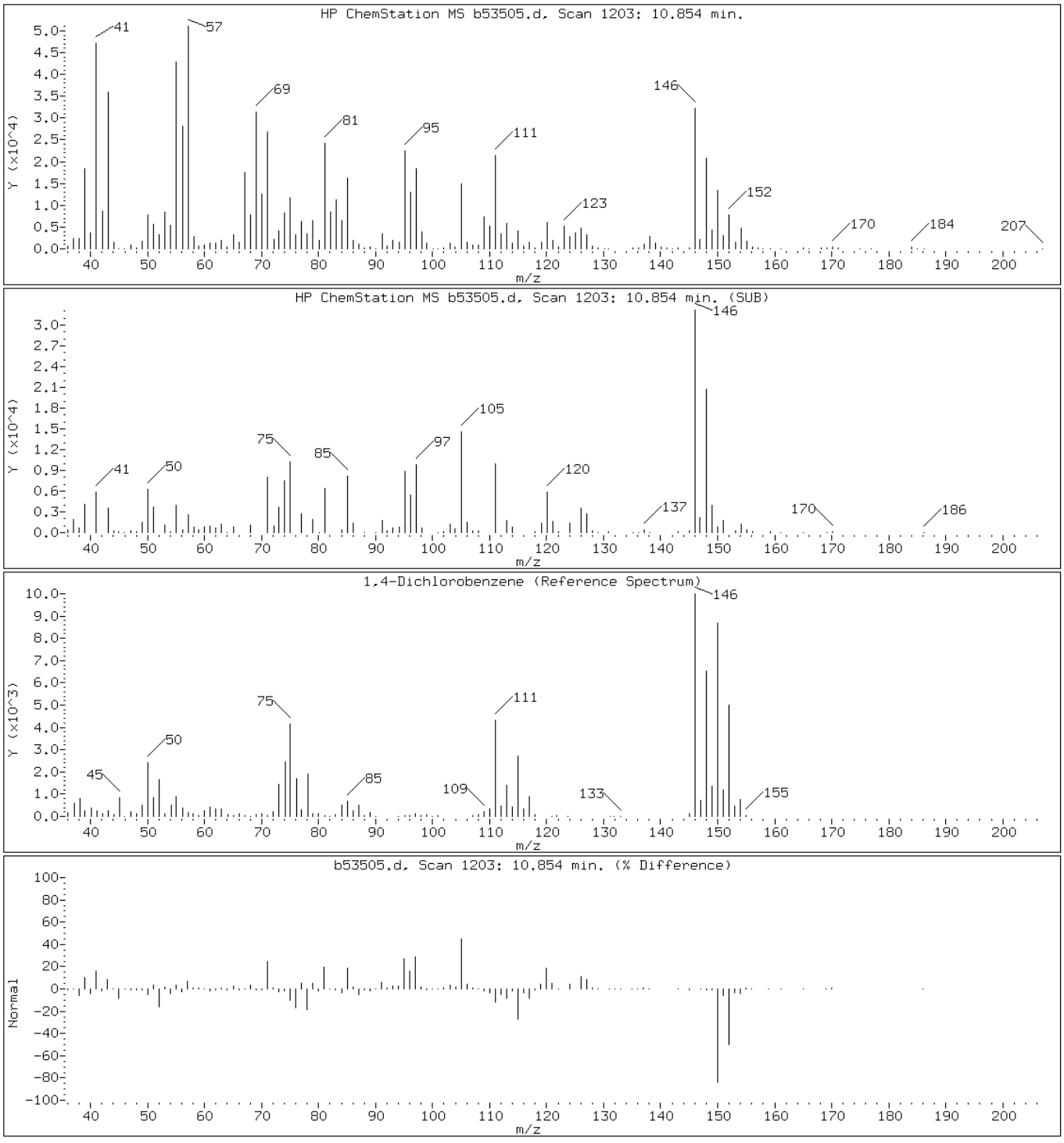
Data File: b53505.d

Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

109 1,4-Dichlorobenzene



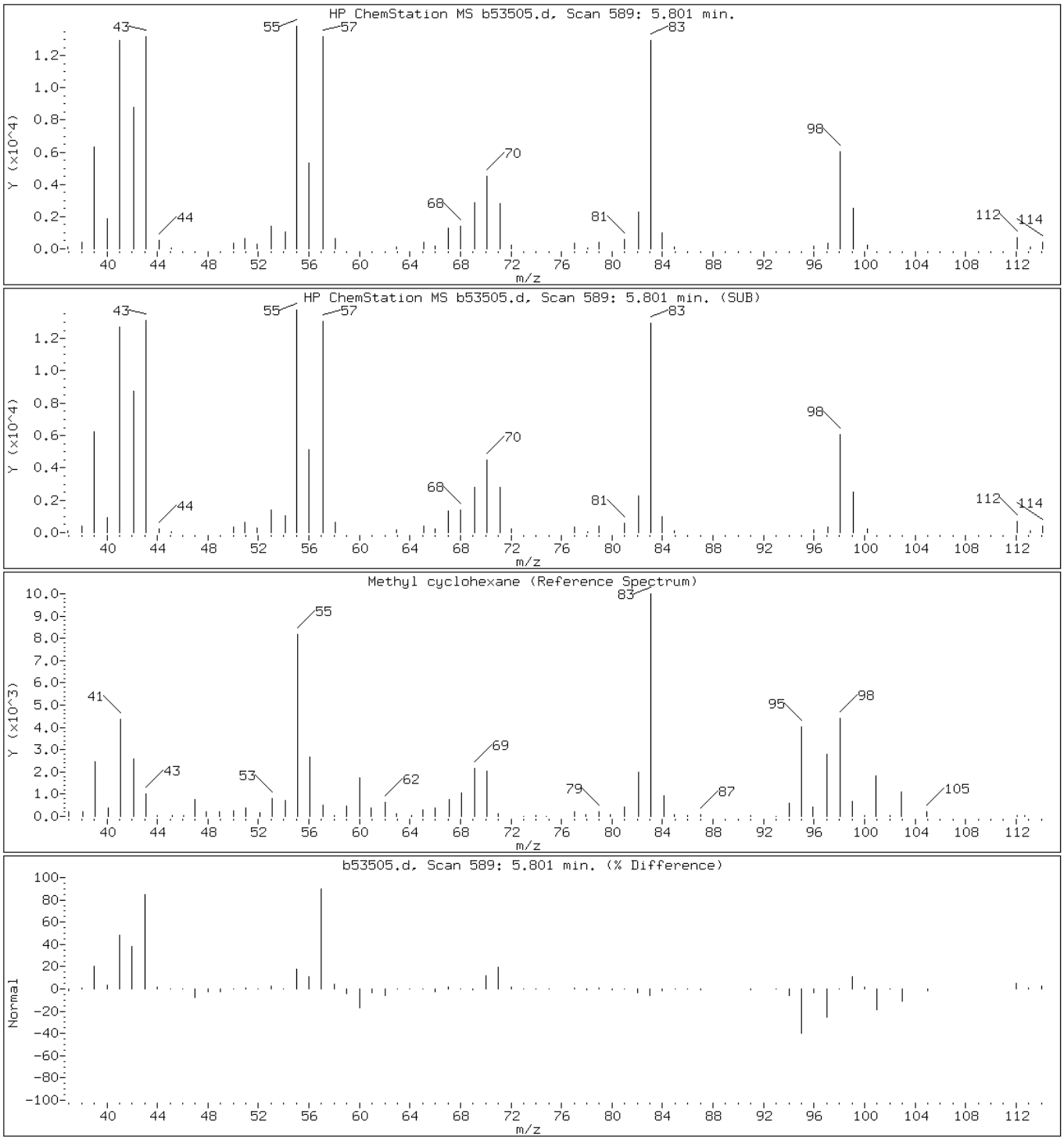
Data File: b53505.d

Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

56 Methyl cyclohexane



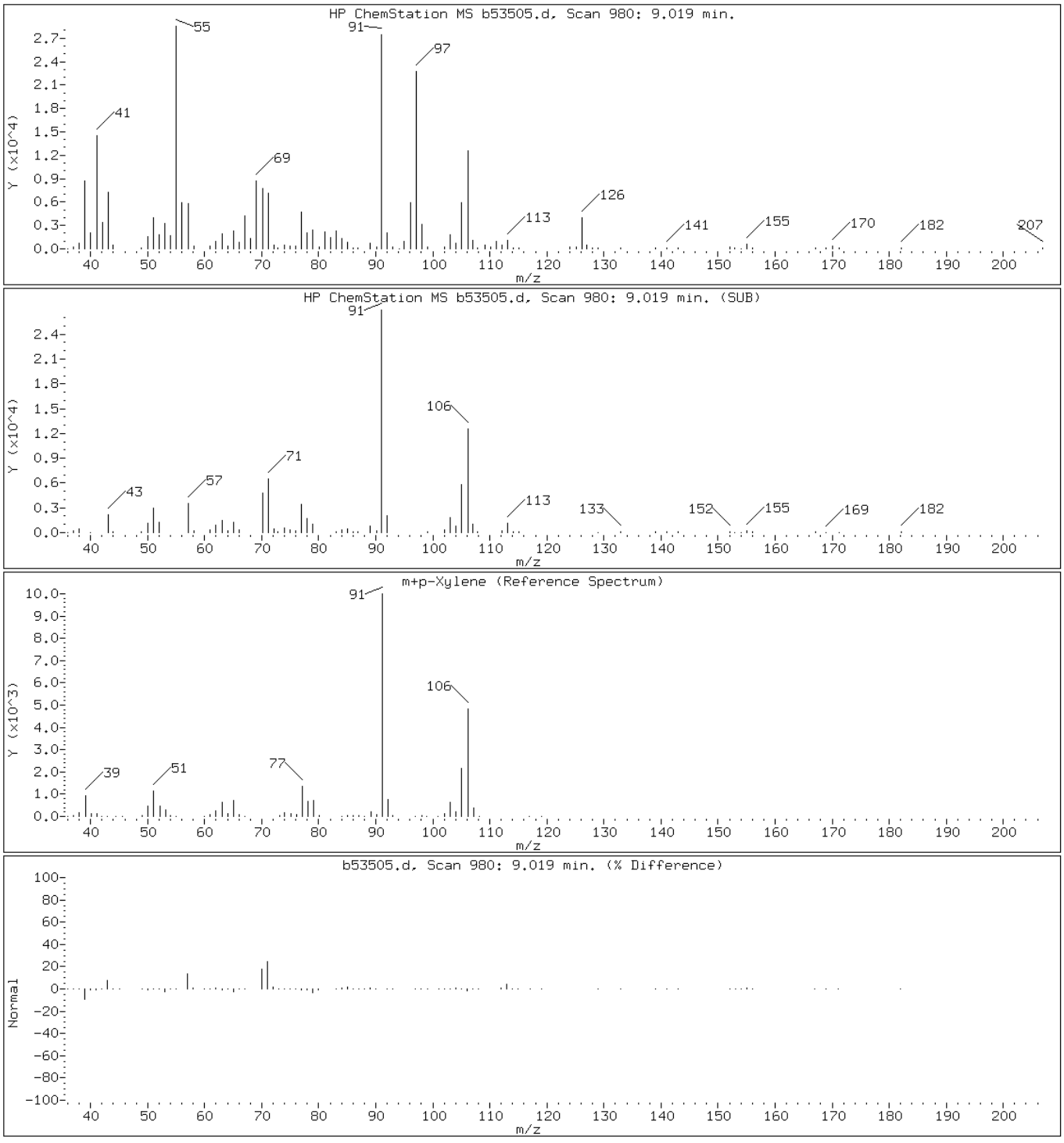
Data File: b53505.d

Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

82 m+p-Xylene



Data File: b53505.d

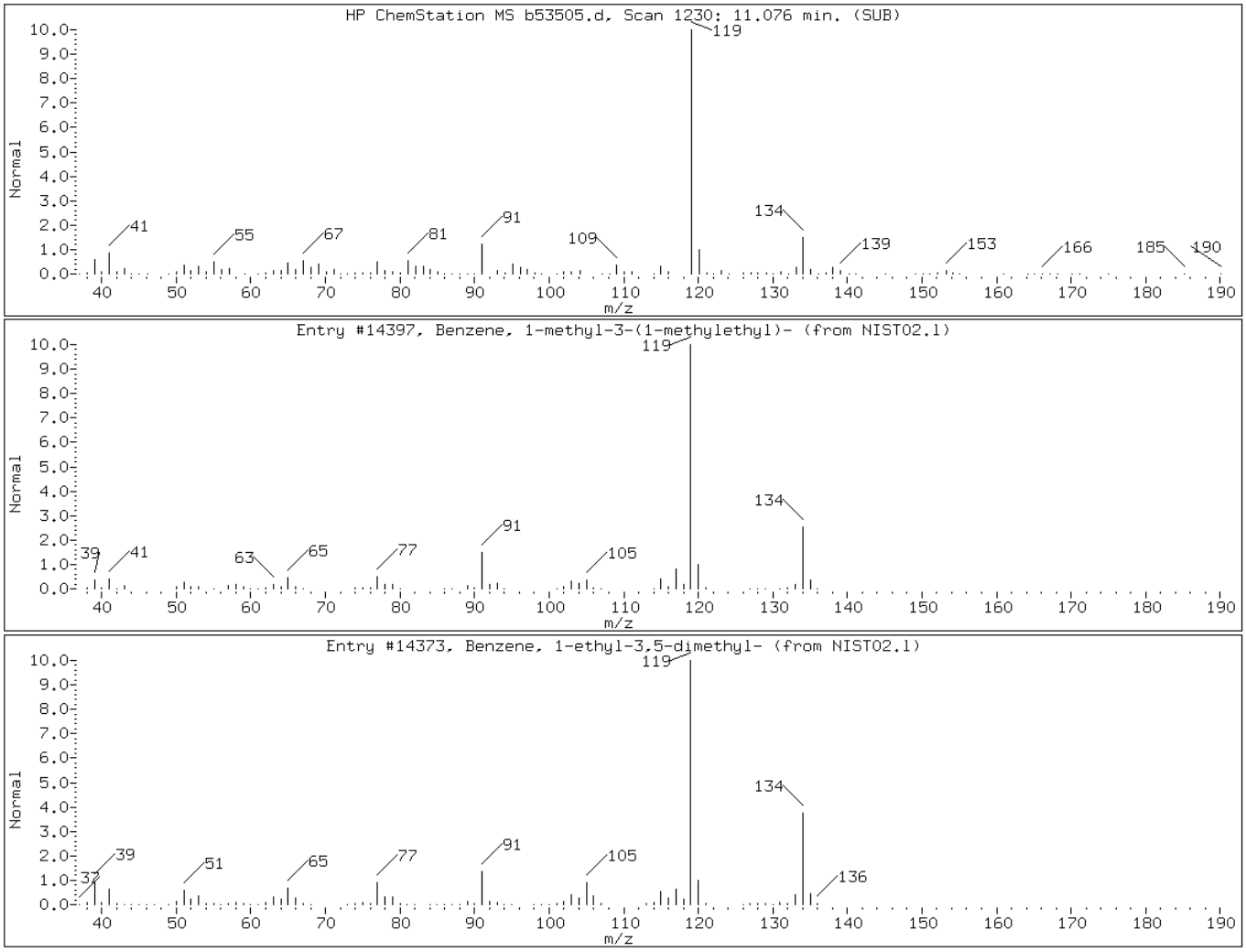
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 11.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	80	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14373	72	C10H14	134



Data File: b53505.d

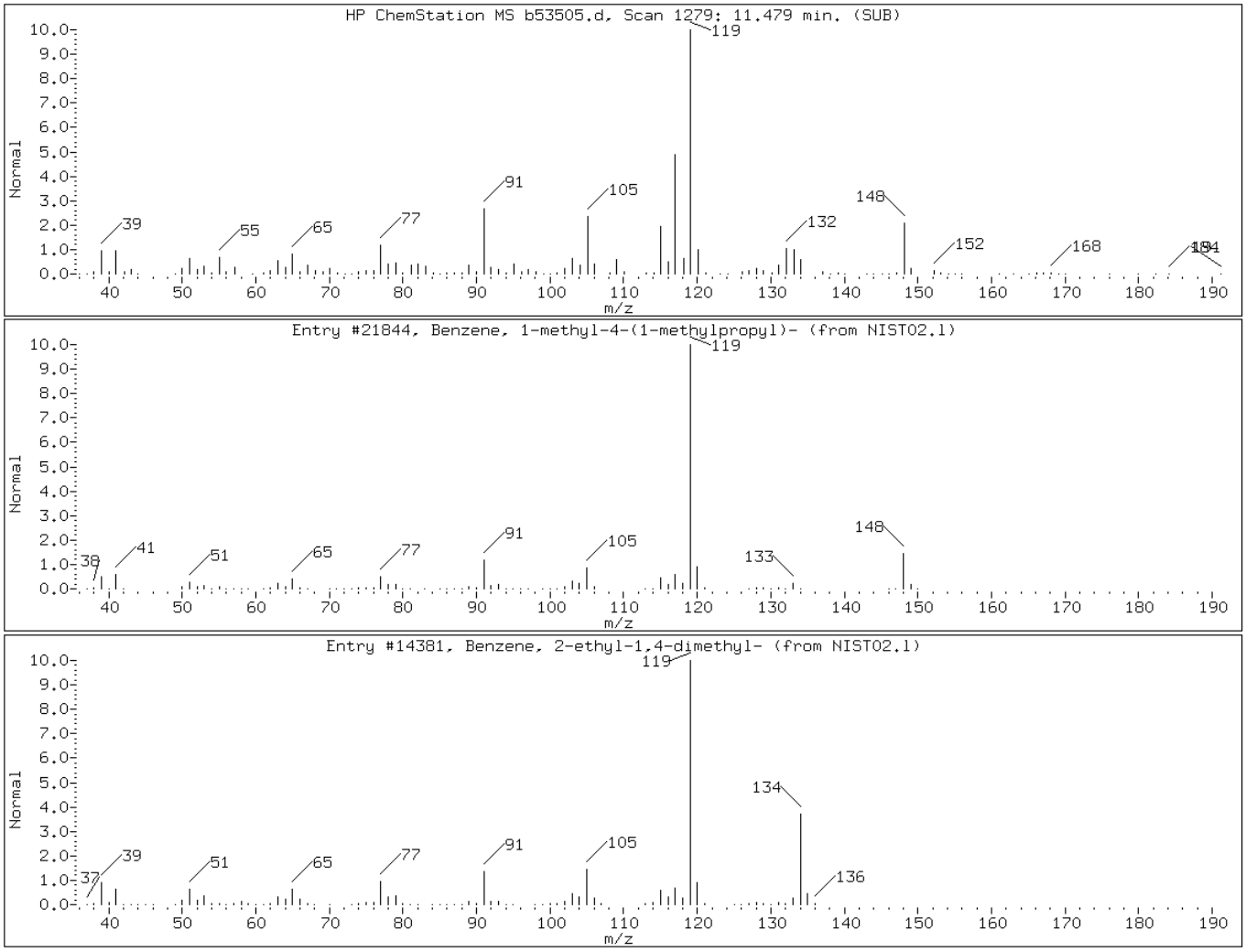
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 11.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	49	C11H16	148
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14381	46	C10H14	134



Data File: b53505.d

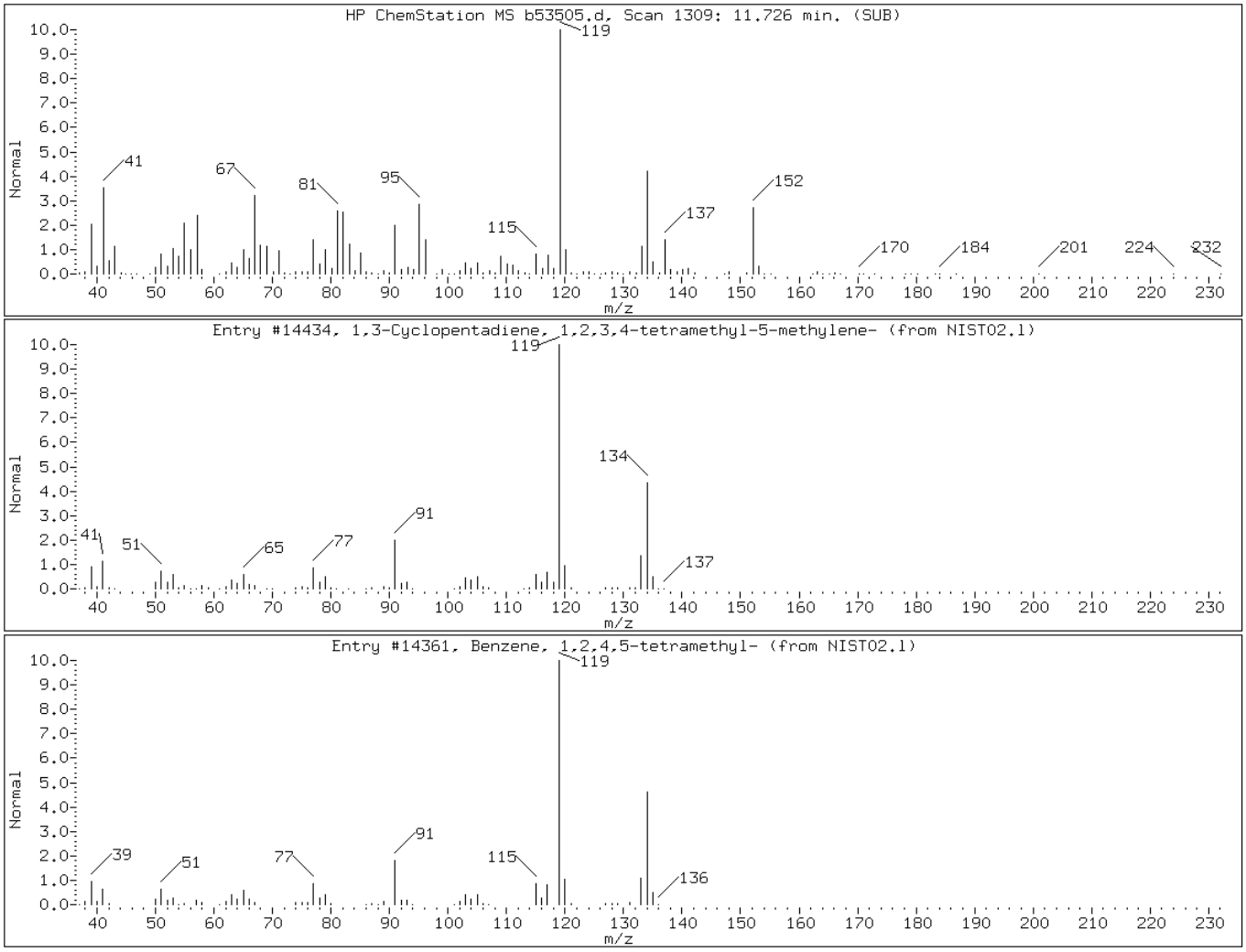
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic/Unknown						
1,3-Cyclopentadiene, 1,2,3,4-tetra	76089-59-3	NIST02.l	14434	95	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	95	C10H14	134



Data File: b53505.d

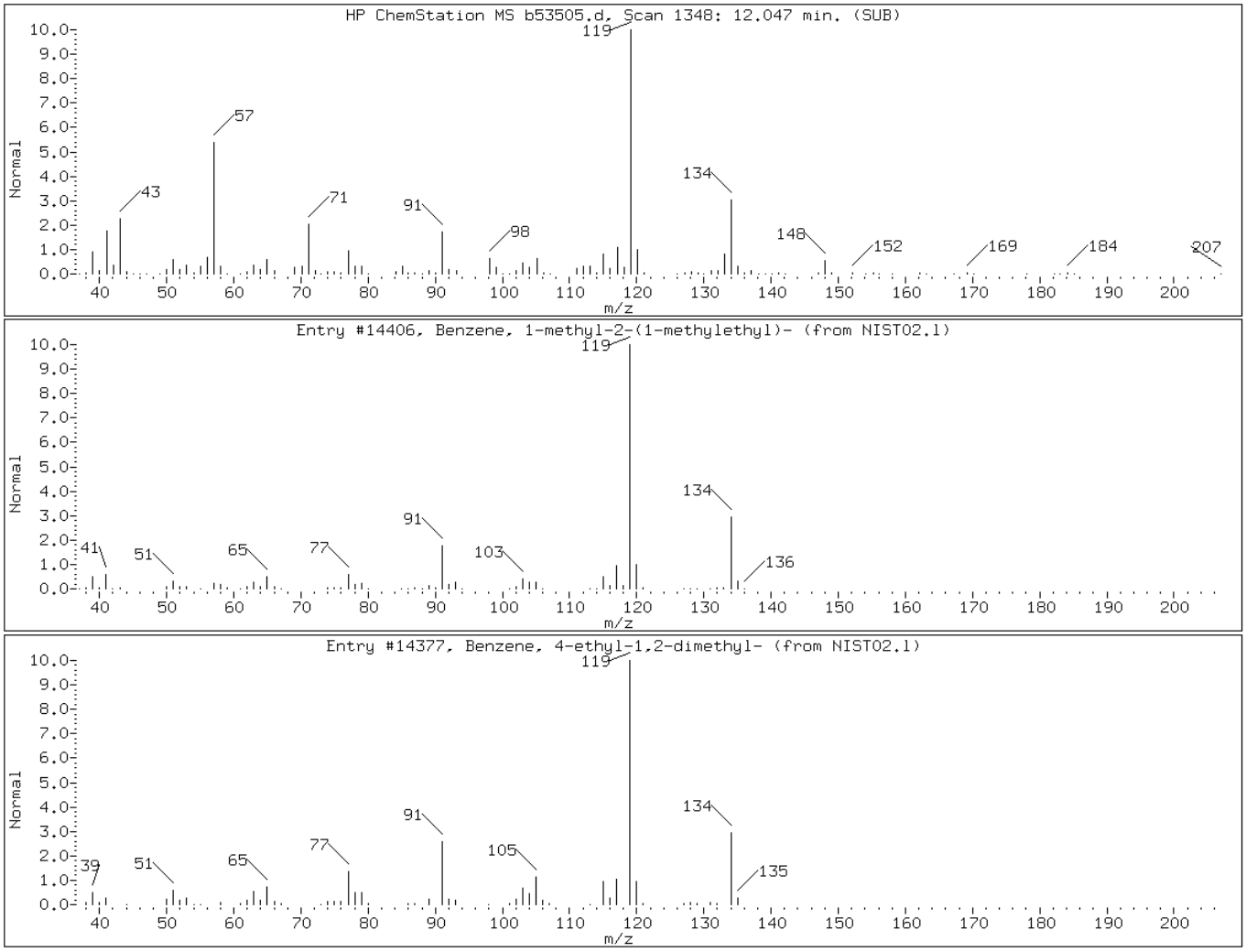
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	94	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	94	C10H14	134



Data File: b53505.d

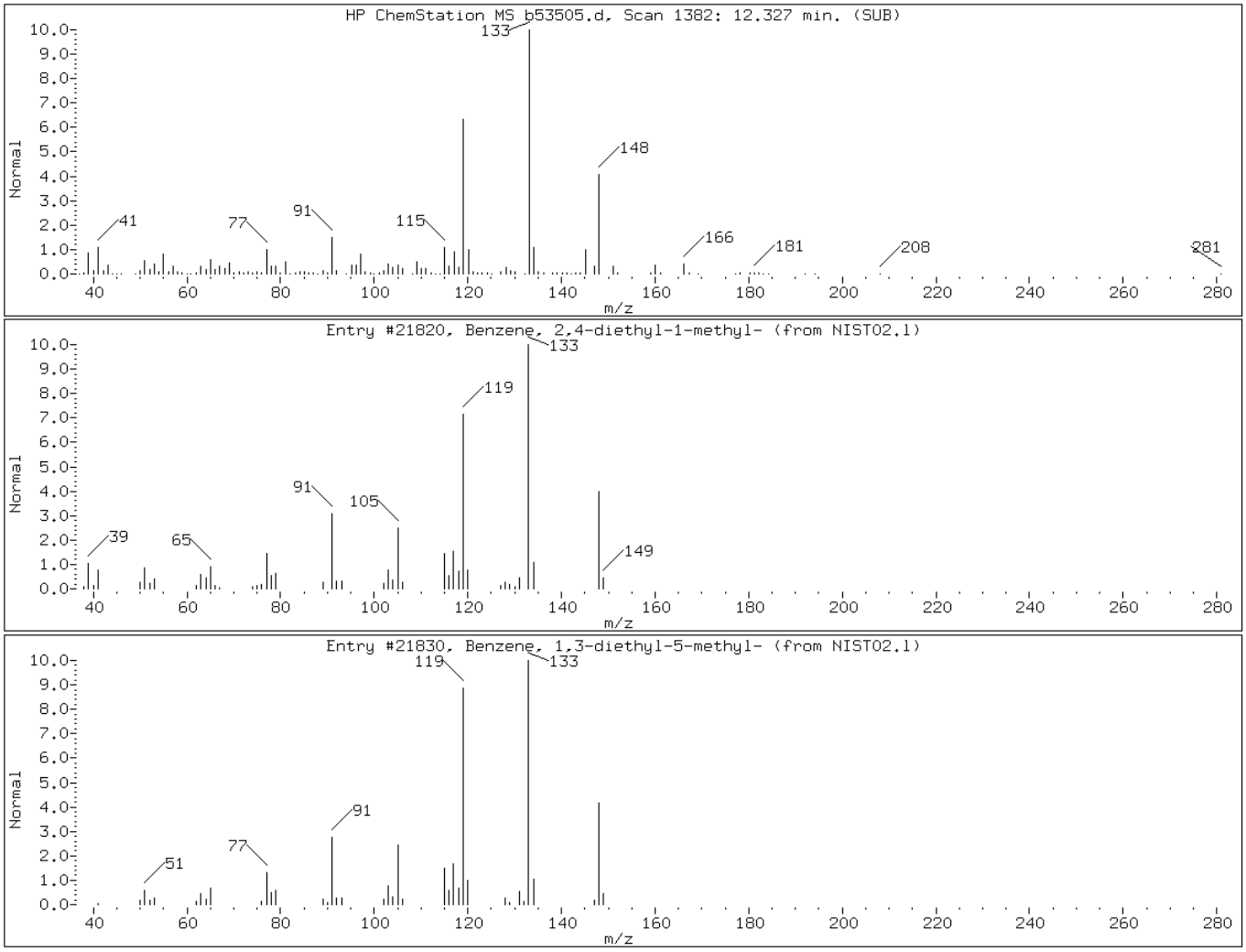
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 12.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	87	C11H16	148
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	72	C11H16	148



Data File: b53505.d

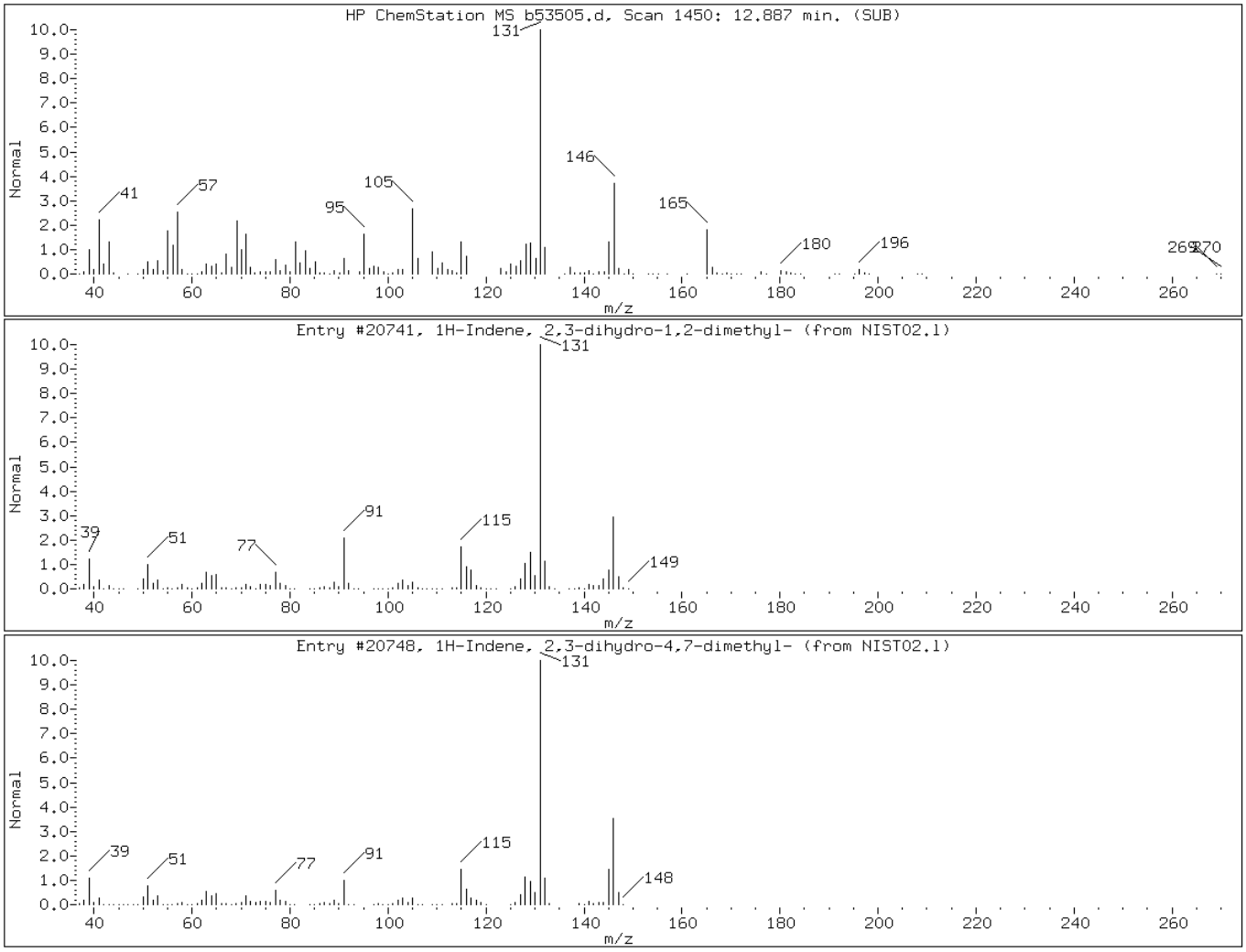
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,2-dimethy	17057-82-8	NIST02.l	20741	86	C11H14	146
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20748	86	C11H14	146



Data File: b53505.d

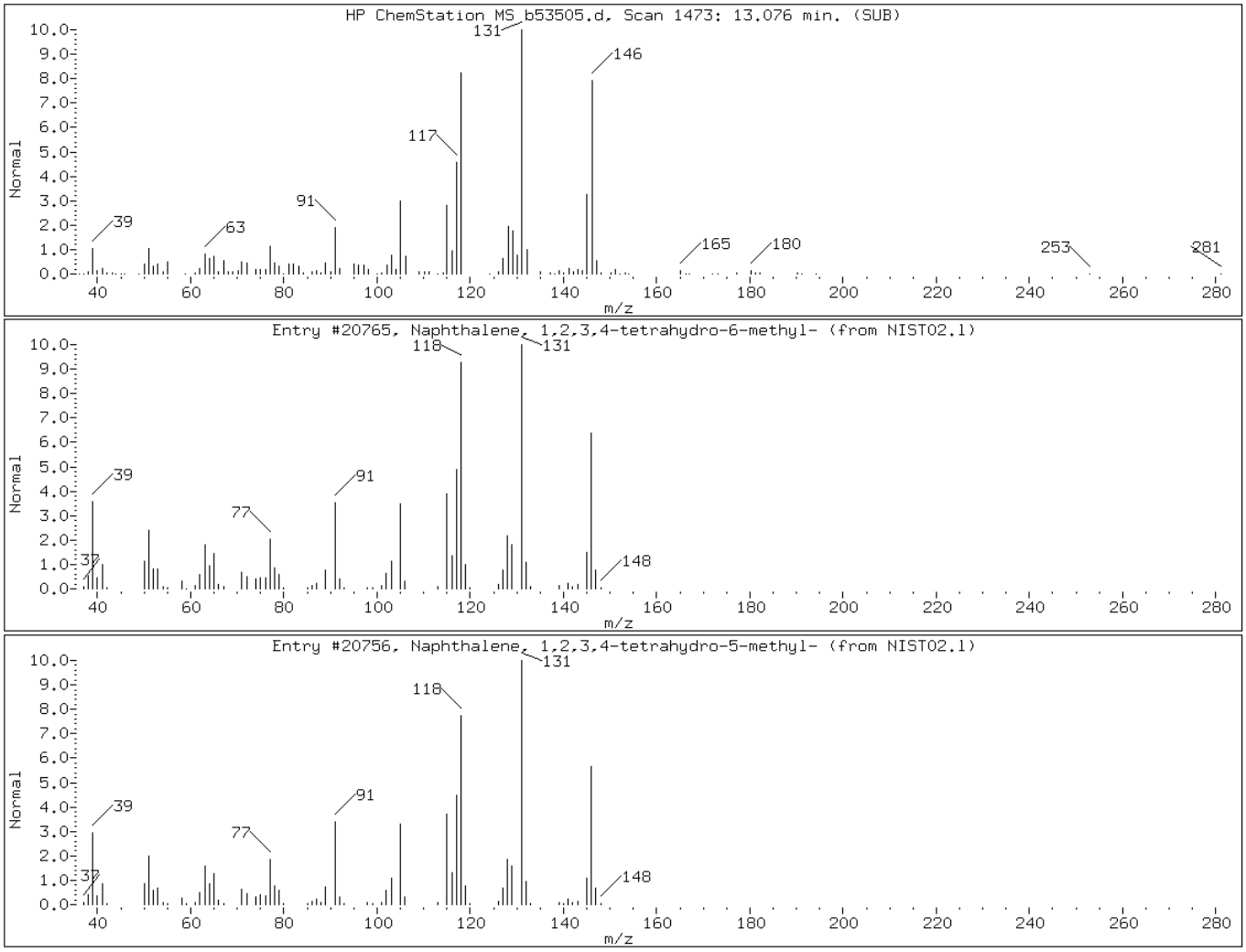
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 13.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20765	95	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20756	91	C11H14	146



Data File: b53505.d

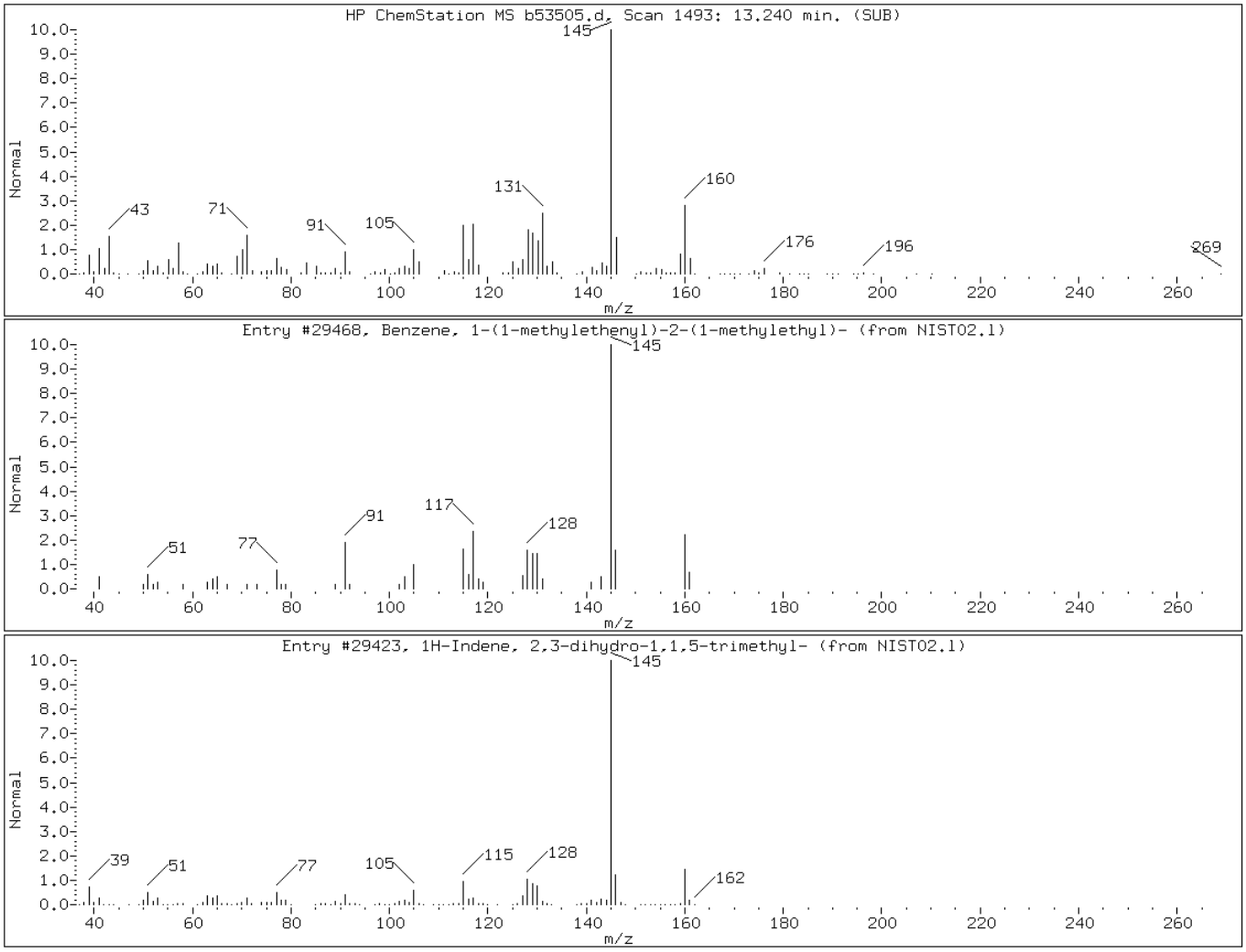
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 13.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	96	C12H16	160
1H-Indene, 2,3-dihydro-1,1,5-trime	40650-41-7	NIST02.l	29423	89	C12H16	160



Data File: b53505.d

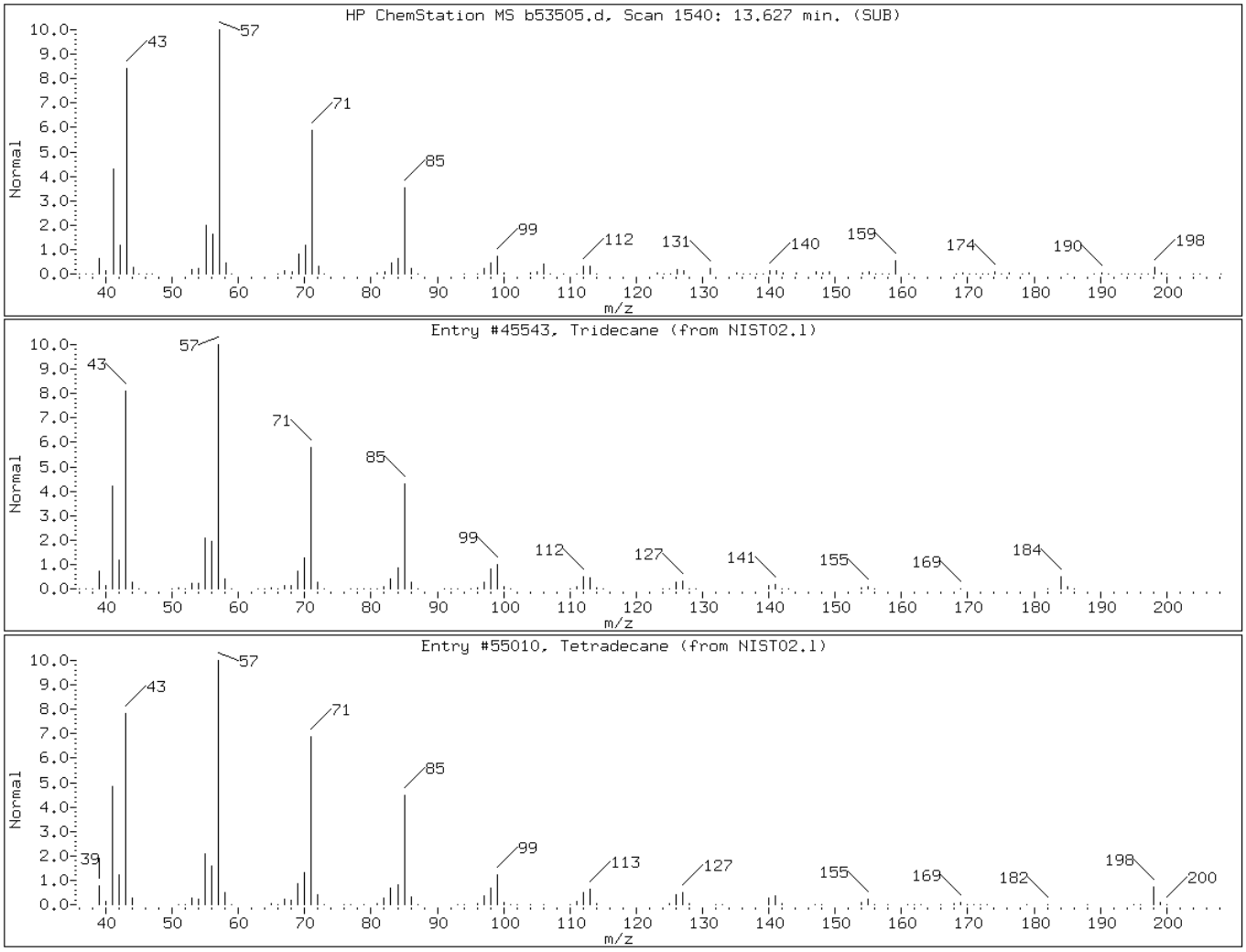
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 13.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tridecane	629-50-5	NIST02.l	45543	95	C13H28	184
Tetradecane	629-59-4	NIST02.l	55010	95	C14H30	198



Data File: b53505.d

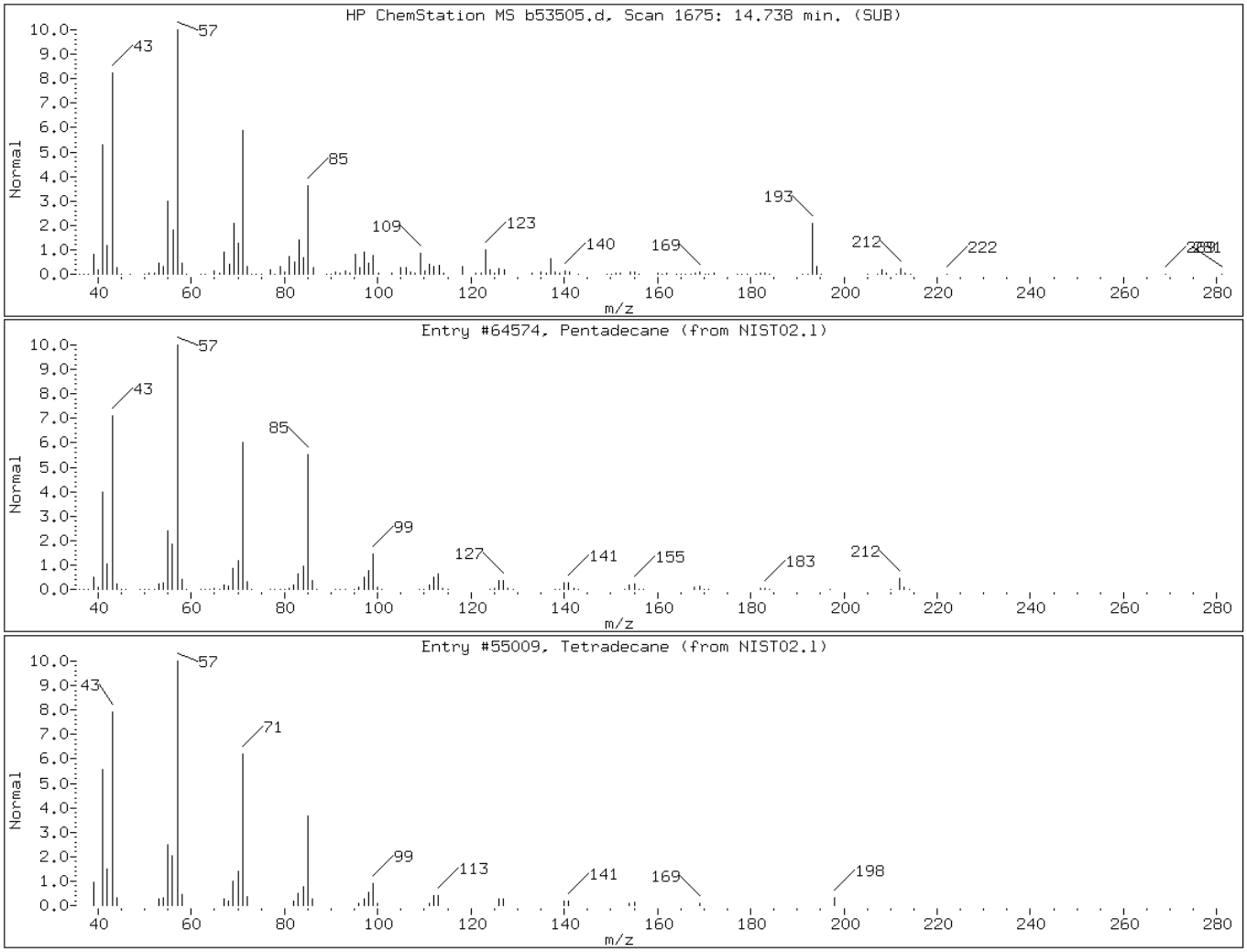
Date: 19-MAR-2013 14:59

Client ID: PMP-16-NE-WT Instrument: VOAMS2.i

Sample Info: 460-52450-B-35-A;50;;7.20;5 Operator:

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane	629-62-9	NIST02.l	64574	92	C15H32	212
Tetradecane	629-59-4	NIST02.l	55009	53	C14H30	198



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI | Lab Sample ID: 460-52450-36

Matrix: Solid | Lab File ID: d30848.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:25

Sample wt/vol: 5.62(g) | Date Analyzed: 03/23/2013 13:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.3 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.0	0.17
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.0	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
106-93-4	1,2-Dibromoethane	0.16	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	3.6		1.0	0.10
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	1.3		1.0	0.17
106-46-7	1,4-Dichlorobenzene	15		1.0	0.11
123-91-1	1,4-Dioxane	13	U	52	13
78-93-3	2-Butanone	0.65	U	10	0.65
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
67-64-1	Acetone	1.8	U	10	1.8
71-43-2	Benzene	0.16	U	1.0	0.16
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33
75-25-2	Bromoform	0.18	U	1.0	0.18
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-15-0	Carbon disulfide	7.6		1.0	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.0	0.16
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
75-00-3	Chloroethane	0.34	U	1.0	0.34
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.17	U	1.0	0.17
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
110-82-7	Cyclohexane	0.13	U	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
100-41-4	Ethylbenzene	140		1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI | Lab Sample ID: 460-52450-36

Matrix: Solid | Lab File ID: d30848.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:25

Sample wt/vol: 5.62(g) | Date Analyzed: 03/23/2013 13:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.3 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	32		1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
108-87-2	Methylcyclohexane	83		1.0	0.10
75-09-2	Methylene Chloride	0.16	U	1.0	0.16
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.29	U	1.0	0.29
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	1.4		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
1330-20-7	Xylenes, Total	63		3.1	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
460-00-4	Bromofluorobenzene	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI Lab Sample ID: 460-52450-36

Matrix: Solid Lab File ID: d30848.d

Analysis Method: 8260B Date Collected: 03/14/2013 16:25

Sample wt/vol: 5.62(g) Date Analyzed: 03/23/2013 13:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.3 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 4020

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	4.05	310	J
	C9H12 Aromatic	9.17	400	J
95-63-6	1,2,4-Trimethylbenzene	9.54	460	
	C10H14 Aromatic	9.98	310	J
	C10H14 Aromatic-1	10.02	420	J
	C10H14 Aromatic-2	10.25	420	J
	Coeluting Aromatics	10.88	560	J
	Coeluting Aromatics-1	11.14	490	J
	C11H14 Aromatic	11.69	310	J
91-57-6	Naphthalene, 2-methyl-	12.30	340	J N

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30848.d
Report Date: 25-Mar-2013 21:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30848.d
Lab Smp Id: 460-52450-D-36-A Client Smp ID: PMP-16-NE-SI
Inj Date : 23-MAR-2013 13:31
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-36-A;;;5.62;5
Misc Info : 460-52450-D-36-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.62000	Weight of sample extracted (g)
M	14.31335	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	8 Carbon Disulfide	76	2.087	2.087	(0.459)	118709	7.28690	7.6
	54 Hexane	56	2.628	2.634	(0.578)	127815	27.2851	28
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.942)	113730	50.2246	52
*	69 Fluorobenzene	96	4.545	4.545	(1.000)	544754	50.0000	
	126 Methyl cyclohexane	83	4.693	4.692	(1.032)	850645	79.5223	82
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	445404	52.1200	54
	38 Toluene	91	6.287	6.287	(0.797)	28370	1.39199	1.4
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	333913	50.0000	
	40 Ethylbenzene	106	7.957	7.957	(1.008)	958847	132.342	140
	43 m+p-Xylene	106	8.098	8.098	(1.026)	530141	59.9254	62
	110 Isopropylbenzene	105	8.745	8.739	(1.108)	724010	30.5674	32
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	196813	50.4255	52
	112 n-Propylbenzene	91	9.080	9.080	(0.925)	1945706	68.9839	72
	102 1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	3011346	150.077	160

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30848.d
Report Date: 25-Mar-2013 21:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	100 1,2,4-Trimethylbenzene	105	9.539	9.533	(0.972)	8743953	442.406	460
	114 sec-Butylbenzene	105	9.616	9.616	(0.980)	685895	25.4663	26
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	188723	50.0000	
	68 1,4-Dichlorobenzene	146	9.827	9.822	(1.001)	169976	14.7480	15
	67 1,3-Dichlorobenzene	146	9.757	9.757	(0.994)	15210	1.29218	1.3
	69 1,2-Dichlorobenzene	146	10.127	10.127	(1.032)	36375	3.42012	3.6(H)
	70 Naphthalene	128	11.410	11.404	(1.162)	1307179	99.4818	100(H)
M	45 Xylene (Total)	100				530141	61.1219	63

QC Flag Legend

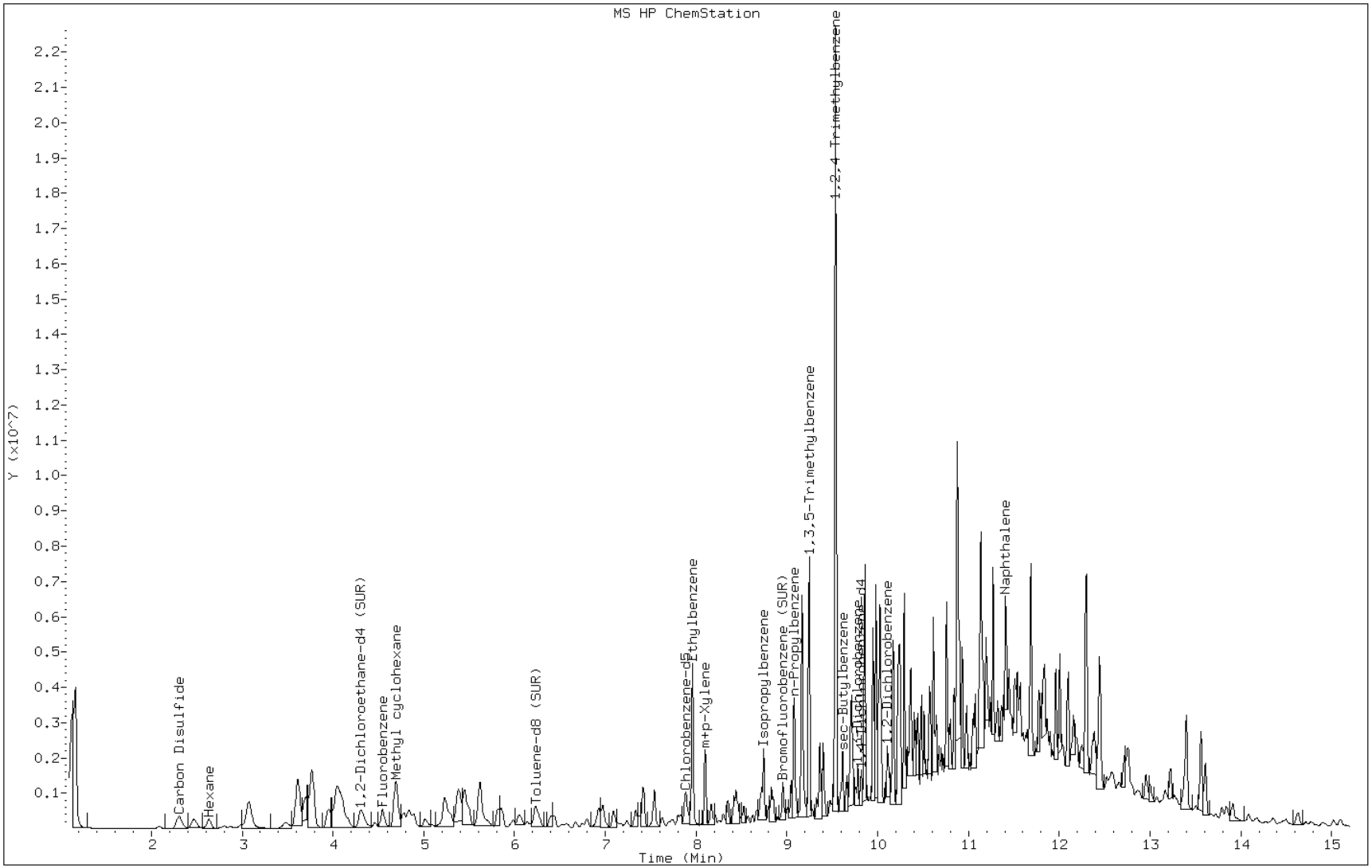
H - Operator selected an alternate compound hit.

Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9



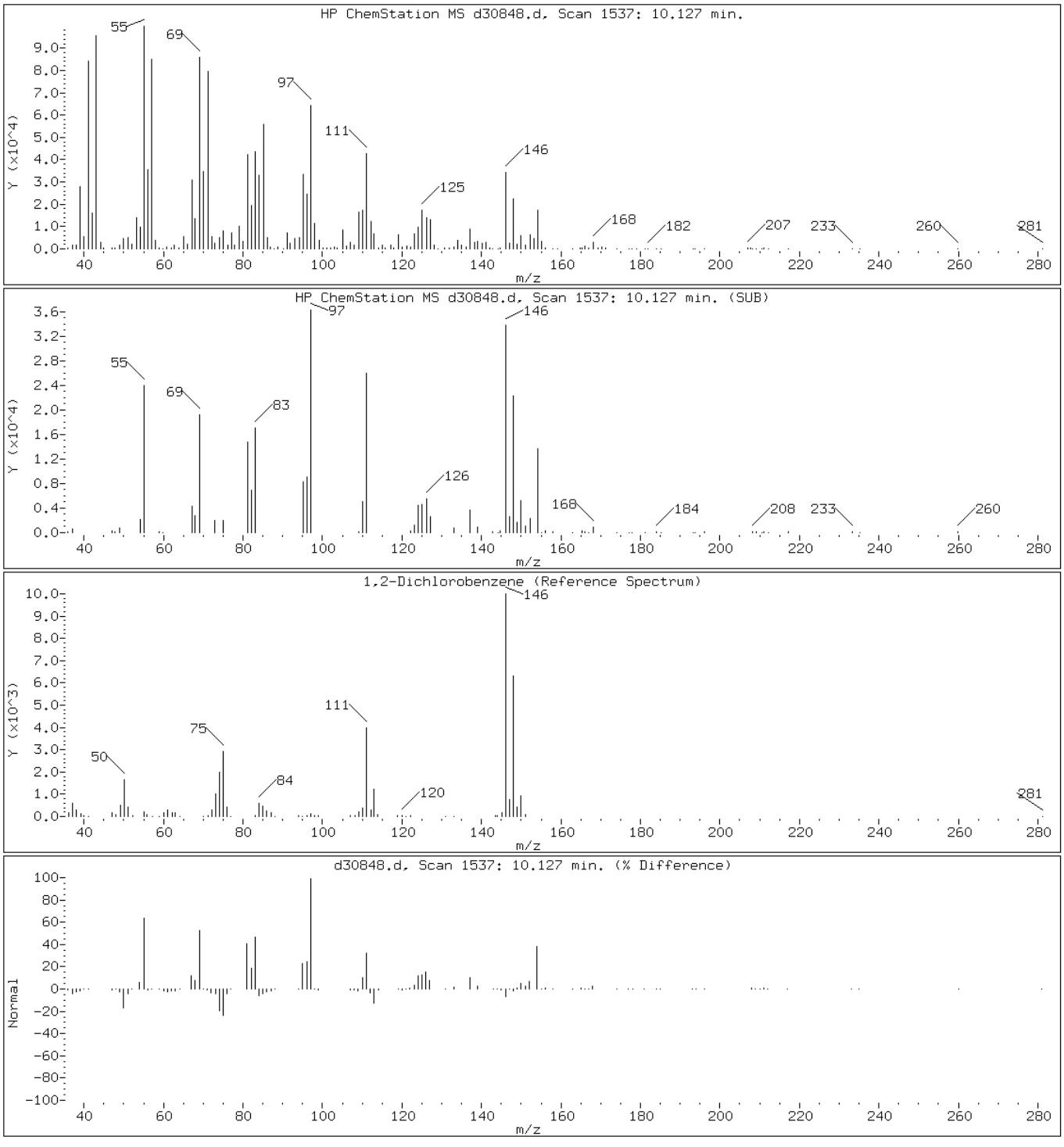
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



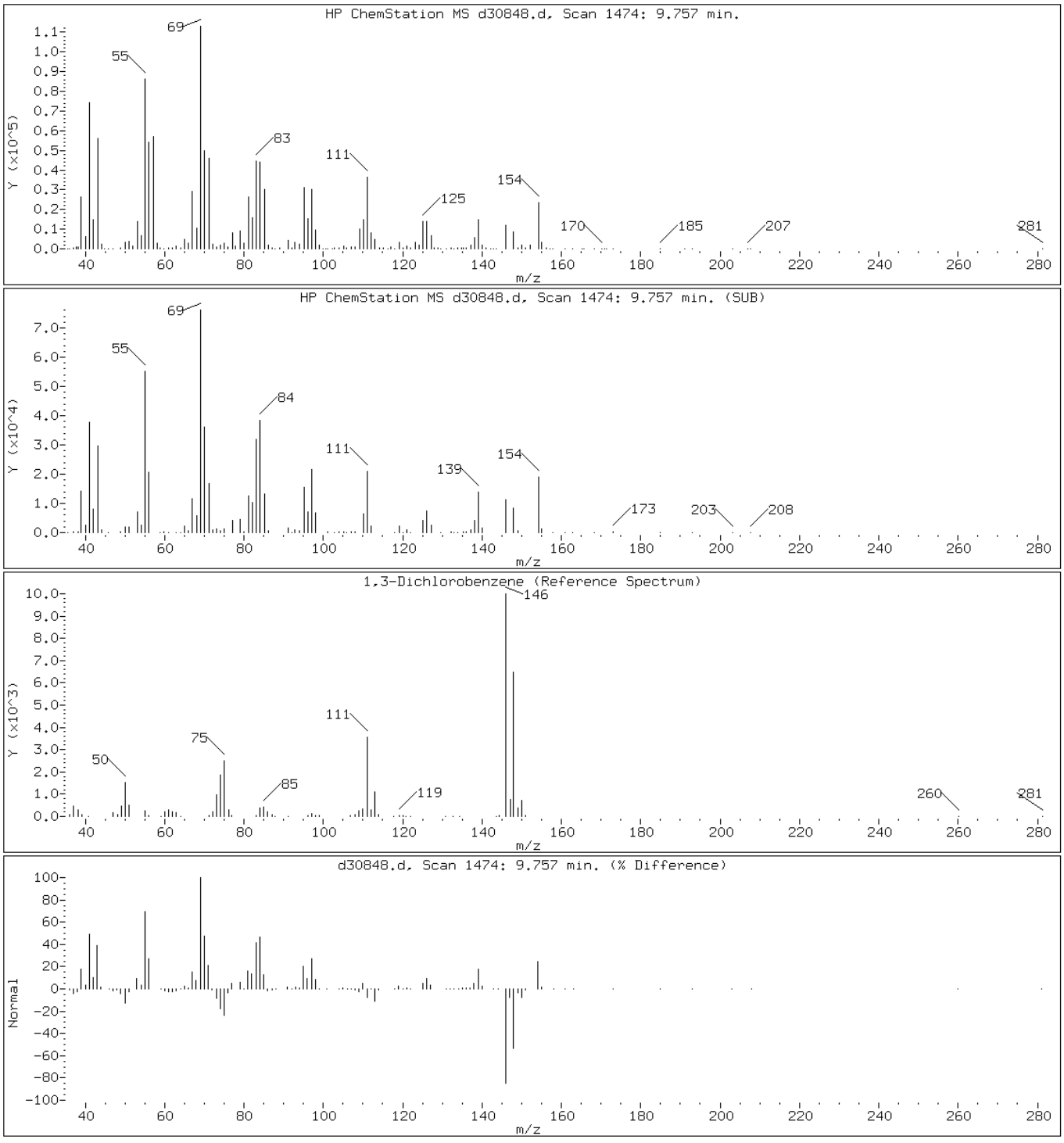
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



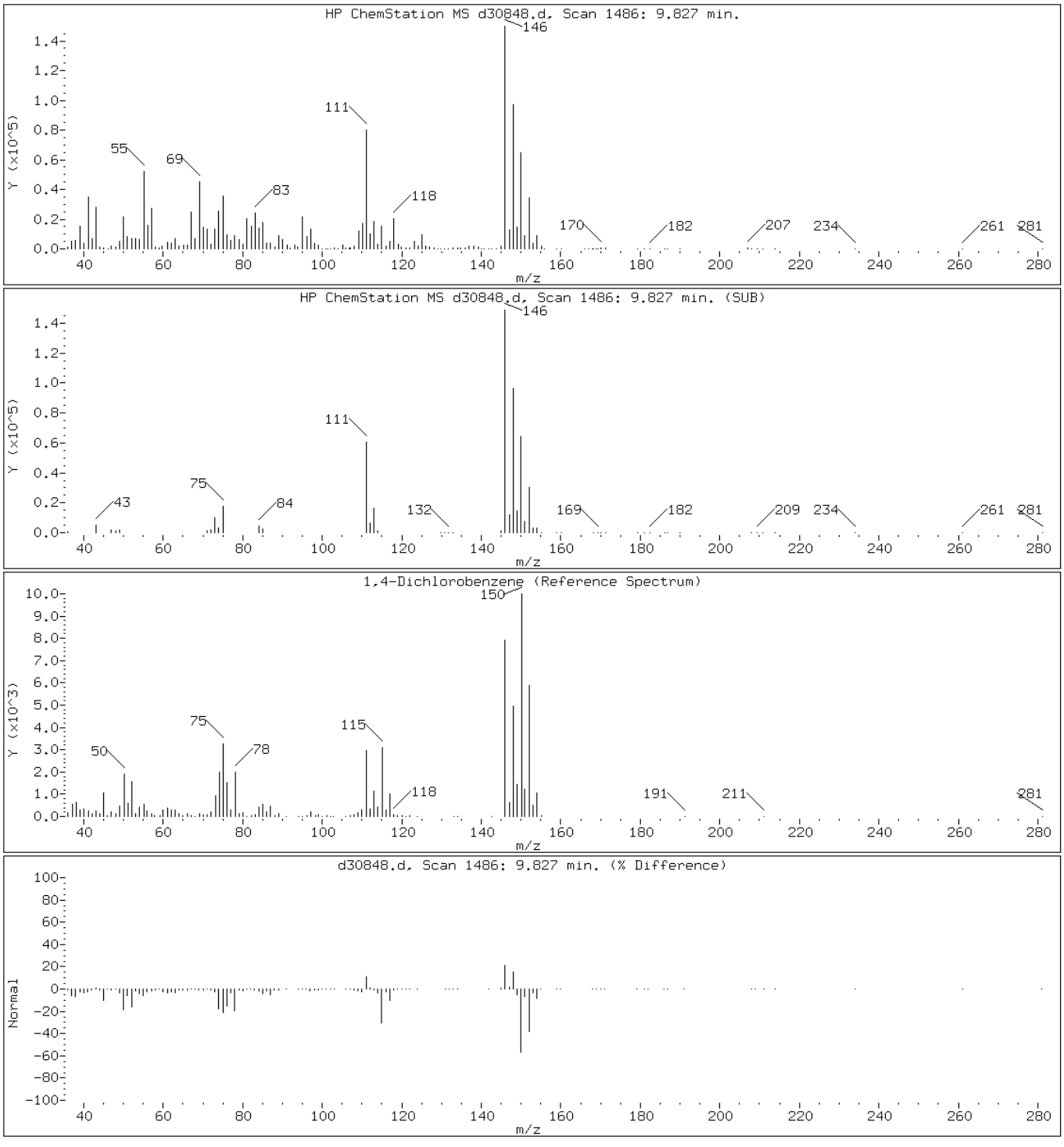
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



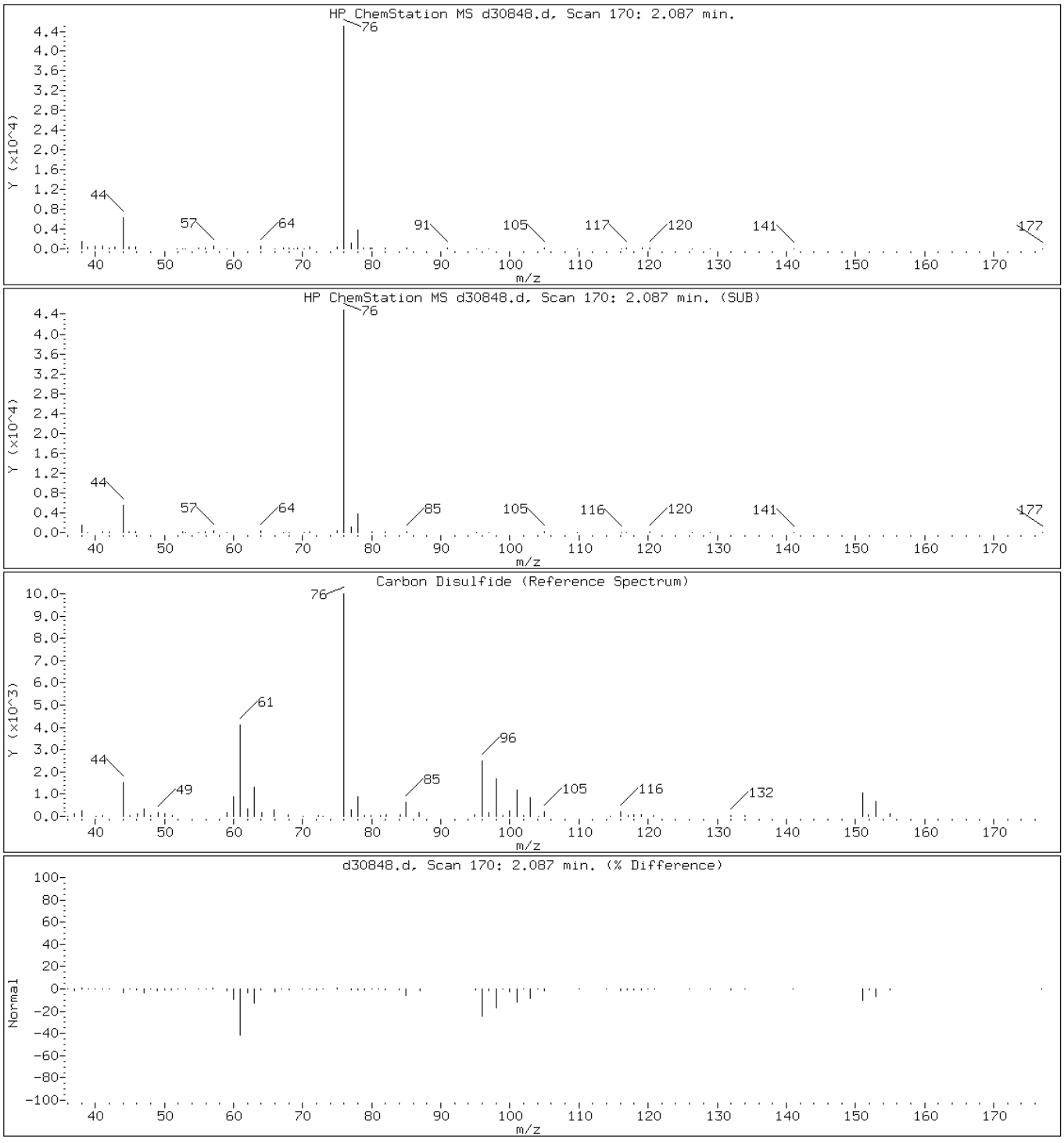
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

8 Carbon Disulfide



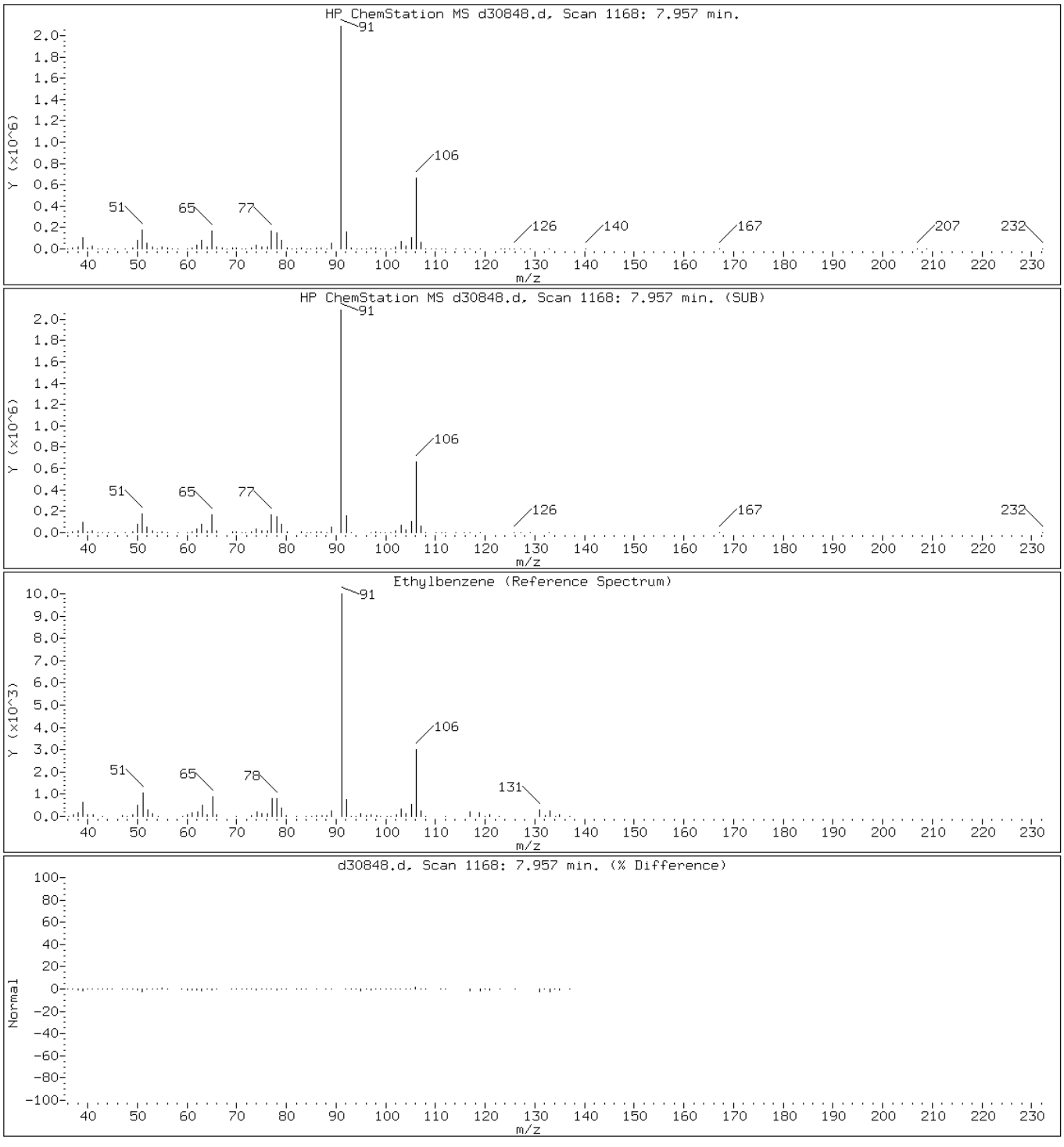
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

40 Ethylbenzene



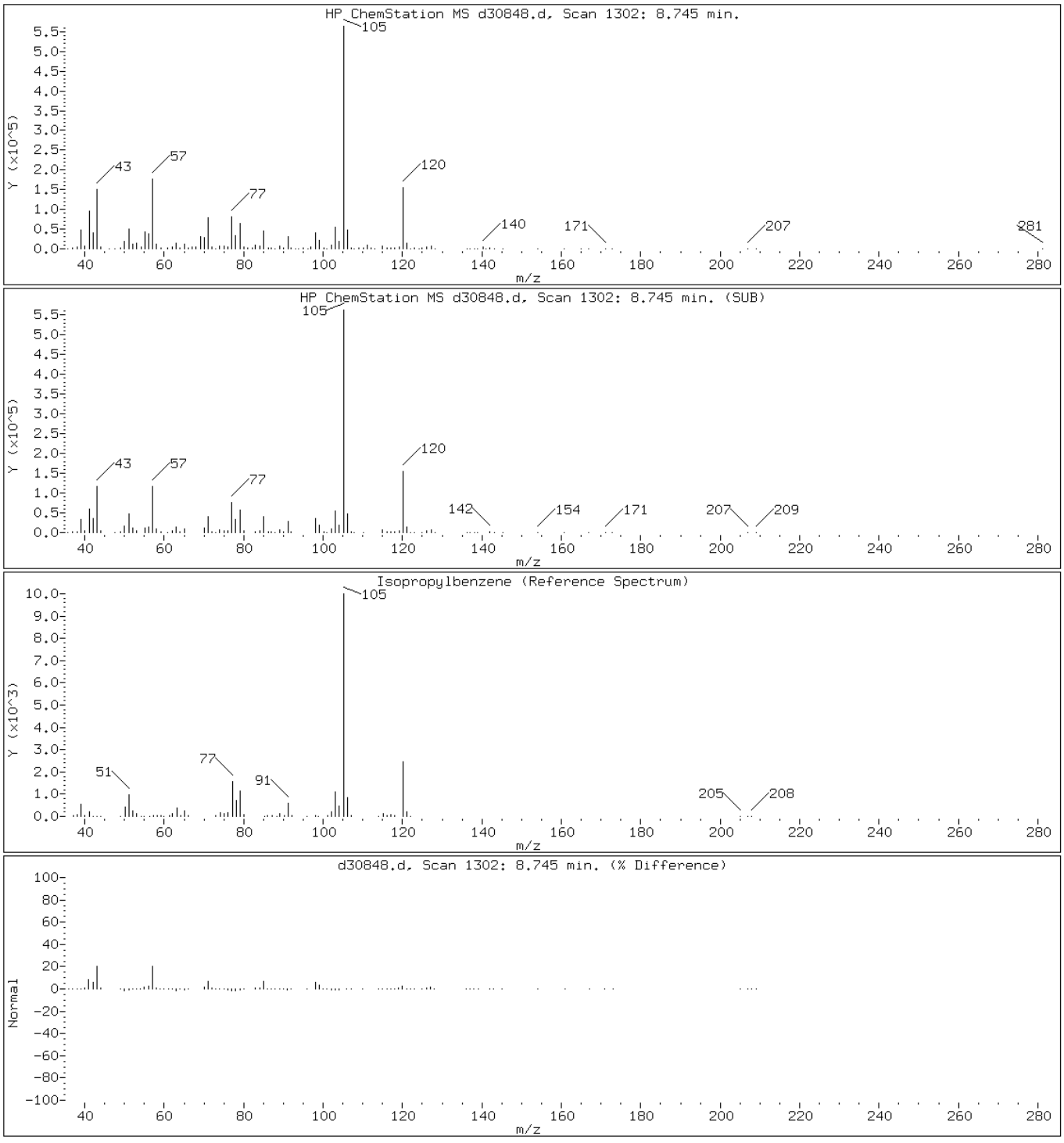
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

110 Isopropylbenzene



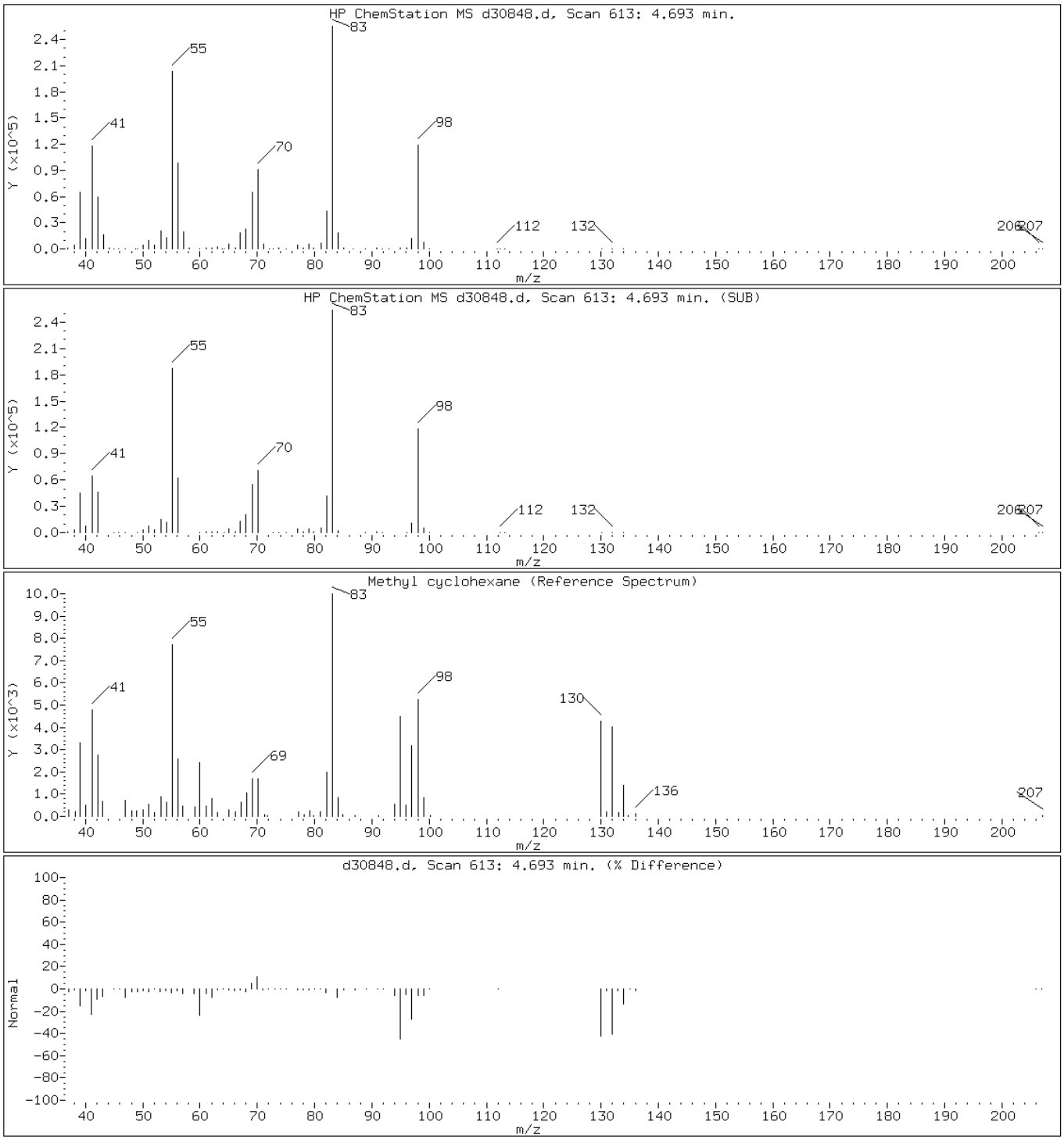
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

126 Methyl cyclohexane



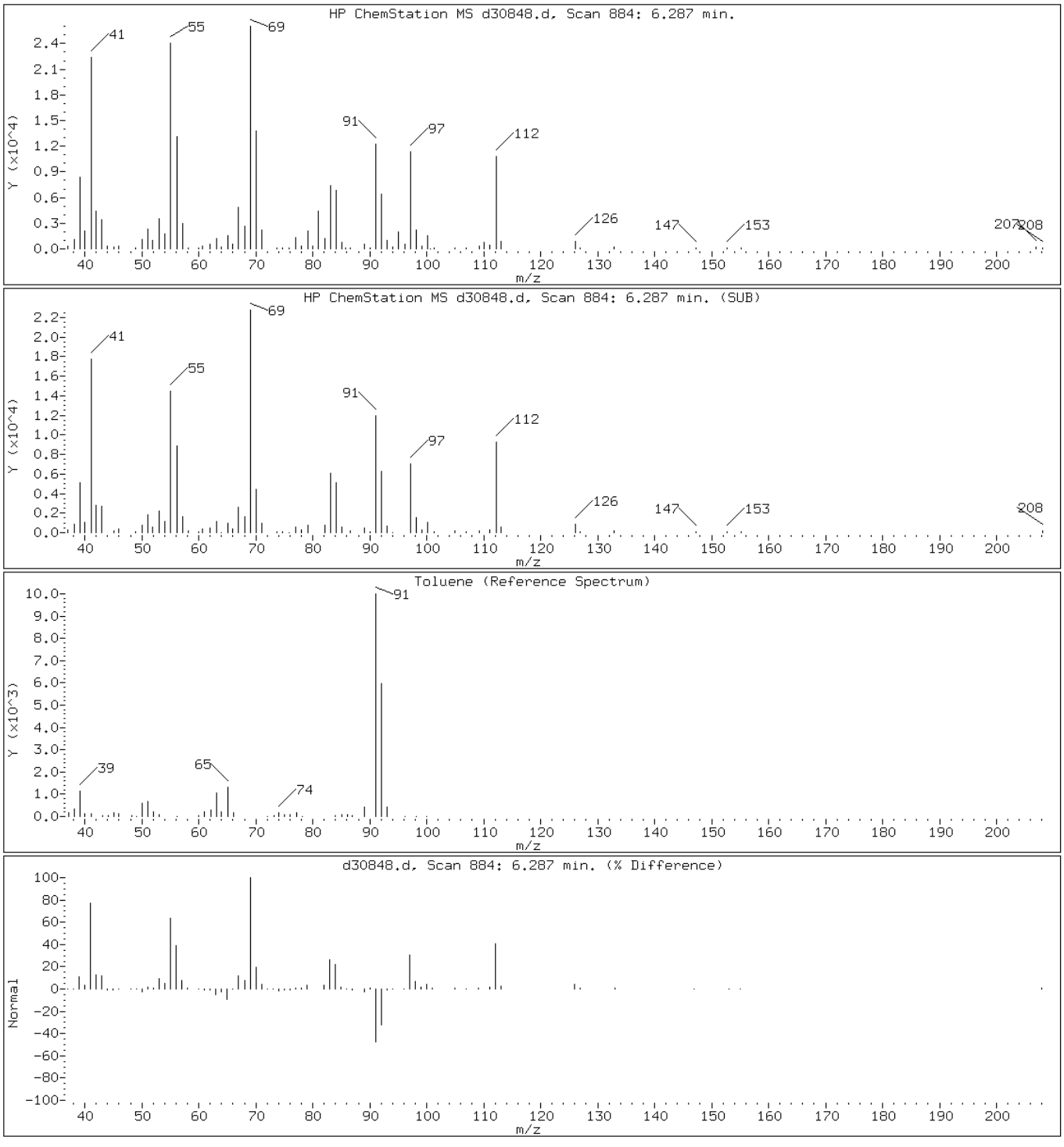
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

38 Toluene



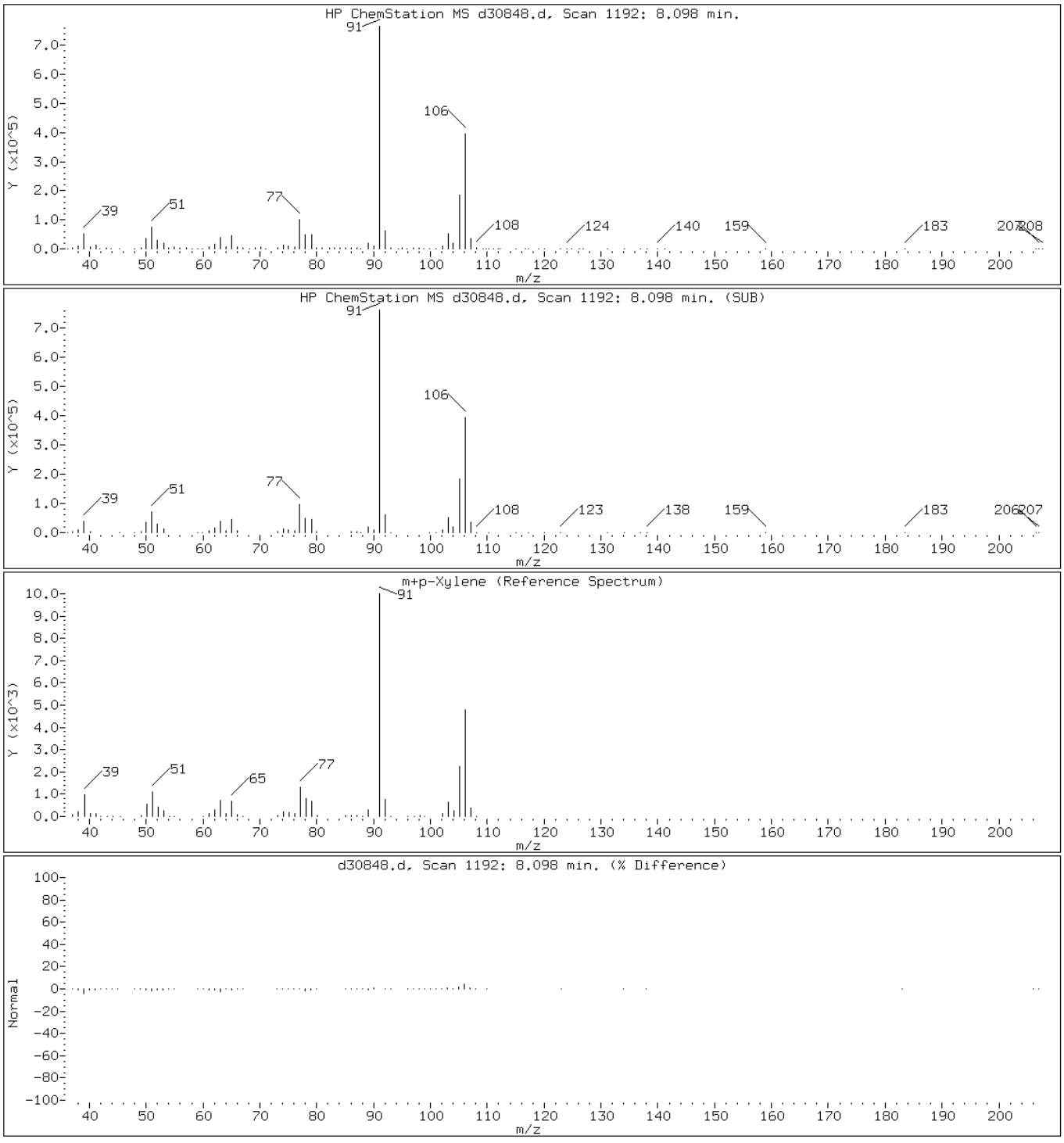
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

43 m+p-Xylene



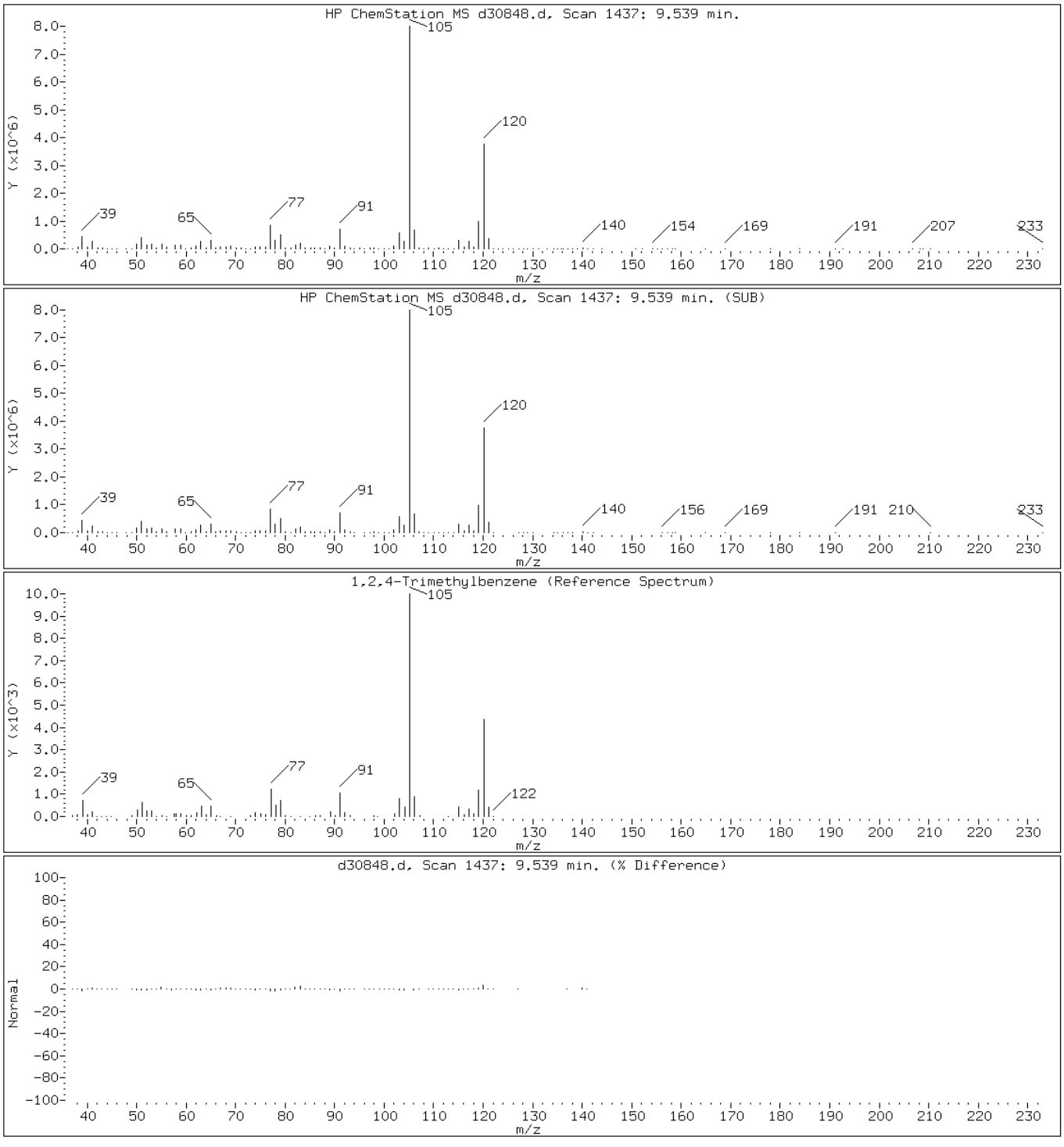
Data File: d30848.d

Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

100 1,2,4-Trimethylbenzene



Data File: d30848.d

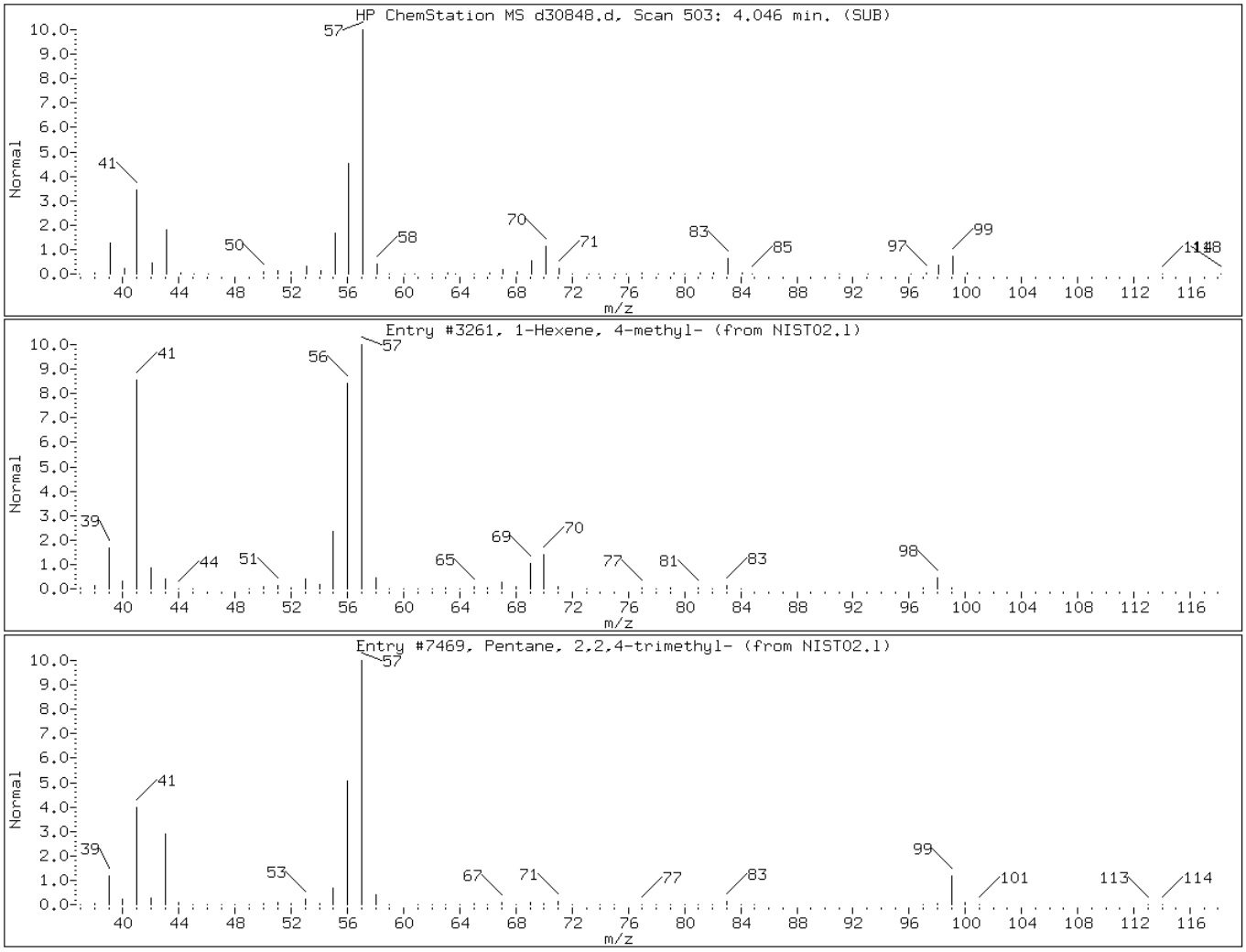
Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

Retention Time: 4.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
1-Hexene, 4-methyl-	3769-23-1	NIST02.l	3261	64	C7H14	98
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.l	7469	59	C8H18	114



Data File: d30848.d

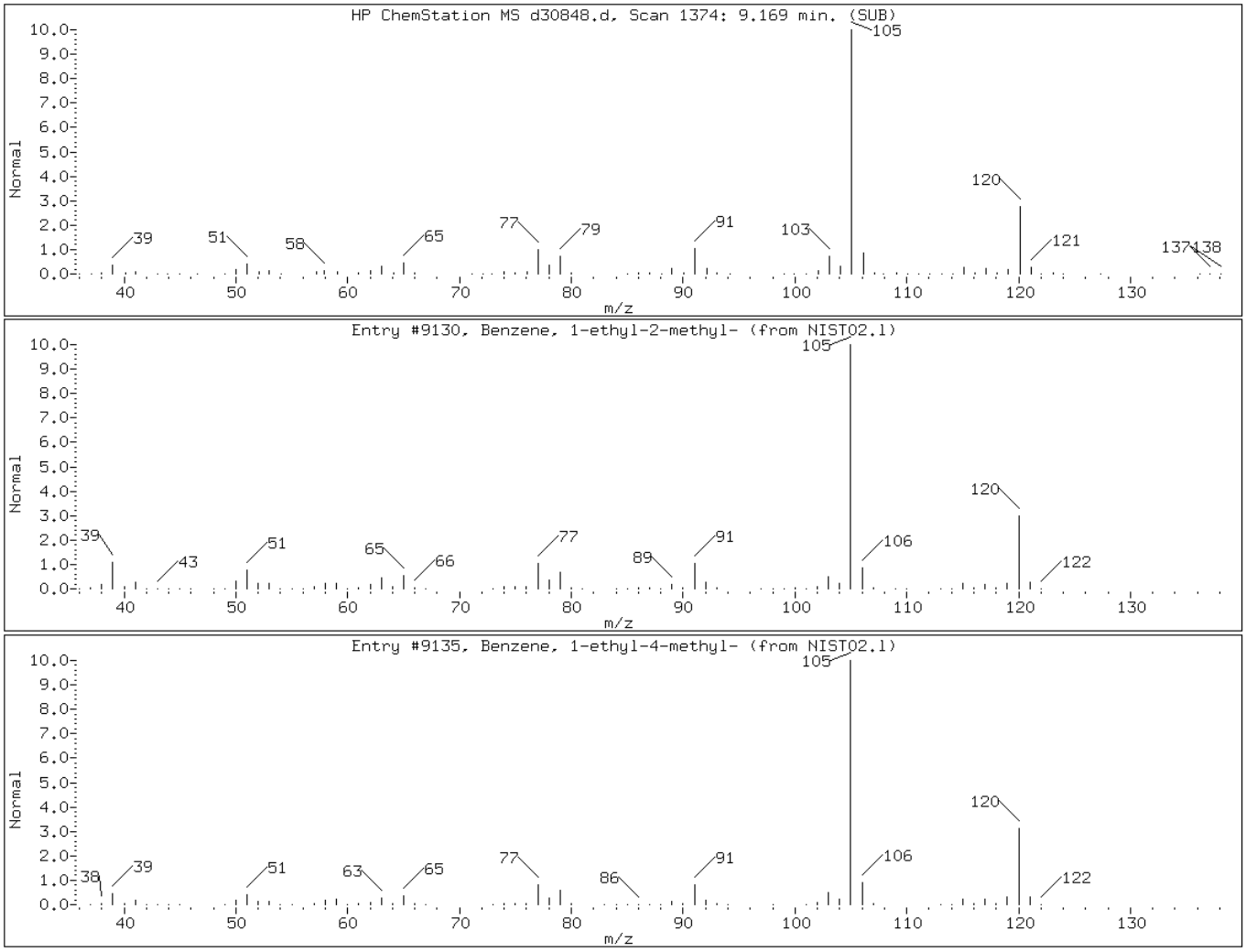
Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	95	C9H12	120
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9135	91	C9H12	120



Data File: d30848.d

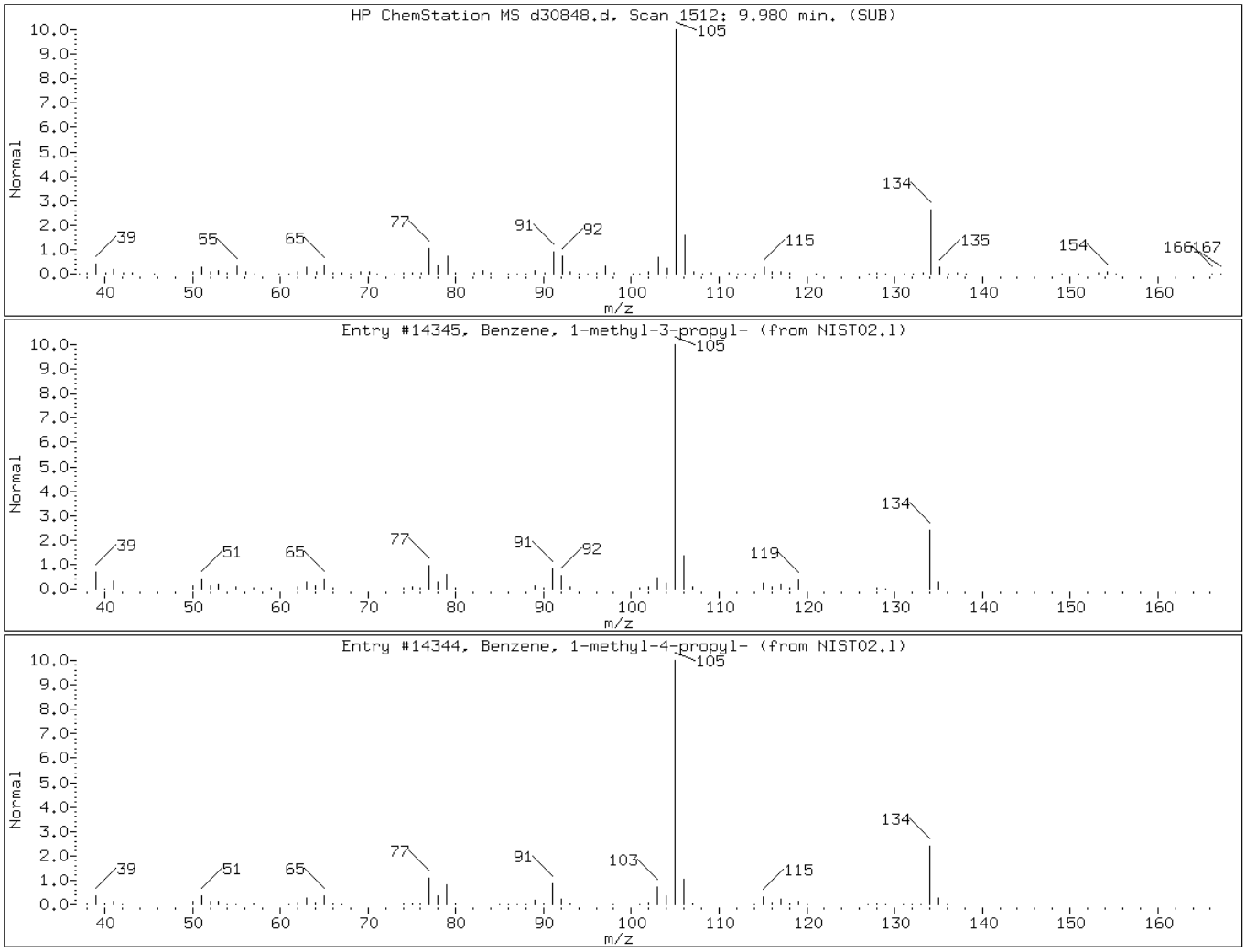
Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

Retention Time: 9.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.l	14345	91	C10H14	134
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.l	14344	90	C10H14	134



Data File: d30848.d

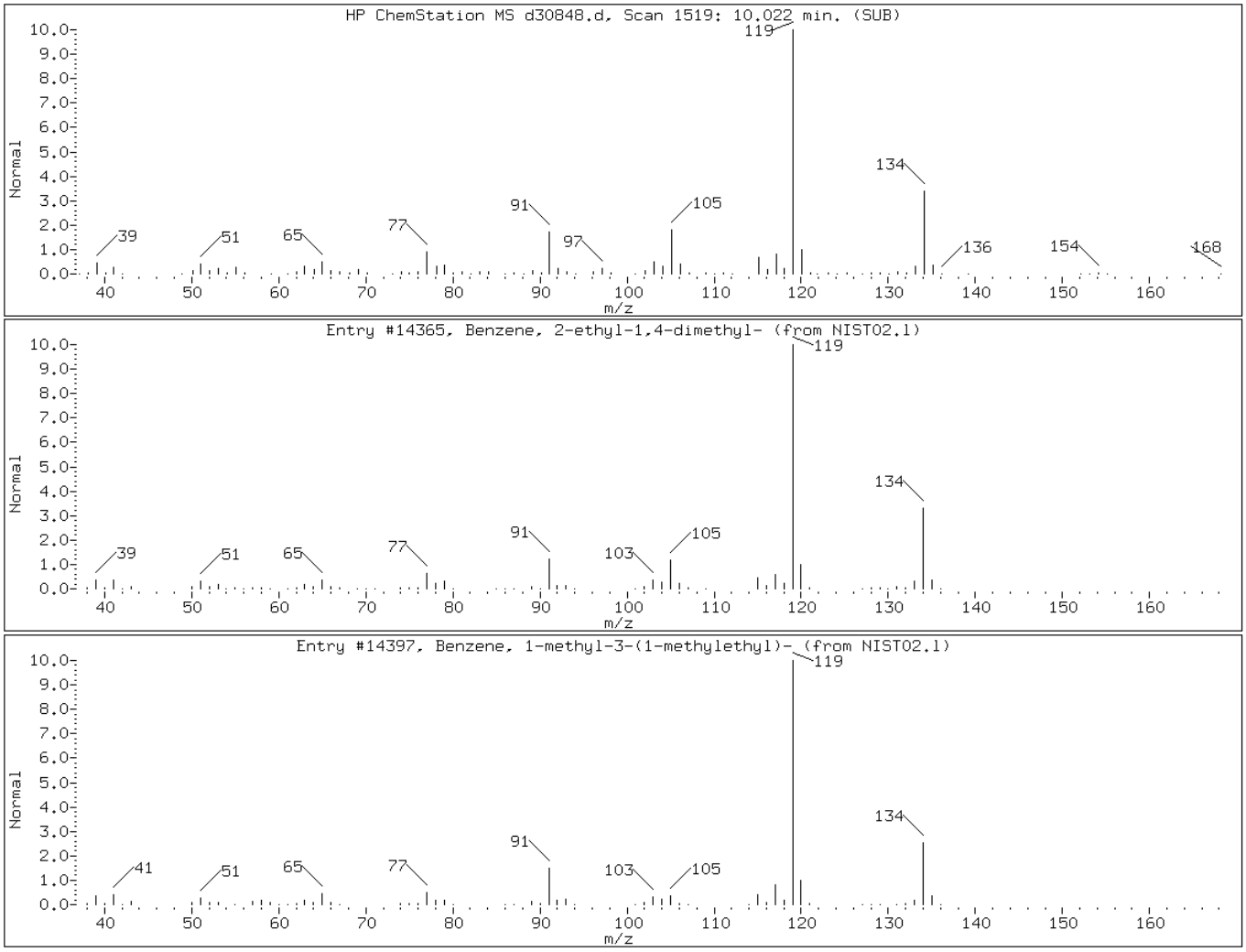
Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

Retention Time: 10.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	96	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	95	C10H14	134



Data File: d30848.d

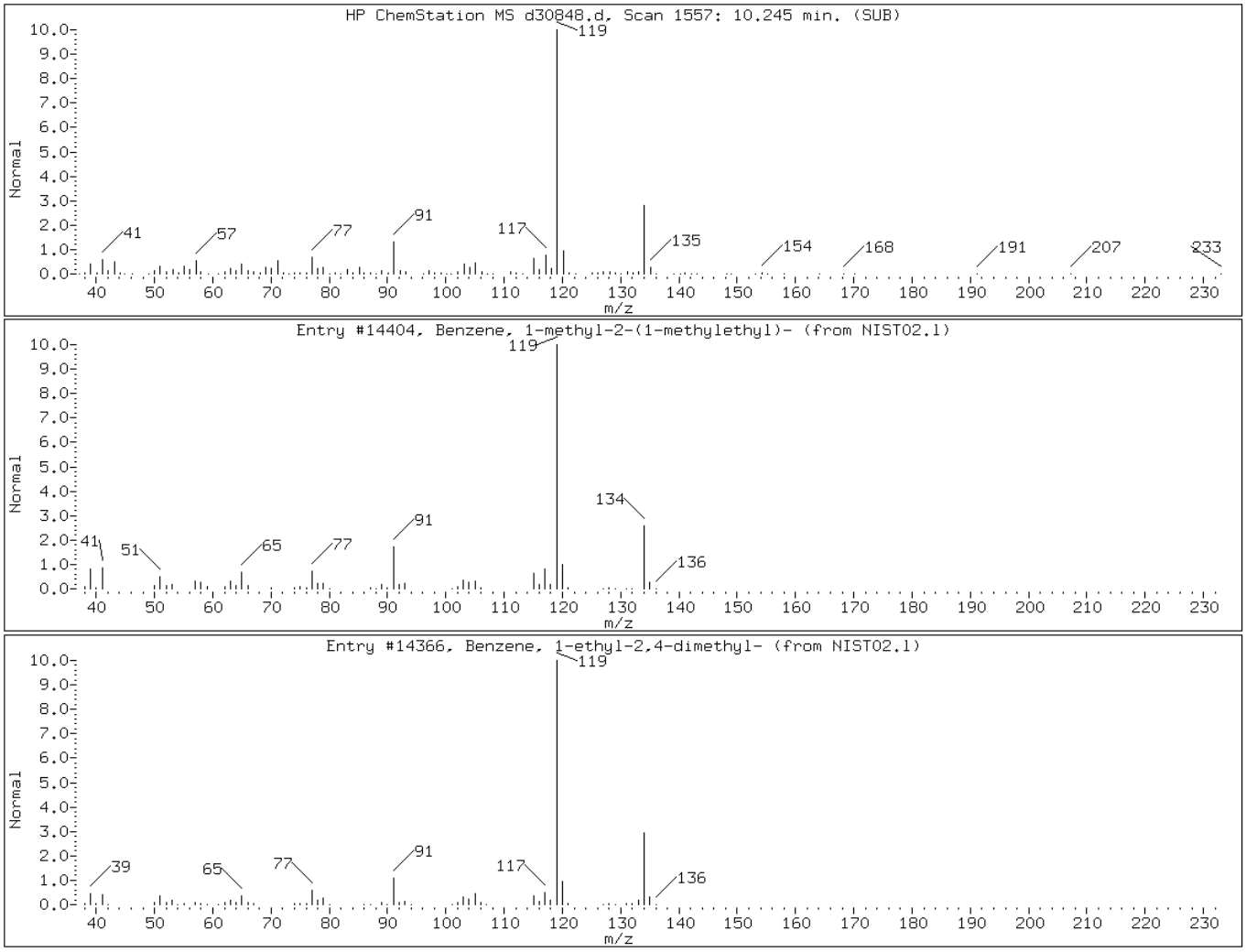
Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-2						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	95	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	94	C10H14	134



Data File: d30848.d

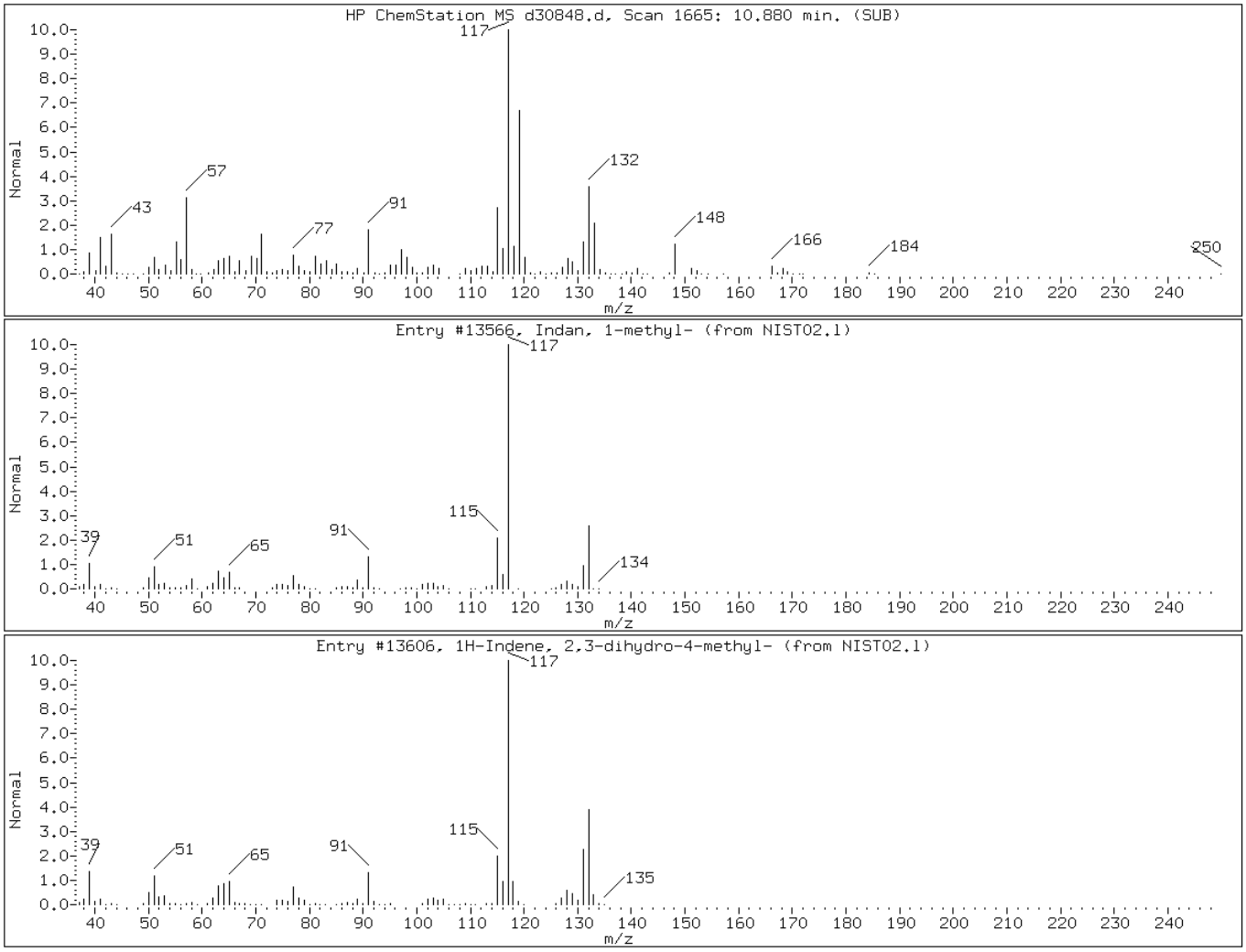
Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

Retention Time: 10.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Indan, 1-methyl-	767-58-8	NIST02.l	13566	60	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	60	C10H12	132



Data File: d30848.d

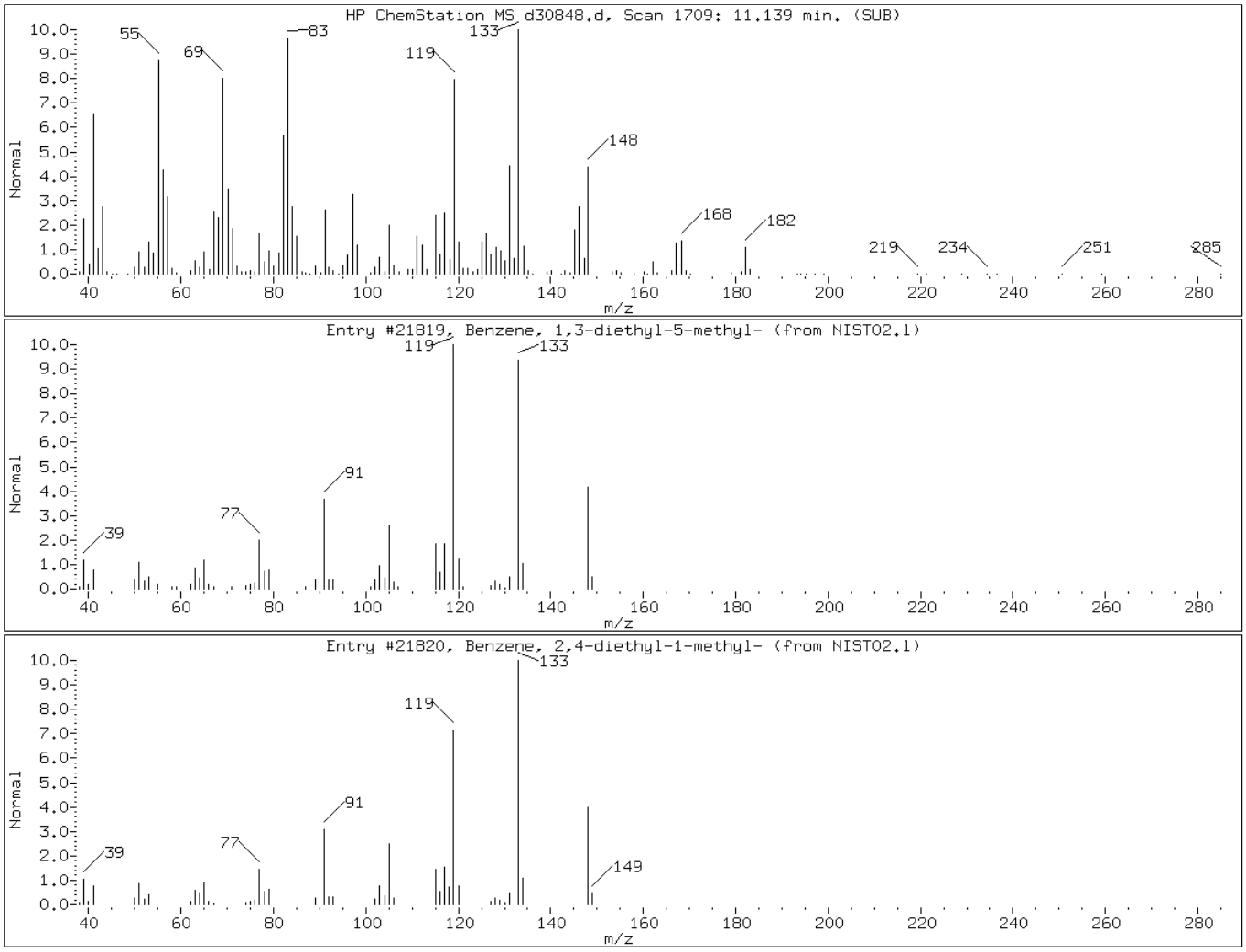
Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

Retention Time: 11.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics-1						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	60	C11H16	148
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	46	C11H16	148



Data File: d30848.d

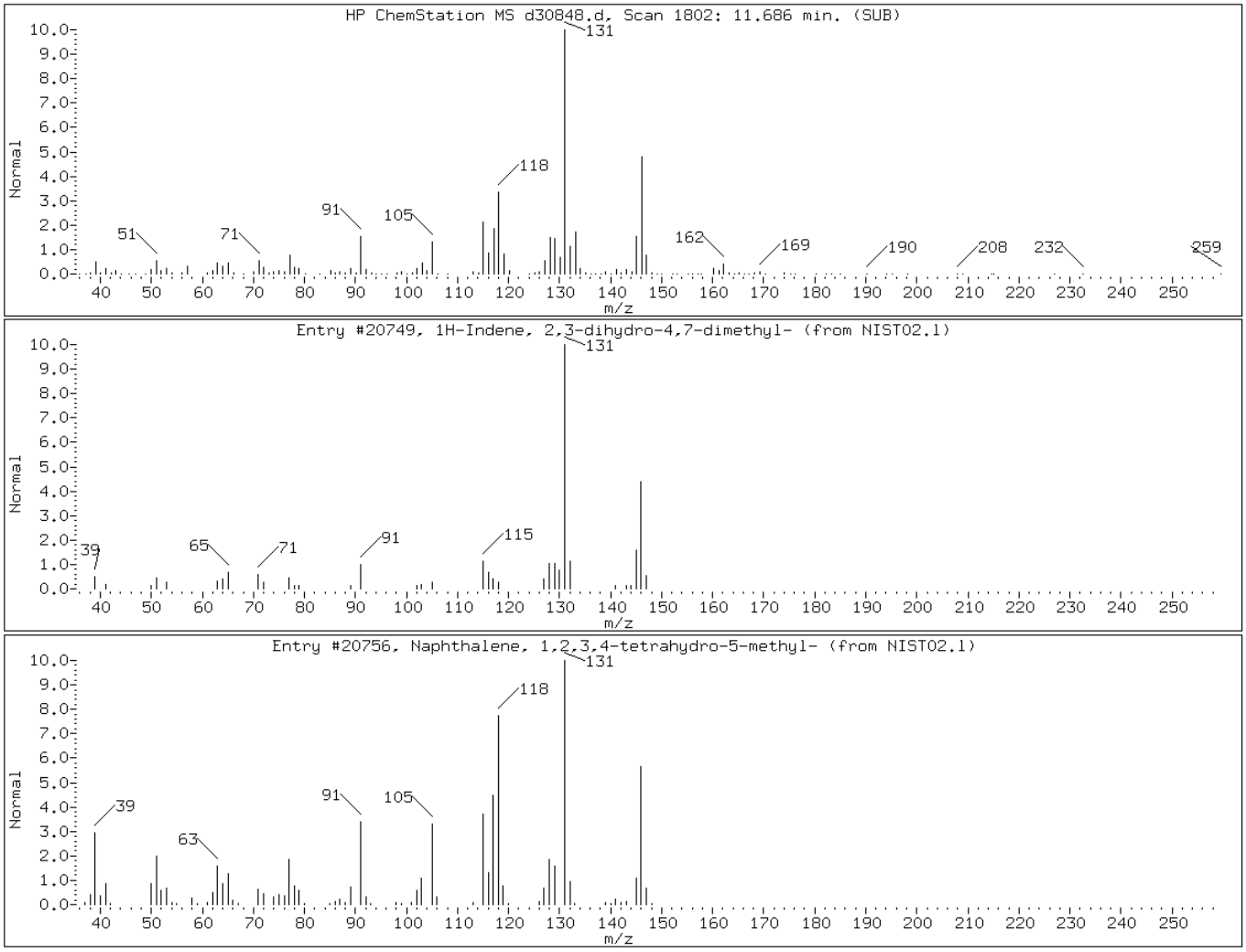
Date: 23-MAR-2013 13:31

Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

Retention Time: 11.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20749	95	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20756	89	C11H14	146



Data File: d30848.d

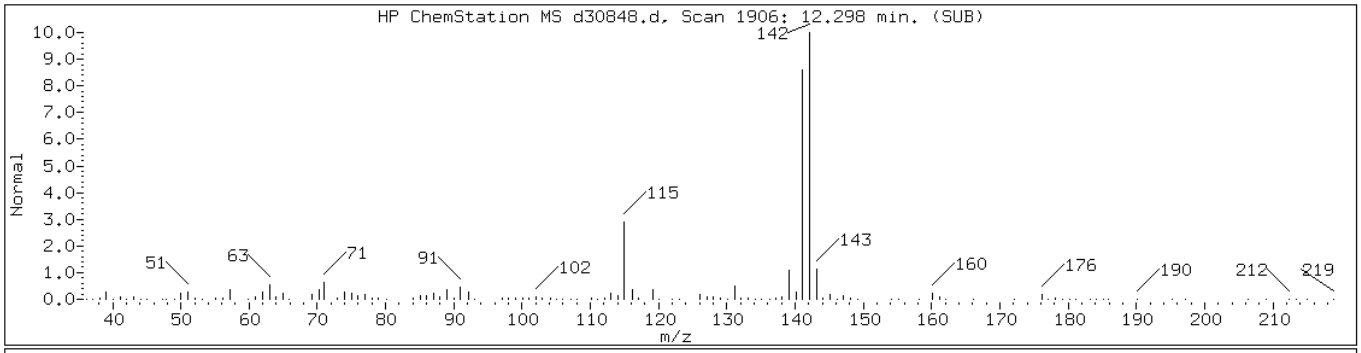
Date: 23-MAR-2013 13:31

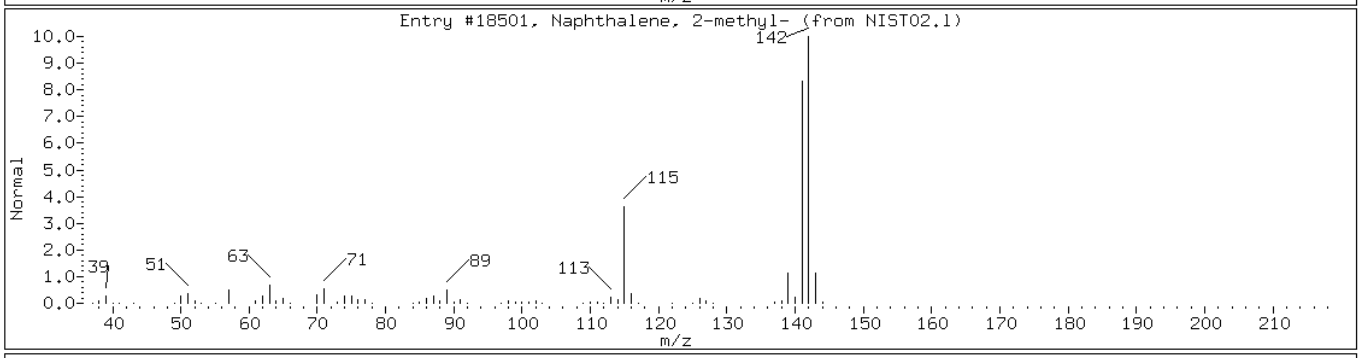
Client ID: PMP-16-NE-SI Instrument: VOAMS4.i

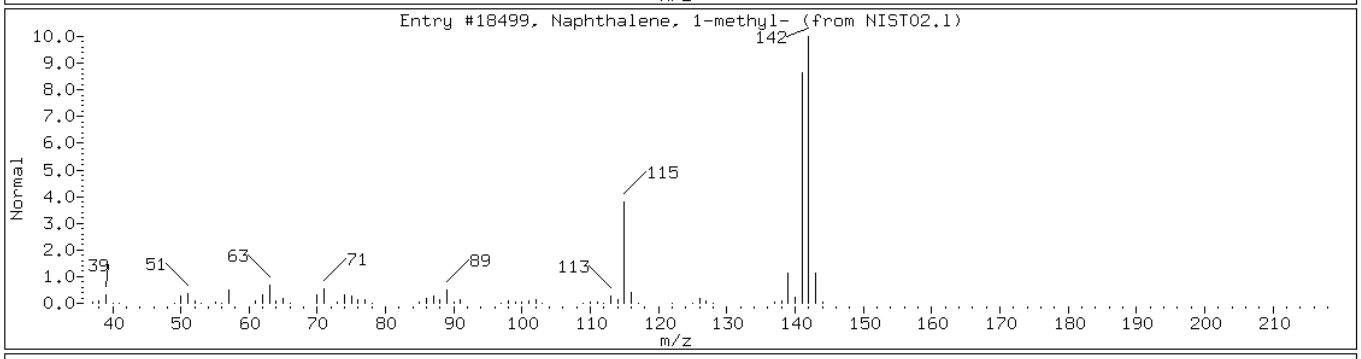
Sample Info: 460-52450-D-36-A;;;5.62;5 Operator: VOAMS 9

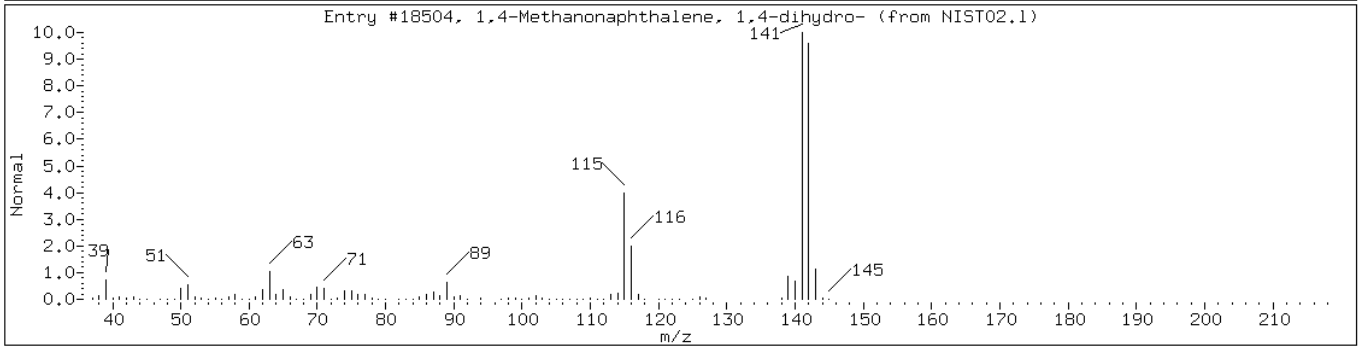
Retention Time: 12.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	90	C11H10	142









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD | Lab Sample ID: 460-52450-37

Matrix: Solid | Lab File ID: o71647.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:50

Sample wt/vol: 5.96(g) | Date Analyzed: 03/25/2013 20:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.3 | Level: (low/med) Low

Analysis Batch No.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.90	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.081	U	0.90	0.081
79-00-5	1,1,2-Trichloroethane	0.13	U	0.90	0.13
75-34-3	1,1-Dichloroethane	0.10	U	0.90	0.10
75-35-4	1,1-Dichloroethene	0.17	U	0.90	0.17
87-61-6	1,2,3-Trichlorobenzene	0.46	J	0.90	0.14
120-82-1	1,2,4-Trichlorobenzene	1.4		0.90	0.17
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.90	0.40
106-93-4	1,2-Dibromoethane	0.14	U	0.90	0.14
95-50-1	1,2-Dichlorobenzene	0.090	U	0.90	0.090
107-06-2	1,2-Dichloroethane	0.16	U	0.90	0.16
78-87-5	1,2-Dichloropropane	0.14	U	0.90	0.14
541-73-1	1,3-Dichlorobenzene	0.14	U	0.90	0.14
106-46-7	1,4-Dichlorobenzene	0.10	U	0.90	0.10
123-91-1	1,4-Dioxane	11	U	45	11
78-93-3	2-Butanone	0.57	U	9.0	0.57
591-78-6	2-Hexanone	0.12	U	9.0	0.12
108-10-1	4-Methyl-2-pentanone	0.18	U	9.0	0.18
67-64-1	Acetone	32	B	9.0	1.5
71-43-2	Benzene	0.14	U	0.90	0.14
74-97-5	Bromochloromethane	0.10	U	0.90	0.10
75-27-4	Bromodichloromethane	0.29	U	0.90	0.29
75-25-2	Bromoform	0.15	U	0.90	0.15
74-83-9	Bromomethane	0.39	U	0.90	0.39
75-15-0	Carbon disulfide	0.14	U	0.90	0.14
56-23-5	Carbon tetrachloride	0.14	U	0.90	0.14
108-90-7	Chlorobenzene	0.16	U	0.90	0.16
75-00-3	Chloroethane	0.37	J	0.90	0.30
67-66-3	Chloroform	0.67	J	0.90	0.22
74-87-3	Chloromethane	1.2		0.90	0.14
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.90	0.10
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.90	0.13
110-82-7	Cyclohexane	0.12	U	0.90	0.12
124-48-1	Dibromochloromethane	0.090	U	0.90	0.090
75-71-8	Dichlorodifluoromethane	0.20	U	0.90	0.20
100-41-4	Ethylbenzene	0.15	U	0.90	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD | Lab Sample ID: 460-52450-37

Matrix: Solid | Lab File ID: o71647.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:50

Sample wt/vol: 5.96(g) | Date Analyzed: 03/25/2013 20:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.3 | Level: (low/med) Low

Analysis Batch No.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.10	U	0.90	0.10
98-82-8	Isopropylbenzene	0.10	U	0.90	0.10
79-20-9	Methyl acetate	0.29	U	0.90	0.29
108-87-2	Methylcyclohexane	0.090	U	0.90	0.090
75-09-2	Methylene Chloride	0.80	J B	0.90	0.14
1634-04-4	MTBE	0.10	U	0.90	0.10
100-42-5	Styrene	0.25	U	0.90	0.25
127-18-4	Tetrachloroethene	0.38	J	0.90	0.11
108-88-3	Toluene	0.13	U	0.90	0.13
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.90	0.12
10061-02-6	trans-1,3-Dichloropropene	0.090	U	0.90	0.090
79-01-6	Trichloroethene	0.32	J	0.90	0.11
75-69-4	Trichlorofluoromethane	0.14	U	0.90	0.14
75-01-4	Vinyl chloride	0.31	U	0.90	0.31
1330-20-7	Xylenes, Total	0.61	U	2.7	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD Lab Sample ID: 460-52450-37

Matrix: Solid Lab File ID: o71647.d

Analysis Method: 8260B Date Collected: 03/14/2013 16:50

Sample wt/vol: 5.96(g) Date Analyzed: 03/25/2013 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.3 Level: (low/med) Low

Analysis Batch No.: 152683 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71647.d
Report Date: 27-Mar-2013 11:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71647.d
Lab Smp Id: 460-52450-E-37-A Client Smp ID: PMP-15-NE-VD
Inj Date : 25-MAR-2013 20:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-52450-E-37-A;;;5.96;5
Misc Info : 460-52450-E-37-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/8260L_10.m
Meth Date : 25-Mar-2013 16:37 audberto Quant Type: ISTD
Cal Date : 09-MAR-2013 08:54 Cal File: o70919.d
Als bottle: 10
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	5.96000	Weight of sample extracted (g)
M	7.29537	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	1 Chloromethane	50	0.973	0.966	(0.264)	7566	1.28218	1.2(H)
	5 Chloroethane	64	1.202	1.195	(0.327)	1197	0.40618	0.37(aH)
	7 Acetone	43	1.647	1.646	(0.447)	46343	35.4729	32
	6 Methylene Chloride	84	1.883	1.876	(0.512)	3620	0.87859	0.80(a)
	15 Chloroform	83	2.986	2.972	(0.811)	4939	0.74211	0.67(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.387	3.380	(0.920)	118937	50.3253	46
*	69 Fluorobenzene	96	3.681	3.674	(1.000)	687378	50.0000	
	25 Trichloroethene	95	4.025	4.025	(1.093)	1490	0.35163	0.32(a)
$	37 Toluene-d8 (SUR)	98	5.357	5.357	(0.740)	435583	45.9341	42
	35 Tetrachloroethene	166	6.095	6.102	(0.842)	2203	0.41721	0.38(a)
*	32 Chlorobenzene-d5	117	7.241	7.234	(1.000)	508596	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.039	9.039	(0.829)	210459	45.9176	42
*	91 1,4-Dichlorobenzene-d4	152	10.901	10.901	(1.000)	292163	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.251	13.251	(1.216)	12408	1.50817	1.4

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71647.d
Report Date: 27-Mar-2013 11:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
98 1,2,3-Trichlorobenzene	180	13.666	13.666	(1.254)	3730	0.51025	0.46(a)

QC Flag Legend

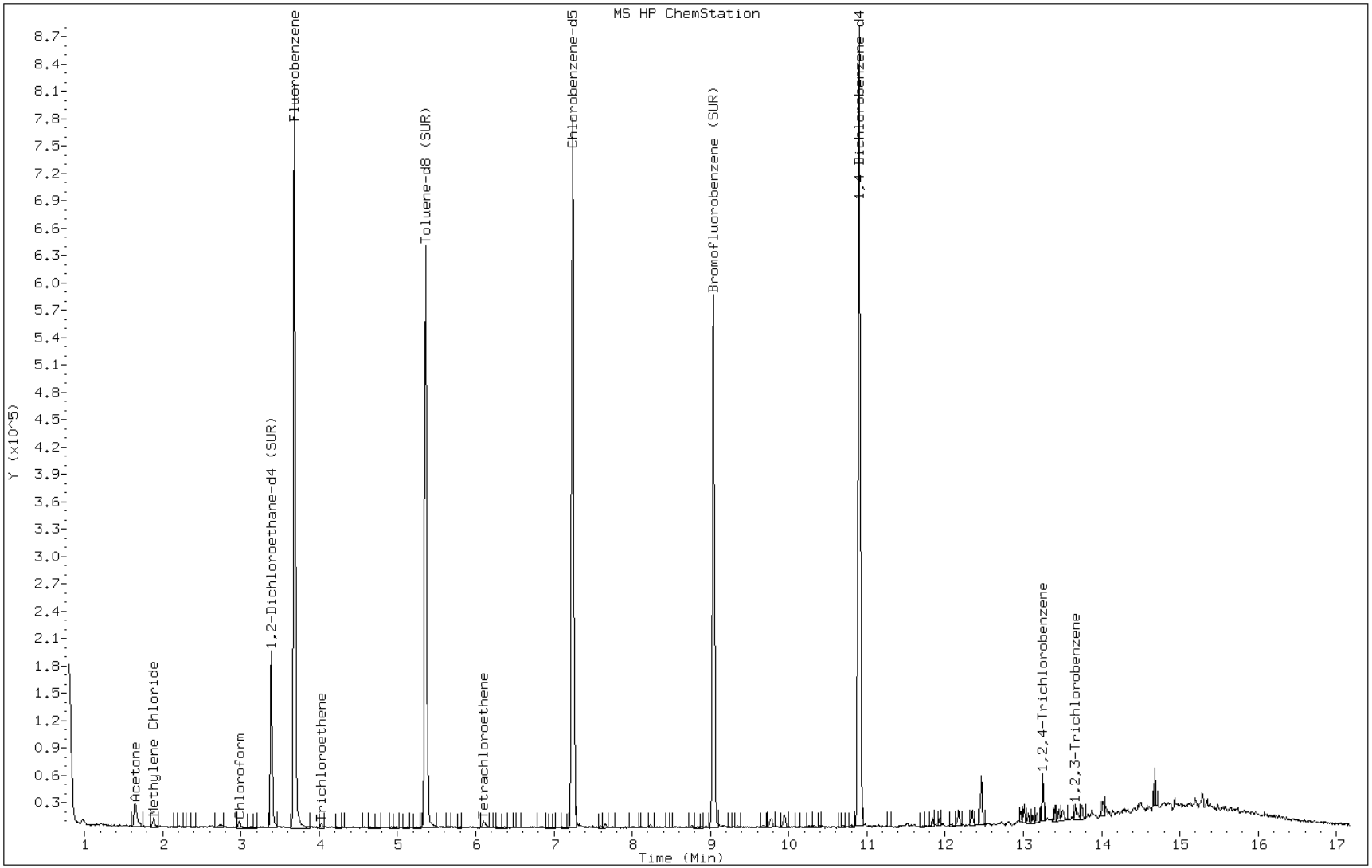
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9



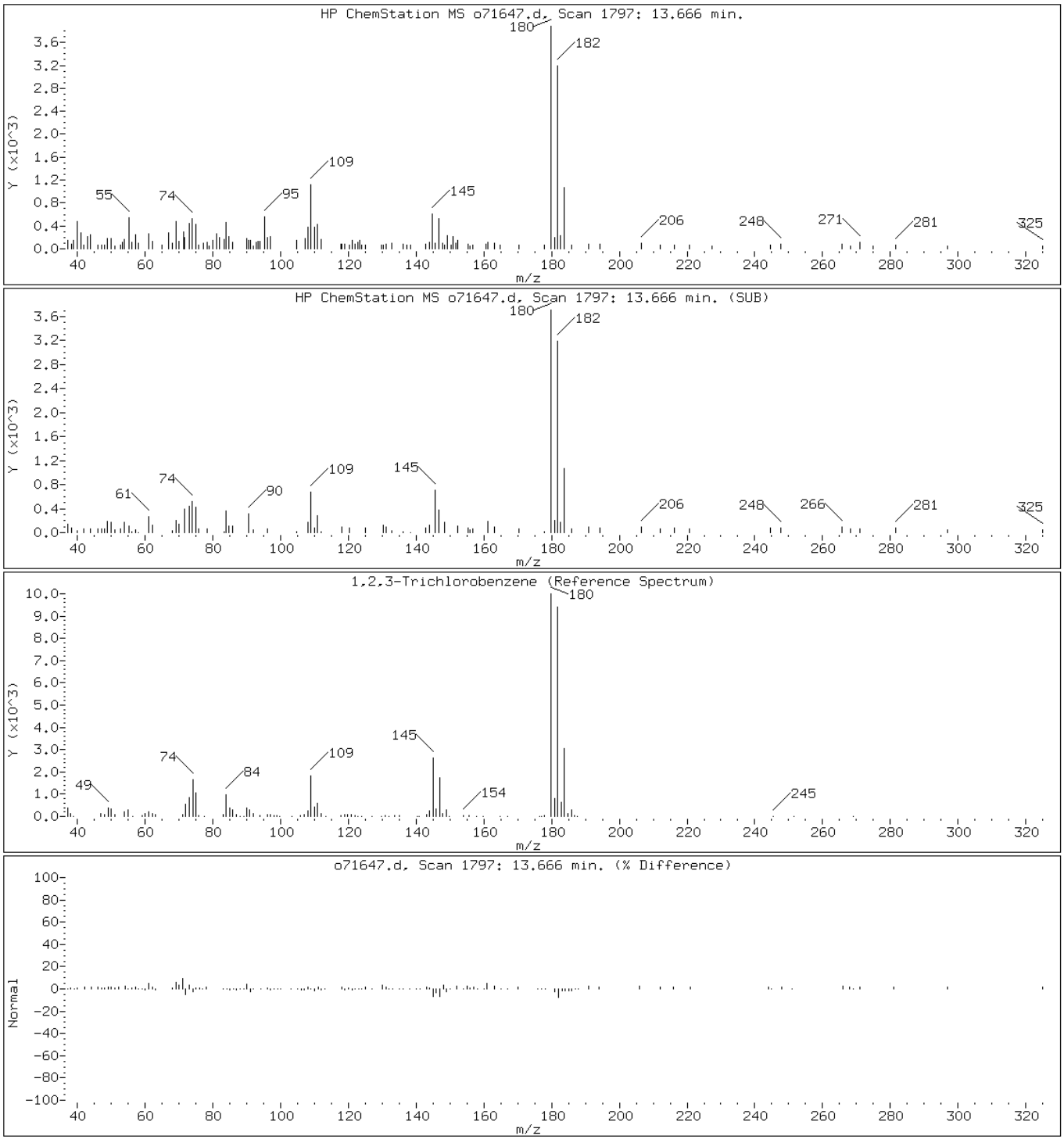
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



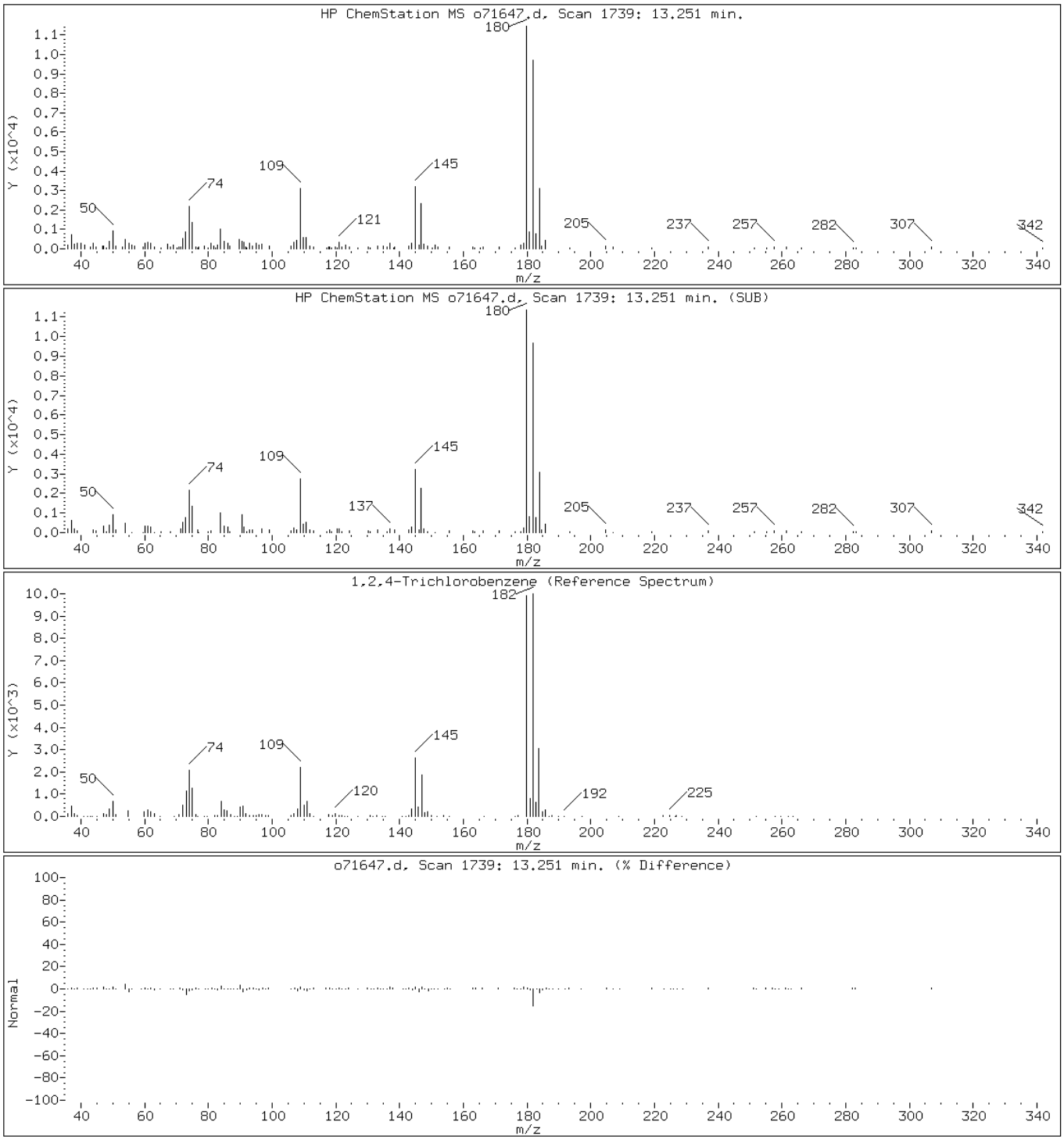
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



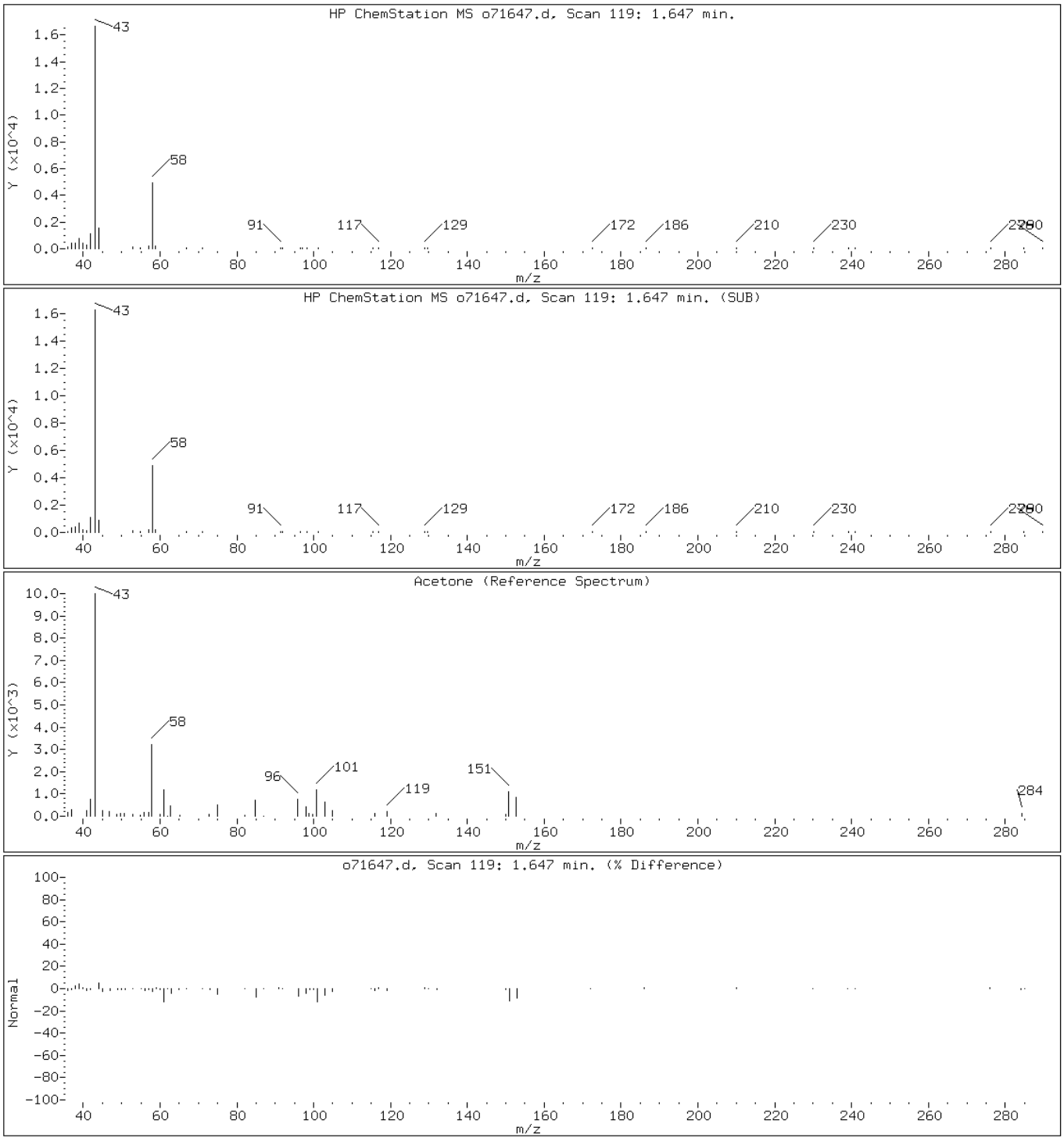
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

7 Acetone



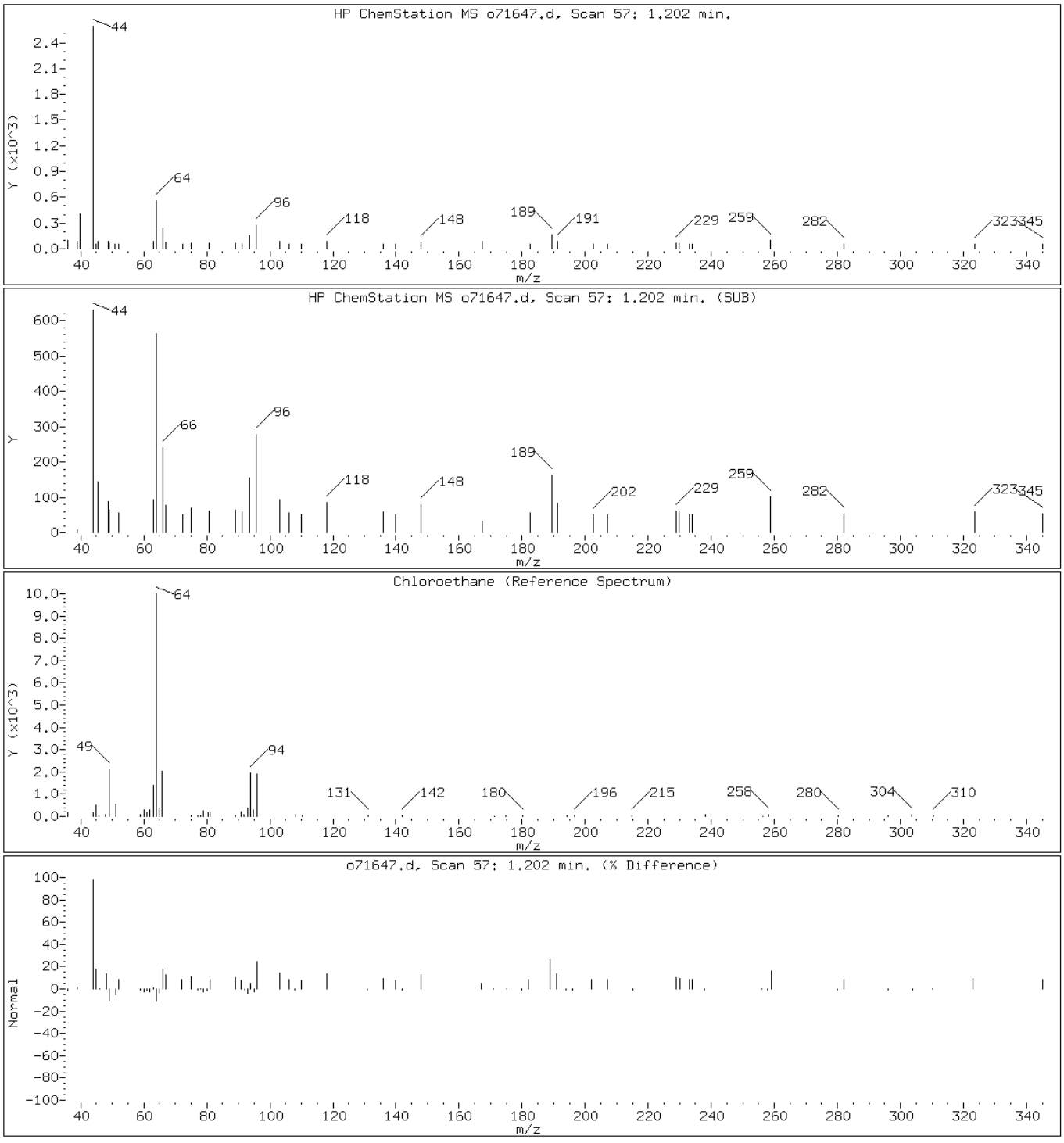
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

5 Chloroethane



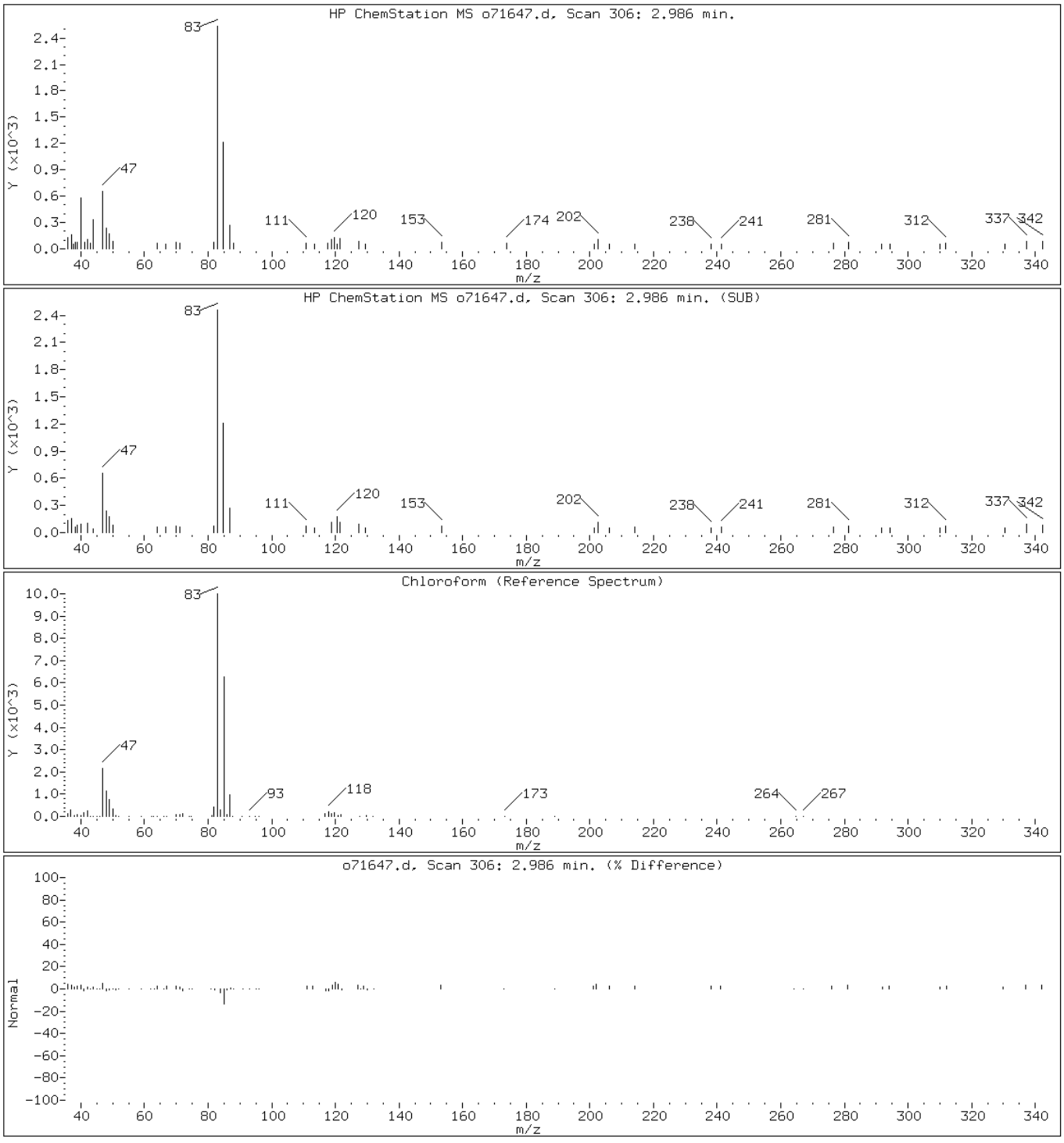
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

15 Chloroform



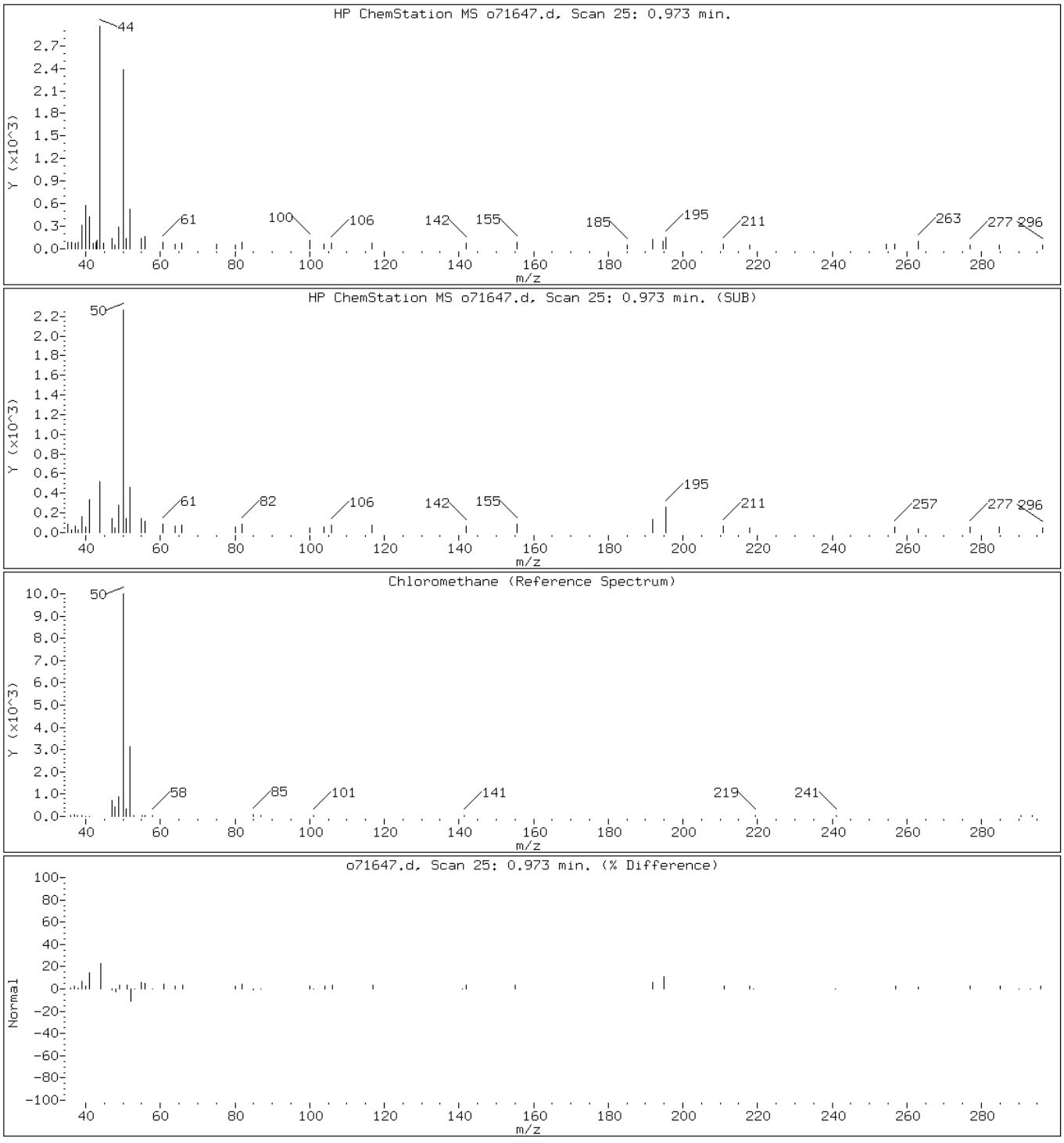
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

1 Chloromethane



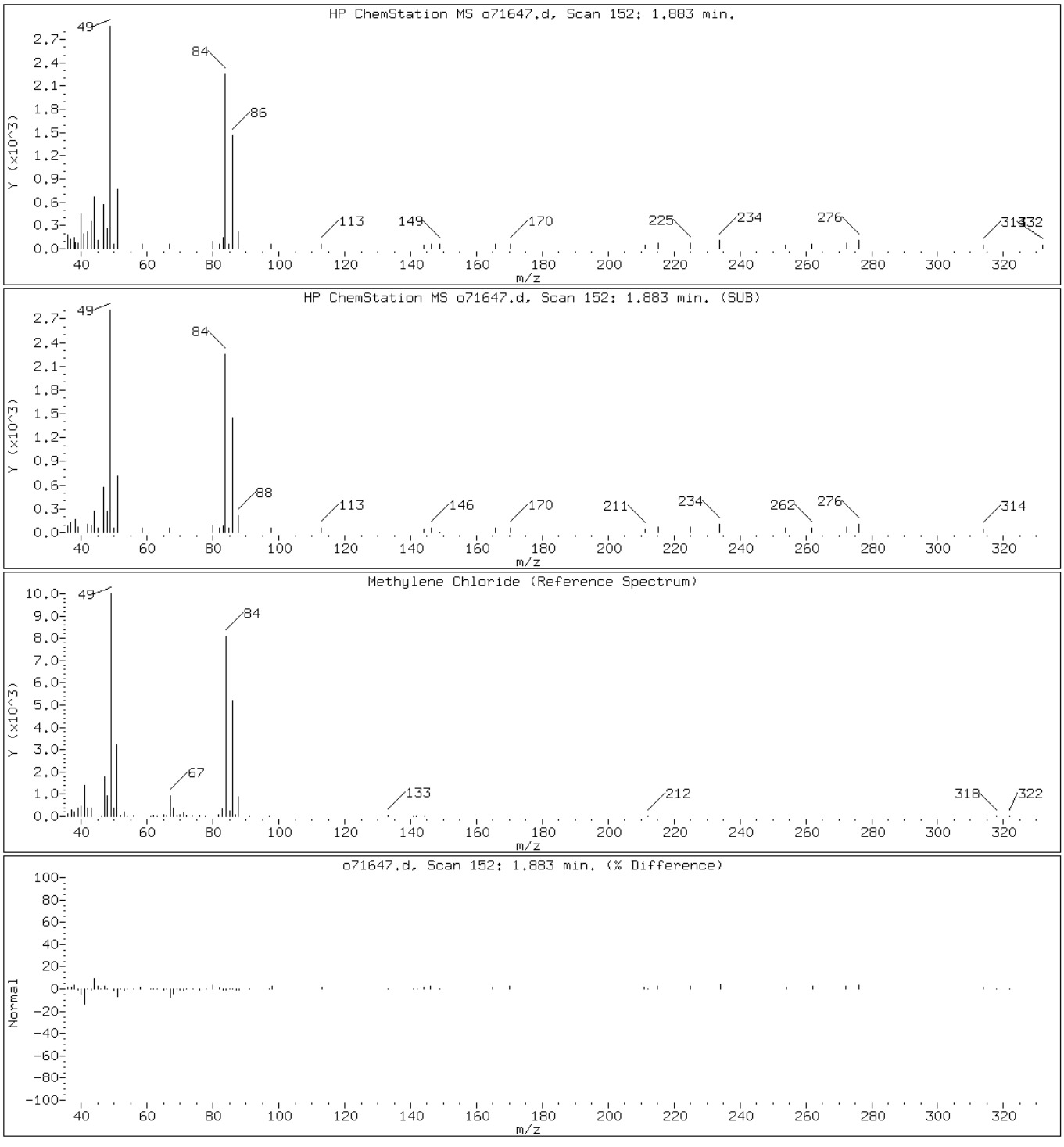
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

6 Methylene Chloride



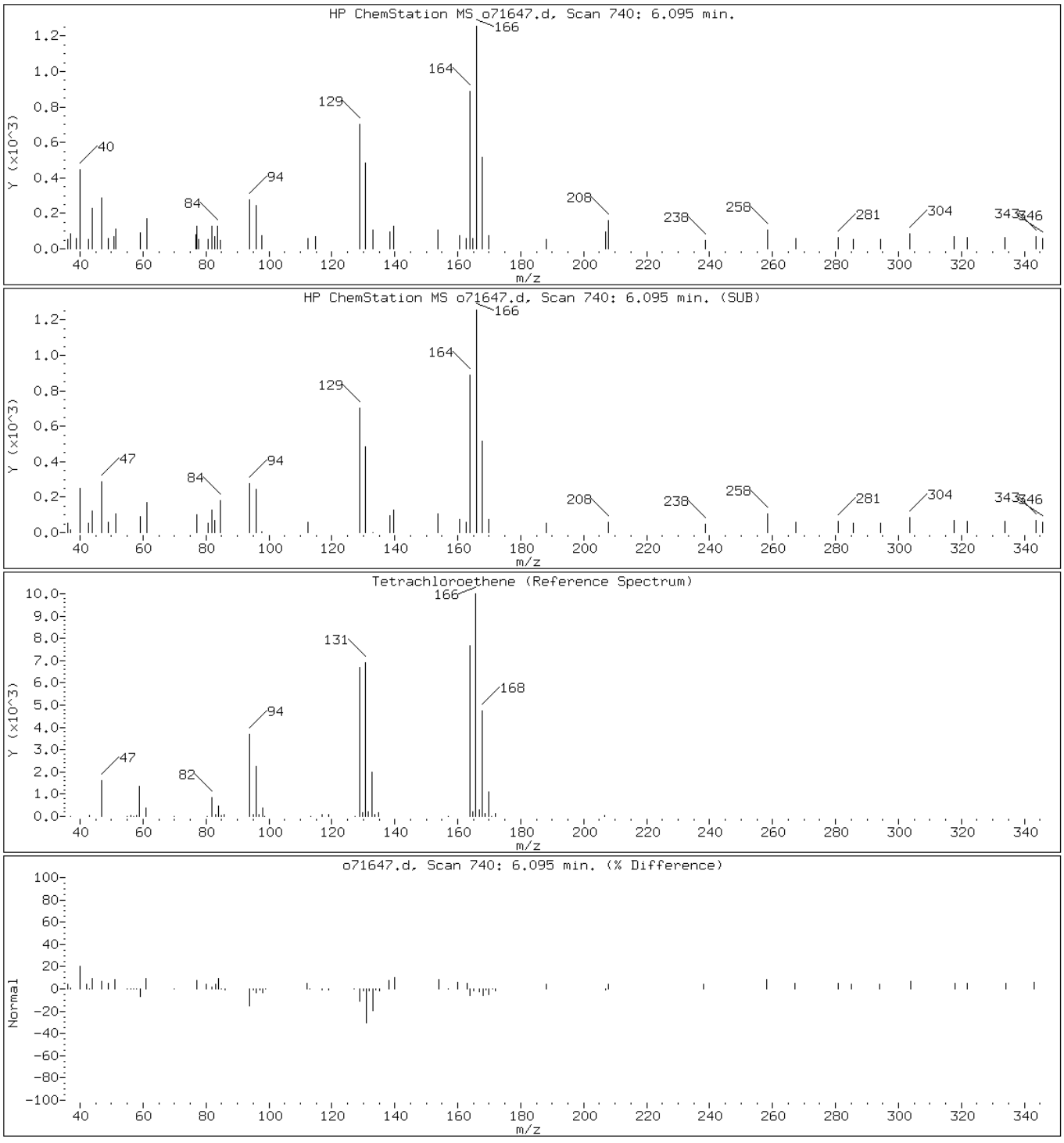
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

35 Tetrachloroethene



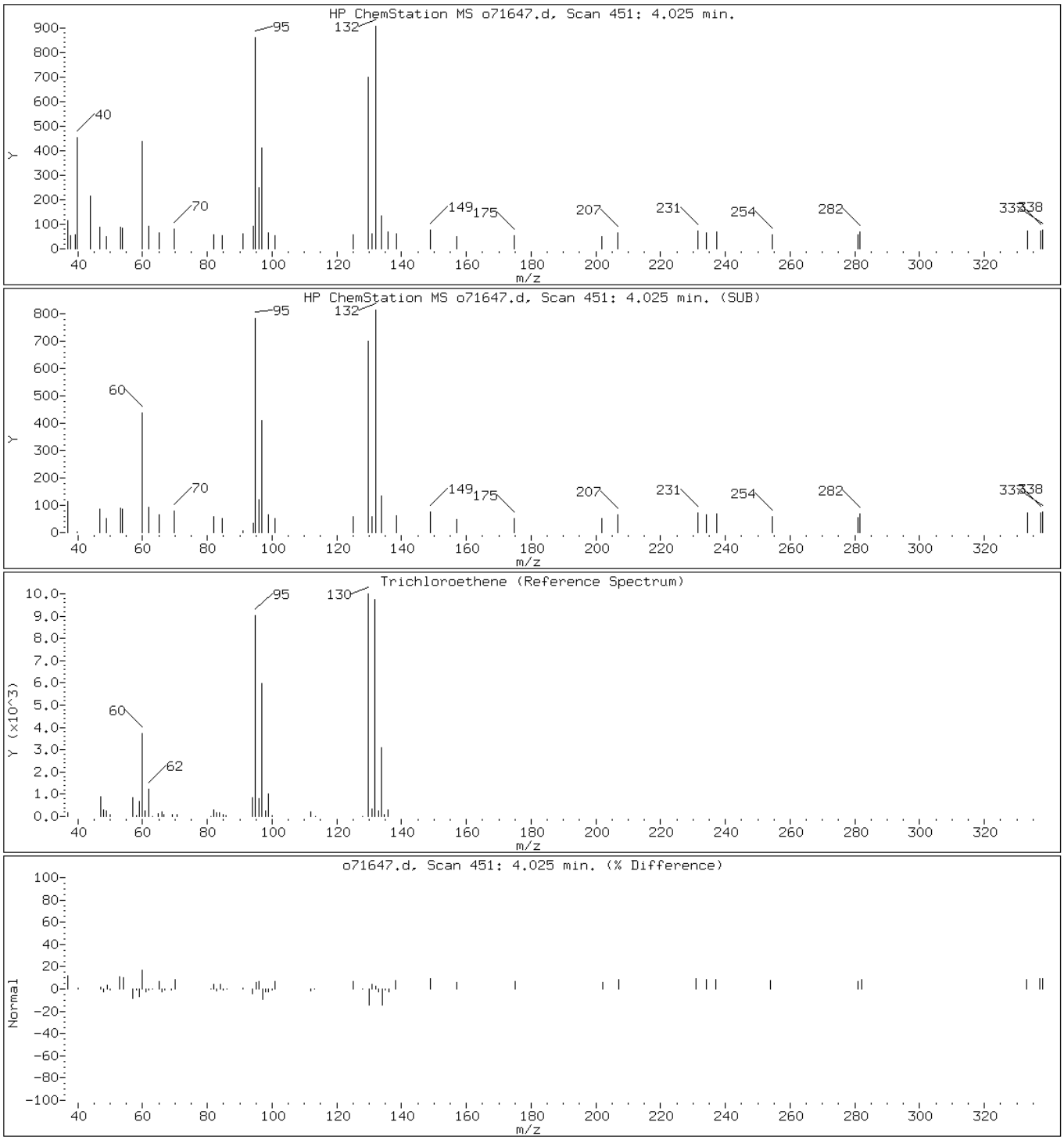
Data File: o71647.d

Date: 25-MAR-2013 20:07

Client ID: PMP-15-NE-VD Instrument: VOAMS12.i

Sample Info: 460-52450-E-37-A;;;5.96;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT | Lab Sample ID: 460-52450-38

Matrix: Solid | Lab File ID: o71648.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:55

Sample wt/vol: 5.89(g) | Date Analyzed: 03/25/2013 20:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.95	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	2.5		0.95	0.15
120-82-1	1,2,4-Trichlorobenzene	3.1		0.95	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
95-50-1	1,2-Dichlorobenzene	0.095	U	0.95	0.095
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
78-87-5	1,2-Dichloropropane	0.14	U	0.95	0.14
541-73-1	1,3-Dichlorobenzene	0.15	U	0.95	0.15
106-46-7	1,4-Dichlorobenzene	0.10	U	0.95	0.10
123-91-1	1,4-Dioxane	12	U	47	12
78-93-3	2-Butanone	1.0	J	9.5	0.60
591-78-6	2-Hexanone	0.12	U	9.5	0.12
108-10-1	4-Methyl-2-pentanone	0.19	U	9.5	0.19
67-64-1	Acetone	4.8	J B	9.5	1.6
71-43-2	Benzene	0.14	U	0.95	0.14
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.30	U	0.95	0.30
75-25-2	Bromoform	0.16	U	0.95	0.16
74-83-9	Bromomethane	0.41	U	0.95	0.41
75-15-0	Carbon disulfide	0.14	U	0.95	0.14
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
75-00-3	Chloroethane	0.31	U	0.95	0.31
67-66-3	Chloroform	0.23	U	0.95	0.23
74-87-3	Chloromethane	0.15	U	0.95	0.15
156-59-2	cis-1,2-Dichloroethene	0.34	J	0.95	0.10
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.95	0.13
110-82-7	Cyclohexane	0.12	U	0.95	0.12
124-48-1	Dibromochloromethane	0.095	U	0.95	0.095
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
100-41-4	Ethylbenzene	0.16	U	0.95	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT | Lab Sample ID: 460-52450-38

Matrix: Solid | Lab File ID: o71648.d

Analysis Method: 8260B | Date Collected: 03/14/2013 16:55

Sample wt/vol: 5.89(g) | Date Analyzed: 03/25/2013 20:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.10	U	0.95	0.10
98-82-8	Isopropylbenzene	0.10	U	0.95	0.10
79-20-9	Methyl acetate	0.30	U	0.95	0.30
108-87-2	Methylcyclohexane	0.095	U	0.95	0.095
75-09-2	Methylene Chloride	1.0	B	0.95	0.14
1634-04-4	MTBE	0.10	U	0.95	0.10
100-42-5	Styrene	0.27	U	0.95	0.27
127-18-4	Tetrachloroethene	0.11	U	0.95	0.11
108-88-3	Toluene	0.13	U	0.95	0.13
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
10061-02-6	trans-1,3-Dichloropropene	0.095	U	0.95	0.095
79-01-6	Trichloroethene	0.11	U	0.95	0.11
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-01-4	Vinyl chloride	0.32	U	0.95	0.32
1330-20-7	Xylenes, Total	0.64	U	2.8	0.64

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT Lab Sample ID: 460-52450-38

Matrix: Solid Lab File ID: o71648.d

Analysis Method: 8260B Date Collected: 03/14/2013 16:55

Sample wt/vol: 5.89(g) Date Analyzed: 03/25/2013 20:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 Level: (low/med) Low

Analysis Batch No.: 152683 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71648.d
Report Date: 27-Mar-2013 11:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71648.d
Lab Smp Id: 460-52450-E-38-A Client Smp ID: PMP-15-NE-WT
Inj Date : 25-MAR-2013 20:32
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-52450-E-38-A;;;5.89;5
Misc Info : 460-52450-E-38-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/8260L_10.m
Meth Date : 25-Mar-2013 16:37 audberto Quant Type: ISTD
Cal Date : 09-MAR-2013 08:54 Cal File: o70919.d
Als bottle: 11
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	5.89000	Weight of sample extracted (g)
M	10.63830	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.639	1.646	(0.445)	6579	5.05052	4.8(a)
	6 Methylene Chloride	84	1.883	1.876	(0.512)	4338	1.05592	1.0
	13 cis-1,2-Dichloroethene	96	2.728	2.721	(0.741)	1561	0.35528	0.34(a)
	18 2-Butanone	72	2.764	2.757	(0.751)	435	1.07417	1.0(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.387	3.380	(0.920)	121916	51.7361	49
*	69 Fluorobenzene	96	3.681	3.674	(1.000)	685380	50.0000	
$	37 Toluene-d8 (SUR)	98	5.357	5.357	(0.740)	454519	48.4154	46
*	32 Chlorobenzene-d5	117	7.241	7.234	(1.000)	503507	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.039	9.039	(0.829)	225432	49.4416	47
*	91 1,4-Dichlorobenzene-d4	152	10.901	10.901	(1.000)	290643	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.251	13.251	(1.216)	26394	3.22491	3.1
	98 1,2,3-Trichlorobenzene	180	13.666	13.666	(1.254)	19404	2.66829	2.5
M	14 1,2-Dichloroethene (total)	100				1561	0.36989	0.35(a)

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71648.d
Report Date: 27-Mar-2013 11:14

QC Flag Legend

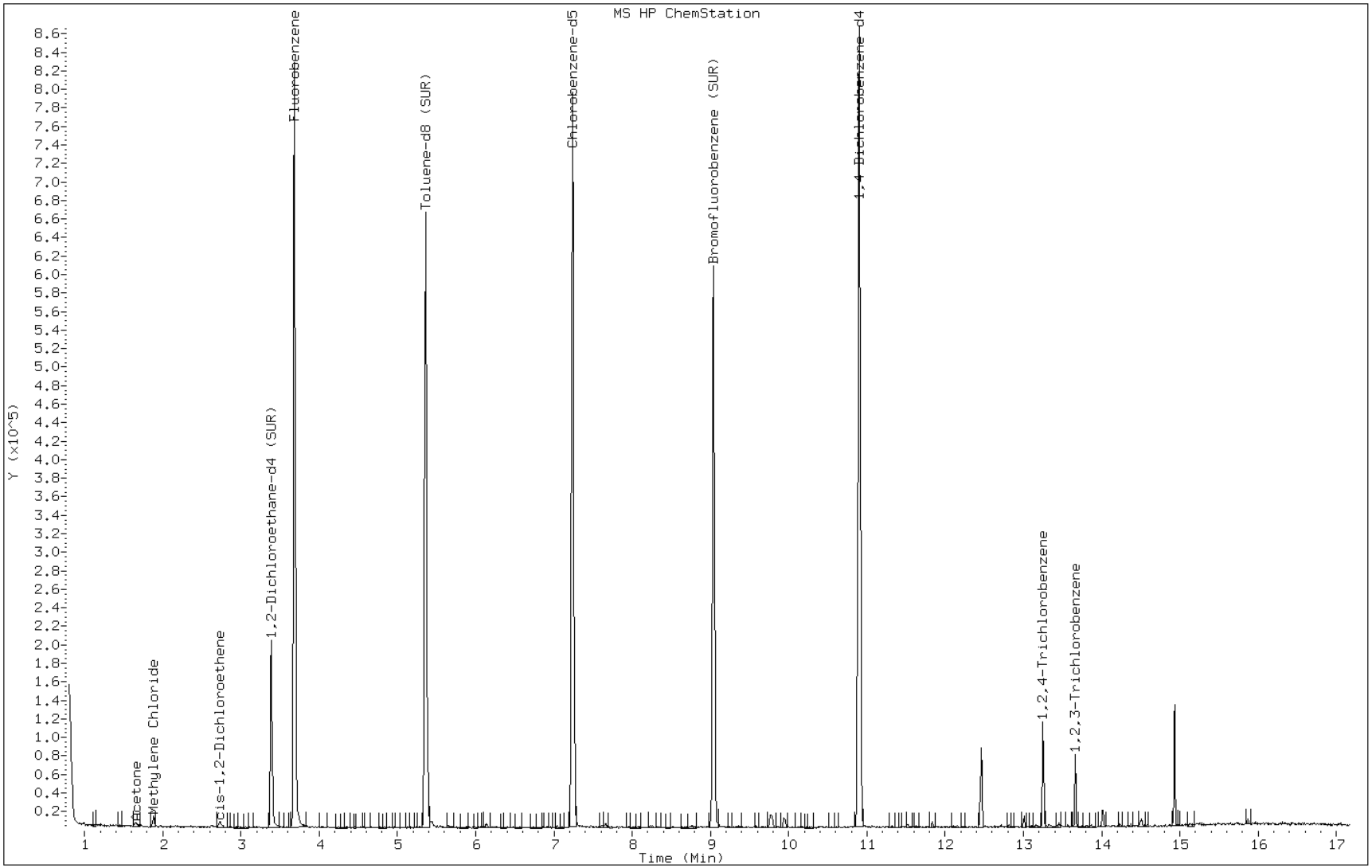
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o71648.d

Date: 25-MAR-2013 20:32

Client ID: PMP-15-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-38-A;;;5.89;5 Operator: VOAMS 9



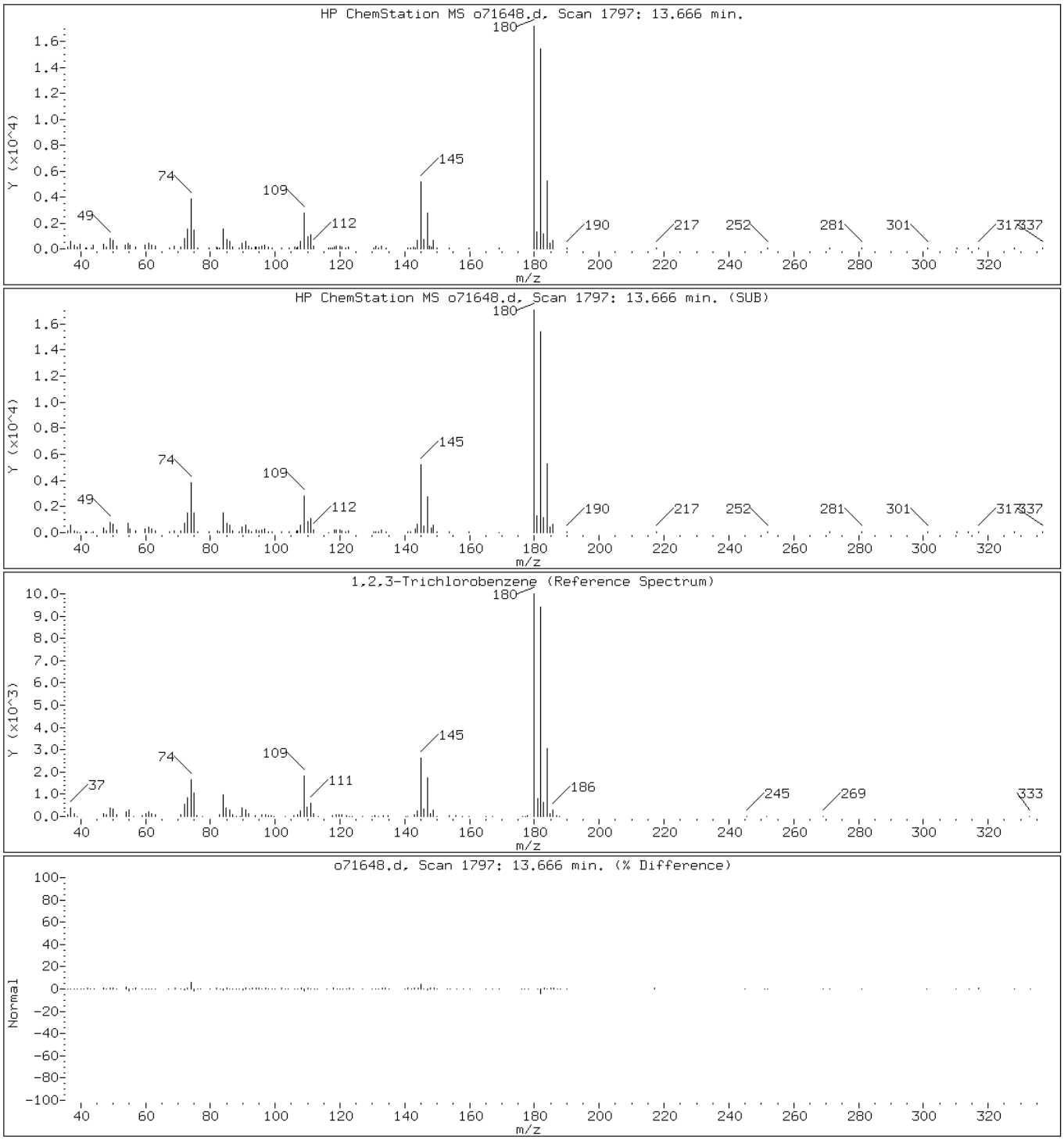
Data File: o71648.d

Date: 25-MAR-2013 20:32

Client ID: PMP-15-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-38-A;;;5.89;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



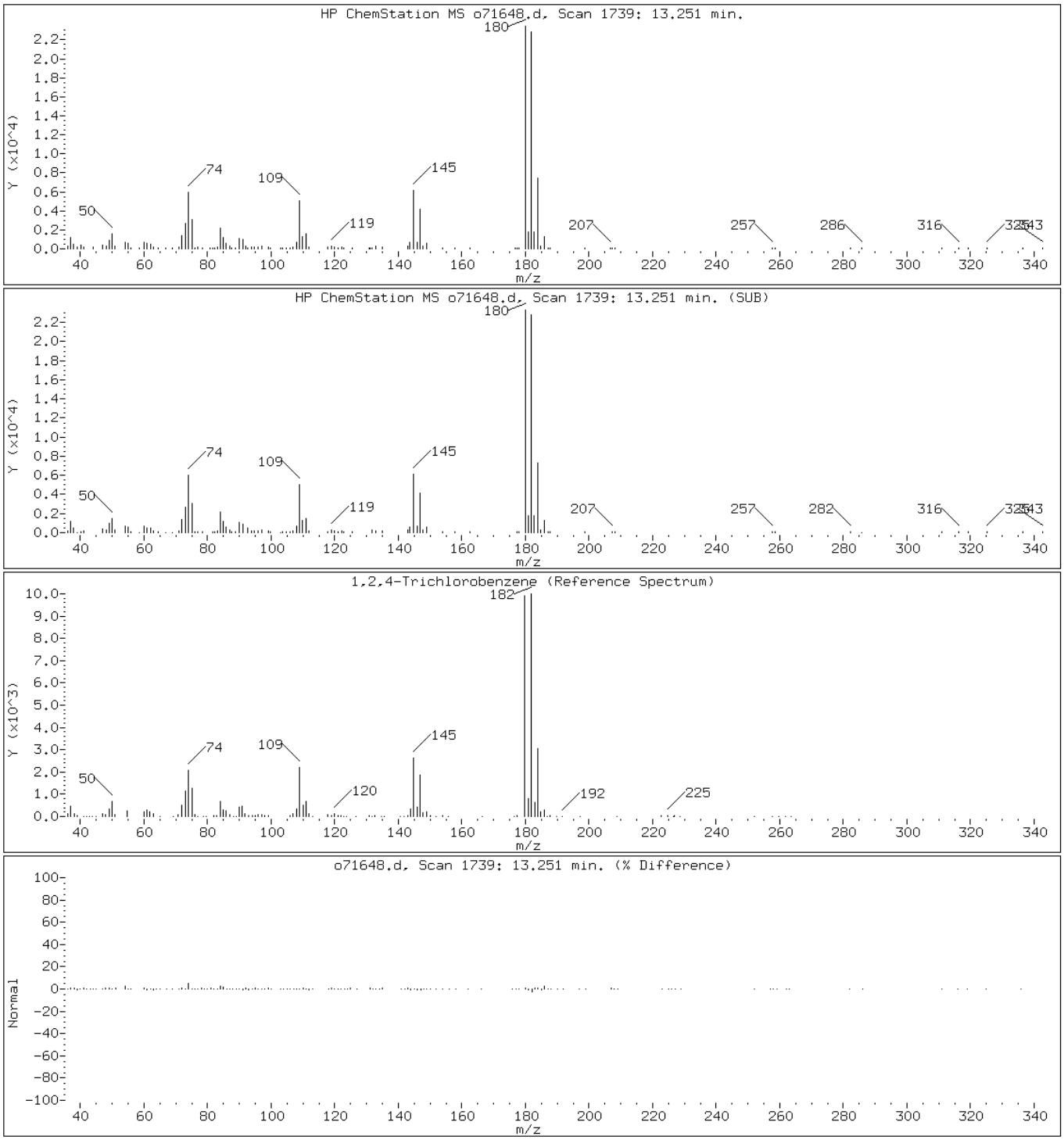
Data File: o71648.d

Date: 25-MAR-2013 20:32

Client ID: PMP-15-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-38-A;;;5.89;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



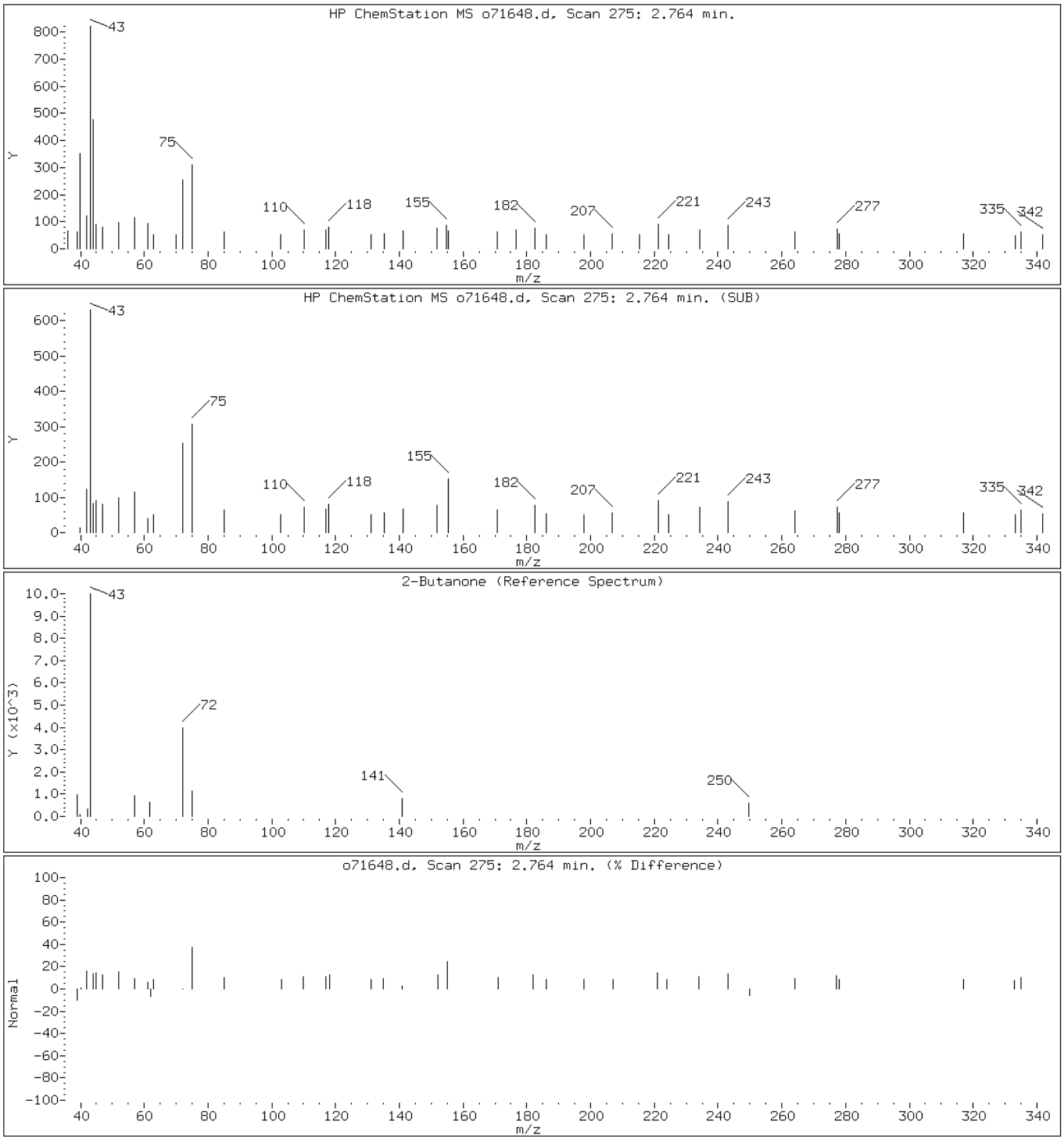
Data File: o71648.d

Date: 25-MAR-2013 20:32

Client ID: PMP-15-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-38-A;;;5.89;5 Operator: VOAMS 9

18 2-Butanone



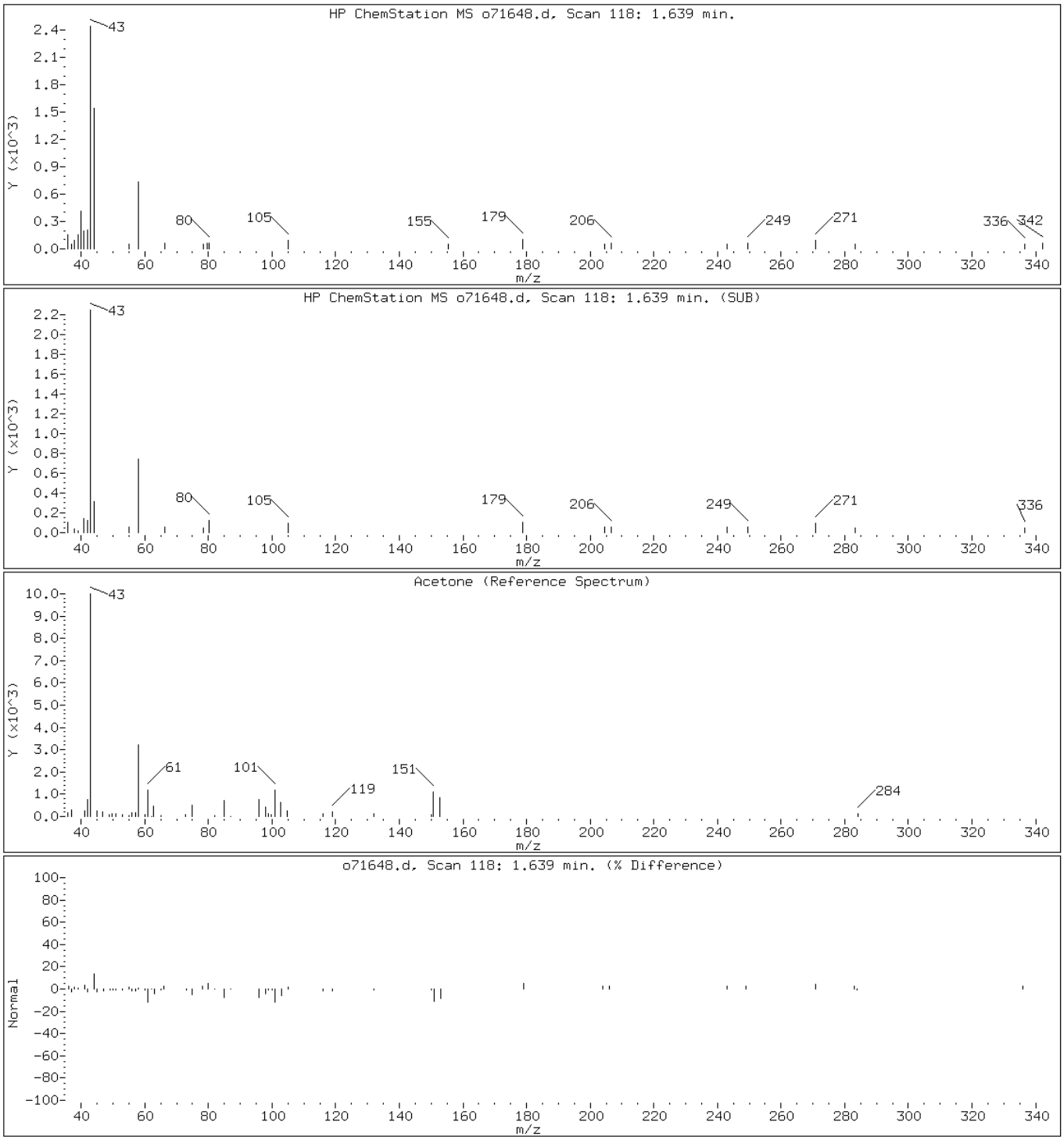
Data File: o71648.d

Date: 25-MAR-2013 20:32

Client ID: PMP-15-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-38-A;;;5.89;5 Operator: VOAMS 9

7 Acetone



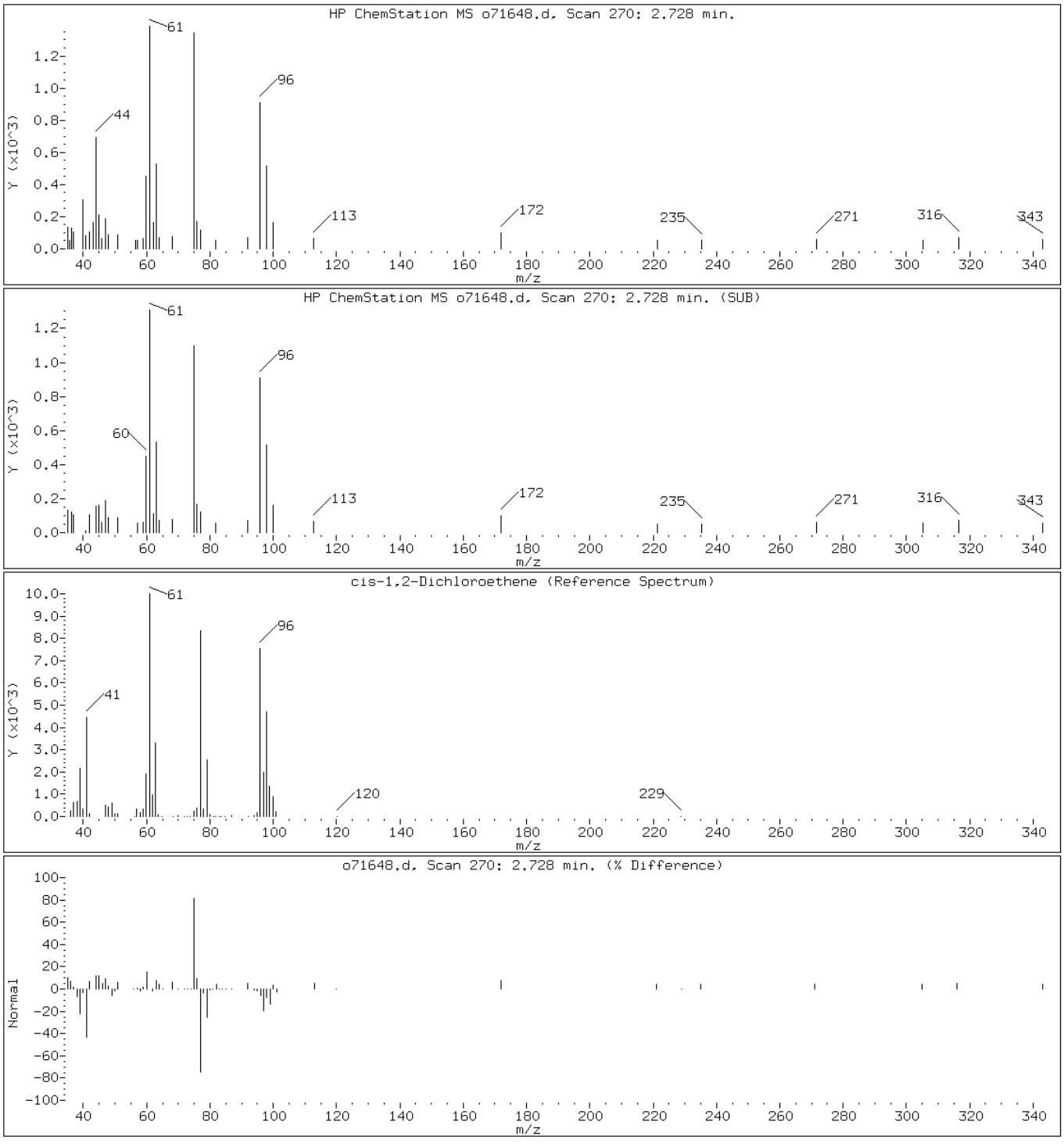
Data File: o71648.d

Date: 25-MAR-2013 20:32

Client ID: PMP-15-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-38-A;;;5.89;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



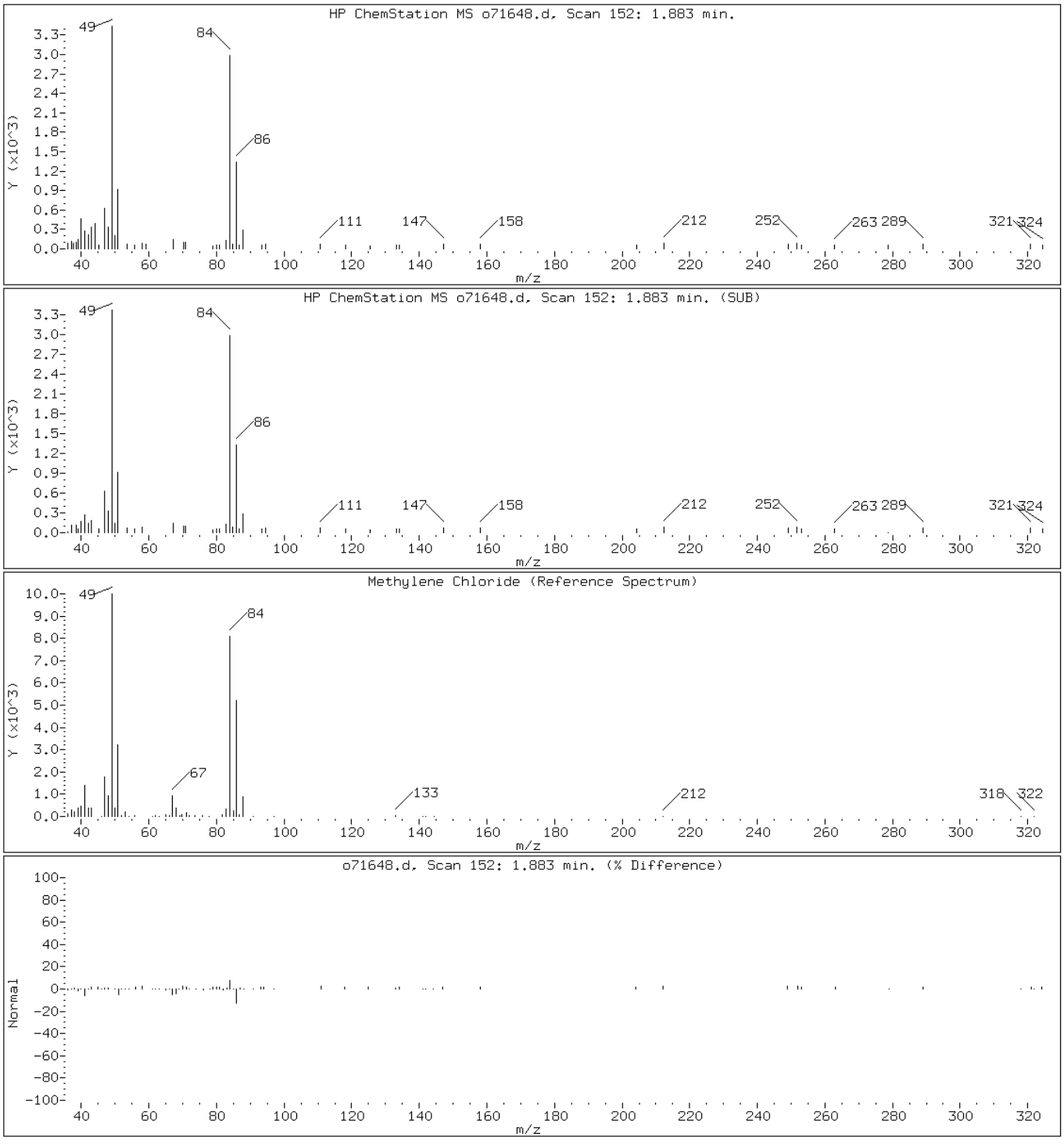
Data File: o71648.d

Date: 25-MAR-2013 20:32

Client ID: PMP-15-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-38-A;;;5.89;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI | Lab Sample ID: 460-52450-39

Matrix: Solid | Lab File ID: d30851.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:00

Sample wt/vol: 6.44(g) | Date Analyzed: 03/23/2013 14:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.11	U	0.87	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.078	U	0.87	0.078
79-00-5	1,1,2-Trichloroethane	0.12	U	0.87	0.12
75-34-3	1,1-Dichloroethane	0.095	U	0.87	0.095
75-35-4	1,1-Dichloroethene	0.16	U	0.87	0.16
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.87	0.14
120-82-1	1,2,4-Trichlorobenzene	0.16	U	0.87	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.87	0.38
106-93-4	1,2-Dibromoethane	0.13	U	0.87	0.13
95-50-1	1,2-Dichlorobenzene	0.087	U	0.87	0.087
107-06-2	1,2-Dichloroethane	0.16	U	0.87	0.16
78-87-5	1,2-Dichloropropane	0.13	U	0.87	0.13
541-73-1	1,3-Dichlorobenzene	0.14	U	0.87	0.14
106-46-7	1,4-Dichlorobenzene	0.095	U	0.87	0.095
123-91-1	1,4-Dioxane	11	U	43	11
78-93-3	2-Butanone	0.55	U	8.7	0.55
591-78-6	2-Hexanone	0.11	U	8.7	0.11
108-10-1	4-Methyl-2-pentanone	0.17	U	8.7	0.17
67-64-1	Acetone	1.5	U	8.7	1.5
71-43-2	Benzene	0.13	U	0.87	0.13
74-97-5	Bromochloromethane	0.095	U	0.87	0.095
75-27-4	Bromodichloromethane	0.28	U	0.87	0.28
75-25-2	Bromoform	0.15	U	0.87	0.15
74-83-9	Bromomethane	0.37	U	0.87	0.37
75-15-0	Carbon disulfide	0.13	U	0.87	0.13
56-23-5	Carbon tetrachloride	0.13	U	0.87	0.13
108-90-7	Chlorobenzene	0.16	U	0.87	0.16
75-00-3	Chloroethane	0.29	U	0.87	0.29
67-66-3	Chloroform	0.73	J	0.87	0.21
74-87-3	Chloromethane	0.14	U	0.87	0.14
156-59-2	cis-1,2-Dichloroethene	0.095	U	0.87	0.095
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.87	0.12
110-82-7	Cyclohexane	0.11	U	0.87	0.11
124-48-1	Dibromochloromethane	0.087	U	0.87	0.087
75-71-8	Dichlorodifluoromethane	0.19	U	0.87	0.19
100-41-4	Ethylbenzene	0.15	U	0.87	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI | Lab Sample ID: 460-52450-39

Matrix: Solid | Lab File ID: d30851.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:00

Sample wt/vol: 6.44(g) | Date Analyzed: 03/23/2013 14:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.095	U	0.87	0.095
98-82-8	Isopropylbenzene	0.095	U	0.87	0.095
79-20-9	Methyl acetate	0.28	U	0.87	0.28
108-87-2	Methylcyclohexane	0.087	U	0.87	0.087
75-09-2	Methylene Chloride	0.82	J B	0.87	0.13
1634-04-4	MTBE	0.095	U	0.87	0.095
100-42-5	Styrene	0.24	U	0.87	0.24
127-18-4	Tetrachloroethene	0.10	U	0.87	0.10
108-88-3	Toluene	0.12	U	0.87	0.12
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.87	0.11
10061-02-6	trans-1,3-Dichloropropene	0.087	U	0.87	0.087
79-01-6	Trichloroethene	0.10	U	0.87	0.10
75-69-4	Trichlorofluoromethane	0.14	U	0.87	0.14
75-01-4	Vinyl chloride	0.29	U	0.87	0.29
1330-20-7	Xylenes, Total	0.58	U	2.6	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI Lab Sample ID: 460-52450-39

Matrix: Solid Lab File ID: d30851.d

Analysis Method: 8260B Date Collected: 03/14/2013 17:00

Sample wt/vol: 6.44(g) Date Analyzed: 03/23/2013 14:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30851.d
Report Date: 25-Mar-2013 00:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30851.d
Lab Smp Id: 460-52450-D-39-A Client Smp ID: PMP-15-NE-SI
Inj Date : 23-MAR-2013 14:40
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-39-A;;;6.44;5
Misc Info : 460-52450-D-39-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	6.44000	Weight of sample extracted (g)
M	10.37736	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	2.475	2.469	(0.544)	3806	0.94177	0.82(aH)
15 Chloroform	83	3.687	3.675	(0.810)	6793	0.84318	0.73(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	99607	45.5790	39
* 69 Fluorobenzene	96	4.551	4.545	(1.000)	525735	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.234	6.228	(0.790)	419531	48.0175	42
* 32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	341388	50.0000	
44 o-Xylene	106	8.469	8.469	(1.073)	1757	0.20638	0.18(a)
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	193348	48.4342	42
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	193023	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30851.d
Report Date: 25-Mar-2013 00:25

QC Flag Legend

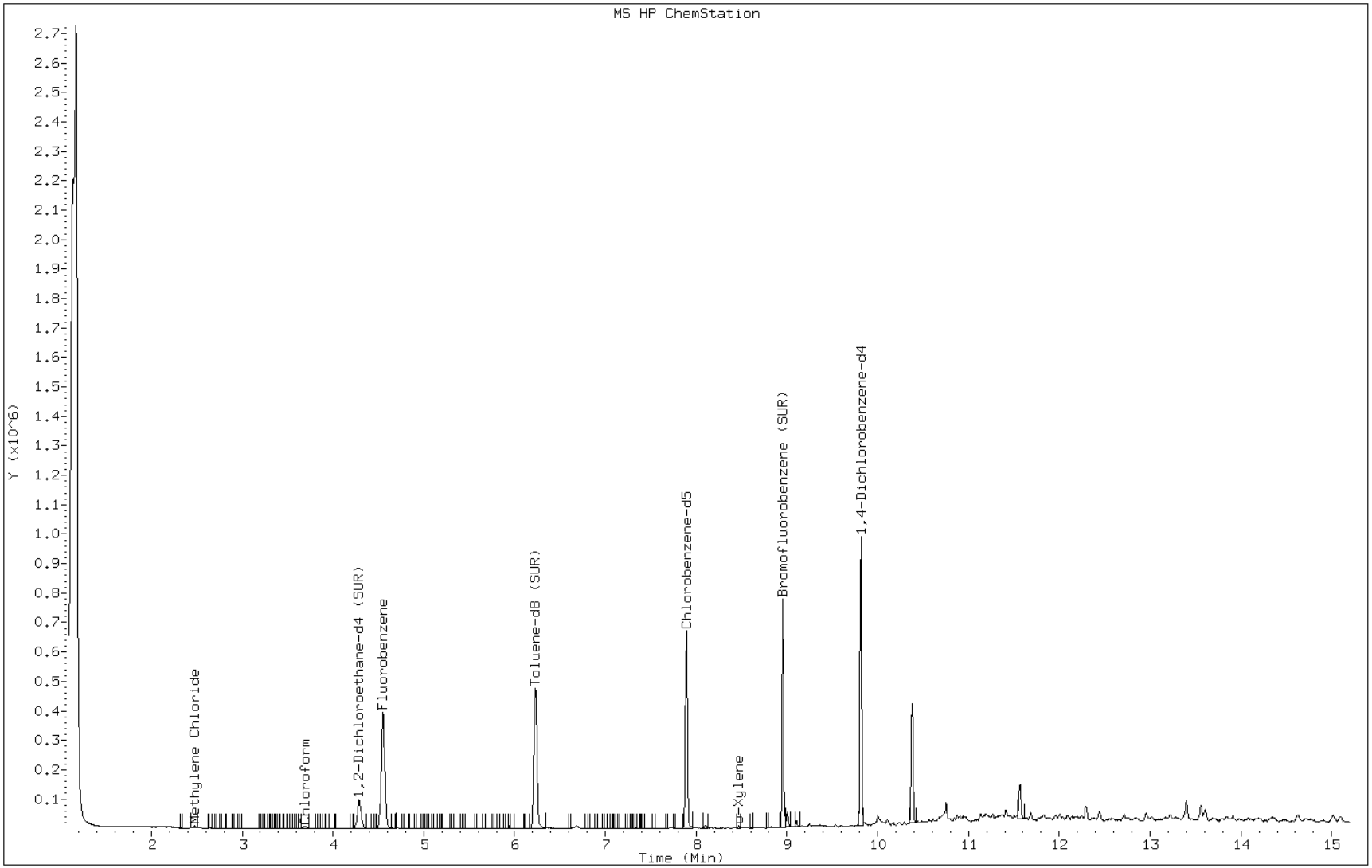
H - Operator selected an alternate compound hit.

Data File: d30851.d

Date: 23-MAR-2013 14:40

Client ID: PMP-15-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-39-A;;;6.44;5 Operator: VOAMS 9



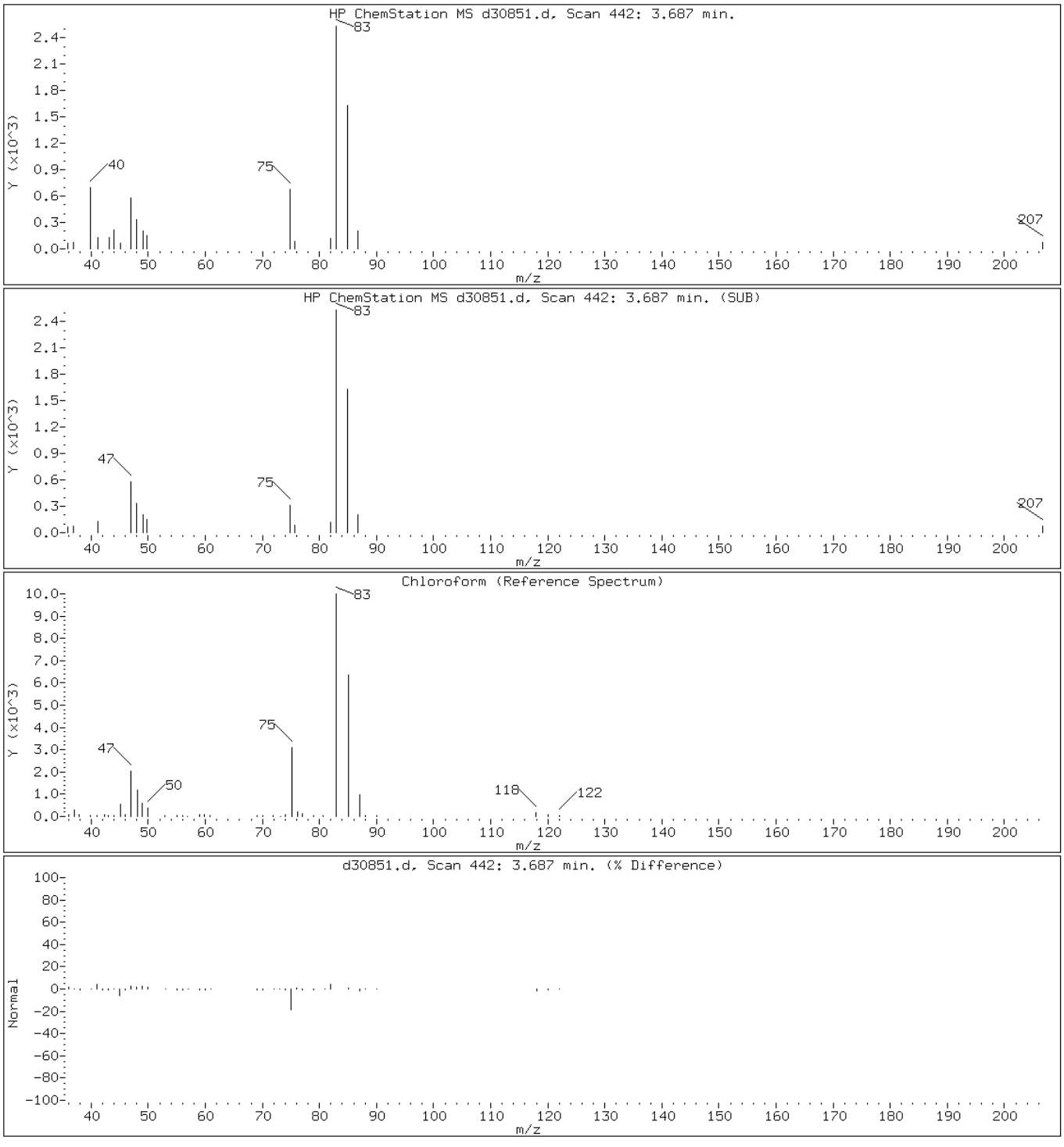
Data File: d30851.d

Date: 23-MAR-2013 14:40

Client ID: PMP-15-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-39-A;;;6.44;5 Operator: VOAMS 9

15 Chloroform



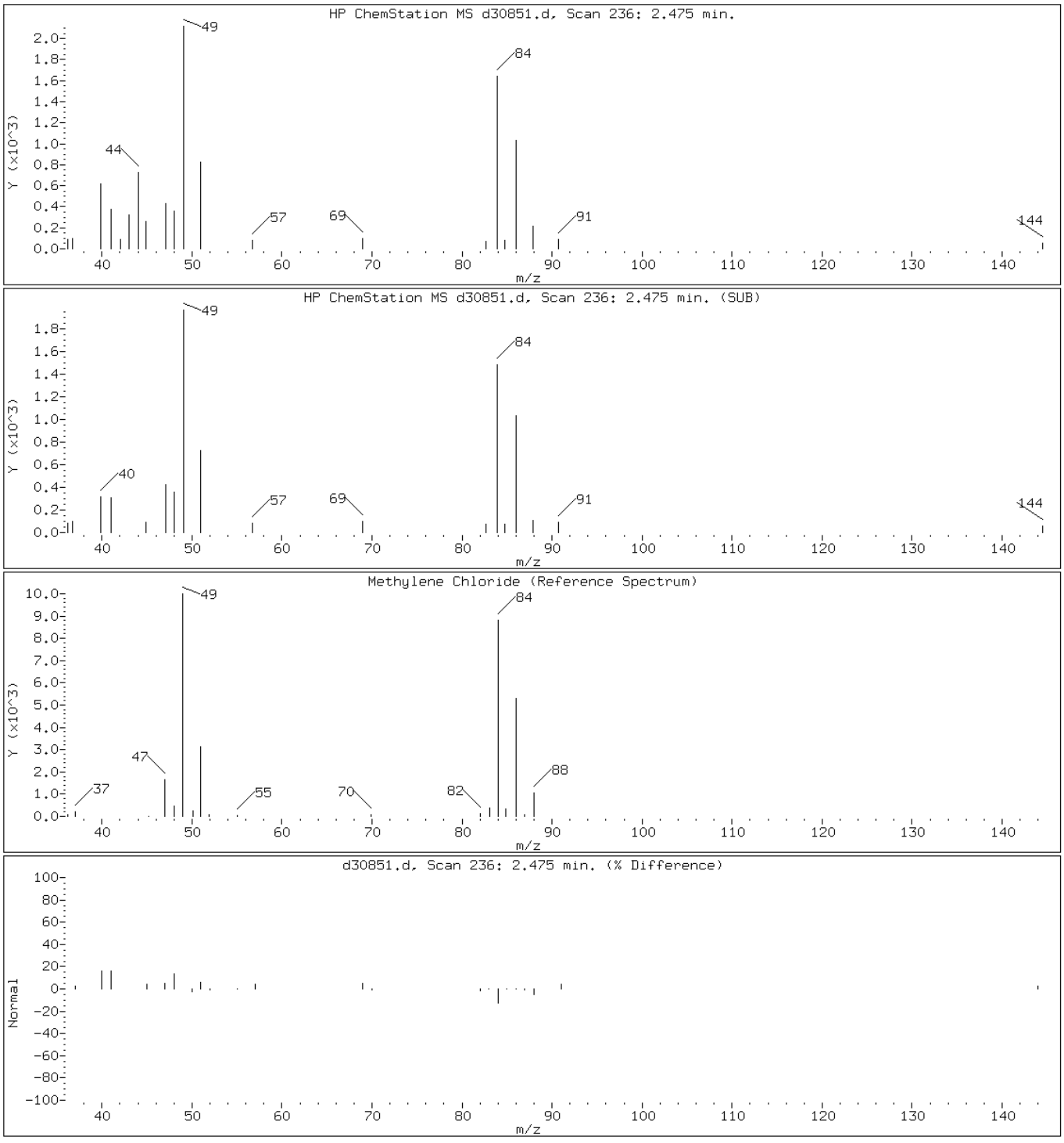
Data File: d30851.d

Date: 23-MAR-2013 14:40

Client ID: PMP-15-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-39-A;;;6.44;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD | Lab Sample ID: 460-52450-40

Matrix: Solid | Lab File ID: b53610.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:05

Sample wt/vol: 5.72(g) | Date Analyzed: 03/21/2013 09:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.9 | Level: (low/med) Medium

Analysis Batch No.: 152022 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	3.0	U	49	3.0
79-34-5	1,1,2,2-Tetrachloroethane	7.6	U	49	7.6
79-00-5	1,1,2-Trichloroethane	9.1	U	49	9.1
75-34-3	1,1-Dichloroethane	6.3	U	49	6.3
75-35-4	1,1-Dichloroethene	4.3	U	49	4.3
87-61-6	1,2,3-Trichlorobenzene	370		49	25
120-82-1	1,2,4-Trichlorobenzene	1700		49	17
96-12-8	1,2-Dibromo-3-Chloropropane	19	U *	49	19
106-93-4	1,2-Dibromoethane	13	U	49	13
95-50-1	1,2-Dichlorobenzene	17	J	49	9.9
107-06-2	1,2-Dichloroethane	9.2	U	49	9.2
78-87-5	1,2-Dichloropropane	4.2	U	49	4.2
541-73-1	1,3-Dichlorobenzene	6.6	U	49	6.6
106-46-7	1,4-Dichlorobenzene	16	J	49	11
123-91-1	1,4-Dioxane	1700	U	2400	1700
78-93-3	2-Butanone	110	U	240	110
591-78-6	2-Hexanone	24	U	240	24
108-10-1	4-Methyl-2-pentanone	48	U	240	48
67-64-1	Acetone	130	U	240	130
71-43-2	Benzene	4.0	U	49	4.0
74-97-5	Bromochloromethane	13	U	49	13
75-27-4	Bromodichloromethane	6.1	U	49	6.1
75-25-2	Bromoform	9.3	U	49	9.3
74-83-9	Bromomethane	8.8	U	49	8.8
75-15-0	Carbon disulfide	6.1	U	49	6.1
56-23-5	Carbon tetrachloride	2.8	U	49	2.8
108-90-7	Chlorobenzene	5.3	U	49	5.3
75-00-3	Chloroethane	8.2	U	49	8.2
67-66-3	Chloroform	3.8	U	49	3.8
74-87-3	Chloromethane	4.7	U	49	4.7
156-59-2	cis-1,2-Dichloroethene	8.6	U	49	8.6
10061-01-5	cis-1,3-Dichloropropene	8.9	U	49	8.9
110-82-7	Cyclohexane	7.7	U	49	7.7
124-48-1	Dibromochloromethane	9.7	U	49	9.7
75-71-8	Dichlorodifluoromethane	10	U	49	10
100-41-4	Ethylbenzene	7.2	J	49	4.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD | Lab Sample ID: 460-52450-40

Matrix: Solid | Lab File ID: b53610.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:05

Sample wt/vol: 5.72(g) | Date Analyzed: 03/21/2013 09:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.9 | Level: (low/med) Medium

Analysis Batch No.: 152022 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	4.0	U	49	4.0
98-82-8	Isopropylbenzene	13	J	49	3.7
79-20-9	Methyl acetate	16	U	97	16
108-87-2	Methylcyclohexane	97		49	6.6
75-09-2	Methylene Chloride	8.8	U	49	8.8
1634-04-4	MTBE	6.7	U	49	6.7
100-42-5	Styrene	5.8	U	49	5.8
127-18-4	Tetrachloroethene	54		49	4.7
108-88-3	Toluene	7.5	J	49	7.3
156-60-5	trans-1,2-Dichloroethene	6.3	U	49	6.3
10061-02-6	trans-1,3-Dichloropropene	12	U	49	12
79-01-6	Trichloroethene	22	J	49	4.5
75-69-4	Trichlorofluoromethane	7.1	U	49	7.1
75-01-4	Vinyl chloride	7.0	U	49	7.0
1330-20-7	Xylenes, Total	150		150	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	74	X	75-135
2037-26-5	Toluene-d8 (Surr)	67		59-150
460-00-4	Bromofluorobenzene	81		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD Lab Sample ID: 460-52450-40

Matrix: Solid Lab File ID: b53610.d

Analysis Method: 8260B Date Collected: 03/14/2013 17:05

Sample wt/vol: 5.72(g) Date Analyzed: 03/21/2013 09:03

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.9 Level: (low/med) Medium

Analysis Batch No.: 152022 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 135900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydronaphthalene isomer	11.06	9900	J
	Unknown Aromatic	11.48	12000	J
	Decahydromethylnaphthalene isomer	11.56	13000	J
	Unknown Aromatic/Unknown	11.73	14000	J
	Unknown Alkane-1	11.94	15000	J
	C10H14 Aromatic/Unknown	12.05	25000	J
	Unknown-1	12.15	7000	J
	Unknown Alkane-2	12.51	13000	J
	Unknown Alkane-3	12.73	15000	J
	Tetrahydrodimethylnaphthalene isomer	13.24	12000	J

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53610.d
Report Date: 24-Mar-2013 16:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53610.d
Lab Smp Id: 460-52450-B-40-A Client Smp ID: PMP-15-NE-SD
Inj Date : 21-MAR-2013 09:03
Operator : Inst ID: VOAMS2.i
Smp Info : 460-52450-B-40-A;50;;5.72;5
Misc Info : 460-52450-B-40-A
Comment   :
Method   : /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/8260_09.m
Meth Date : 21-Mar-2013 04:49 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 13
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	5.00000	Volume of final extract (mL)
Ws	5.72000	Weight of sample extracted (g)
M	9.94475	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	132406	36.8300	1800(R)
	51 n-Heptane	57	5.101	5.101	(0.975)	3537	1.26345	61(a)
*	52 Fluorobenzene	96	5.233	5.233	(1.000)	606463	50.0000	
	54 Trichloroethene	95	5.661	5.661	(1.082)	1816	0.45354	22(a)
	56 Methyl cyclohexane	83	5.793	5.792	(1.107)	8765	2.00587	97
$	65 Toluene-d8 (SUR)	98	7.225	7.224	(0.822)	309719	33.4603	1600
	66 Toluene	91	7.307	7.307	(0.831)	2589	0.15555	7.5(a)
	71 Tetrachloroethene	166	7.883	7.883	(0.897)	4012	1.10243	54
*	78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	456305	50.0000	
	81 Ethylbenzene	106	8.895	8.895	(1.012)	774	0.14871	7.2(a)
	82 m+p-Xylene	106	9.010	9.010	(1.025)	2968	0.45859	22(a)
	84 o-Xylene	106	9.381	9.381	(1.067)	16192	2.58299	120
	88 Isopropylbenzene	105	9.702	9.702	(1.104)	4227	0.27265	13(a)
$	89 Bromofluorobenzene (SUR)	174	9.875	9.874	(0.912)	141336	40.7132	2000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53610.d
Report Date: 24-Mar-2013 16:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	95 n-Propylbenzene	91	10.056	10.055	(0.929)	16377	0.75888	37(a)
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	198999	14.0817	680
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	9371	0.81338	39(a)
	101 1,2,4-Trimethylbenzene	105	10.525	10.525	(0.972)	178311	12.4333	600
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	21963	1.08189	52
	107 p-Isopropyltoluene	119	10.772	10.763	(0.995)	71904	4.18182	200
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	237157	50.0000	
	109 1,4-Dichlorobenzene	146	10.854	10.854	(1.002)	2764	0.33109	16(a)
	171 Indan	117	11.027	11.027	(2.107)	102989	8.55590	420
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	2814	0.35428	17(a)
	114 1,2,4-Trichlorobenzene	180	12.385	12.384	(1.144)	174043	35.1740	1700
	117 1,2,3-Trichlorobenzene	180	12.813	12.812	(1.183)	35744	7.64078	370
M	121 Xylene (Total)	100				19160	3.04158	150

QC Flag Legend

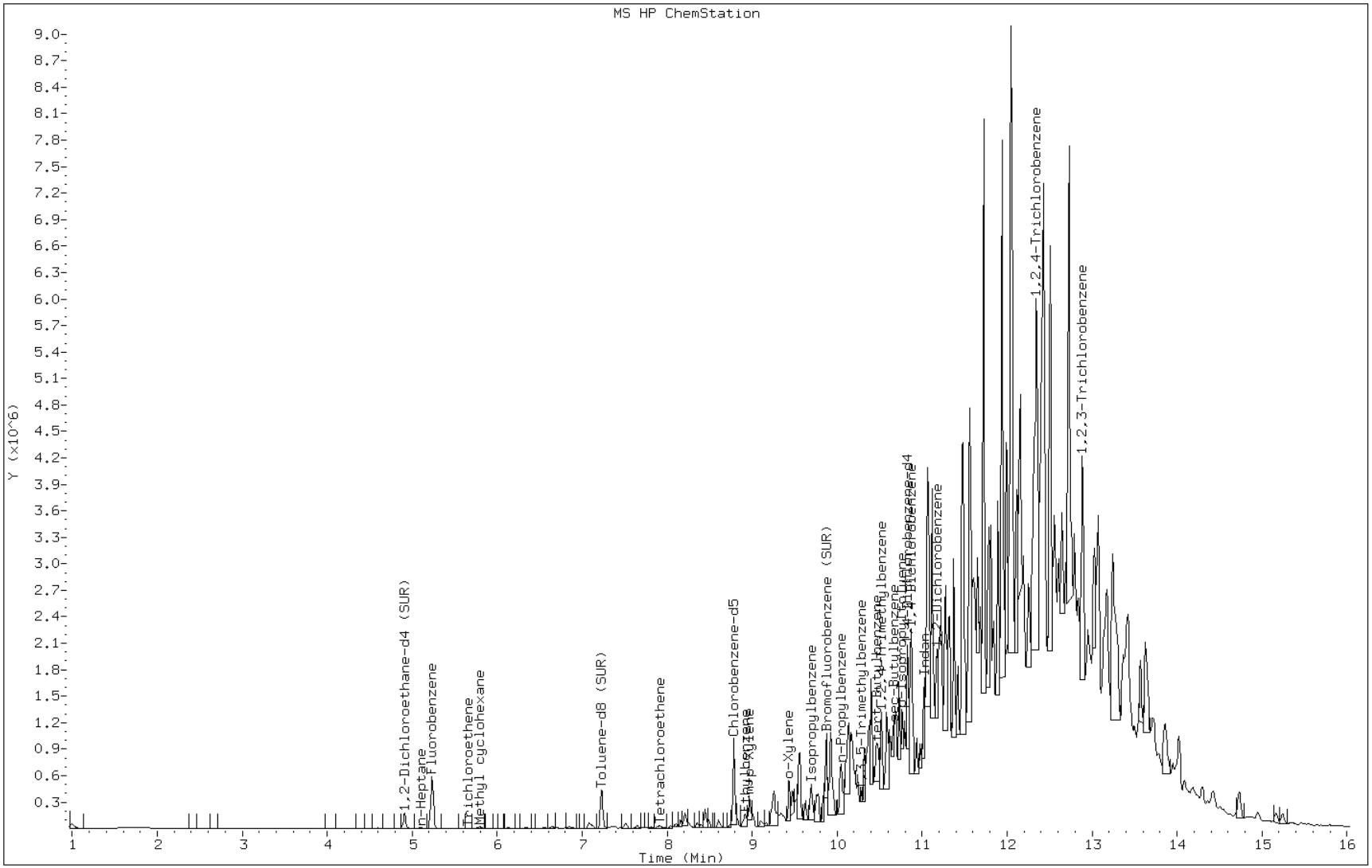
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:



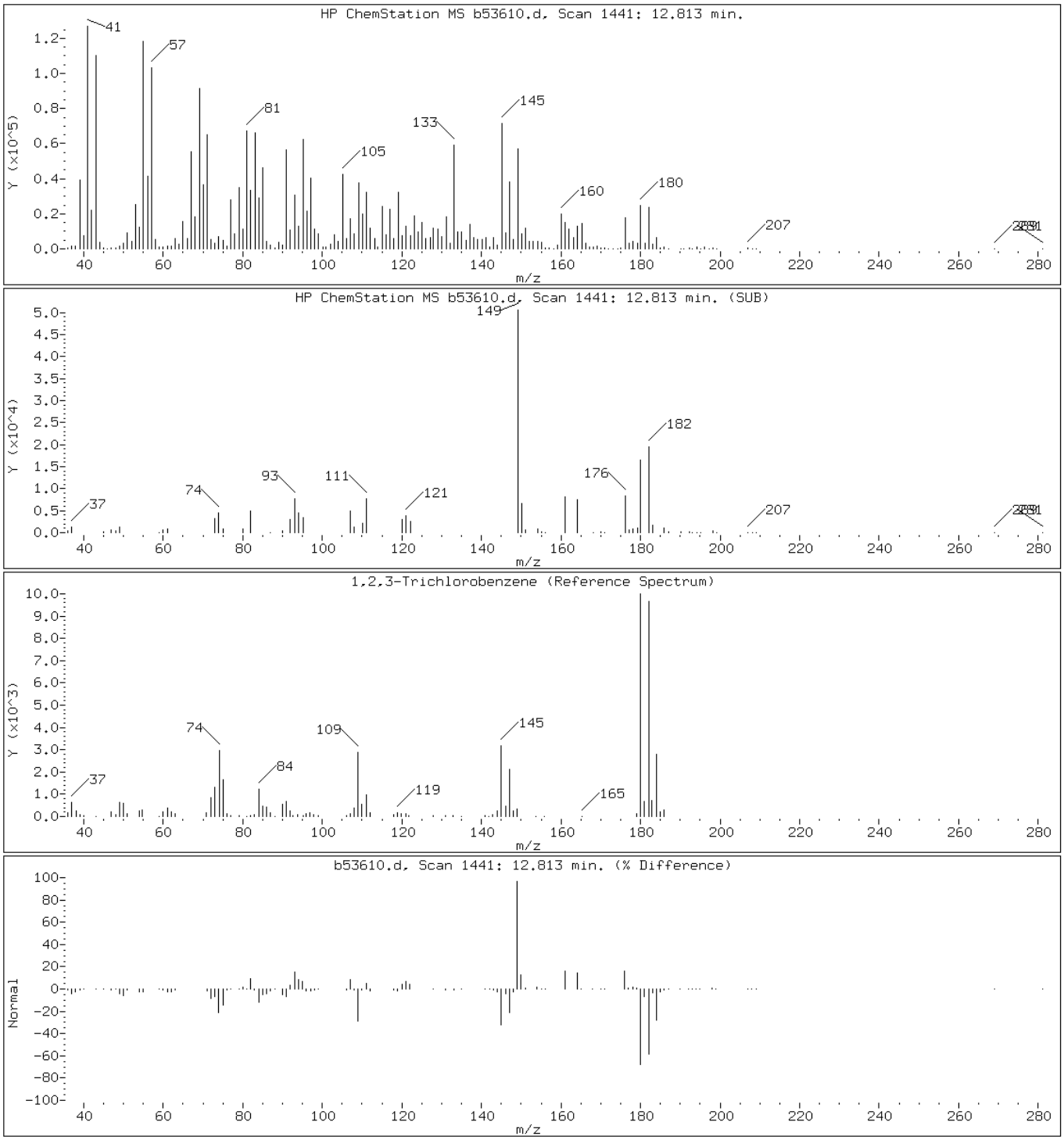
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

117 1,2,3-Trichlorobenzene



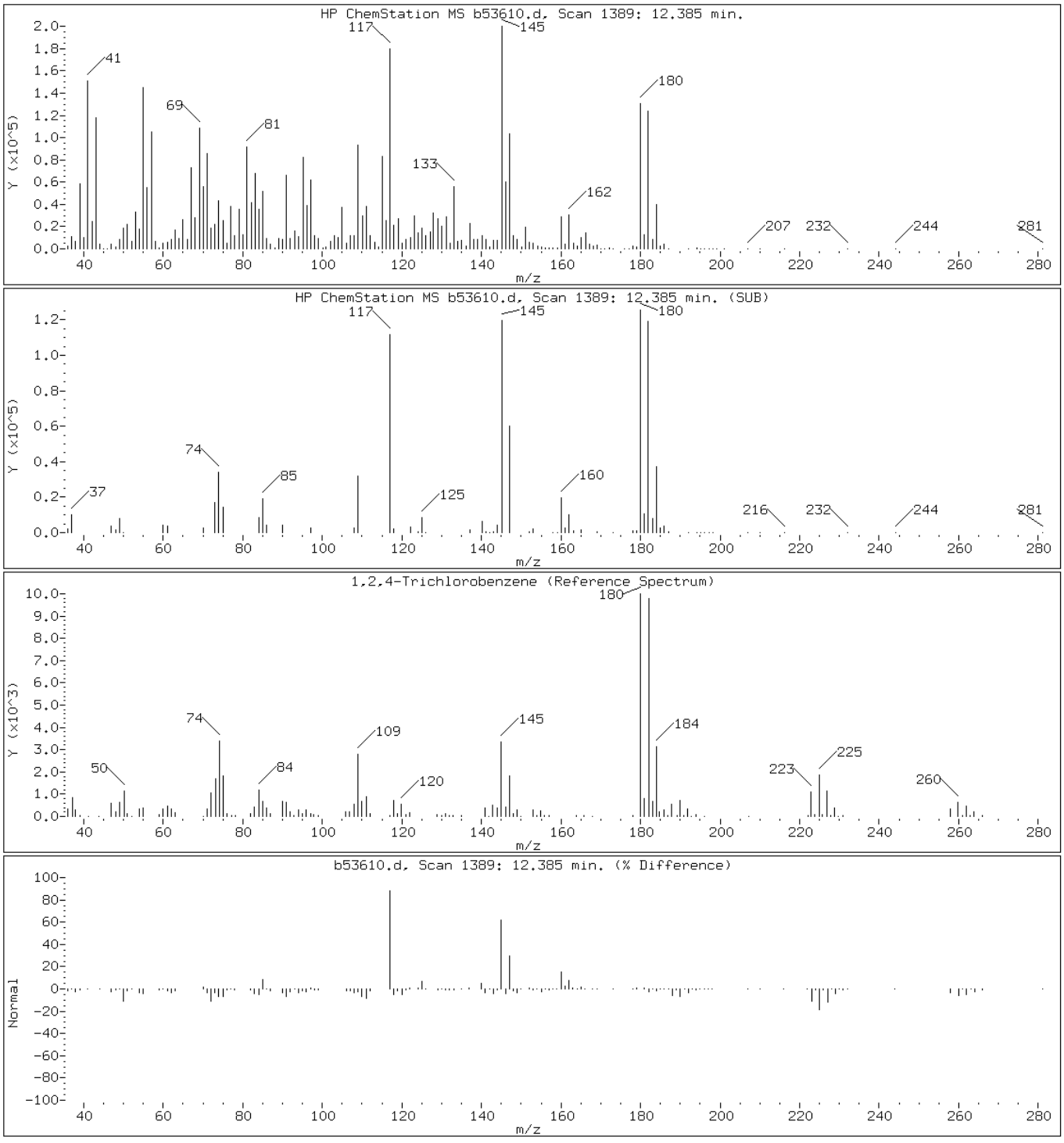
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

114 1,2,4-Trichlorobenzene



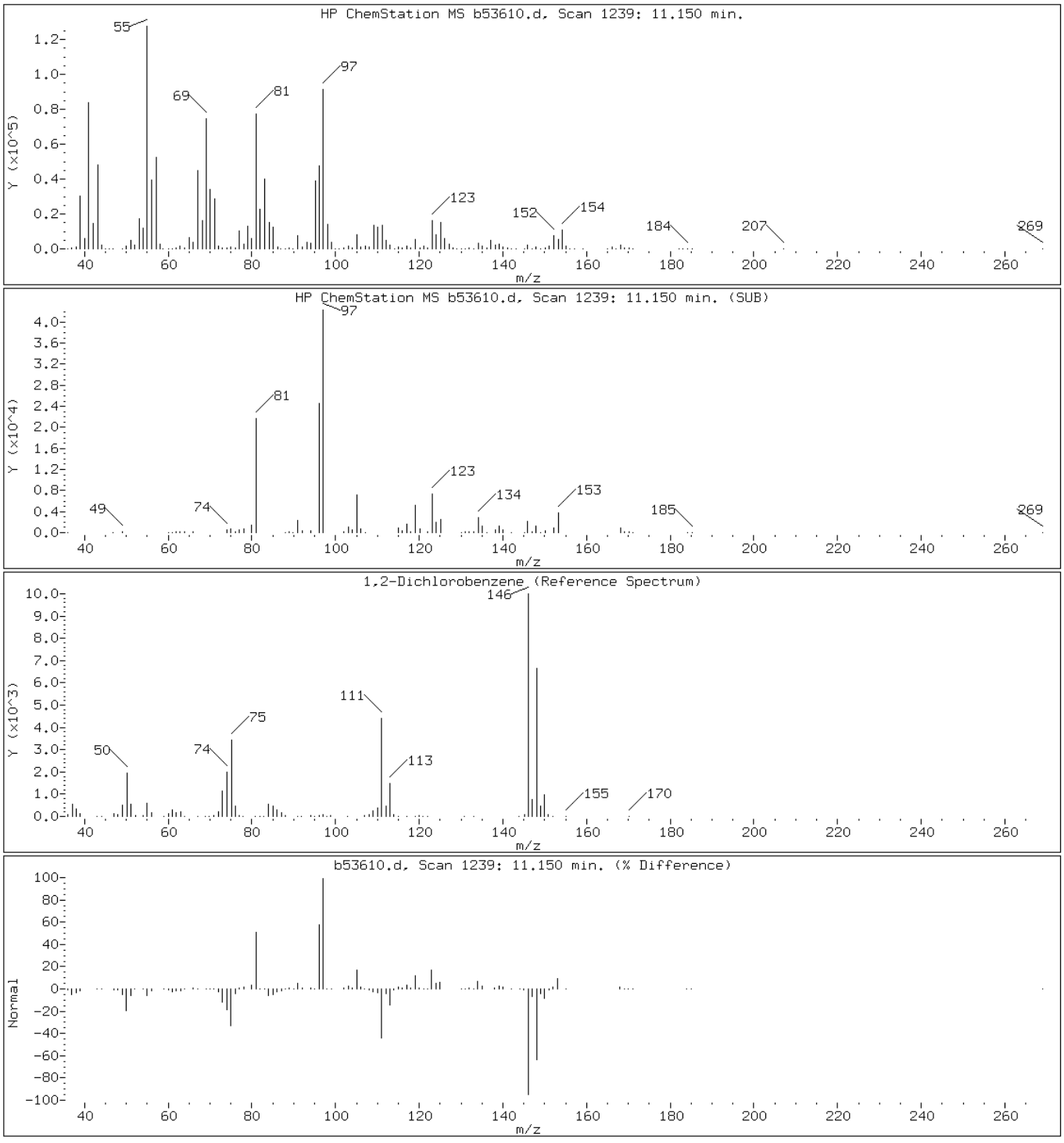
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

111 1,2-Dichlorobenzene



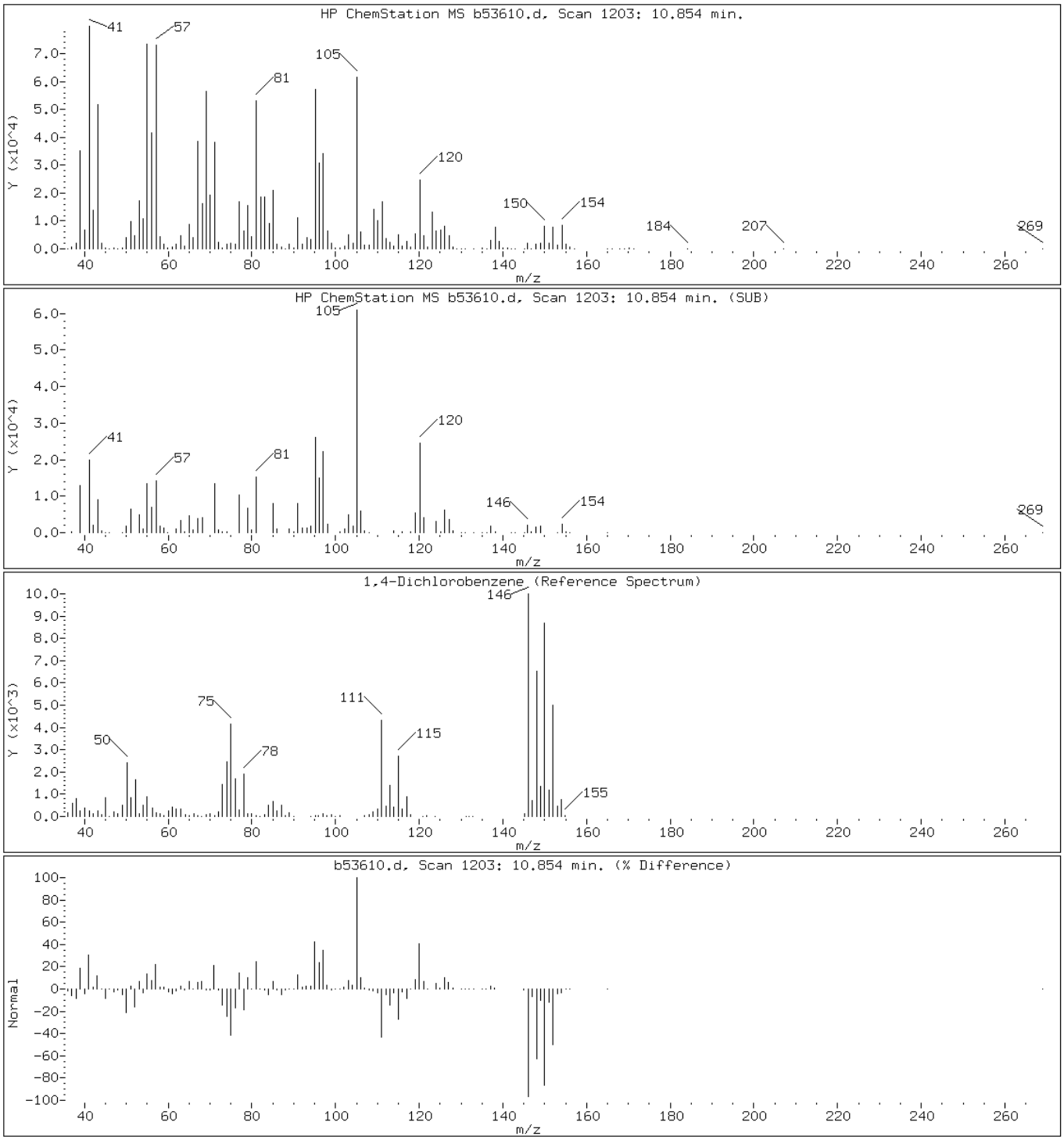
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

109 1,4-Dichlorobenzene



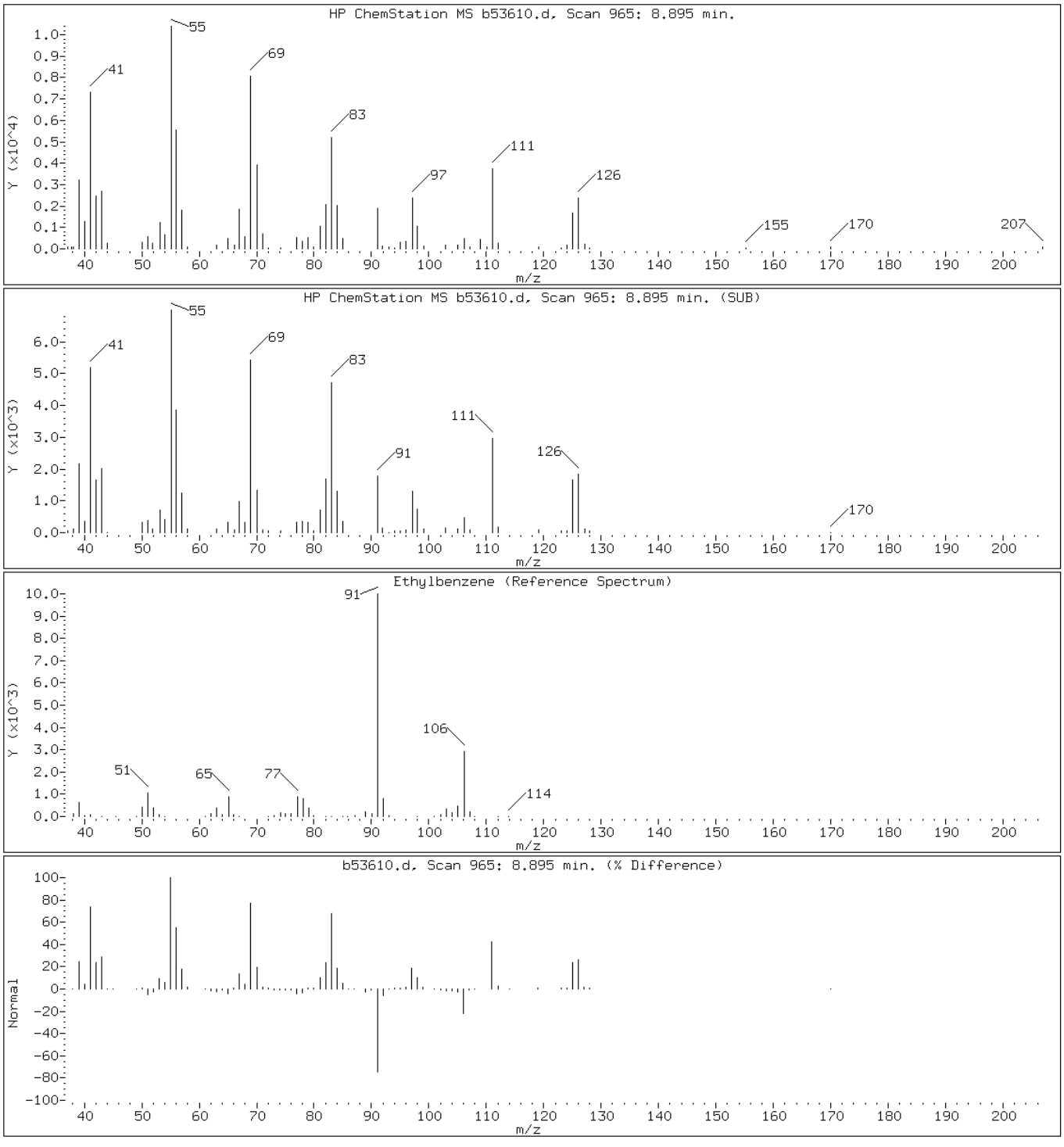
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

81 Ethylbenzene



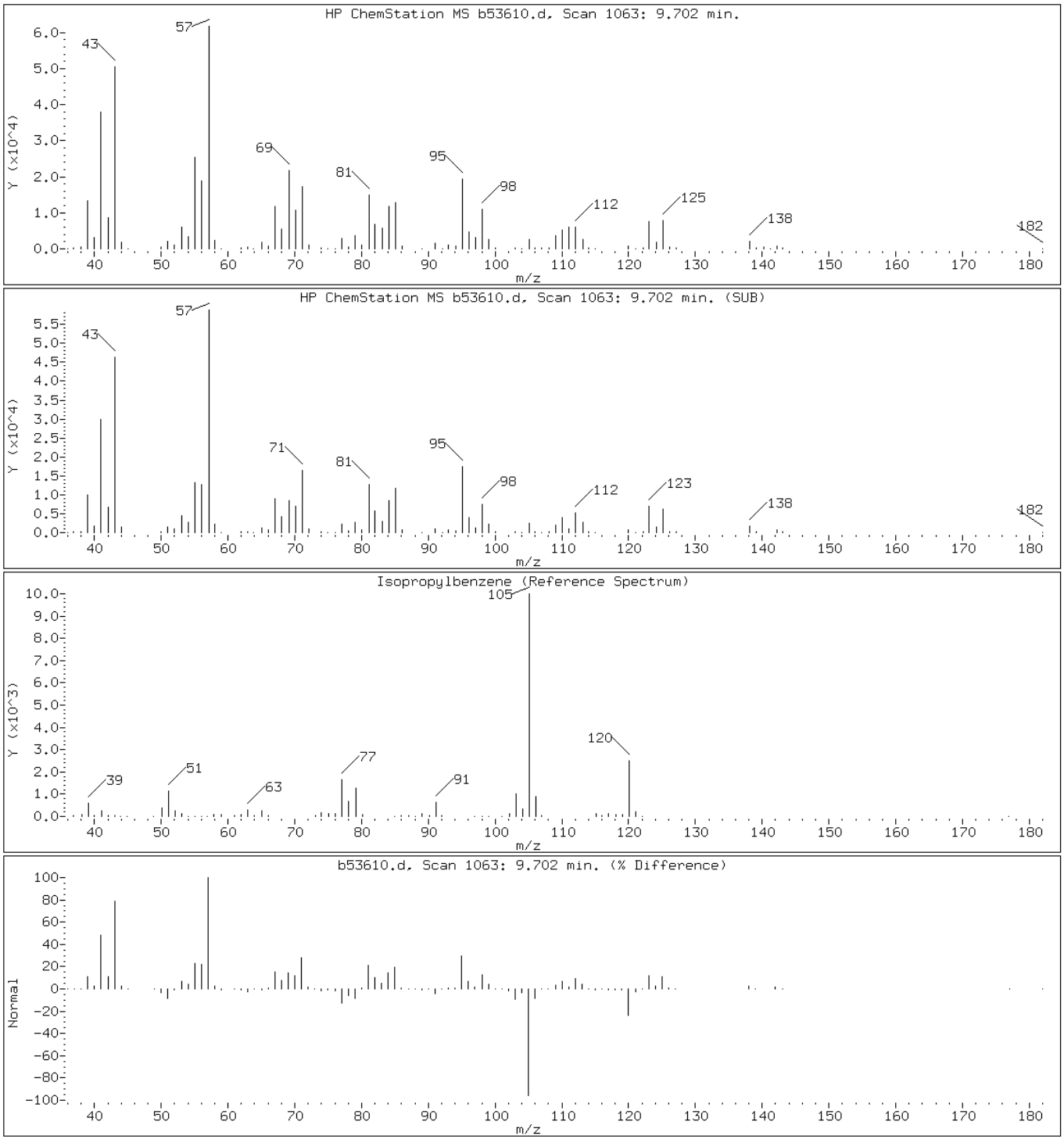
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

88 Isopropylbenzene



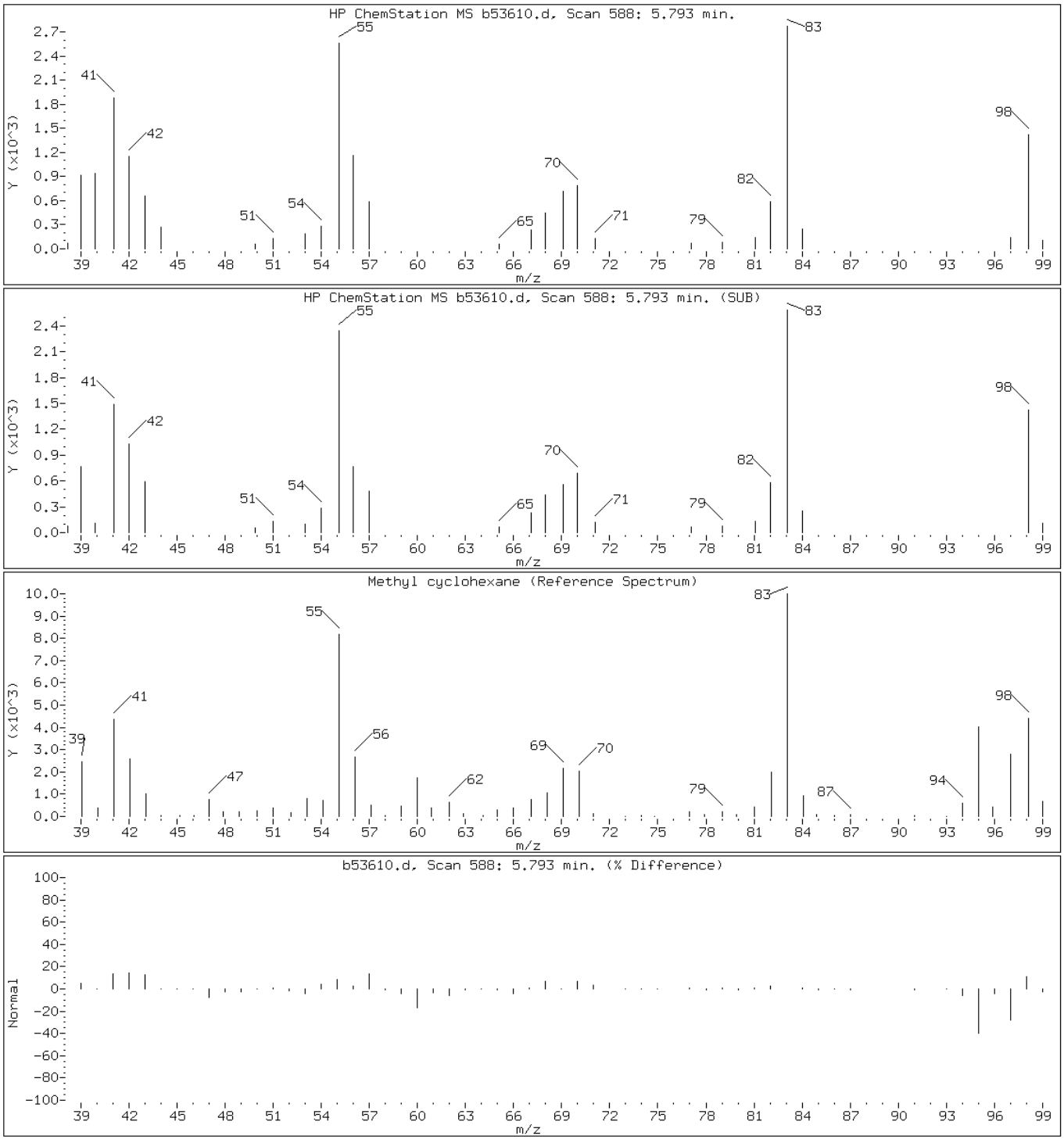
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

56 Methyl cyclohexane



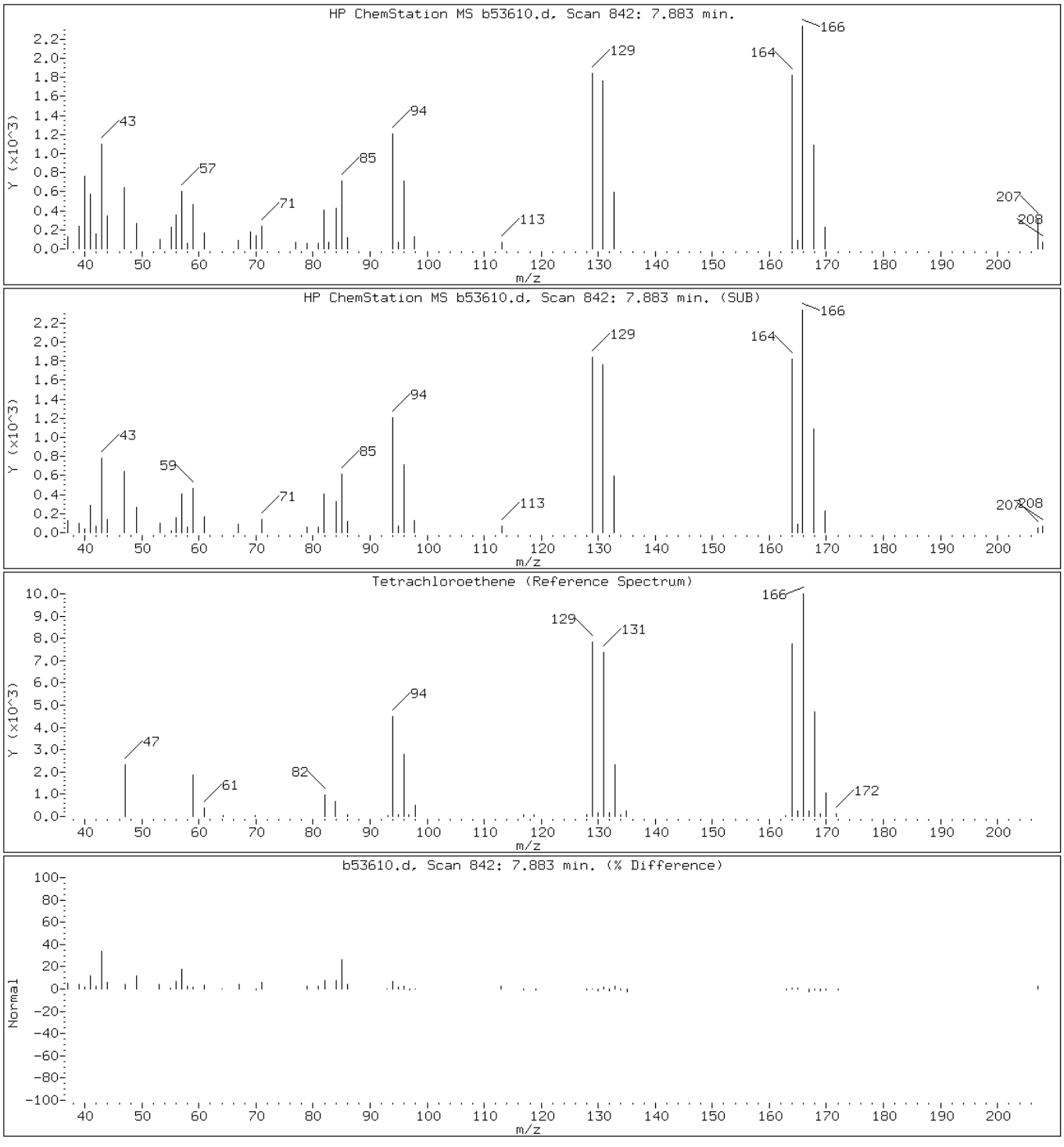
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

71 Tetrachloroethene



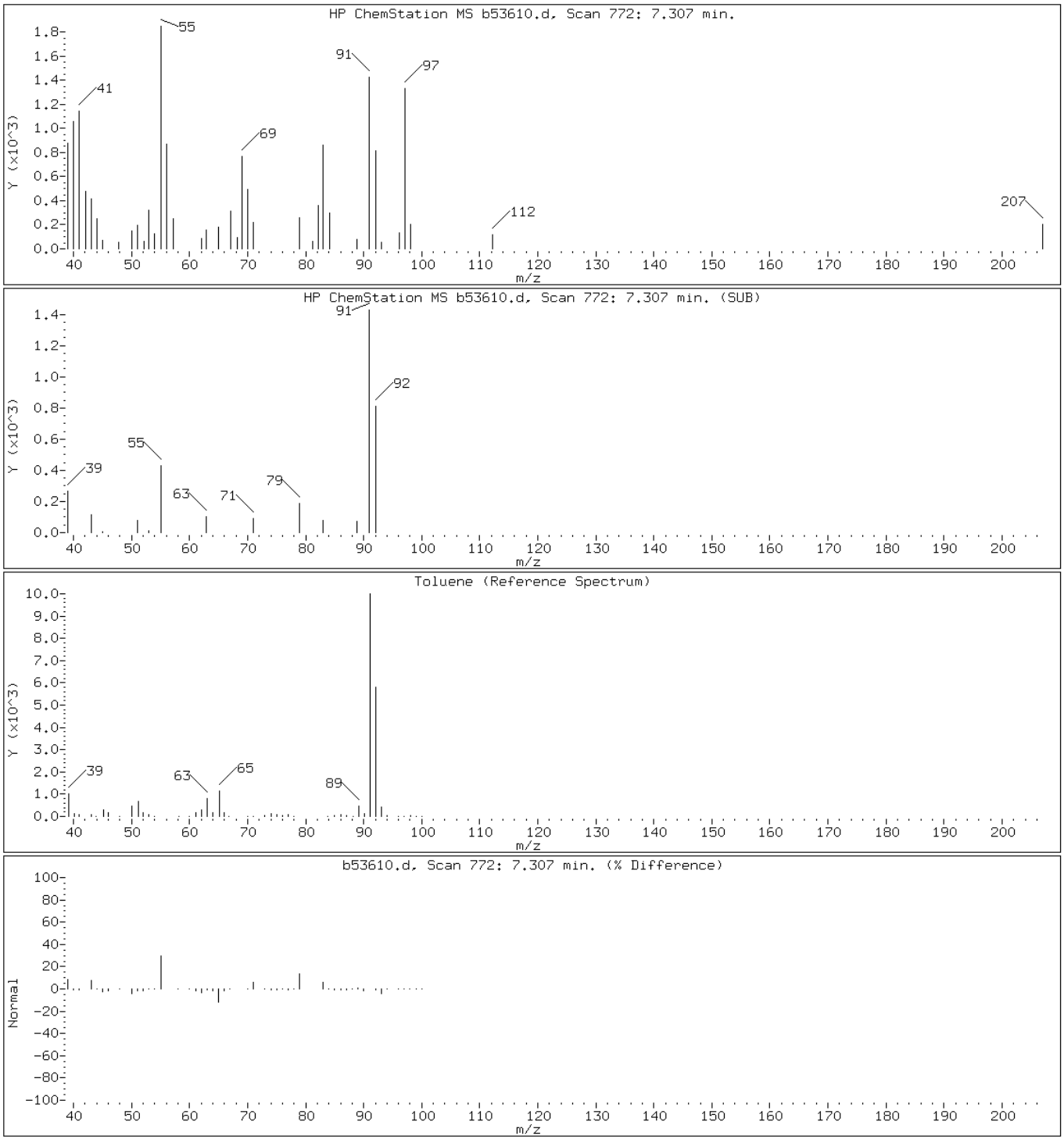
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

66 Toluene



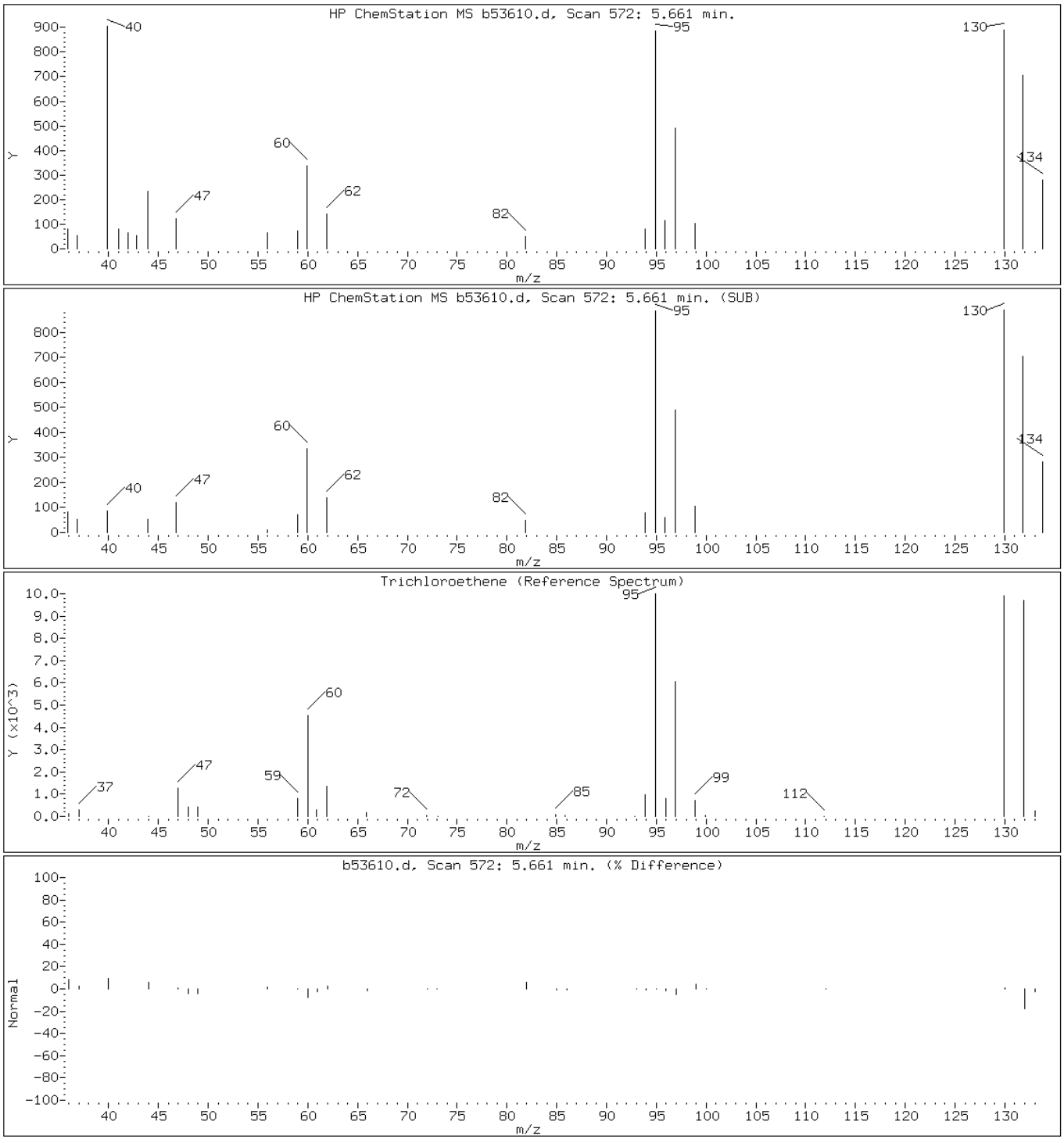
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

54 Trichloroethene



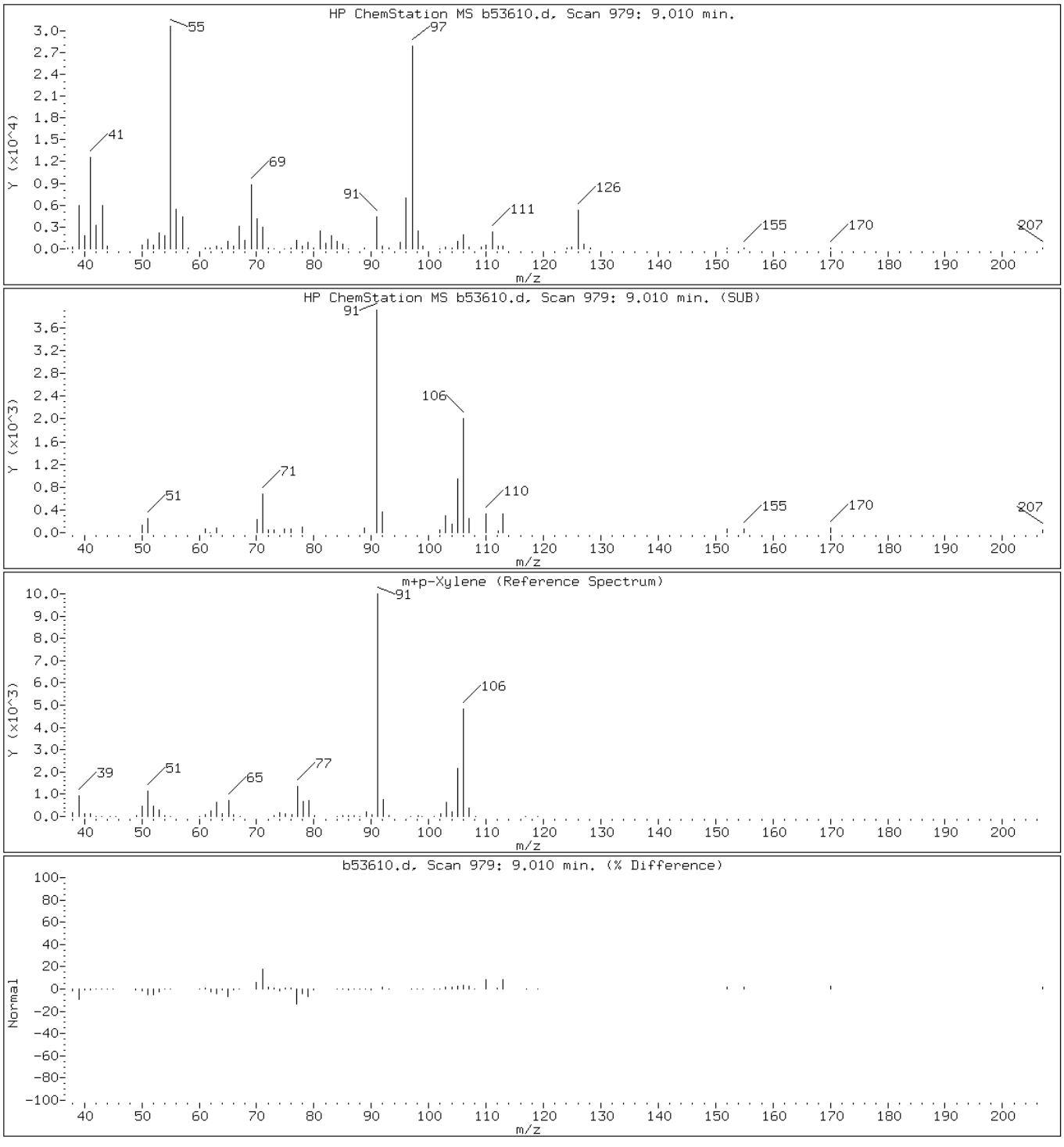
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

82 m+p-Xylene



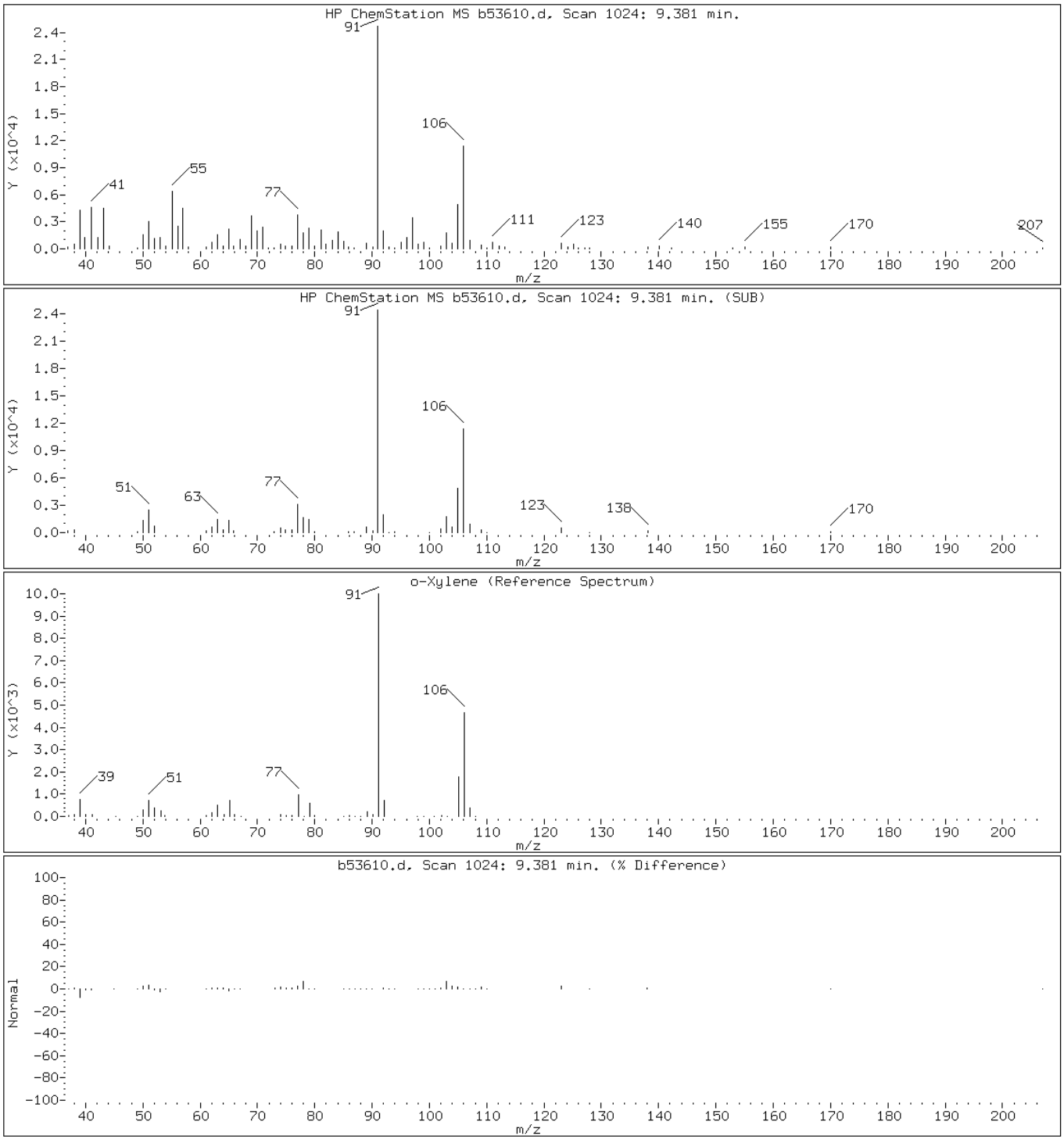
Data File: b53610.d

Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

84 o-Xylene



Data File: b53610.d

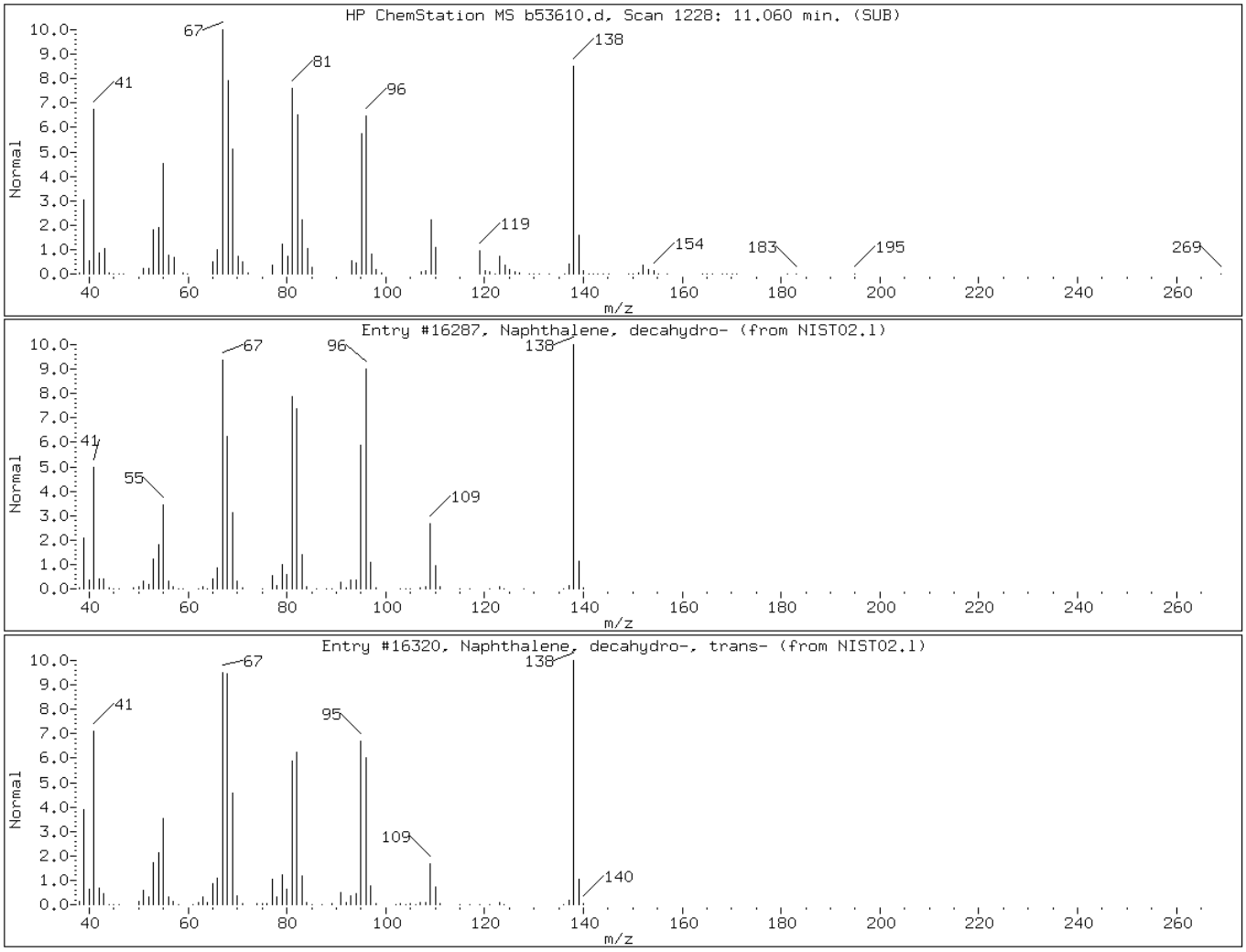
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 11.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16287	98	C10H18	138
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16320	97	C10H18	138



Data File: b53610.d

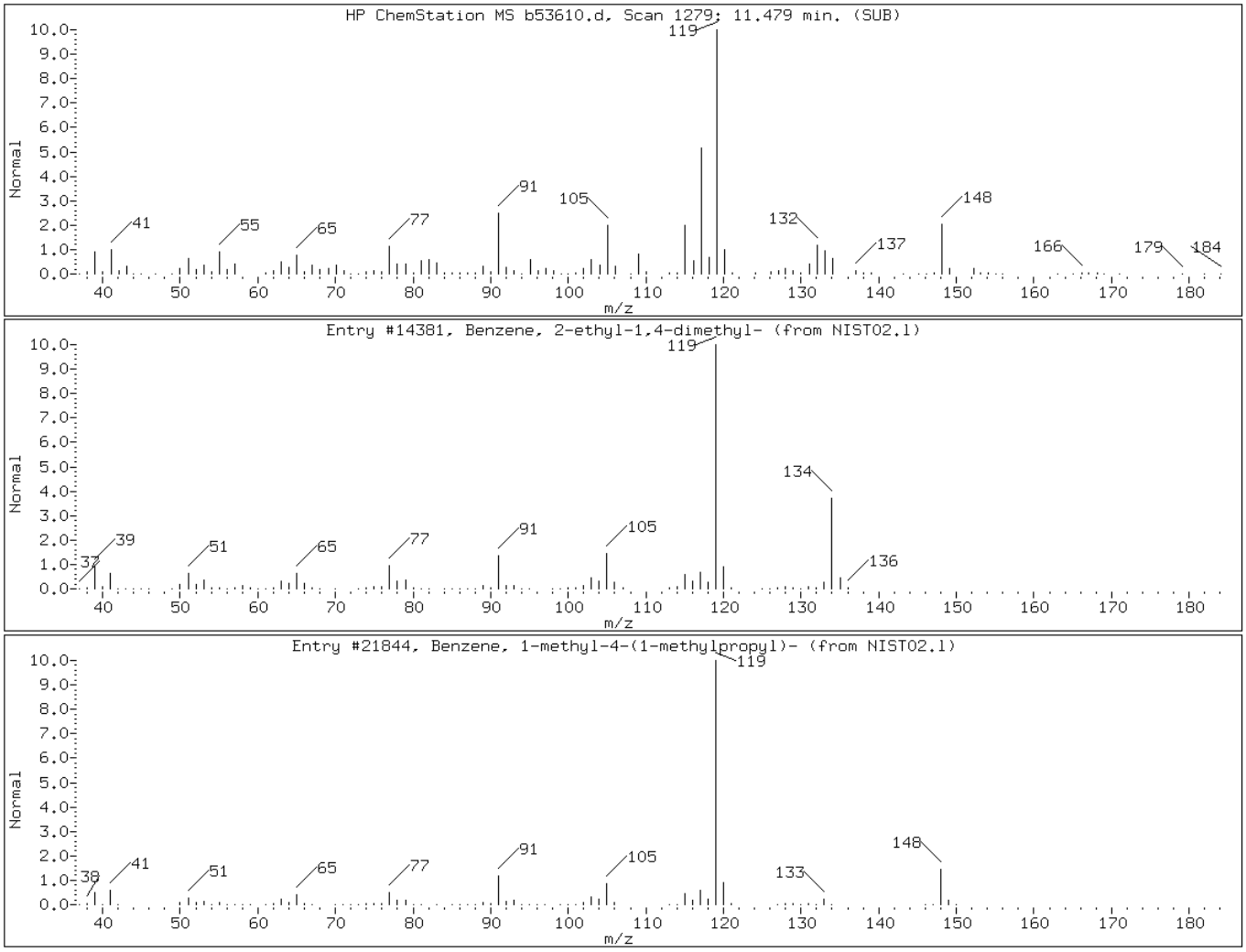
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 11.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14381	49	C10H14	134
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	49	C11H16	148



Data File: b53610.d

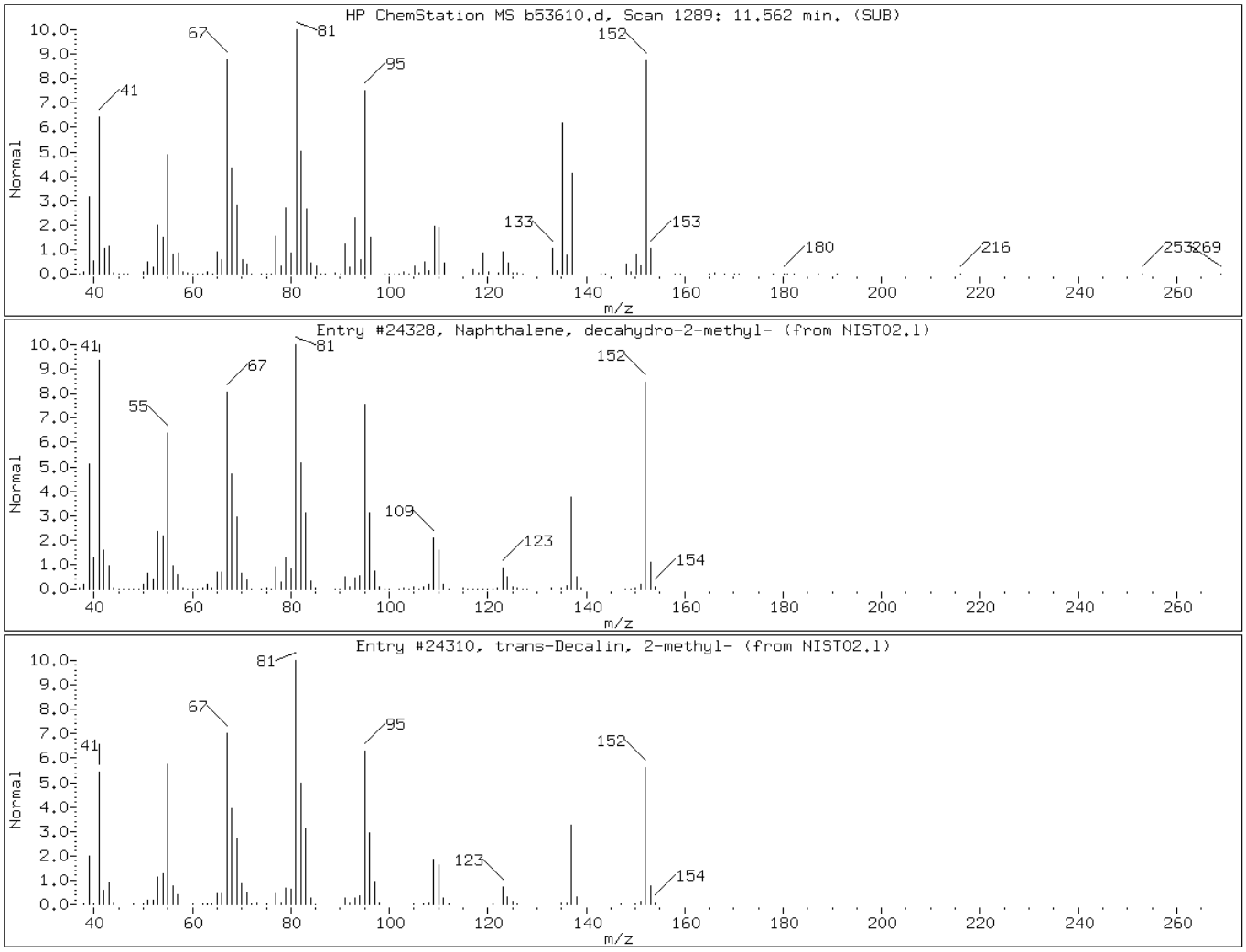
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 11.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	93	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	93	C11H20	152



Data File: b53610.d

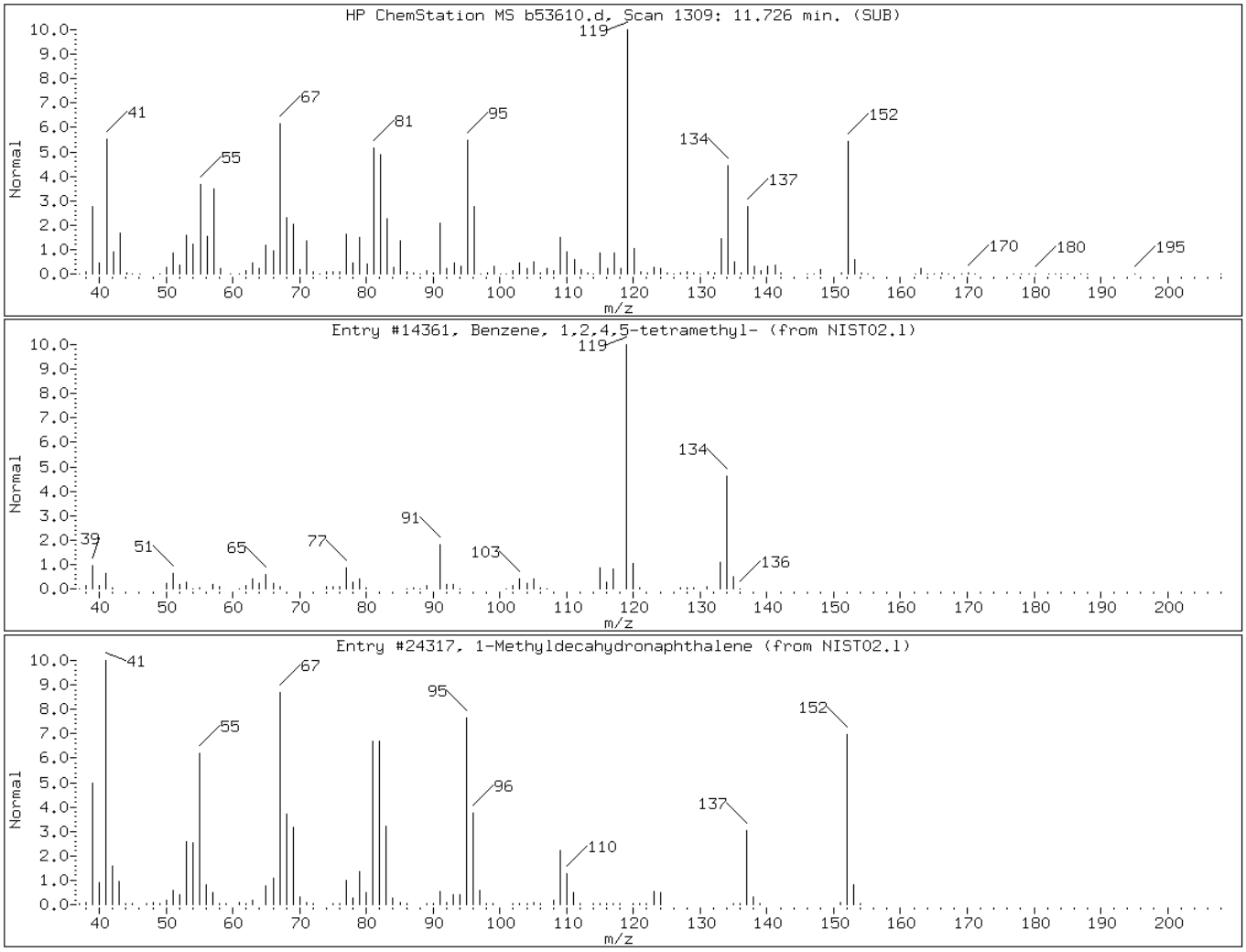
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 11.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic/Unknown						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	93	C10H14	134
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	91	C11H20	152



Data File: b53610.d

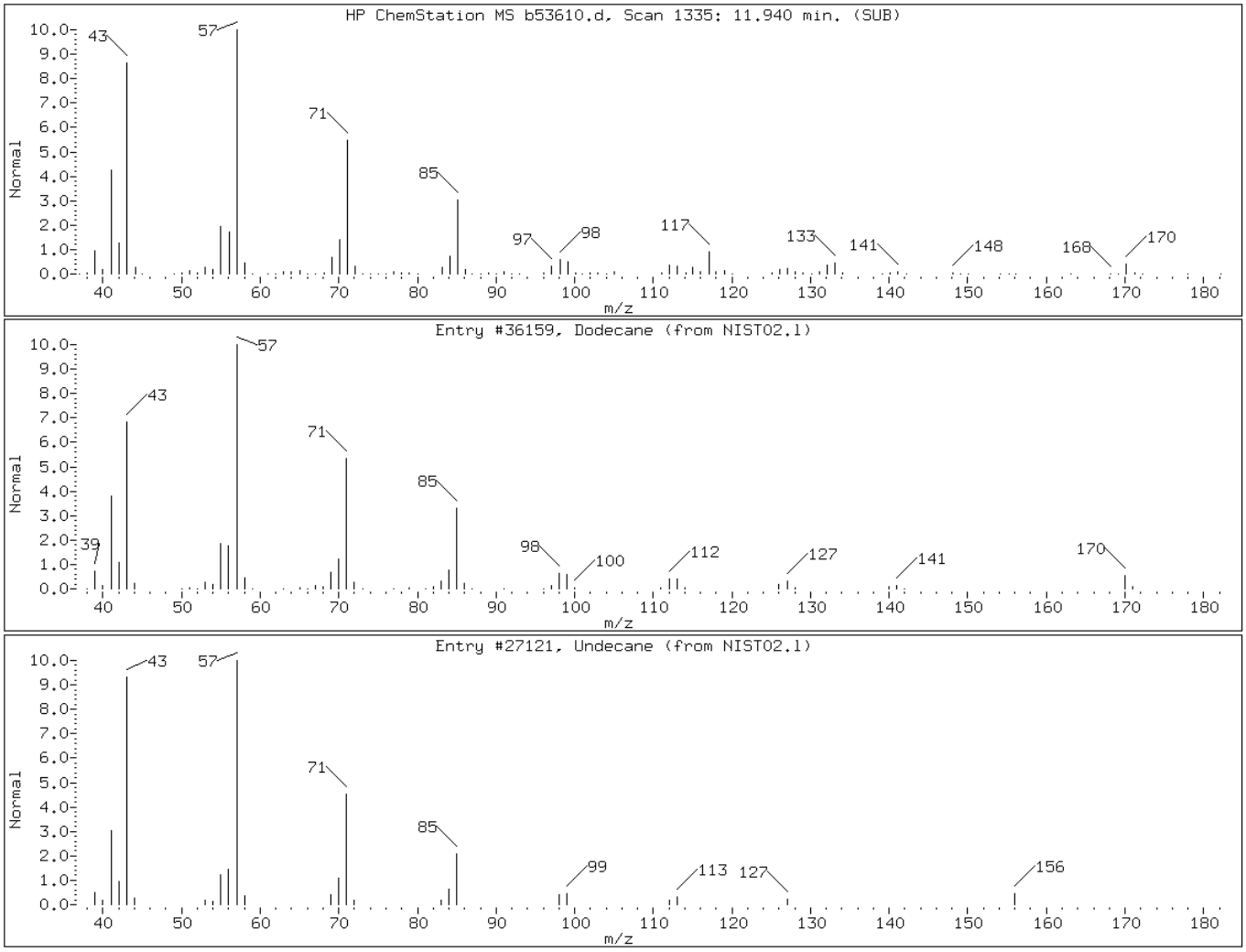
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 11.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	95	C12H26	170
Undecane	1120-21-4	NIST02.l	27121	72	C11H24	156



Data File: b53610.d

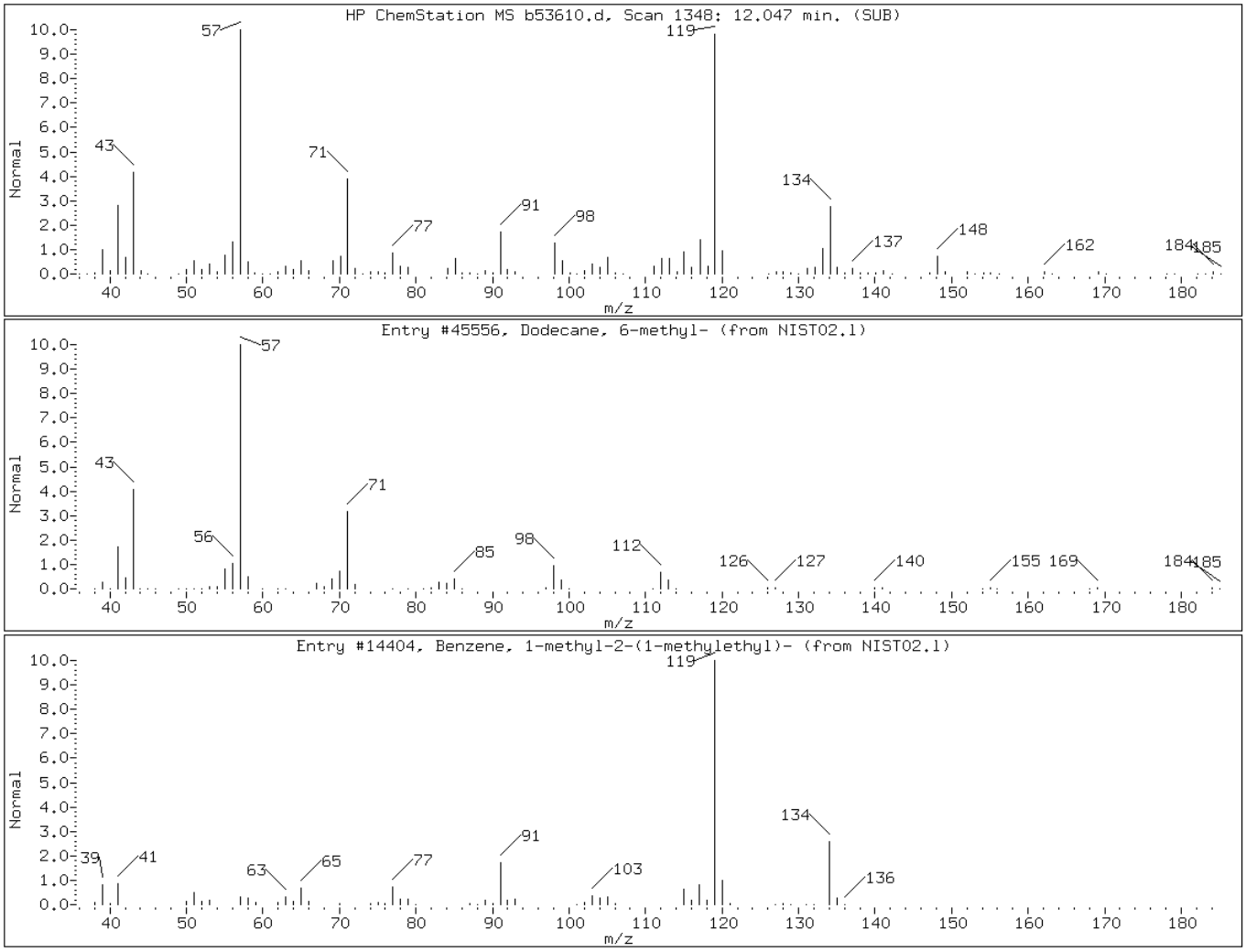
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic/Unknown						
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	92	C13H28	184
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	91	C10H14	134



Data File: b53610.d

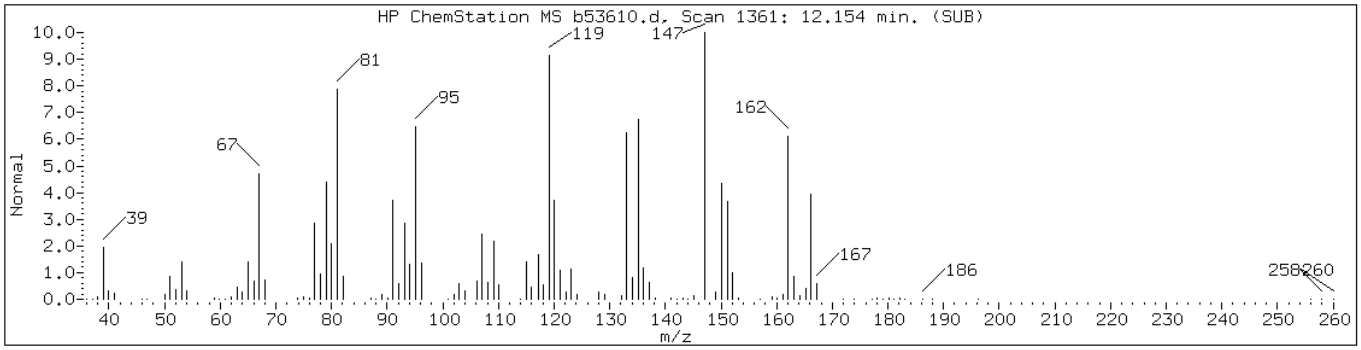
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: b53610.d

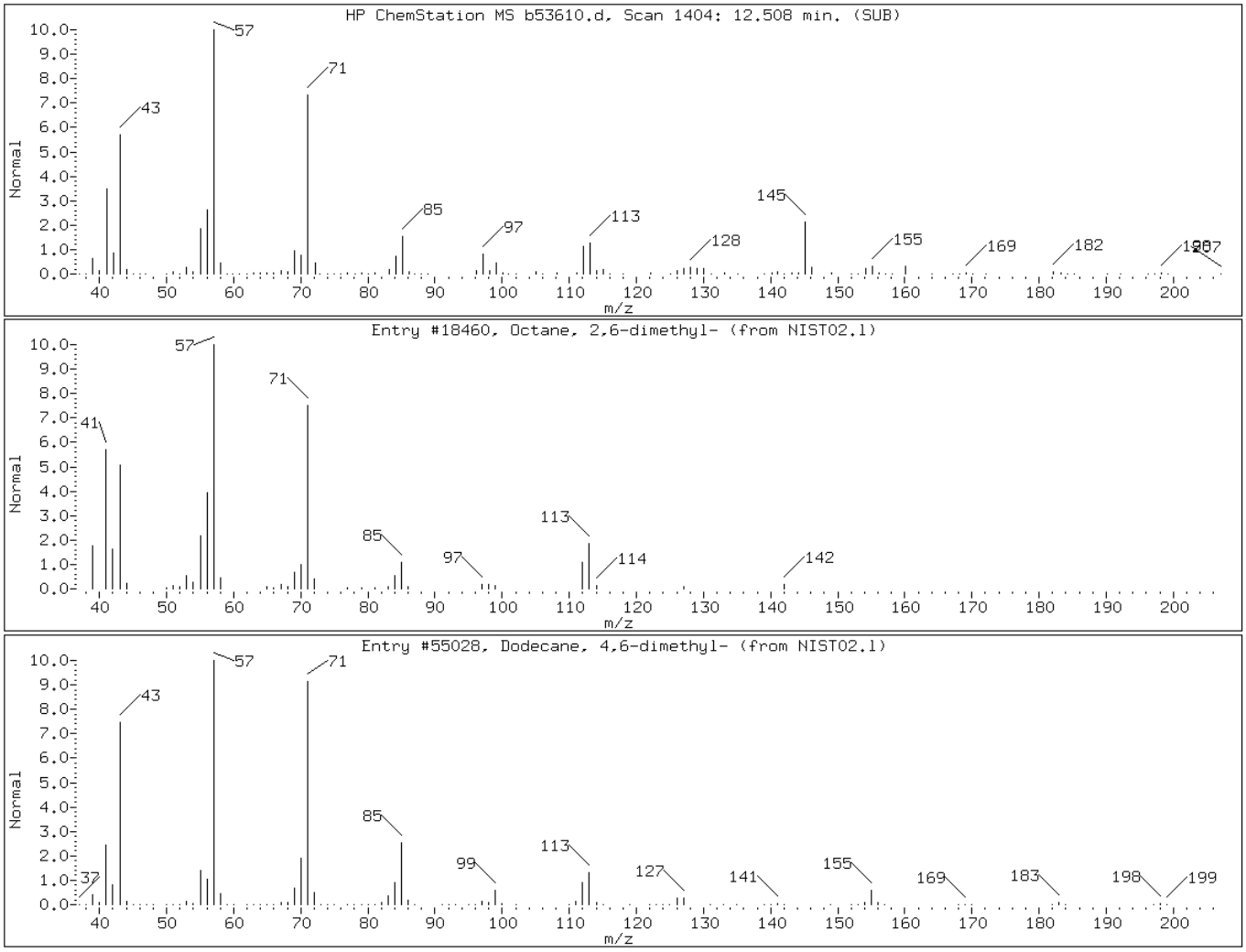
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 12.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18460	64	C10H22	142
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55028	62	C14H30	198



Data File: b53610.d

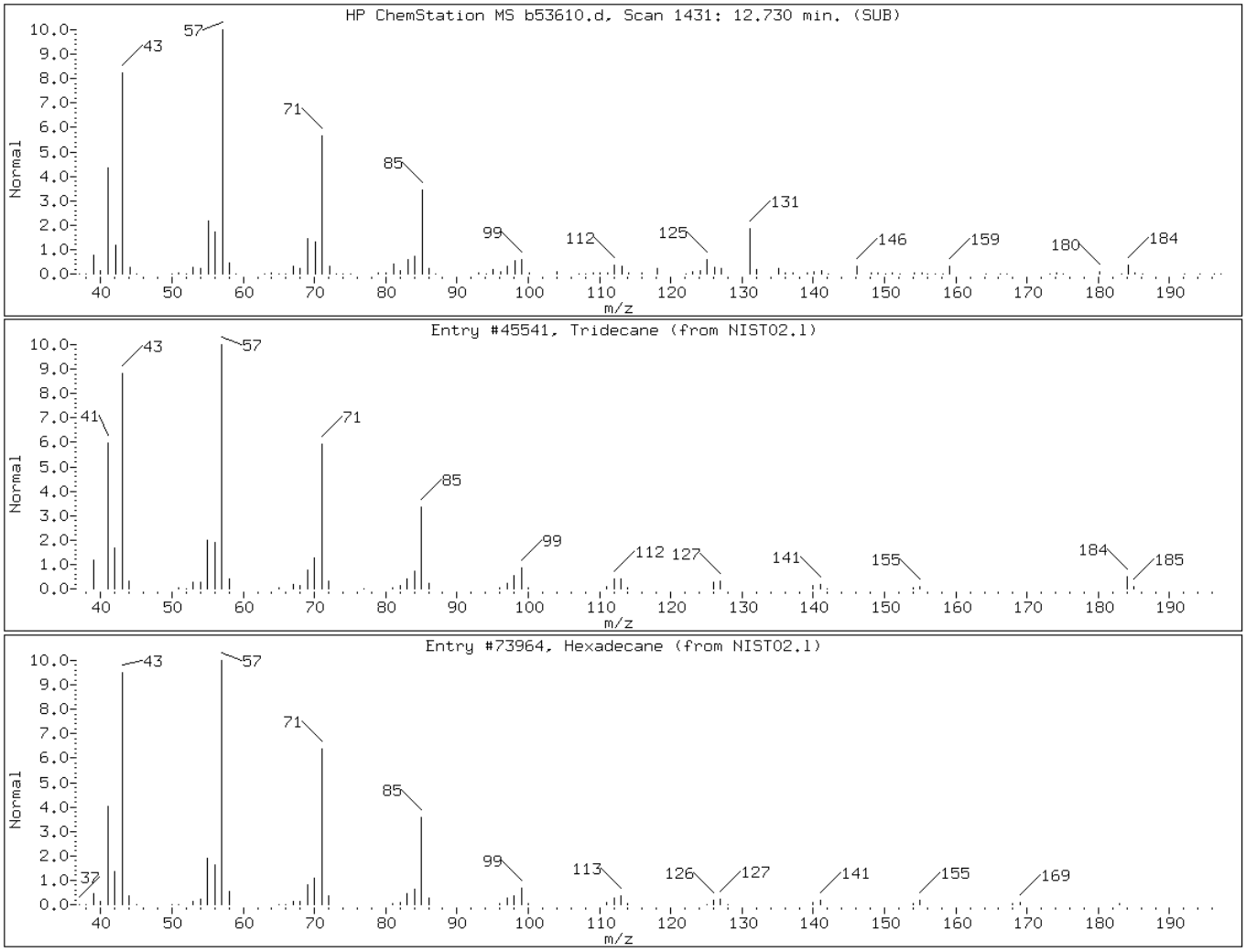
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 12.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tridecane	629-50-5	NIST02.l	45541	94	C13H28	184
Hexadecane	544-76-3	NIST02.l	73964	72	C16H34	226



Data File: b53610.d

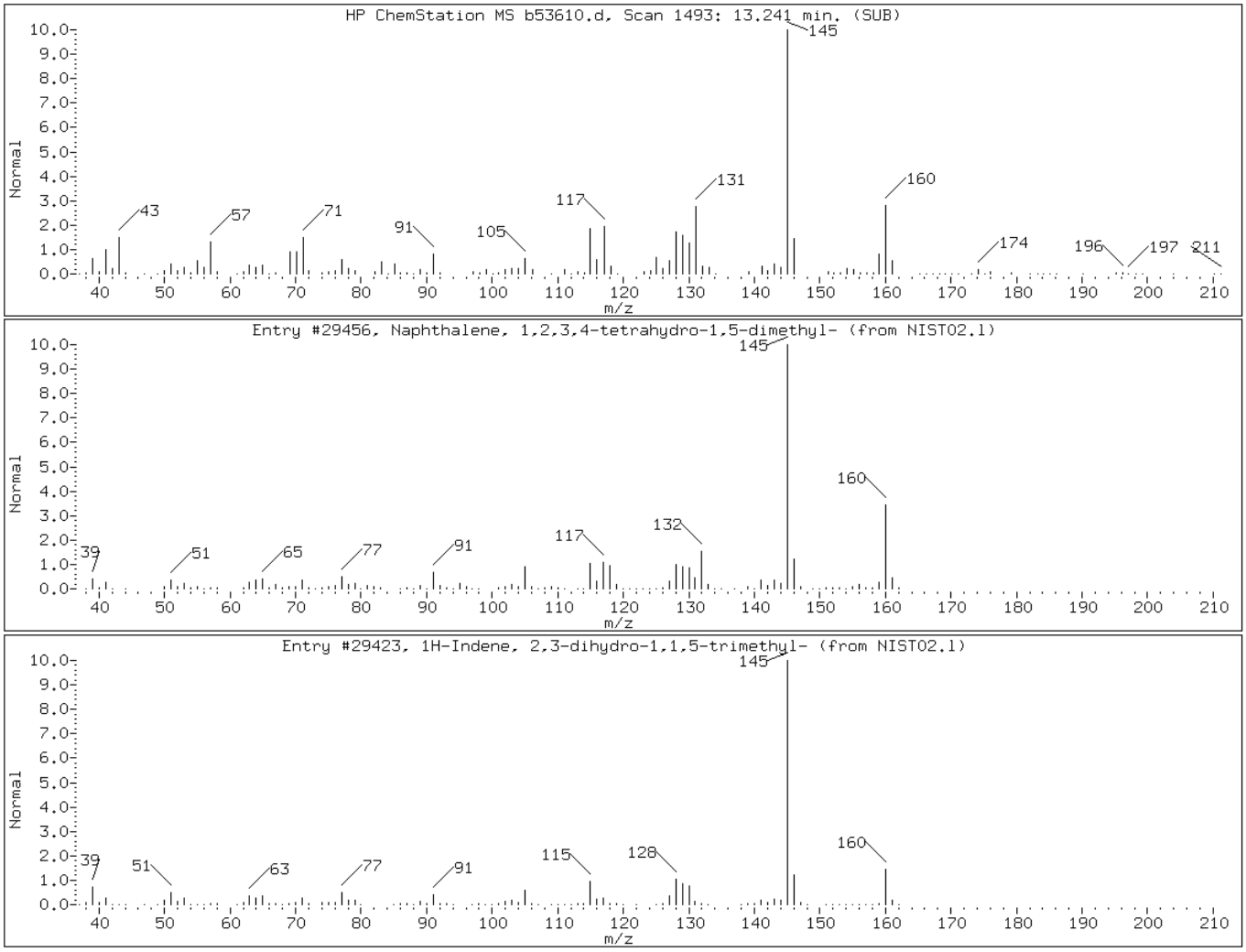
Date: 21-MAR-2013 09:03

Client ID: PMP-15-NE-SD Instrument: VOAMS2.i

Sample Info: 460-52450-B-40-A;50;;5.72;5 Operator:

Retention Time: 13.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Naphthalene, 1,2,3,4-tetrahydro-1,	21564-91-0	NIST02.l	29456	90	C12H16	160
1H-Indene, 2,3-dihydro-1,1,5-trime	40650-41-7	NIST02.l	29423	90	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD | Lab Sample ID: 460-52450-41

Matrix: Solid | Lab File ID: d30852.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:35

Sample wt/vol: 5.09(g) | Date Analyzed: 03/23/2013 15:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.4 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.092	U	1.0	0.092
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.0	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
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
123-91-1	1,4-Dioxane	13	U	51	13
78-93-3	2-Butanone	0.65	U	10	0.65
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
67-64-1	Acetone	1.7	U	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.34	U	1.0	0.34
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.16	U	1.0	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.13	U	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
100-41-4	Ethylbenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD | Lab Sample ID: 460-52450-41

Matrix: Solid | Lab File ID: d30852.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:35

Sample wt/vol: 5.09(g) | Date Analyzed: 03/23/2013 15:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.4 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
75-09-2	Methylene Chloride	1.9	B	1.0	0.15
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.29	U	1.0	0.29
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD Lab Sample ID: 460-52450-41

Matrix: Solid Lab File ID: d30852.d

Analysis Method: 8260B Date Collected: 03/14/2013 17:35

Sample wt/vol: 5.09(g) Date Analyzed: 03/23/2013 15:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.4 Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30852.d
Report Date: 25-Mar-2013 21:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30852.d
Lab Smp Id: 460-52450-D-41-A Client Smp ID: PMP-28-NE-VD
Inj Date : 23-MAR-2013 15:03
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-41-A;;;5.09;5
Misc Info : 460-52450-D-41-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	5.09000	Weight of sample extracted (g)
M	4.37158	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	2.475	2.469	(0.544)	7205	1.84091	1.9(H)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	101509	47.9628	49
* 69 Fluorobenzene	96	4.551	4.545	(1.000)	509146	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	415803	50.0932	51
* 32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	324334	50.0000	
44 o-Xylene	106	8.475	8.469	(1.074)	1539	0.19028	0.20(a)
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	190266	49.4370	51
* 91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	186093	50.0000	

QC Flag Legend

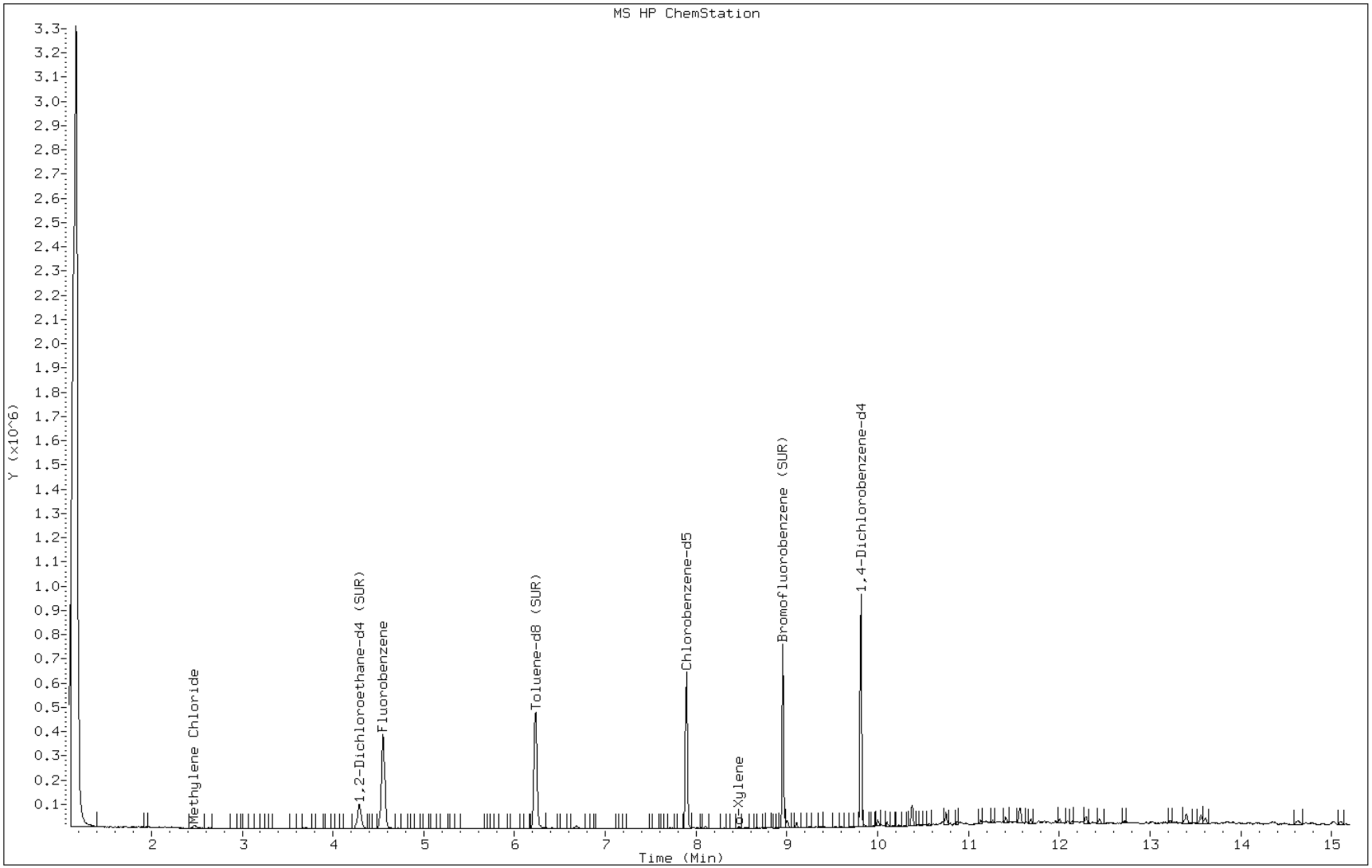
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30852.d

Date: 23-MAR-2013 15:03

Client ID: PMP-28-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-41-A;;;5.09;5 Operator: VOAMS 9



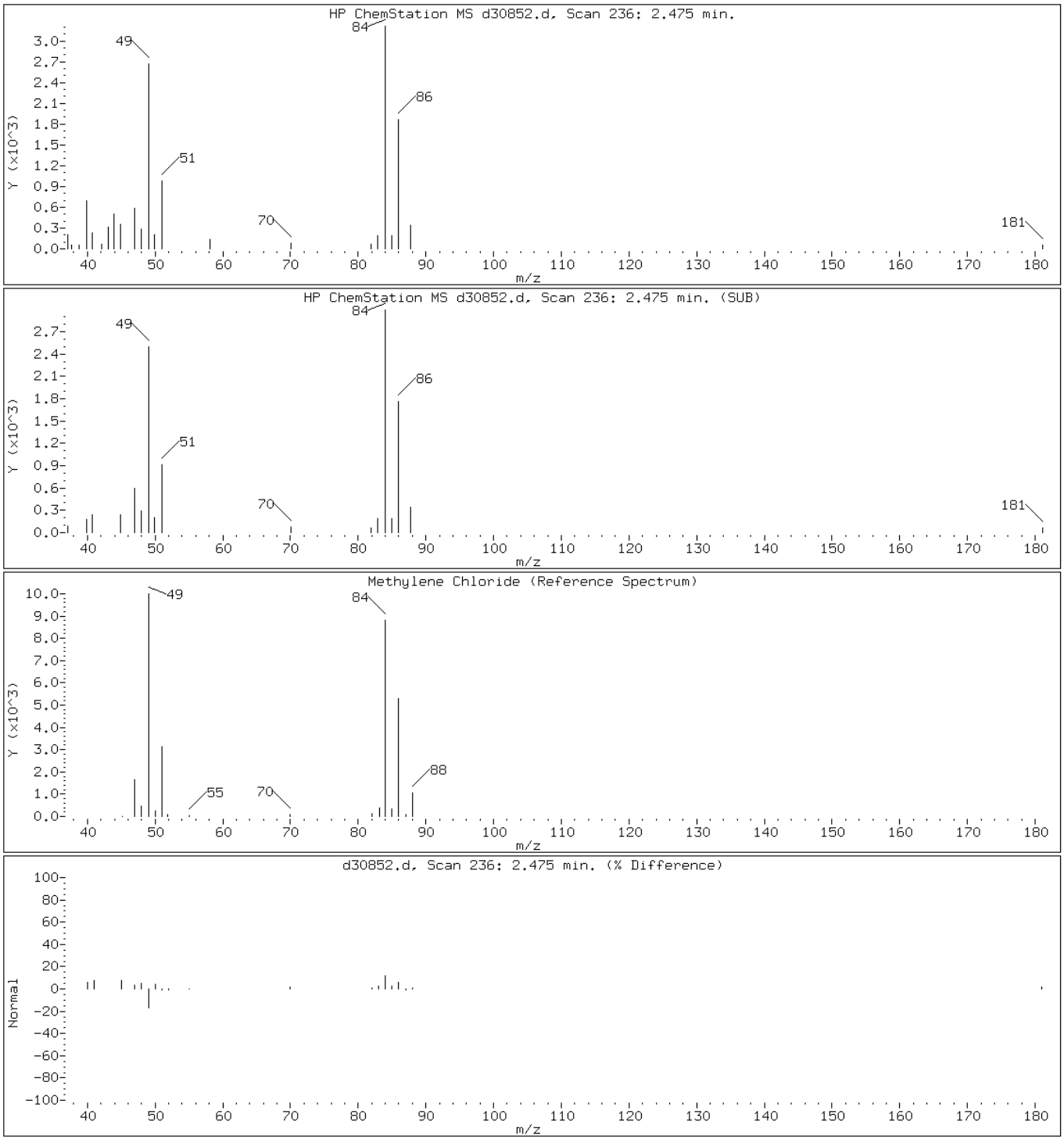
Data File: d30852.d

Date: 23-MAR-2013 15:03

Client ID: PMP-28-NE-VD Instrument: VOAMS4.i

Sample Info: 460-52450-D-41-A;;;5.09;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT | Lab Sample ID: 460-52450-42

Matrix: Solid | Lab File ID: o71650.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:40

Sample wt/vol: 6.35(g) | Date Analyzed: 03/25/2013 21:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.9 | Level: (low/med) Low

Analysis Batch No.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.11	U	0.86	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.078	U	0.86	0.078
79-00-5	1,1,2-Trichloroethane	0.12	U	0.86	0.12
75-34-3	1,1-Dichloroethane	0.095	U	0.86	0.095
75-35-4	1,1-Dichloroethene	0.16	U	0.86	0.16
87-61-6	1,2,3-Trichlorobenzene	44		0.86	0.14
120-82-1	1,2,4-Trichlorobenzene	300		0.86	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.86	0.38
106-93-4	1,2-Dibromoethane	0.13	U	0.86	0.13
95-50-1	1,2-Dichlorobenzene	1.9		0.86	0.086
107-06-2	1,2-Dichloroethane	0.16	U	0.86	0.16
78-87-5	1,2-Dichloropropane	0.13	U	0.86	0.13
541-73-1	1,3-Dichlorobenzene	2.3		0.86	0.14
106-46-7	1,4-Dichlorobenzene	12		0.86	0.095
123-91-1	1,4-Dioxane	11	U	43	11
78-93-3	2-Butanone	300		8.6	0.54
591-78-6	2-Hexanone	620		8.6	0.11
108-10-1	4-Methyl-2-pentanone	51		8.6	0.17
67-64-1	Acetone	730	B	8.6	1.5
71-43-2	Benzene	0.68	J	0.86	0.13
74-97-5	Bromochloromethane	0.095	U	0.86	0.095
75-27-4	Bromodichloromethane	0.28	U	0.86	0.28
75-25-2	Bromoform	0.15	U	0.86	0.15
74-83-9	Bromomethane	0.37	U	0.86	0.37
75-15-0	Carbon disulfide	0.13	U	0.86	0.13
56-23-5	Carbon tetrachloride	0.13	U	0.86	0.13
108-90-7	Chlorobenzene	1.7		0.86	0.16
75-00-3	Chloroethane	0.43	J	0.86	0.29
67-66-3	Chloroform	0.96		0.86	0.21
74-87-3	Chloromethane	0.14	U	0.86	0.14
156-59-2	cis-1,2-Dichloroethene	0.095	U	0.86	0.095
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.86	0.12
110-82-7	Cyclohexane	1.4		0.86	0.11
124-48-1	Dibromochloromethane	0.086	U	0.86	0.086
75-71-8	Dichlorodifluoromethane	0.19	U	0.86	0.19
100-41-4	Ethylbenzene	0.90		0.86	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT | Lab Sample ID: 460-52450-42

Matrix: Solid | Lab File ID: o71650.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:40

Sample wt/vol: 6.35(g) | Date Analyzed: 03/25/2013 21:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.9 | Level: (low/med) Low

Analysis Batch No.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.095	U	0.86	0.095
98-82-8	Isopropylbenzene	0.095	U	0.86	0.095
79-20-9	Methyl acetate	0.28	U	0.86	0.28
108-87-2	Methylcyclohexane	3.4		0.86	0.086
75-09-2	Methylene Chloride	0.13	U	0.86	0.13
1634-04-4	MTBE	0.095	U	0.86	0.095
100-42-5	Styrene	0.24	U	0.86	0.24
127-18-4	Tetrachloroethene	19		0.86	0.10
108-88-3	Toluene	2.7		0.86	0.12
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.86	0.11
10061-02-6	trans-1,3-Dichloropropene	0.086	U	0.86	0.086
79-01-6	Trichloroethene	2.9		0.86	0.10
75-69-4	Trichlorofluoromethane	0.14	U	0.86	0.14
75-01-4	Vinyl chloride	0.29	U	0.86	0.29
1330-20-7	Xylenes, Total	2.3	J	2.6	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	Bromofluorobenzene	62	X	70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT Lab Sample ID: 460-52450-42

Matrix: Solid Lab File ID: o71650.d

Analysis Method: 8260B Date Collected: 03/14/2013 17:40

Sample wt/vol: 6.35(g) Date Analyzed: 03/25/2013 21:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.9 Level: (low/med) Low

Analysis Batch No.: 152683 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 6490

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.79	360	J
	C10H20 Alkene	9.29	780	J
	Unknown	9.88	430	J
	Unknown Ketone	9.98	450	J
	Unknown-1	11.19	500	J
	Decahydronaphthalene isomer	11.45	750	J
	C11H22 Cycloalkane	11.77	1000	J
	Unknown Alkane-2	12.13	450	J
	Decahydromethylnaphthalene isomer	12.28	770	J
	Decahydromethylnaphthalene isomer-1	12.51	1000	J

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71650.d
Report Date: 27-Mar-2013 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71650.d
Lab Smp Id: 460-52450-E-42-A Client Smp ID: PMP-28-NE-WT
Inj Date : 25-MAR-2013 21:22
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-52450-E-42-A;;;6.35;5
Misc Info : 460-52450-E-42-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/8260L_10.m
Meth Date : 25-Mar-2013 16:37 audberto Quant Type: ISTD
Cal Date : 09-MAR-2013 08:54 Cal File: o70919.d
Als bottle: 13
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	6.35000	Weight of sample extracted (g)
M	8.87372	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	5 Chloroethane	64	1.209	1.195	(0.328)	1195	0.49715	0.43(aH)
	121 n-Pentane	72	1.374	1.353	(0.373)	4281	5.21644	4.5
	7 Acetone	43	1.646	1.646	(0.446)	898713	843.377	730
	142 Iodomethane	142	1.689	1.675	(0.458)	2173	0.53694	0.46(a)
	54 Hexane	56	2.219	2.205	(0.602)	14717	4.73916	4.1(H)
	18 2-Butanone	72	2.757	2.757	(0.747)	114389	345.296	300
	15 Chloroform	83	2.986	2.972	(0.810)	6004	1.10601	0.96
	59 Cyclohexane	56	3.143	3.136	(0.852)	10577	1.62526	1.4
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.387	3.380	(0.918)	101430	52.6167	45
	28 Benzene	78	3.423	3.416	(0.928)	10332	0.78611	0.68(a)
*	69 Fluorobenzene	96	3.688	3.674	(1.000)	560670	50.0000	
	25 Trichloroethene	95	4.032	4.025	(1.093)	11681	3.37962	2.9
	126 Methyl cyclohexane	83	4.204	4.197	(1.140)	26343	3.89651	3.4
	33 4-Methyl-2-Pentanone	43	5.285	5.285	(1.433)	161471	58.9907	51

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71650.d
Report Date: 27-Mar-2013 11:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.364	5.357	(0.741)	313493	55.3458	48
	38 Toluene	91	5.443	5.436	(0.752)	35013	3.16979	2.7
	35 Tetrachloroethene	166	6.109	6.102	(0.844)	69934	22.1727	19
	34 2-Hexanone	43	6.367	6.360	(0.879)	1074312	715.133	620
*	32 Chlorobenzene-d5	117	7.241	7.234	(1.000)	303795	50.0000	
	39 Chlorobenzene	112	7.284	7.277	(1.006)	13855	1.96130	1.7
	40 Ethylbenzene	106	7.477	7.477	(1.033)	4130	1.04581	0.90
	43 m+p-Xylene	106	7.663	7.656	(1.058)	7846	1.62713	1.4(a)
	44 o-Xylene	106	8.244	8.229	(1.138)	4869	1.03119	0.89
$	41 Bromofluorobenzene (SUR)	174	9.053	9.039	(0.828)	85041	30.8362	27(R)
	67 1,3-Dichlorobenzene	146	10.801	10.772	(0.988)	17199	2.67277	2.3
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.901	(1.000)	175794	50.0000	
	68 1,4-Dichlorobenzene	146	10.965	10.937	(1.003)	94230	14.3593	12
	69 1,2-Dichlorobenzene	146	11.510	11.481	(1.052)	13016	2.15995	1.9
	93 1,2,4-Trichlorobenzene	180	13.272	13.251	(1.214)	1735073	350.499	300
	98 1,2,3-Trichlorobenzene	180	13.673	13.666	(1.250)	224670	51.0790	44
M	45 Xylene (Total)	100				12715	2.65528	2.3(a)

QC Flag Legend

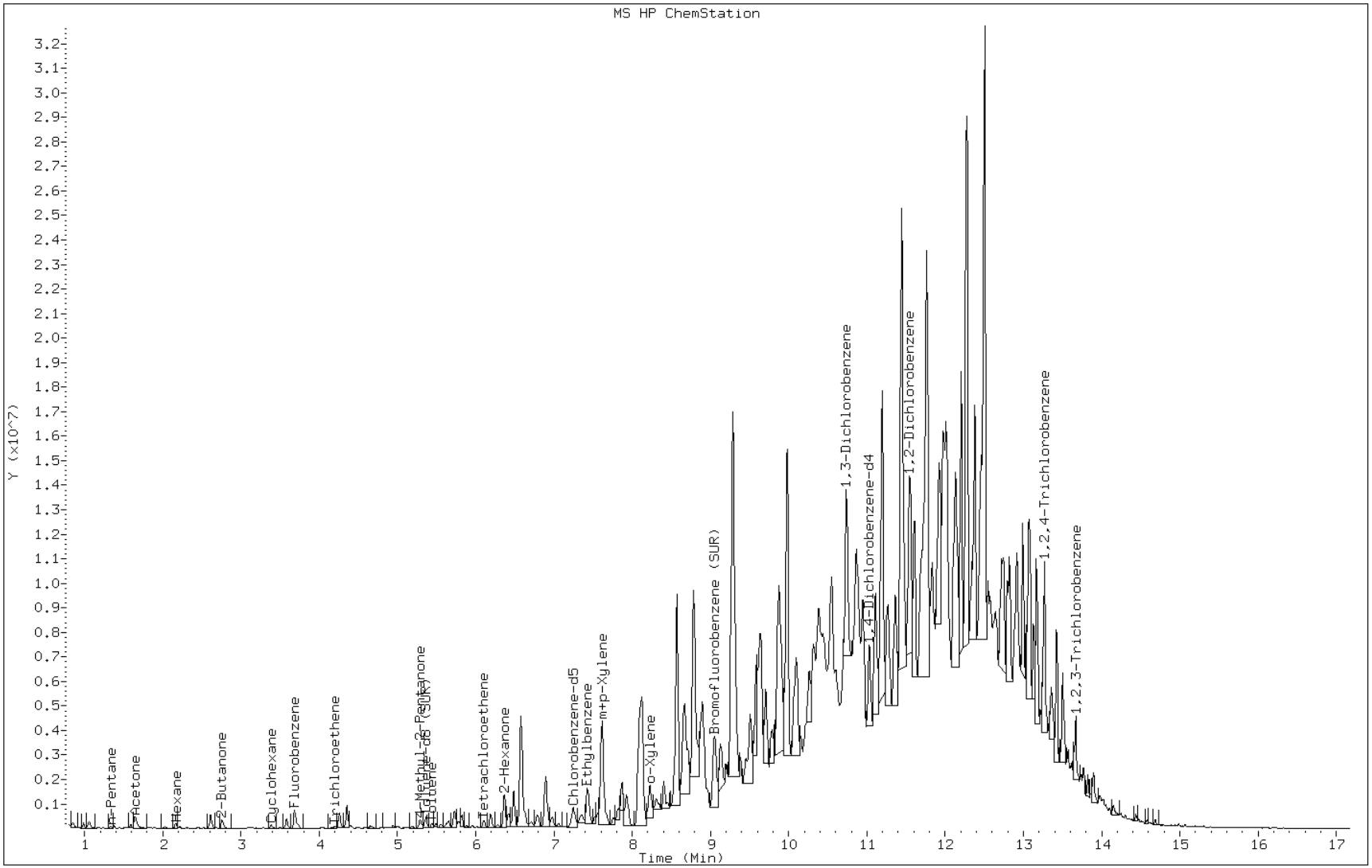
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9



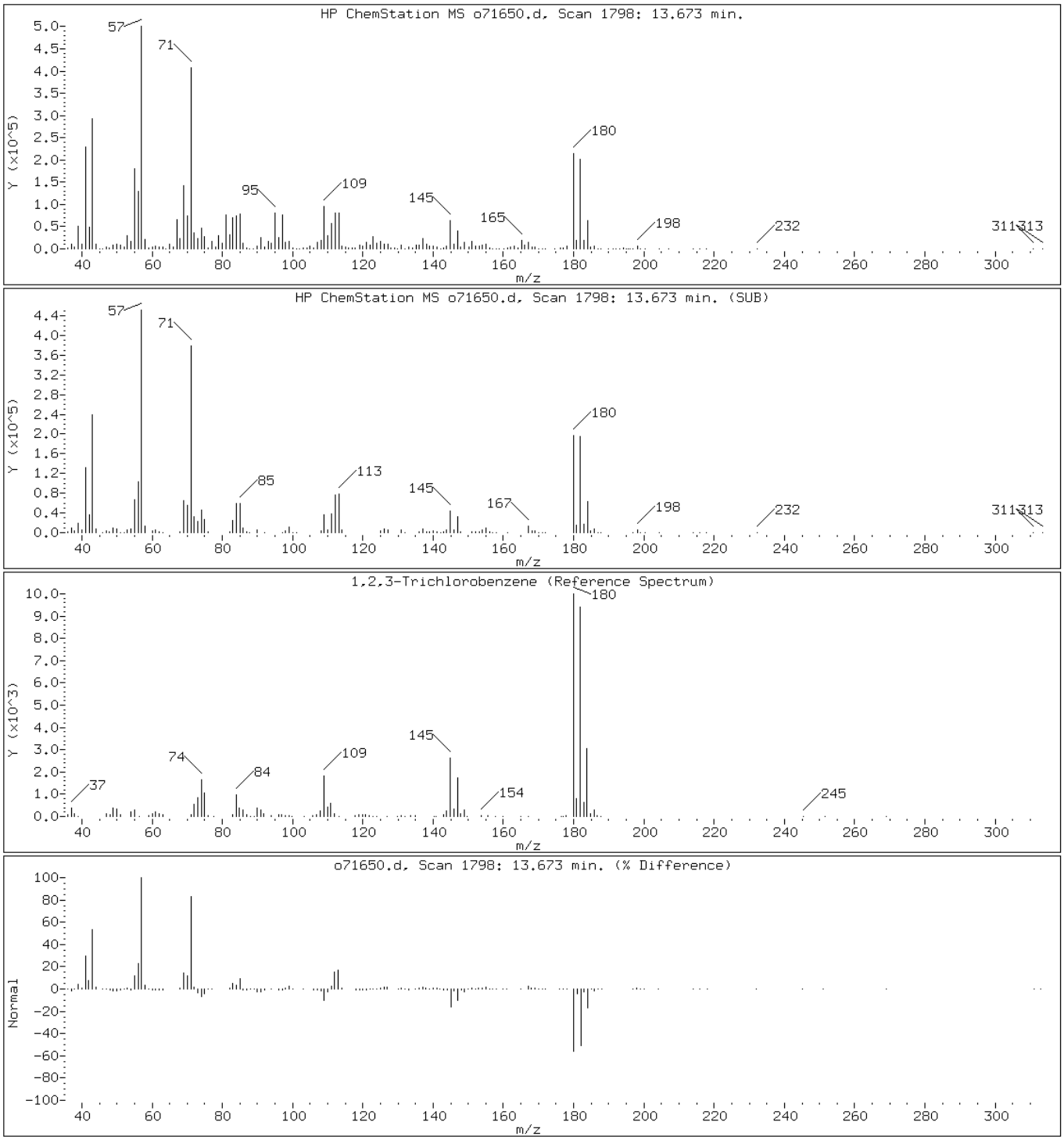
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



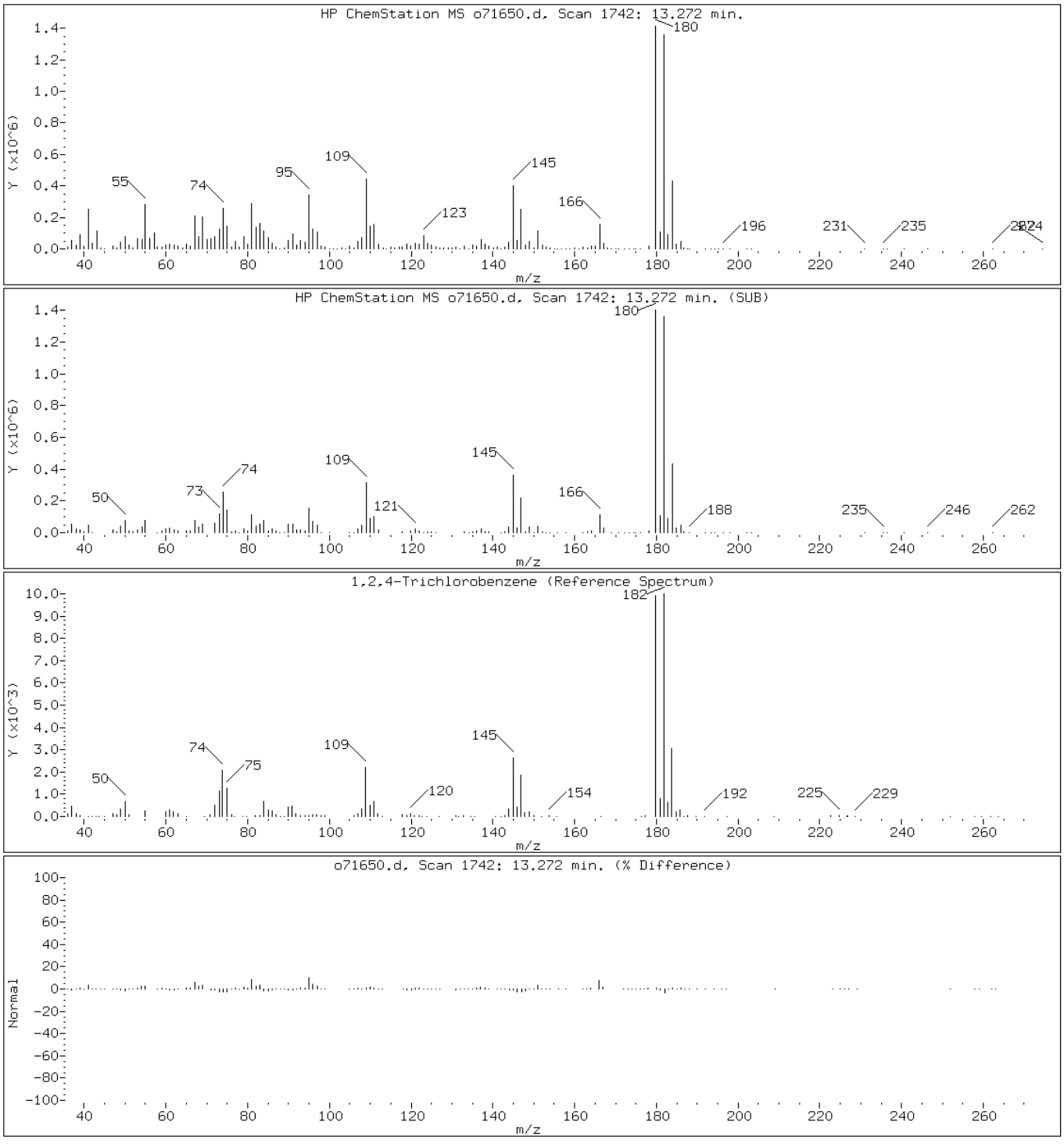
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



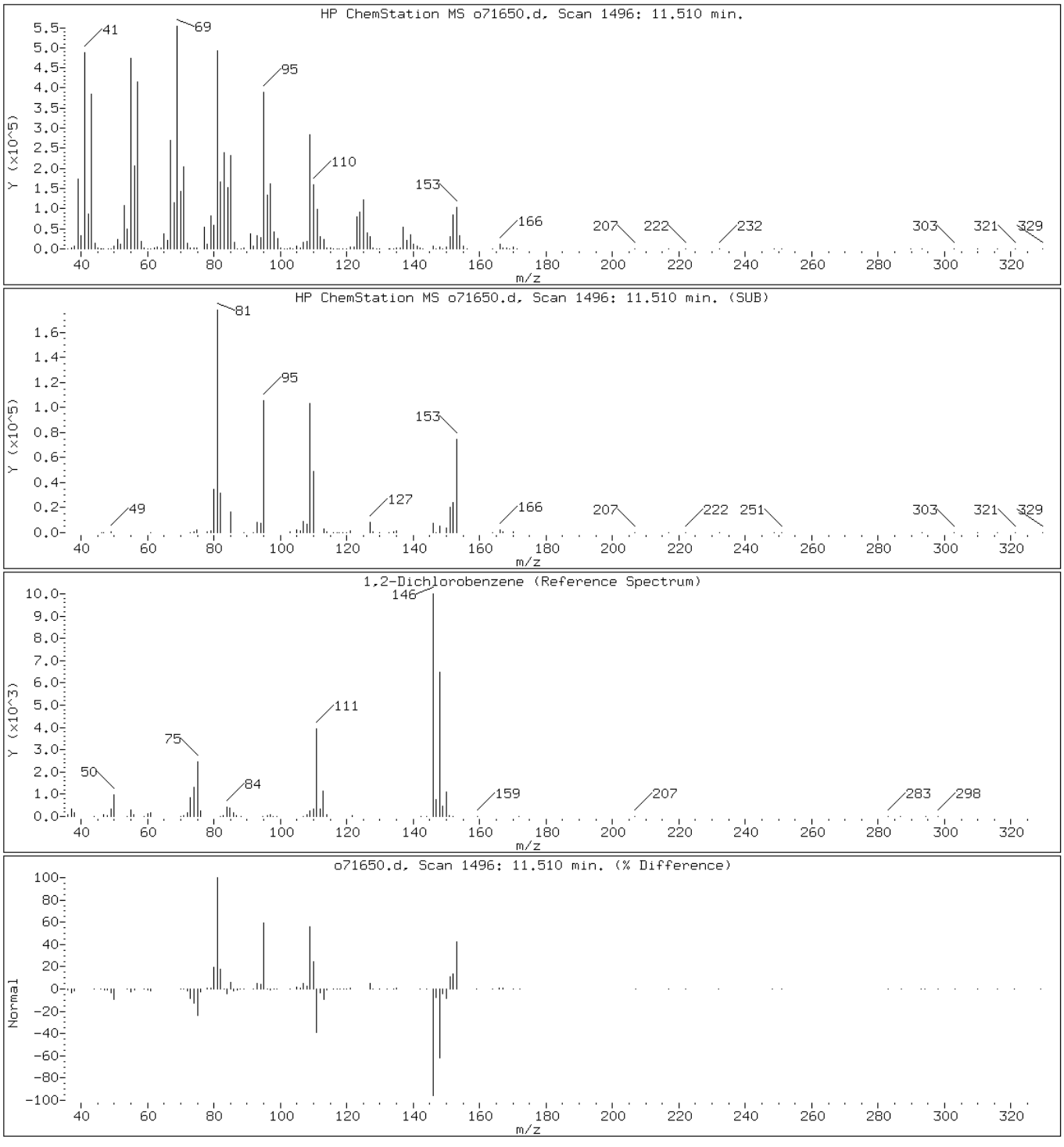
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



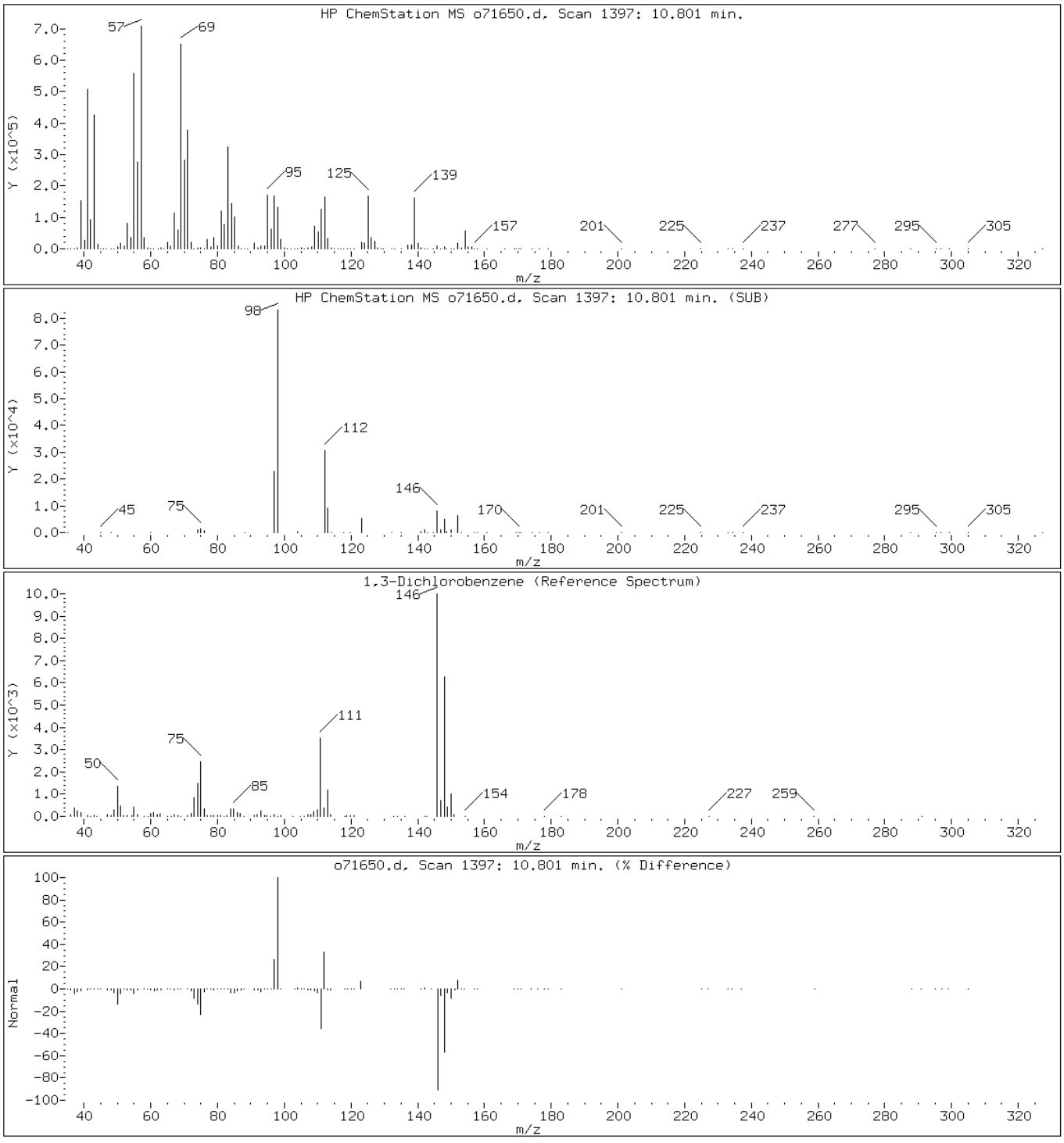
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



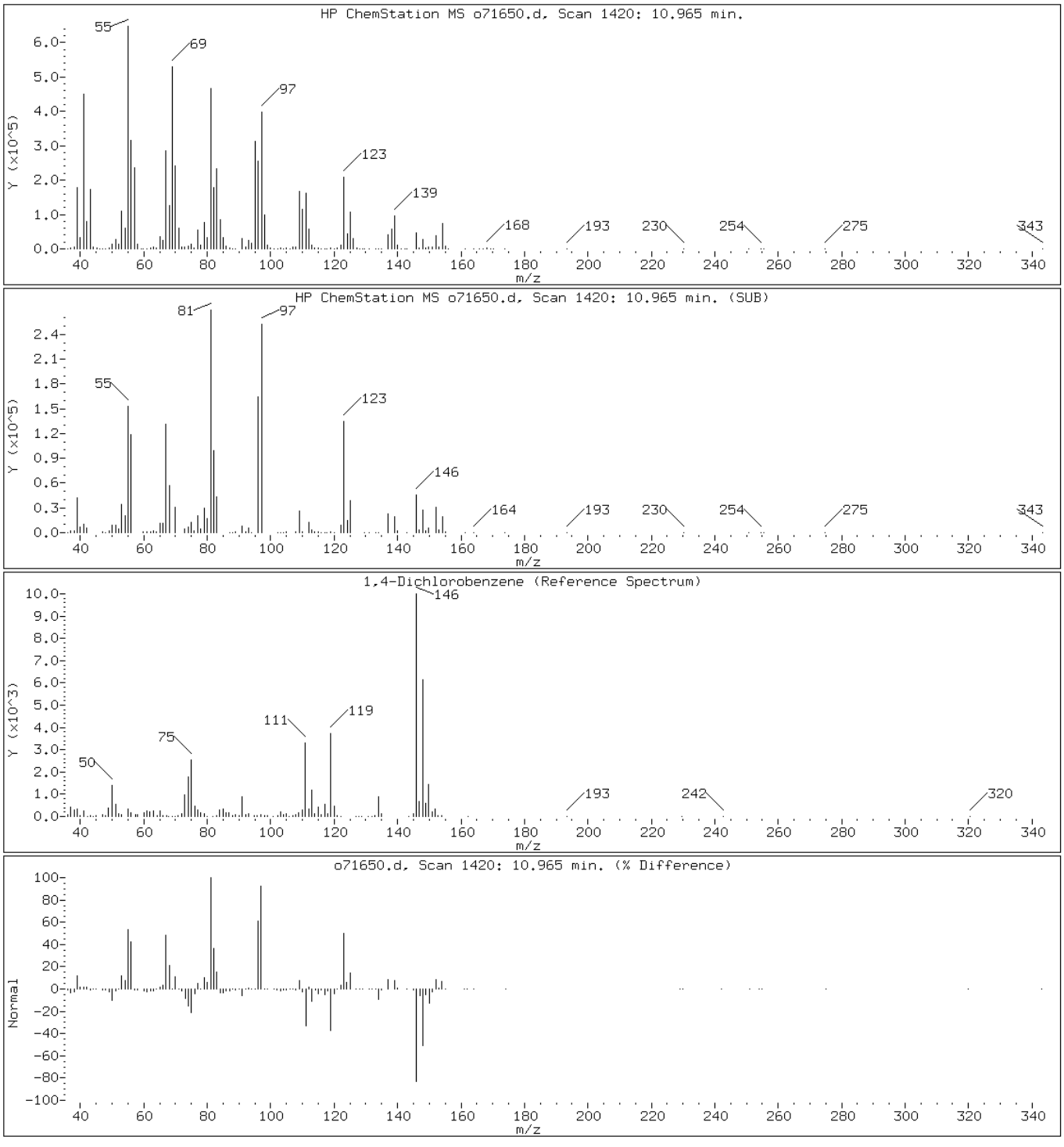
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



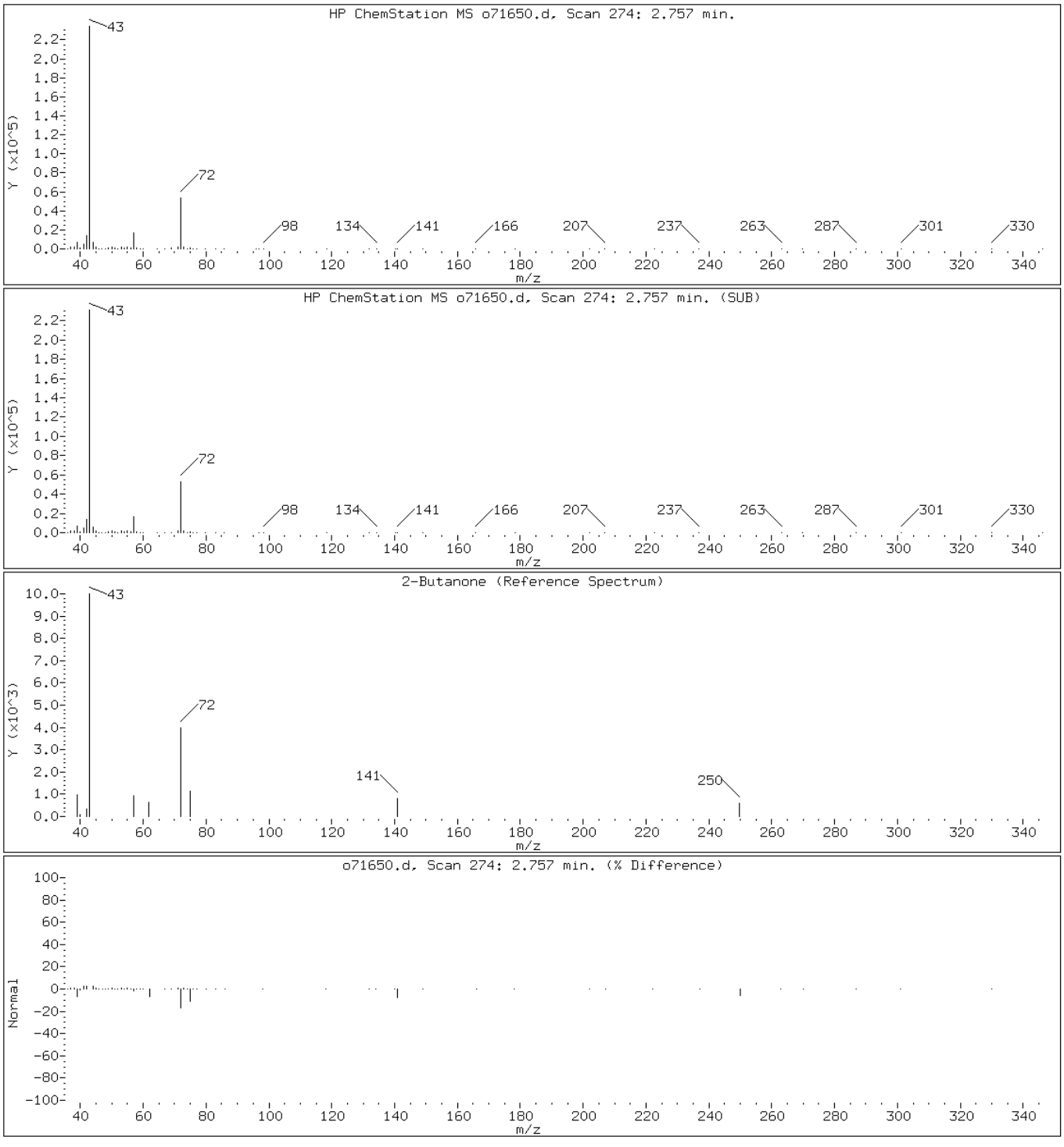
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

18 2-Butanone



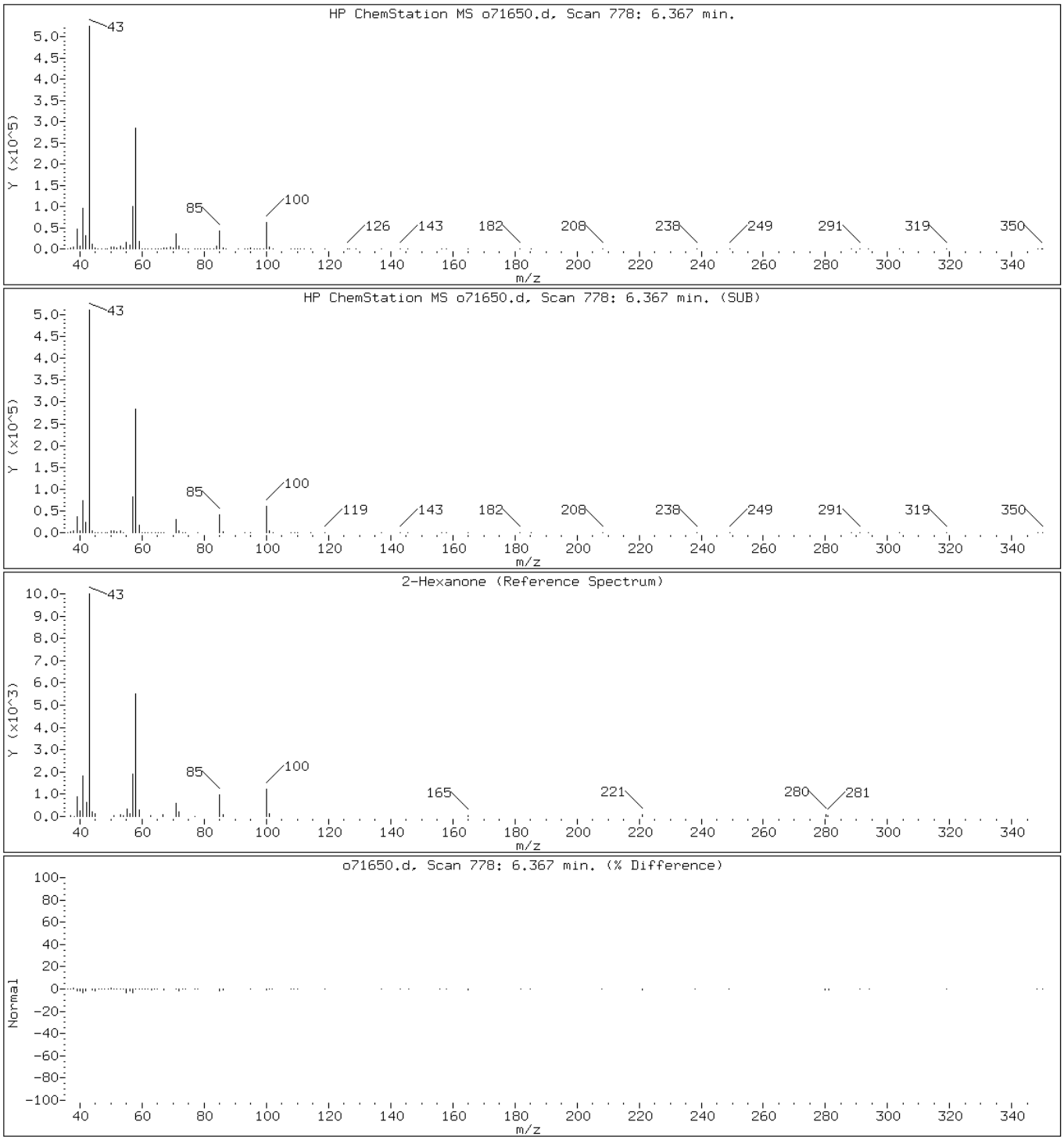
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

34 2-Hexanone



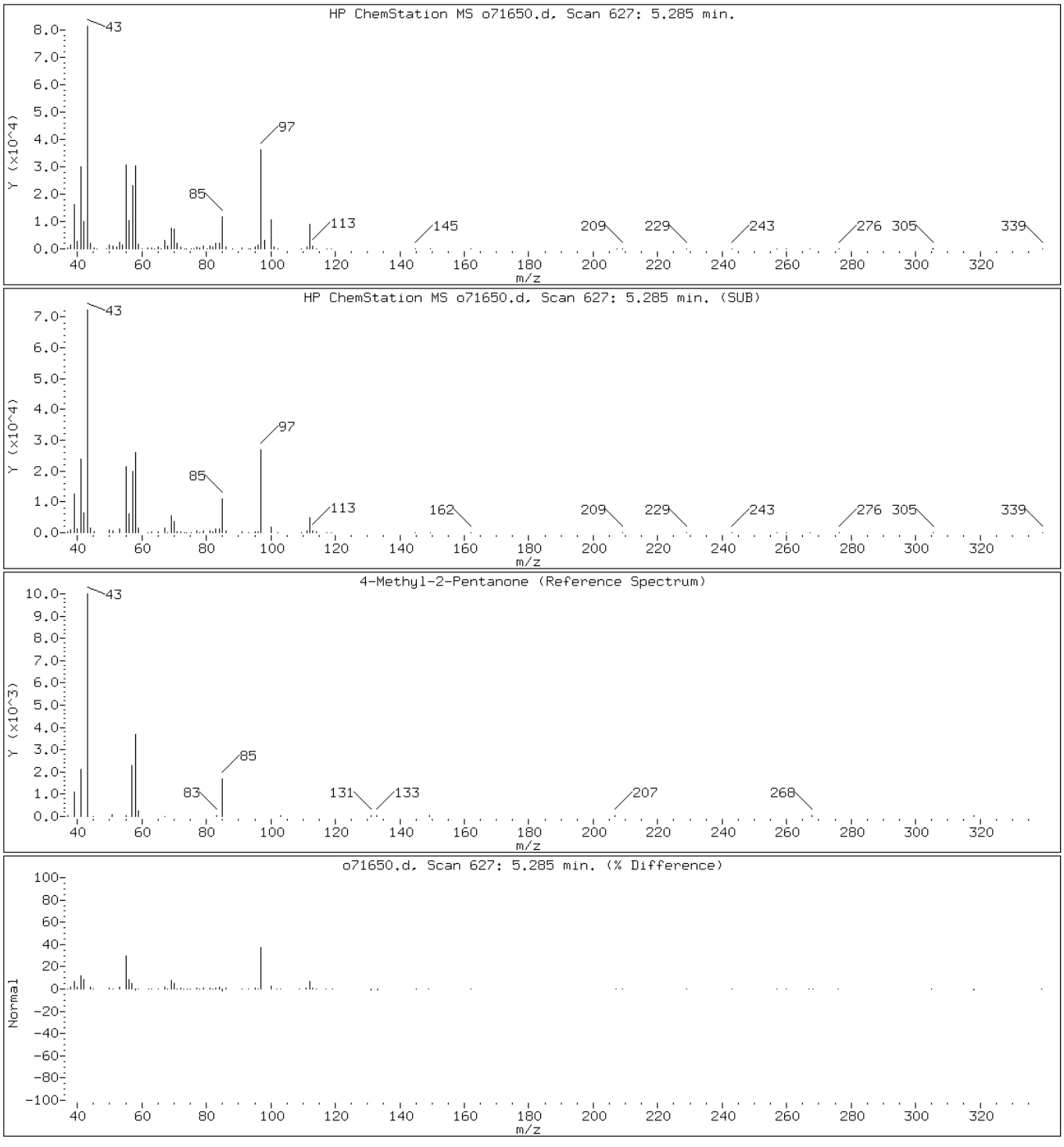
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



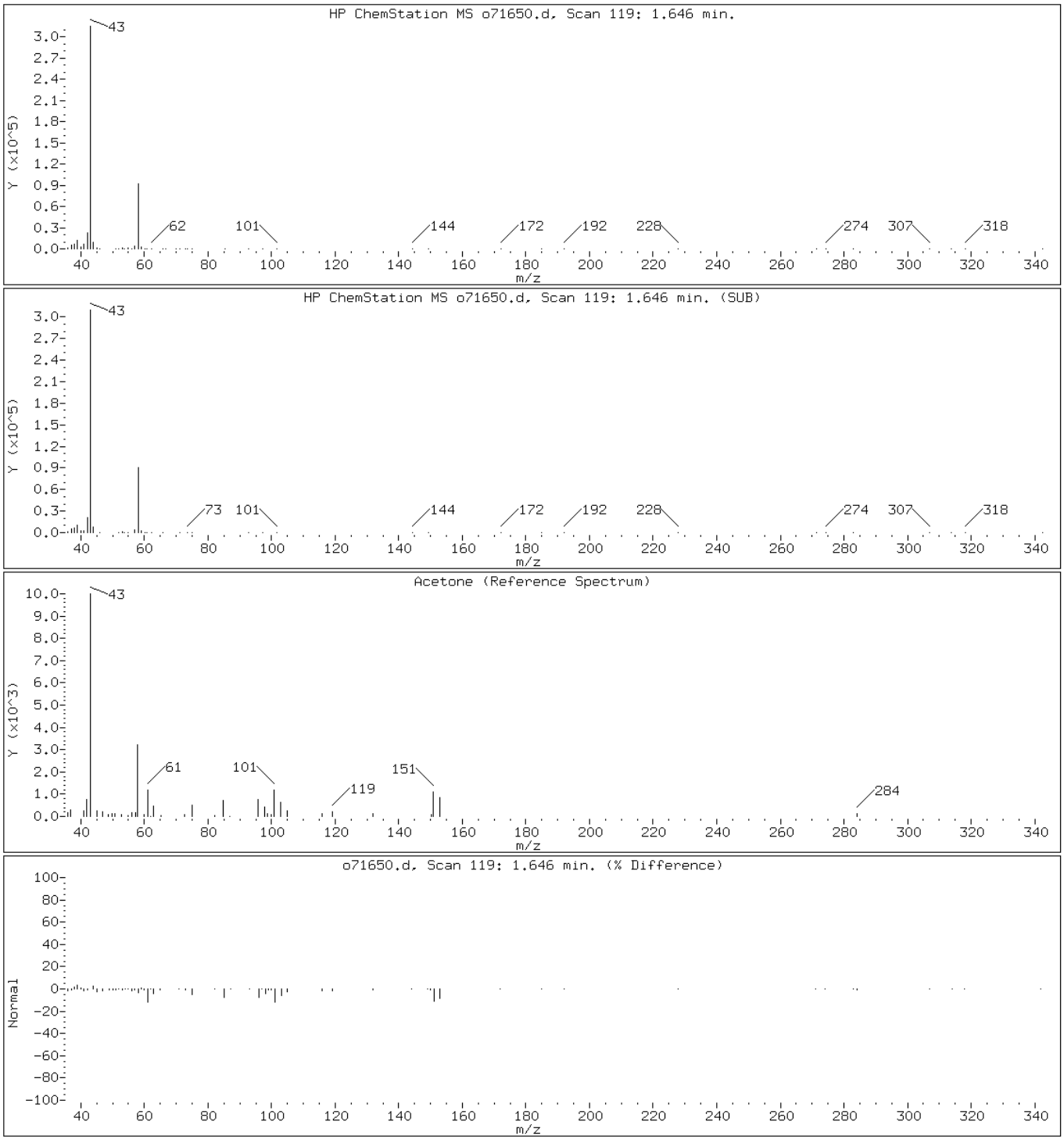
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

7 Acetone



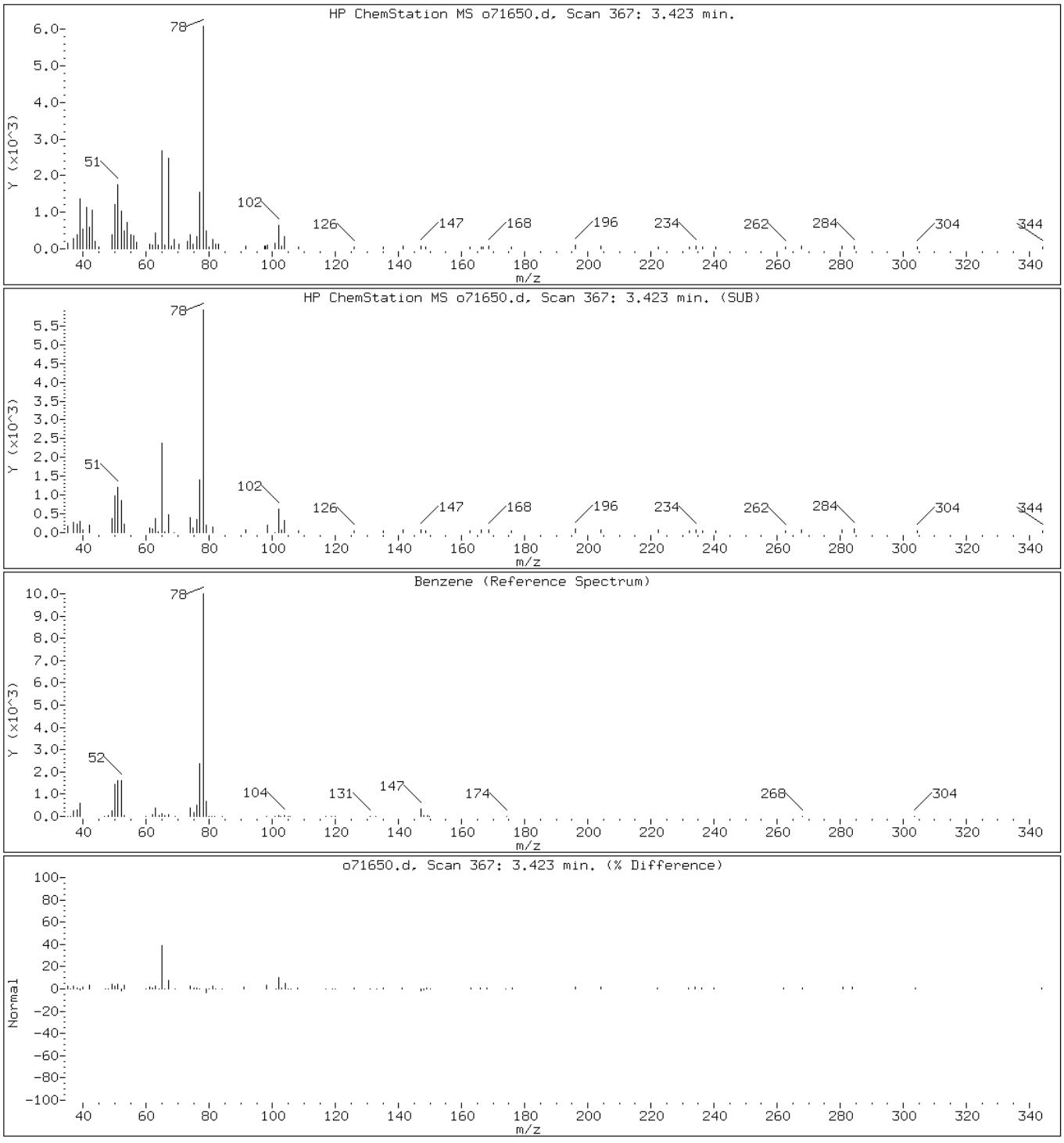
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

28 Benzene



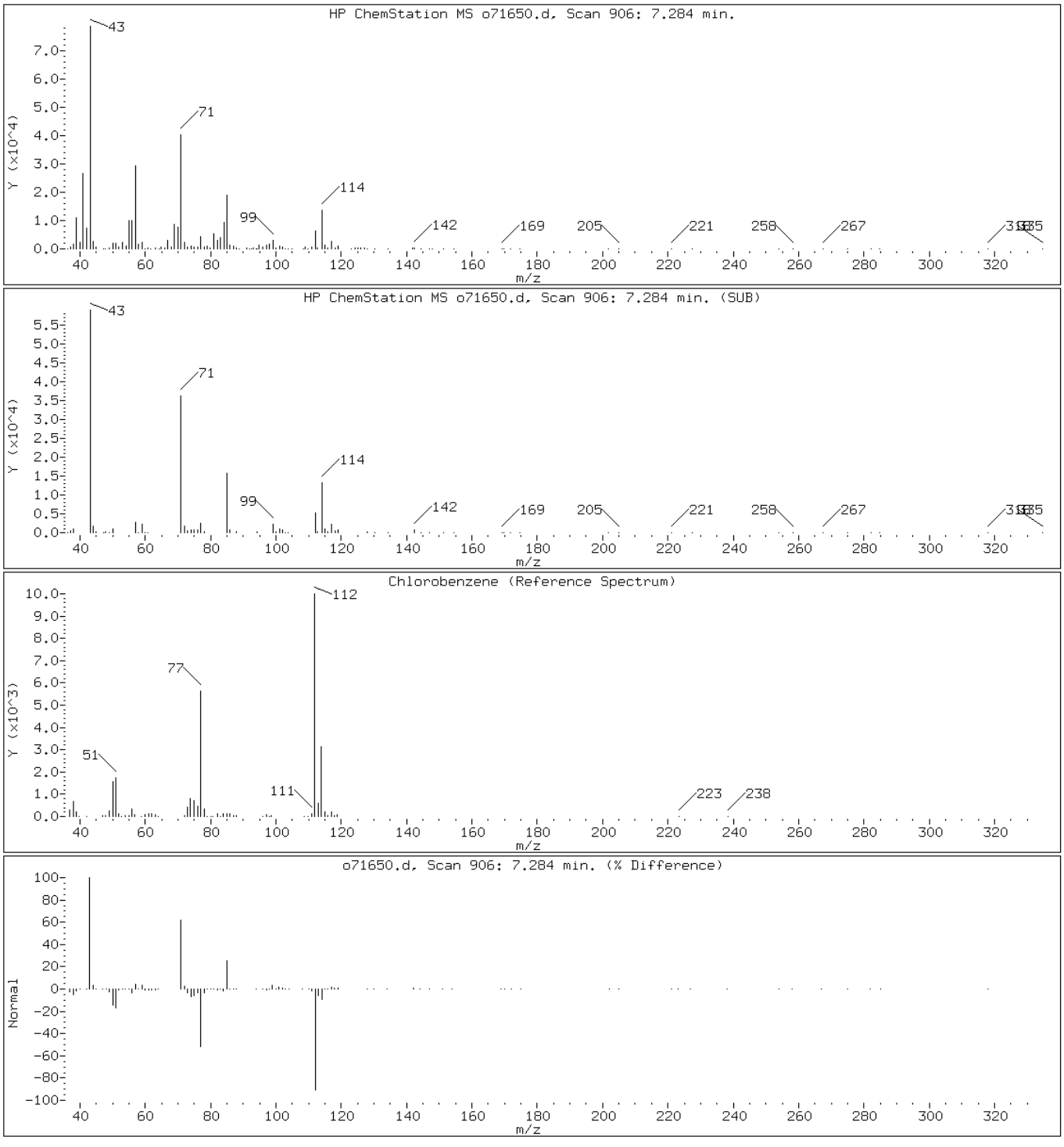
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

39 Chlorobenzene



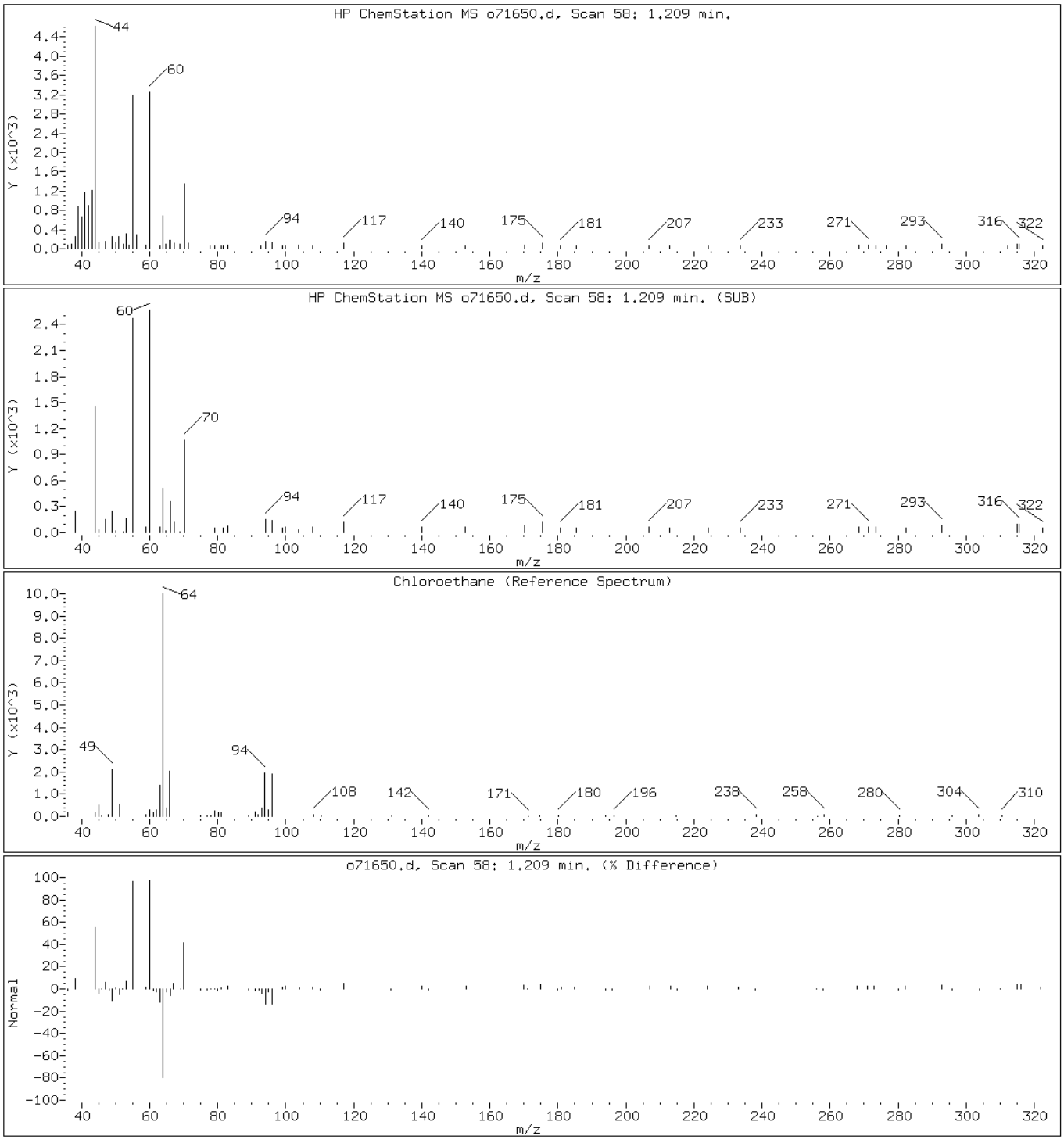
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

5 Chloroethane



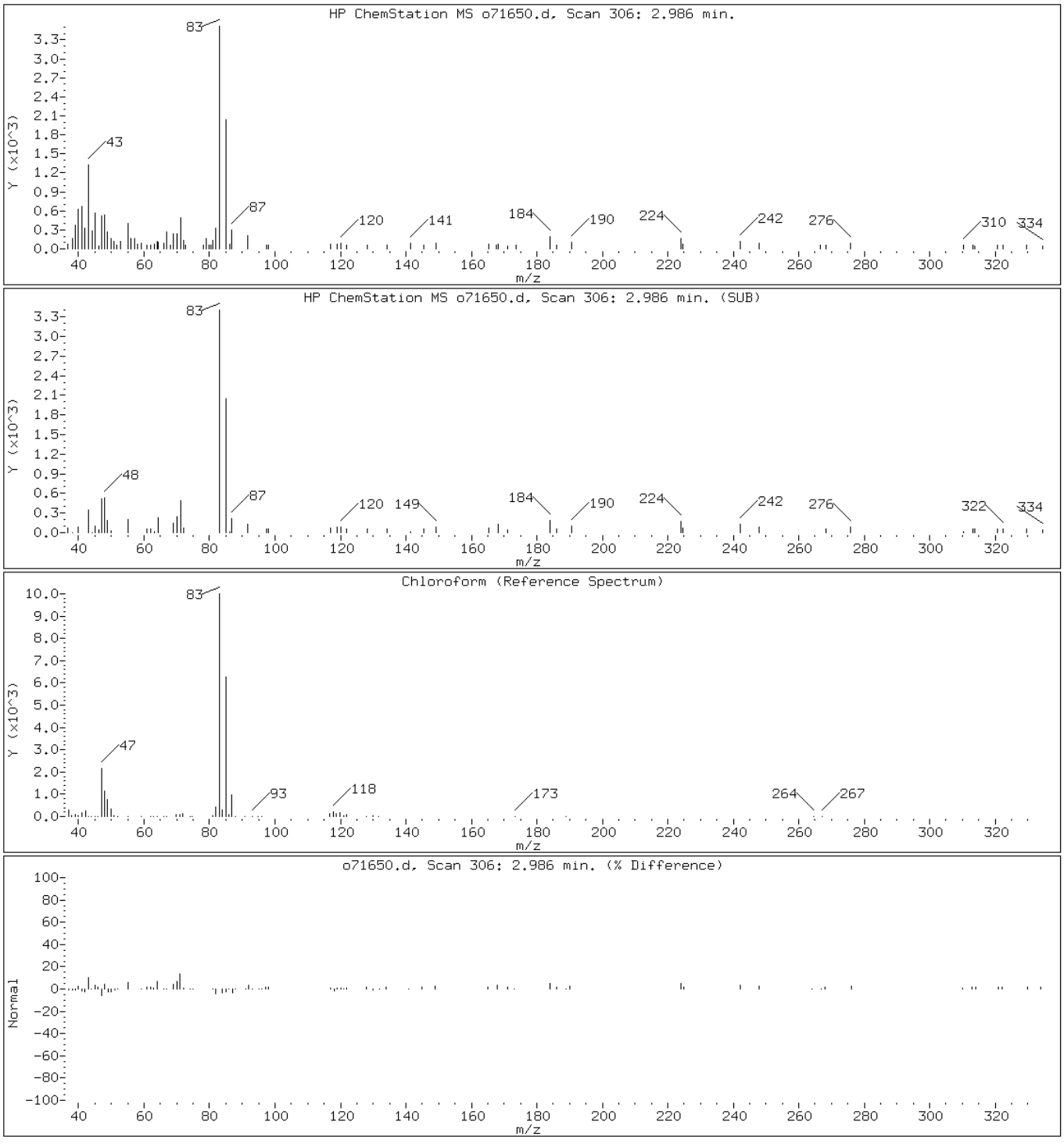
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

15 Chloroform



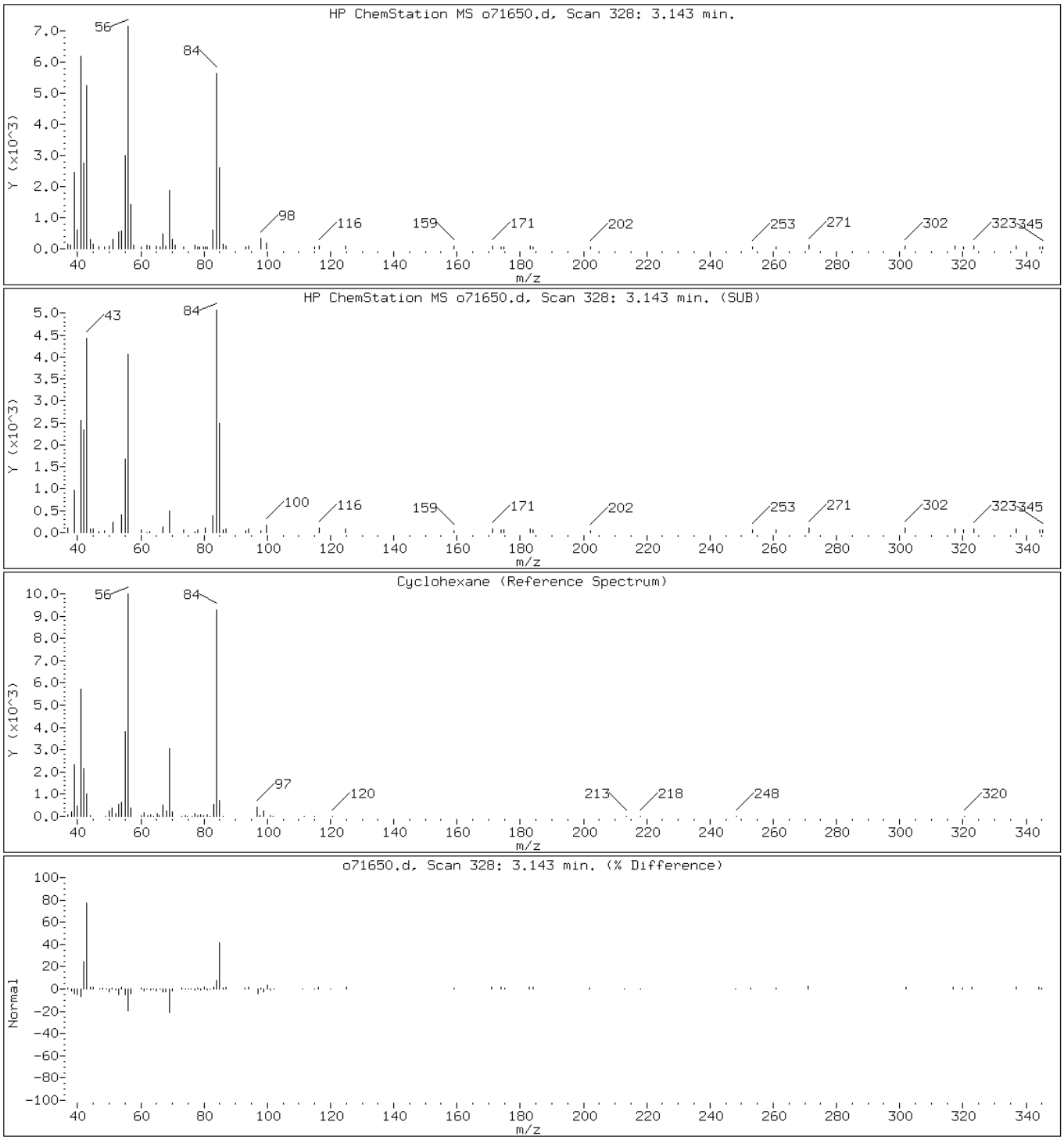
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

59 Cyclohexane



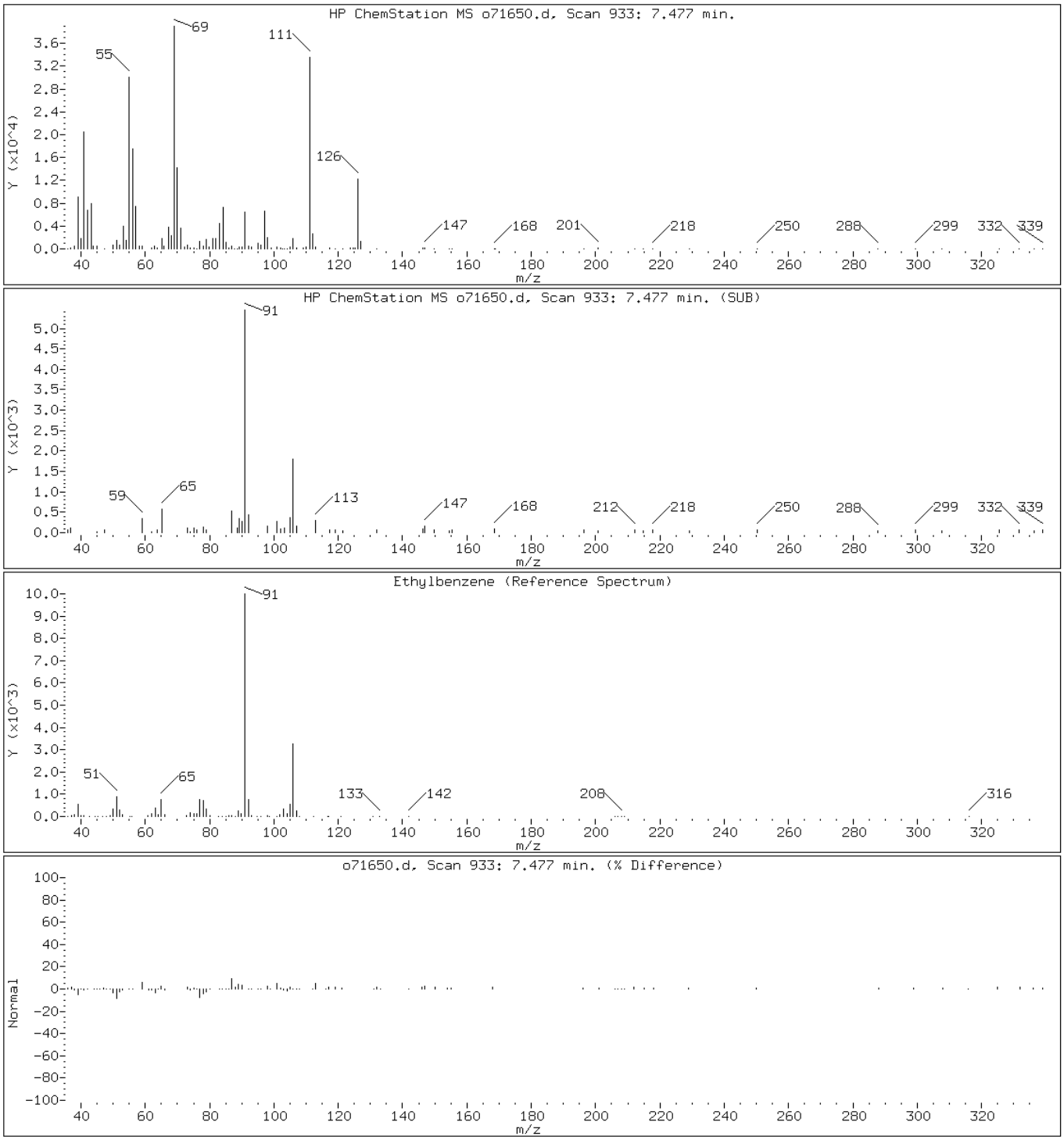
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

40 Ethylbenzene



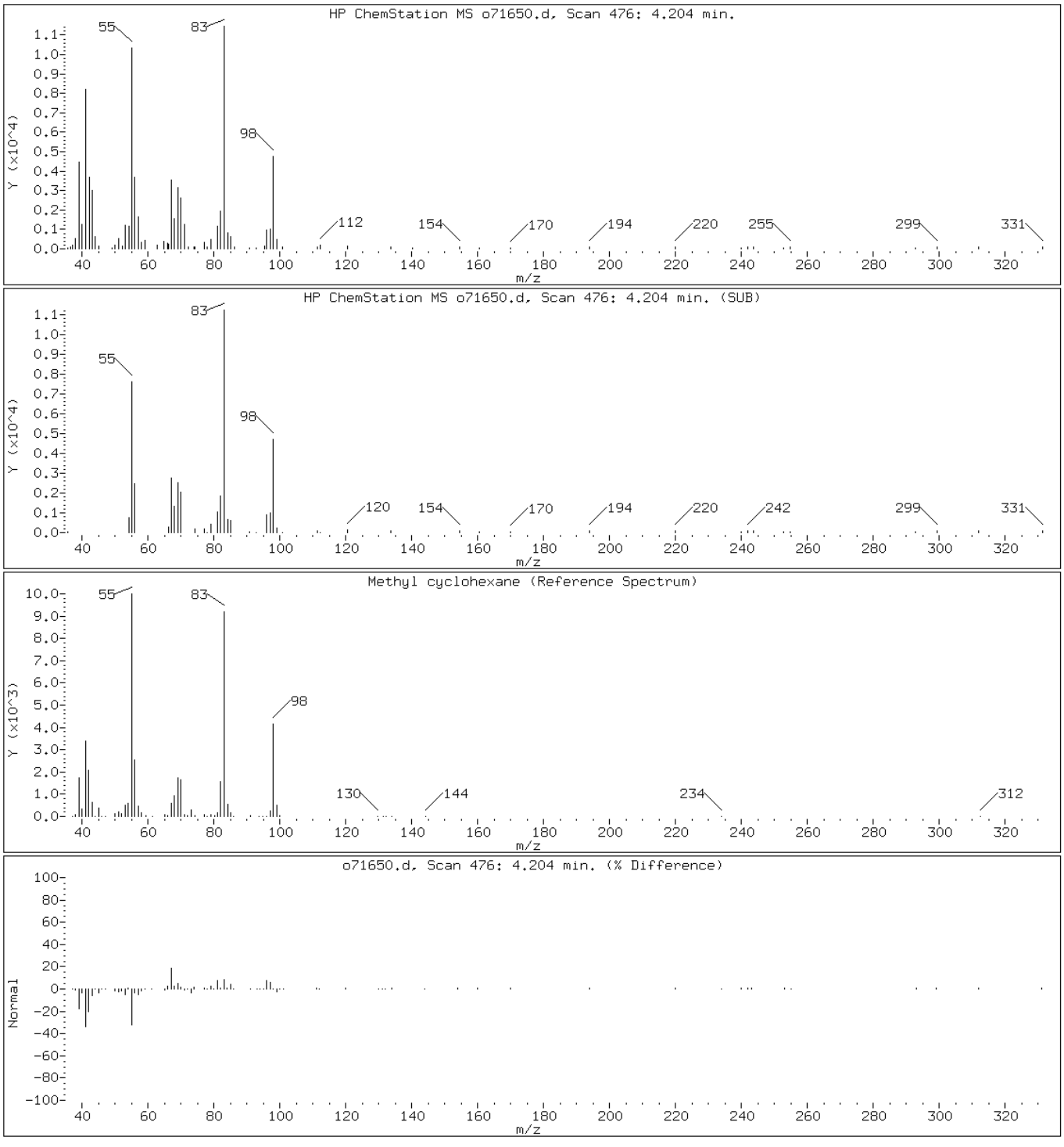
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

126 Methyl cyclohexane



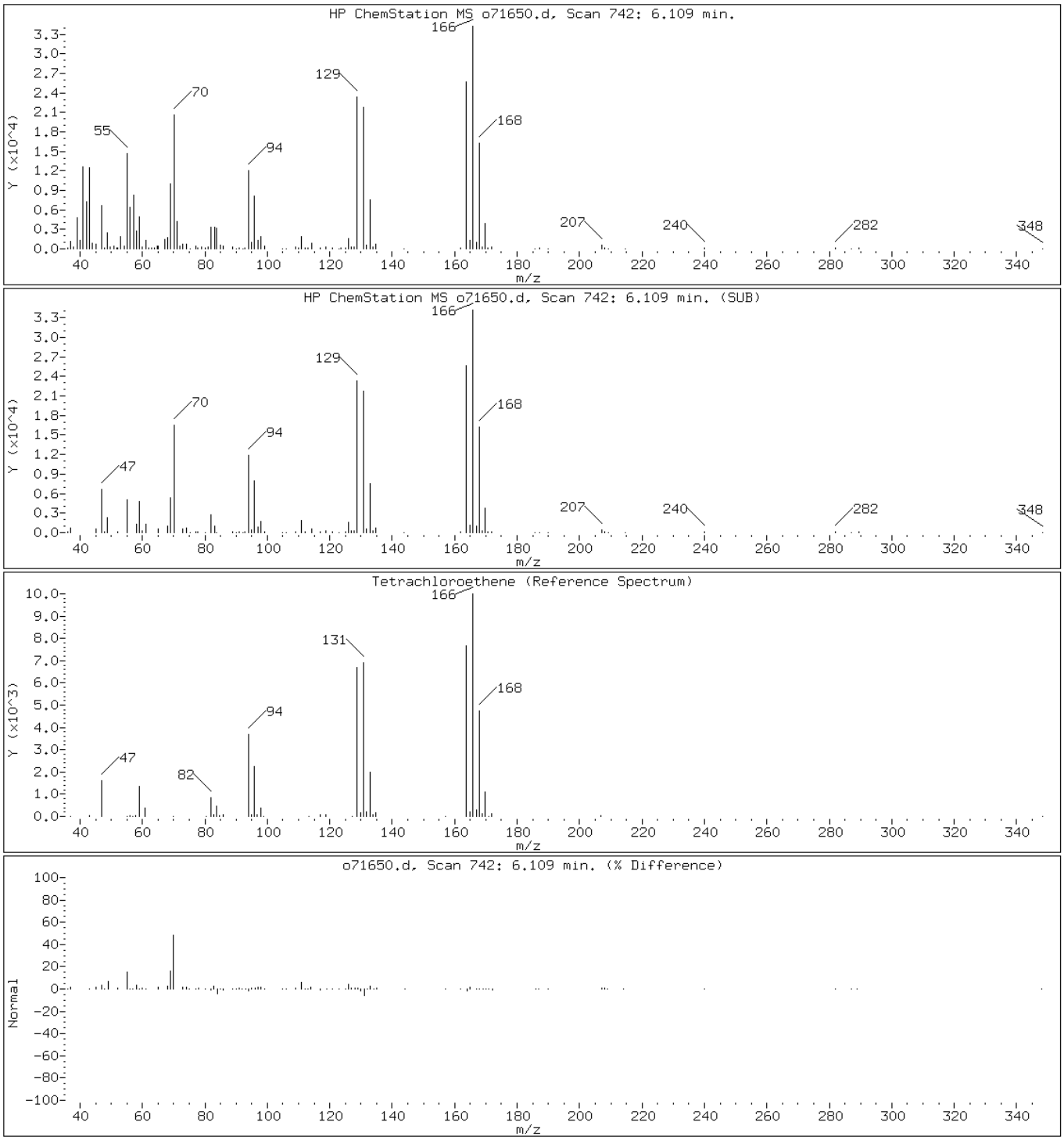
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

35 Tetrachloroethene



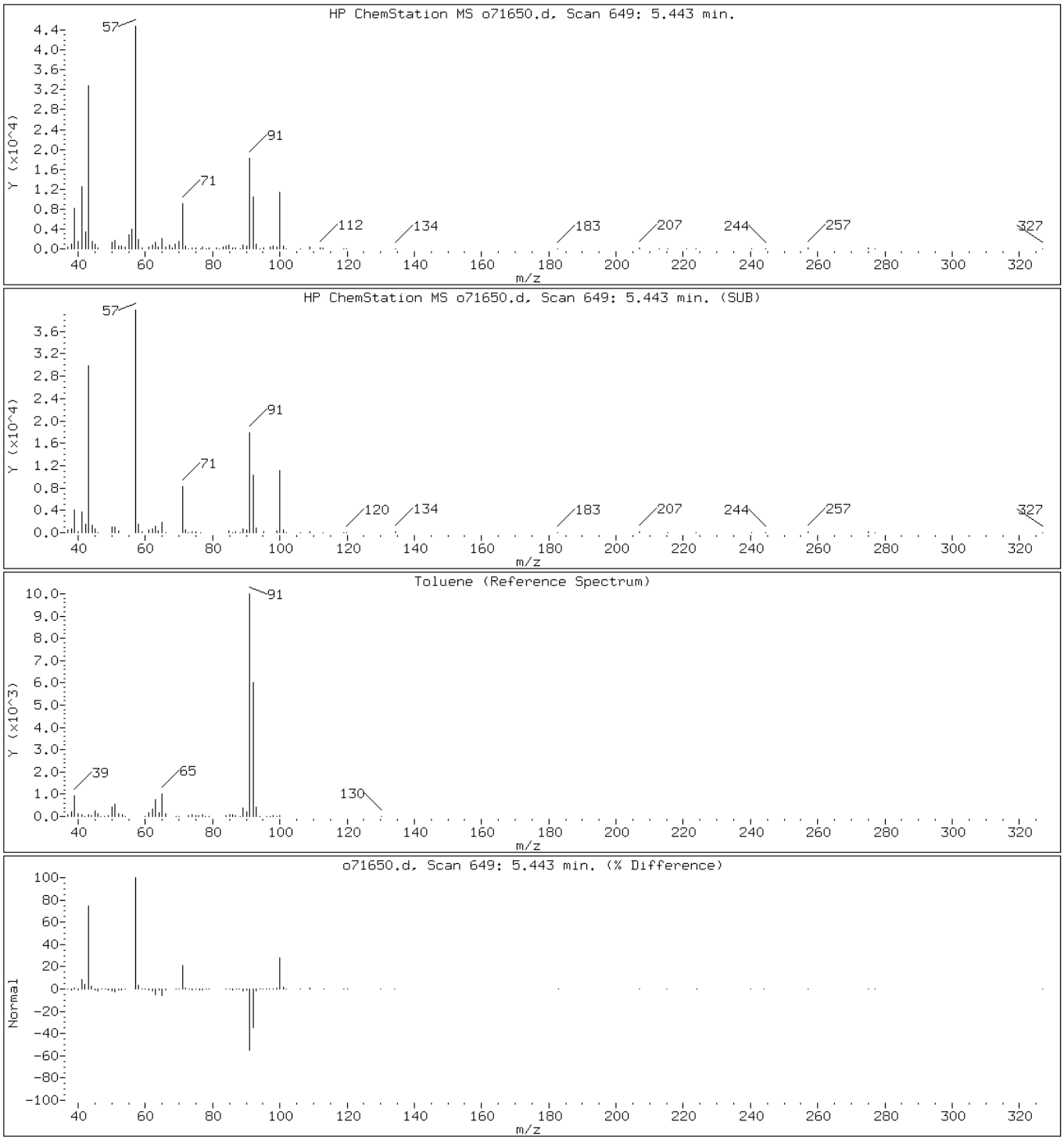
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

38 Toluene



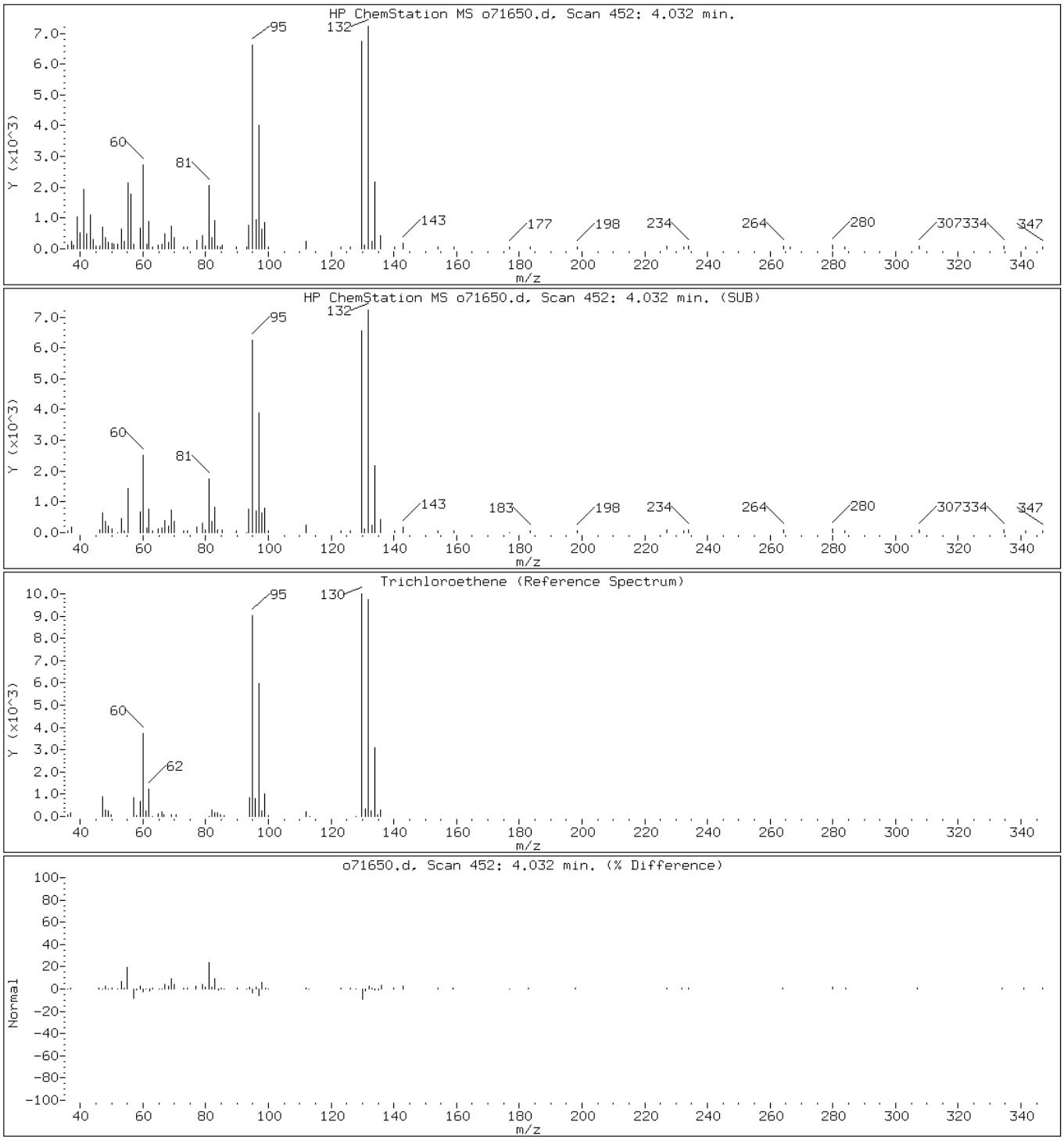
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

25 Trichloroethene



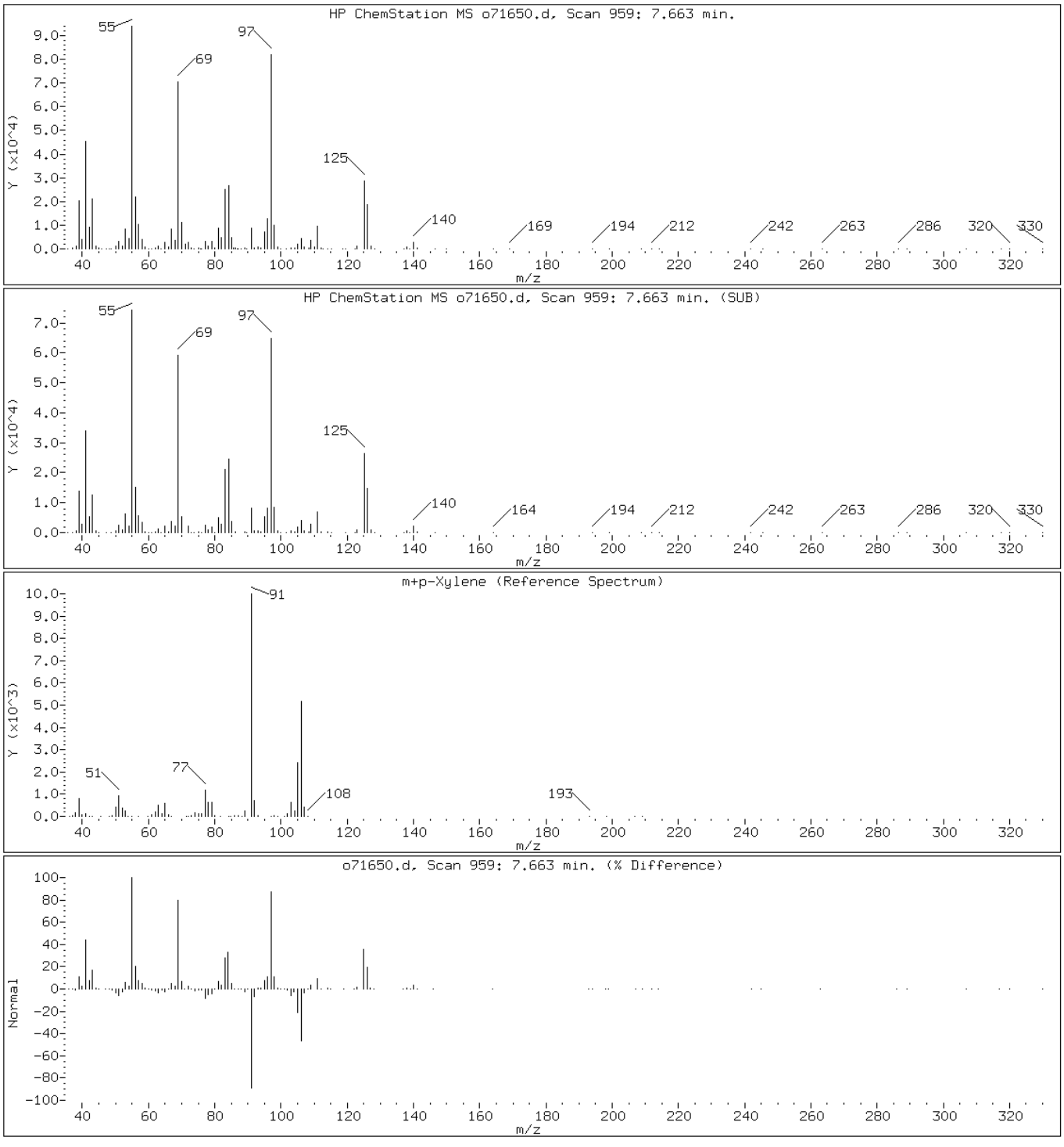
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

43 m+p-Xylene



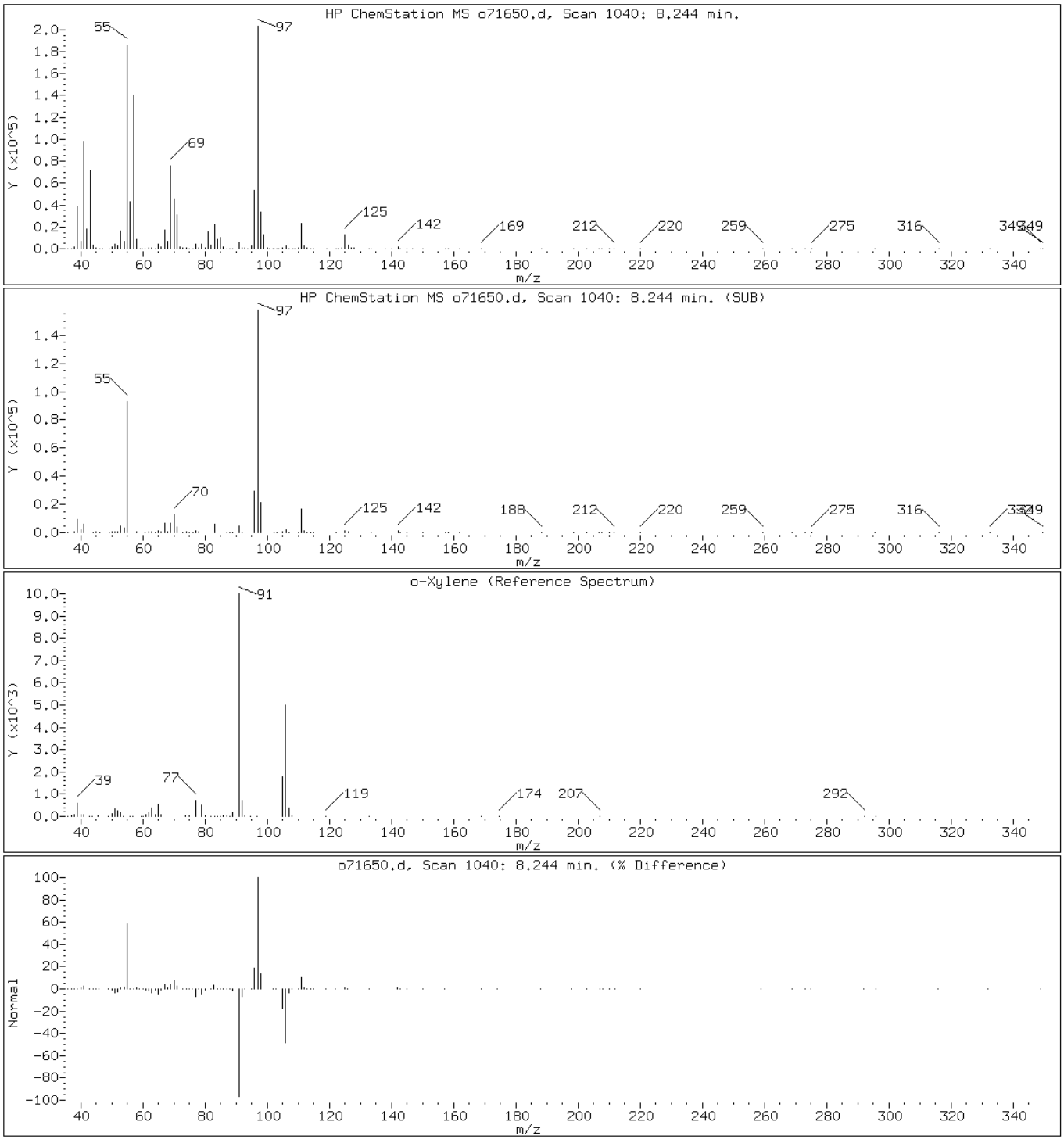
Data File: o71650.d

Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

44 o-Xylene



Data File: o71650.d

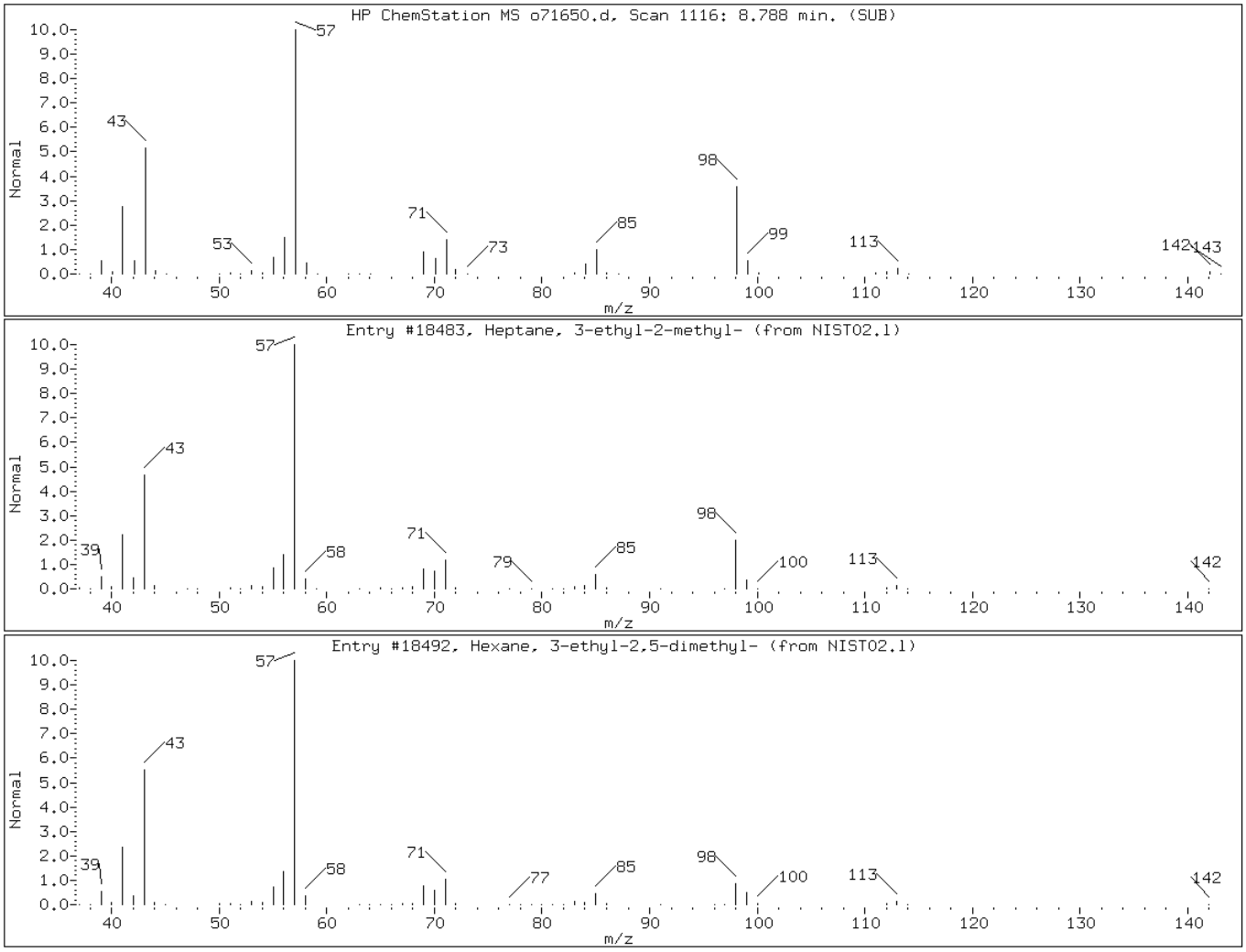
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptane, 3-ethyl-2-methyl-	14676-29-0	NIST02.l	18483	64	C10H22	142
Hexane, 3-ethyl-2,5-dimethyl-	52897-04-8	NIST02.l	18492	53	C10H22	142



Data File: o71650.d

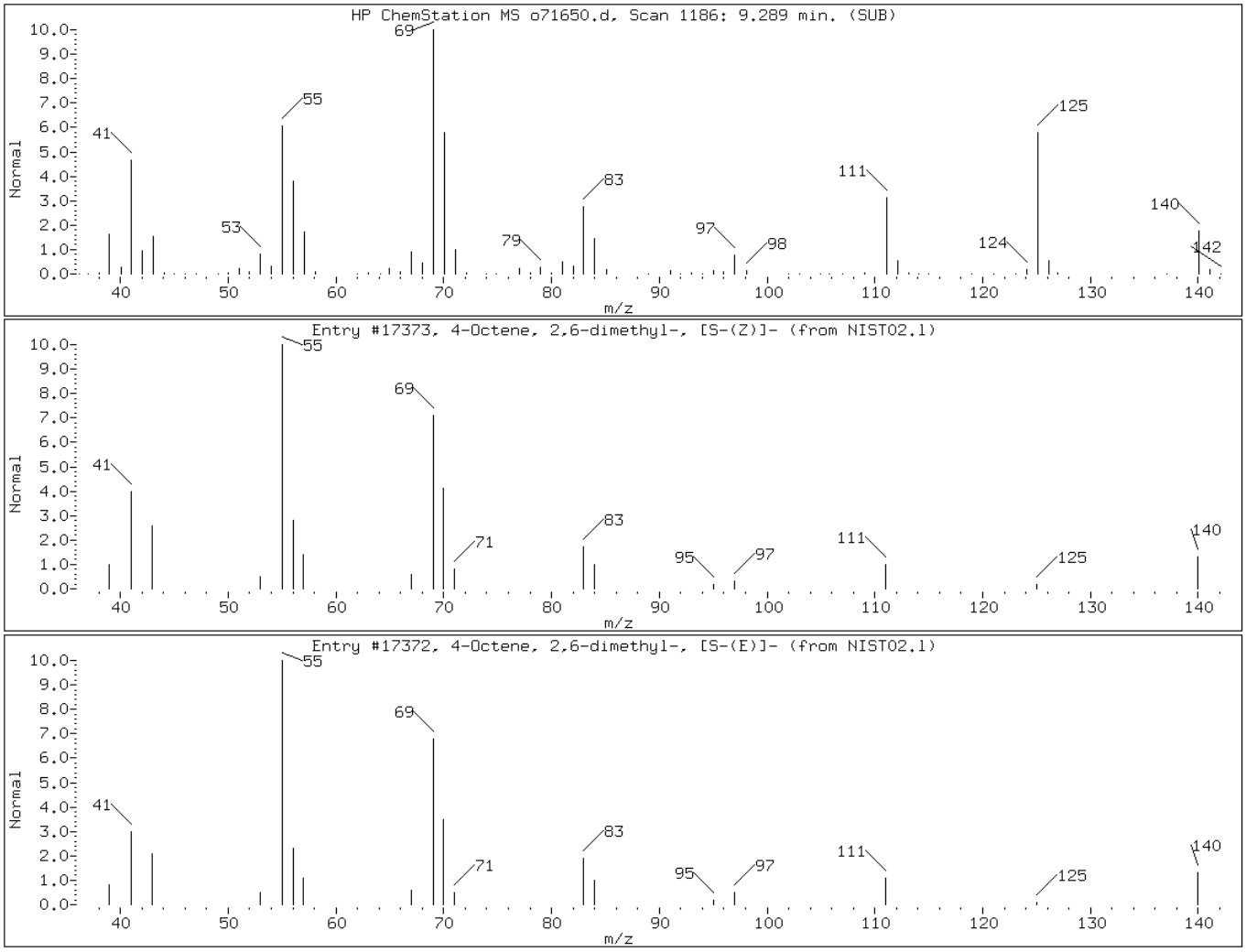
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 9.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Alkene						
4-Octene, 2,6-dimethyl-, [S-(Z)]-	62960-77-4	NIST02.l	17373	76	C10H20	140
4-Octene, 2,6-dimethyl-, [S-(E)]-	62960-76-3	NIST02.l	17372	76	C10H20	140



Data File: o71650.d

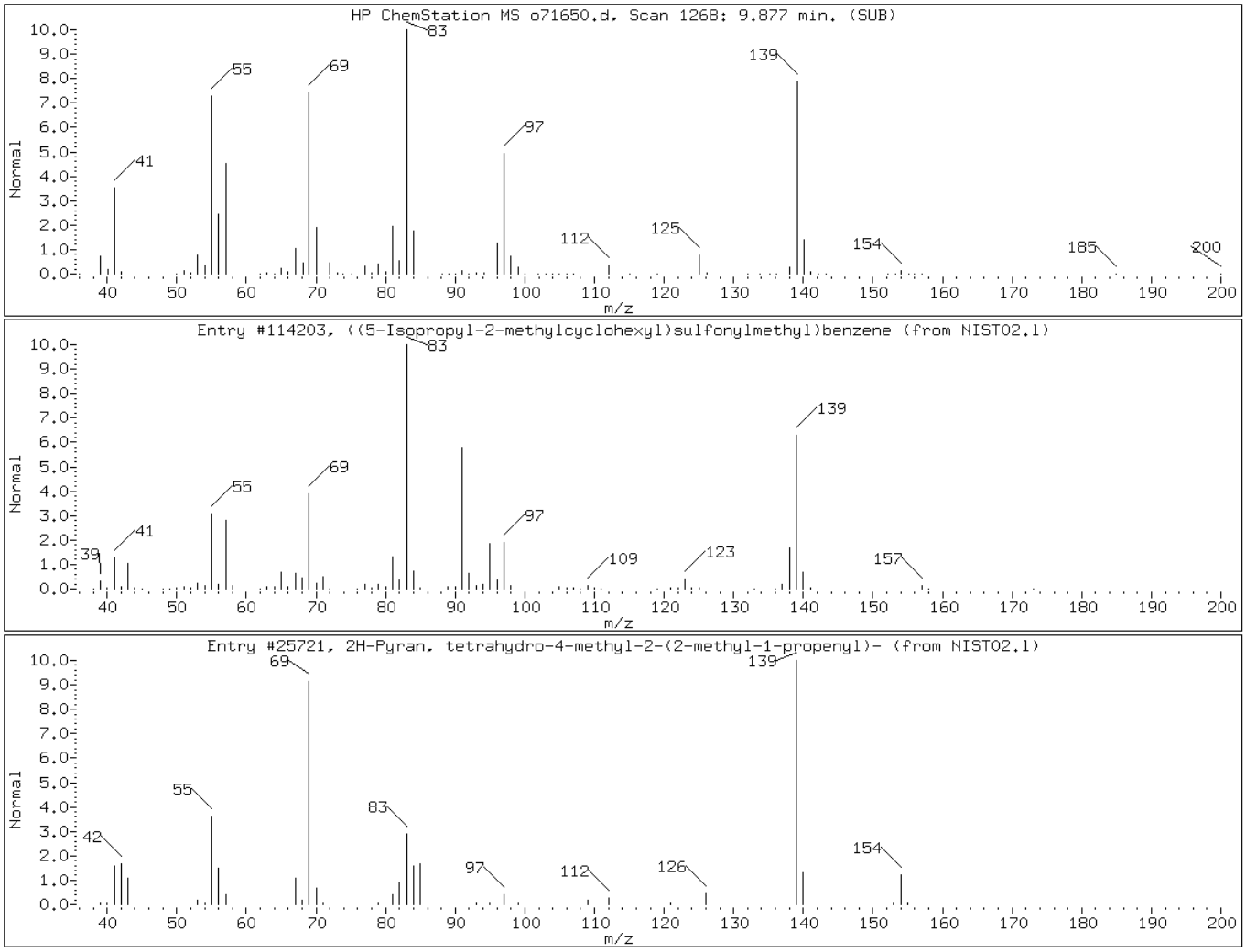
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 9.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
((5-Isopropyl-2-methylcyclohexyl)s	93542-25-7	NIST02.l	114203	53	C17H26O2S	294
2H-Pyran, tetrahydro-4-methyl-2-(2	16409-43-1	NIST02.l	25721	47	C10H18O	154



Data File: o71650.d

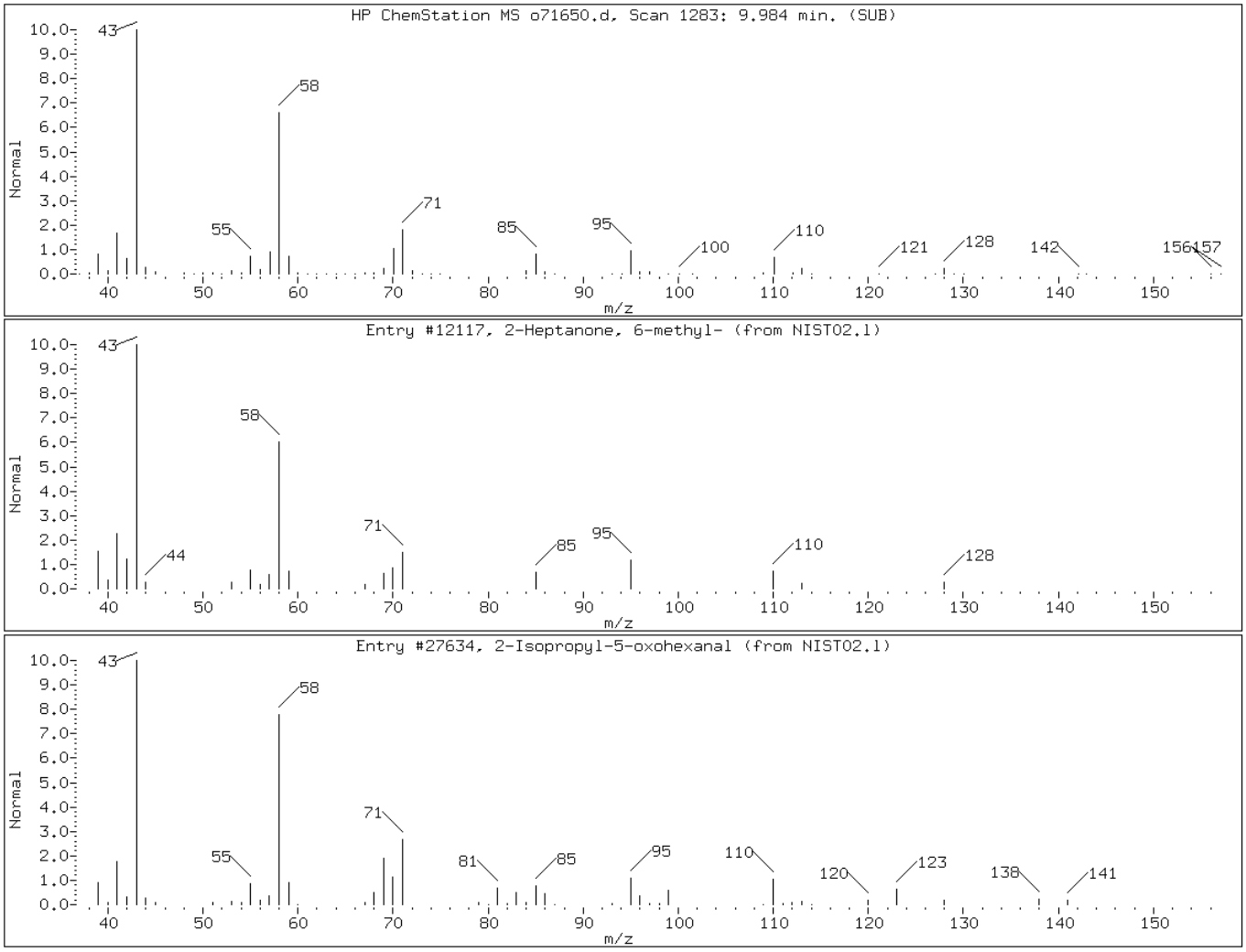
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 9.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Ketone						
2-Heptanone, 6-methyl-	928-68-7	NIST02.l	12117	91	C8H16O	128
2-Isopropyl-5-oxohexanal	15303-46-5	NIST02.l	27634	56	C9H16O2	156



Data File: o71650.d

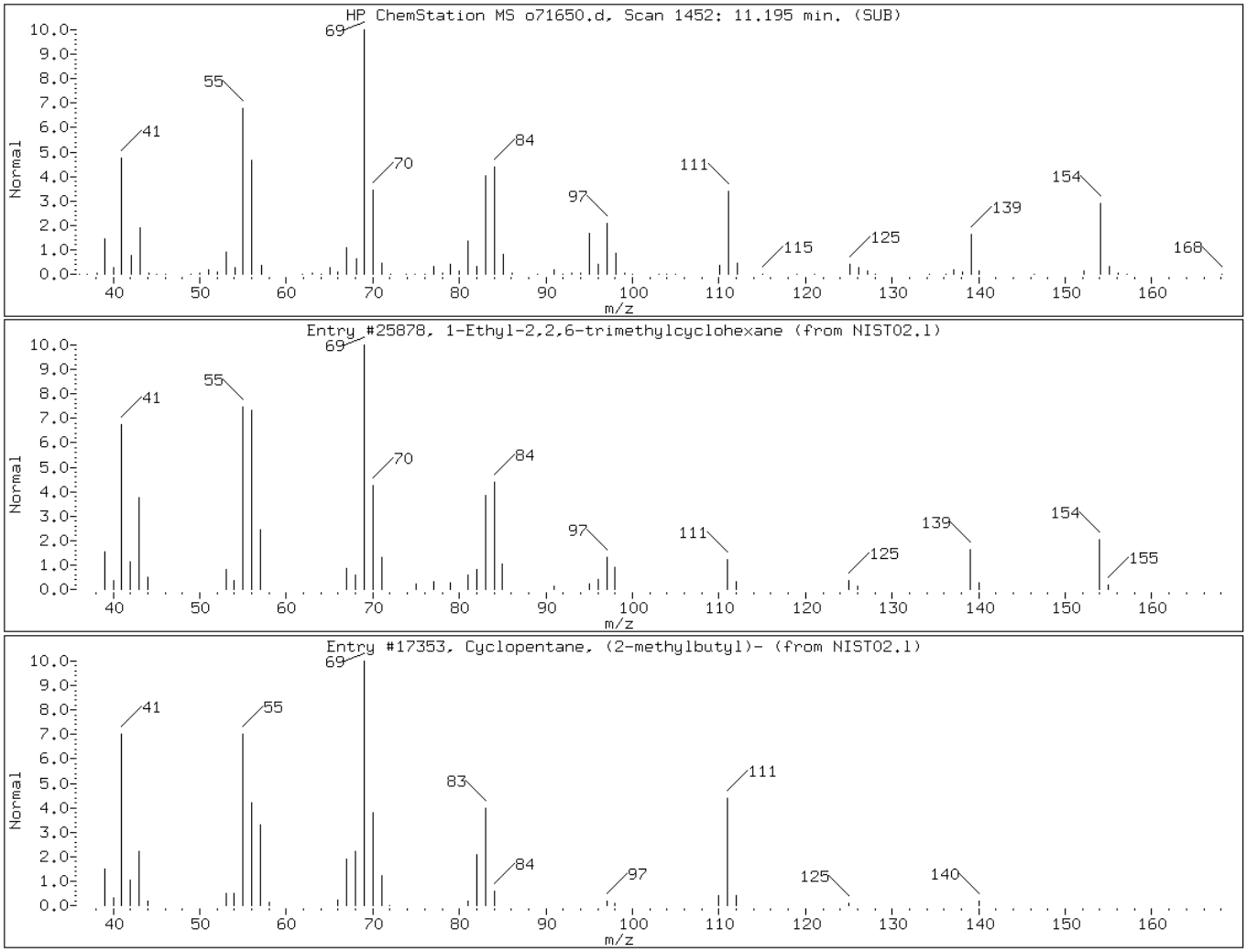
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 11.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1-Ethyl-2,2,6-trimethylcyclohexane	71186-27-1	NIST02.l	25878	90	C11H22	154
Cyclopentane, (2-methylbutyl)-	53366-38-4	NIST02.l	17353	58	C10H20	140



Data File: o71650.d

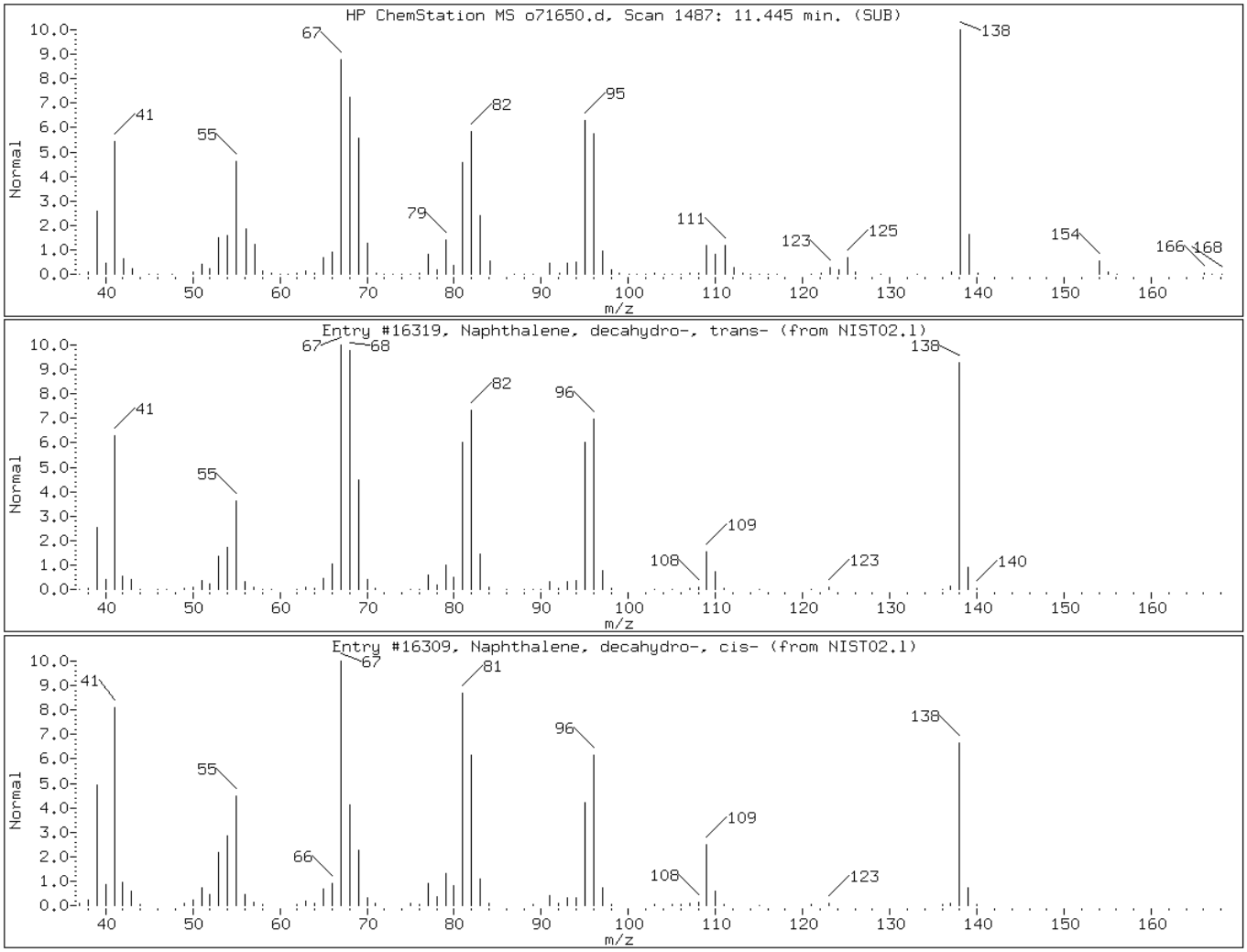
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 11.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	96	C10H18	138
Naphthalene, decahydro-, cis-	493-01-6	NIST02.l	16309	80	C10H18	138



Data File: o71650.d

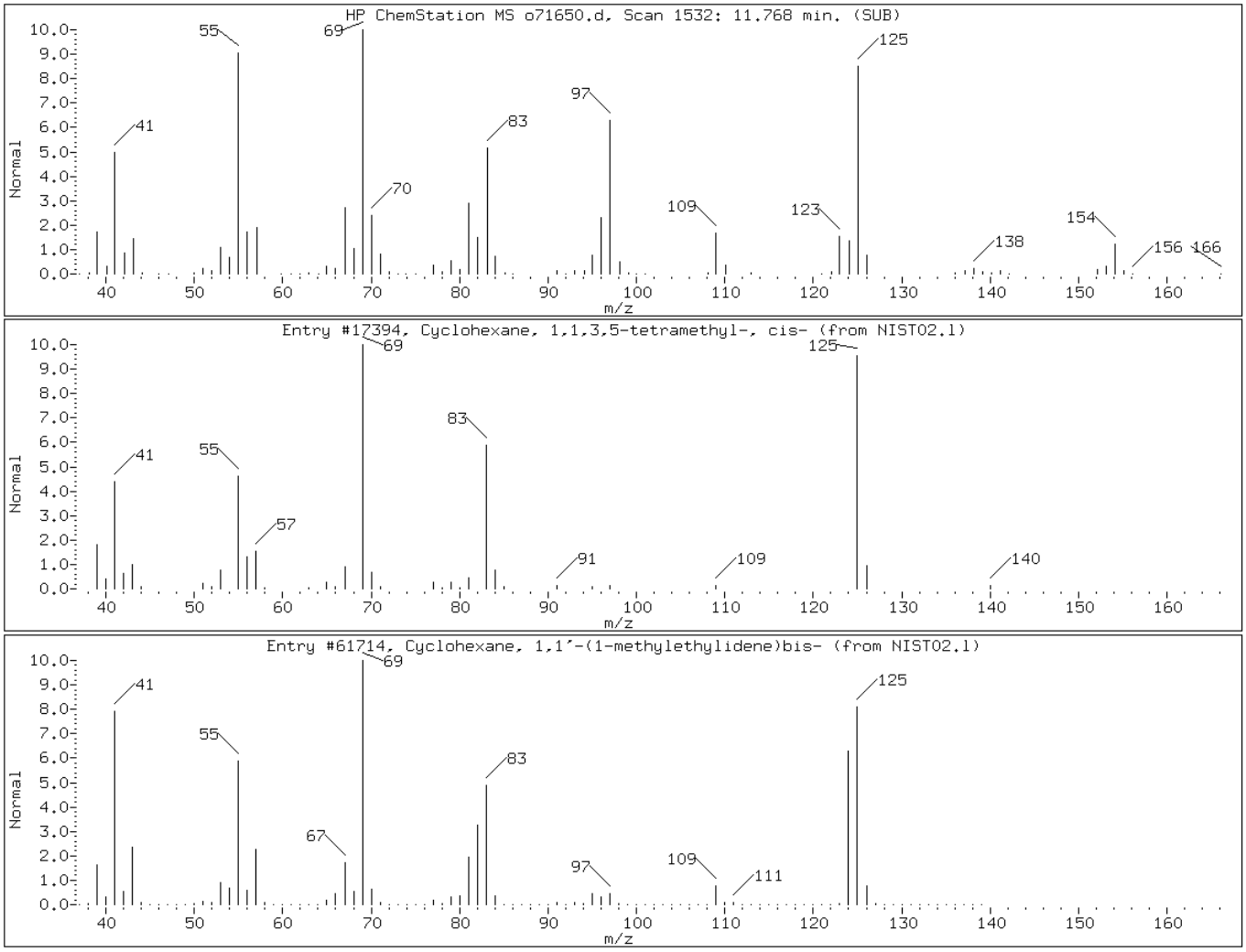
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 11.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H22 Cycloalkane						
Cyclohexane, 1,1,3,5-tetramethyl-,	50876-32-9	NIST02.l	17394	50	C10H20	140
Cyclohexane, 1,1'-(1-methylethylid	54934-90-6	NIST02.l	61714	38	C15H28	208



Data File: o71650.d

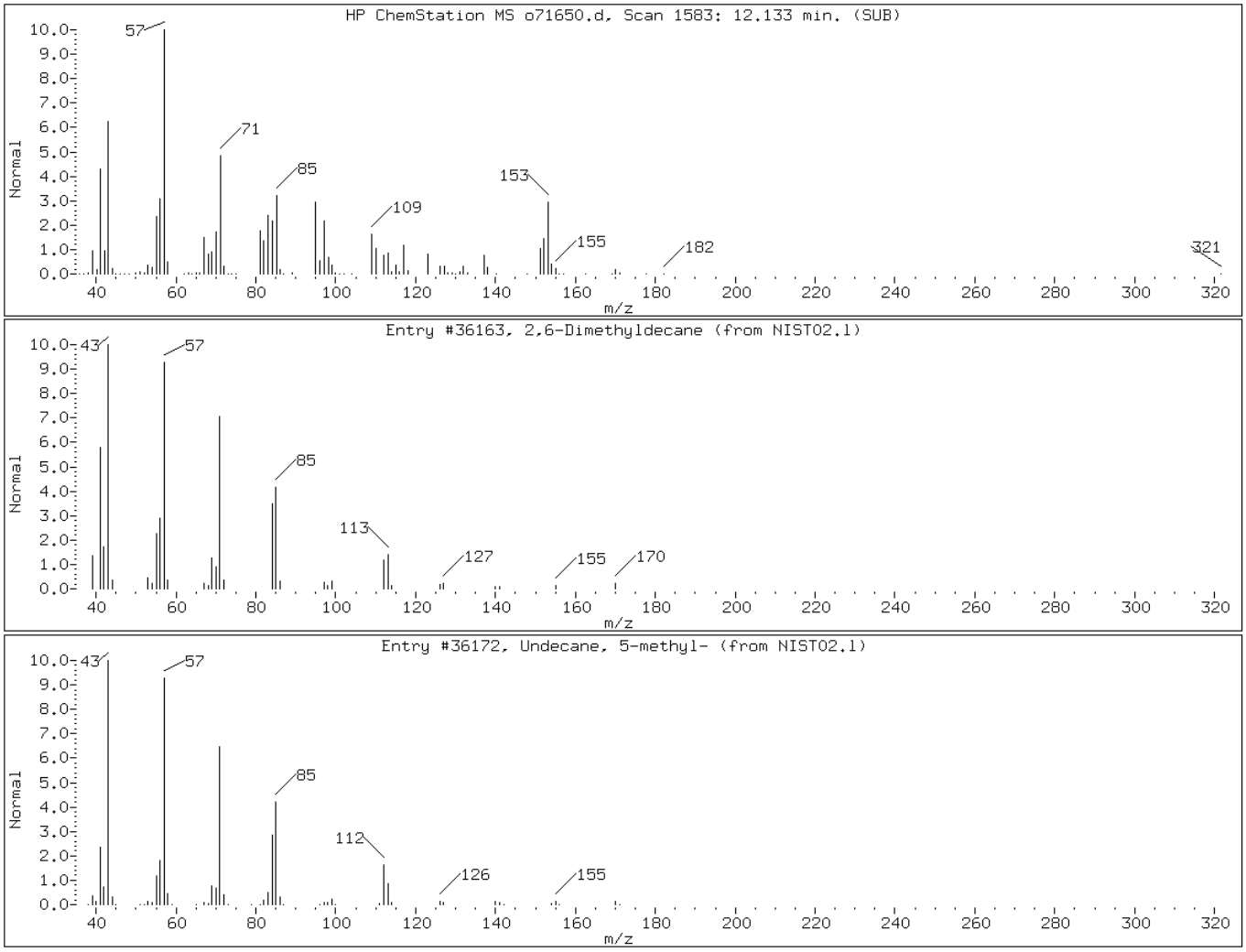
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 12.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
2,6-Dimethyldecane	13150-81-7	NIST02.l	36163	83	C12H26	170
Undecane, 5-methyl-	1632-70-8	NIST02.l	36172	41	C12H26	170



Data File: o71650.d

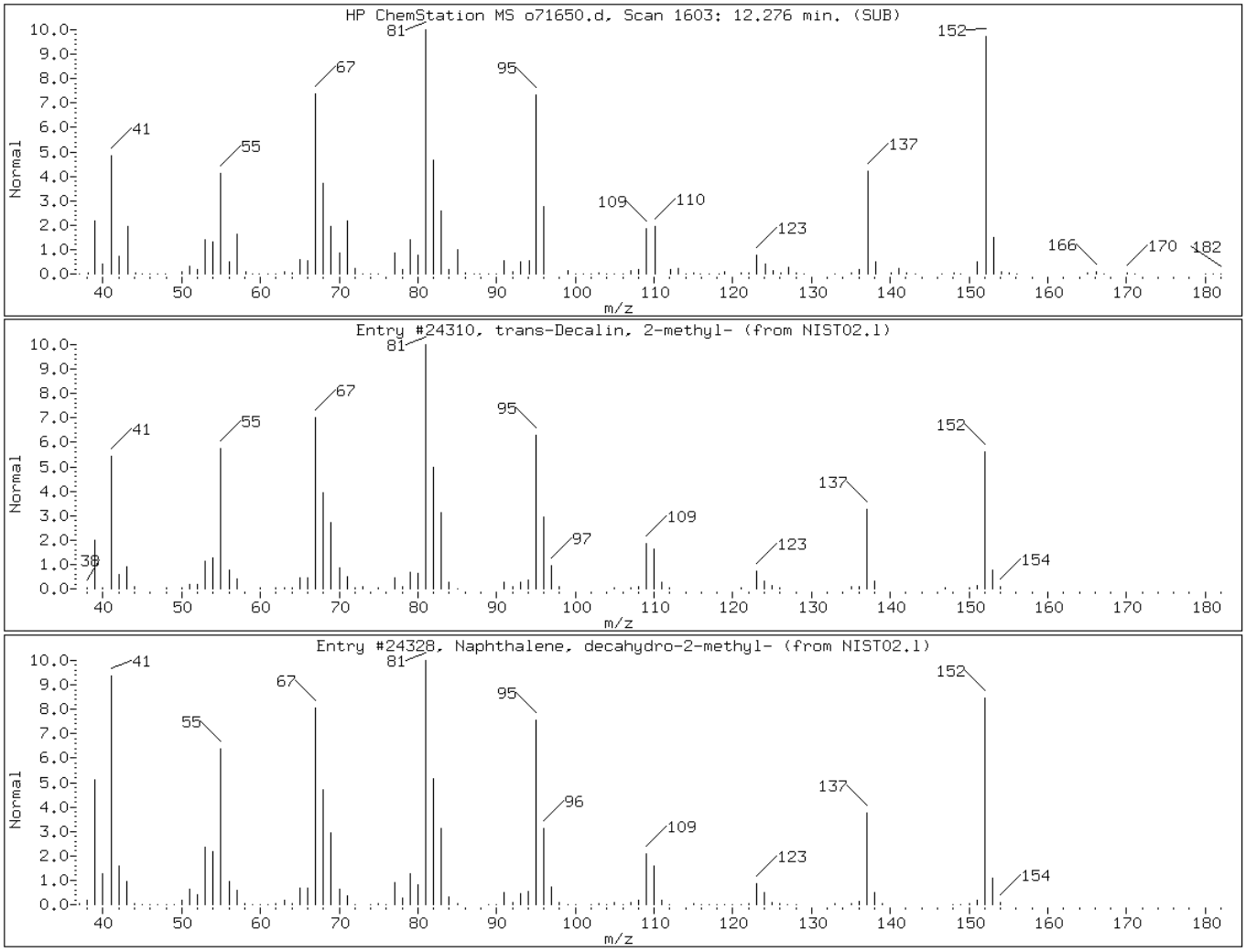
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 12.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	97	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	94	C11H20	152



Data File: o71650.d

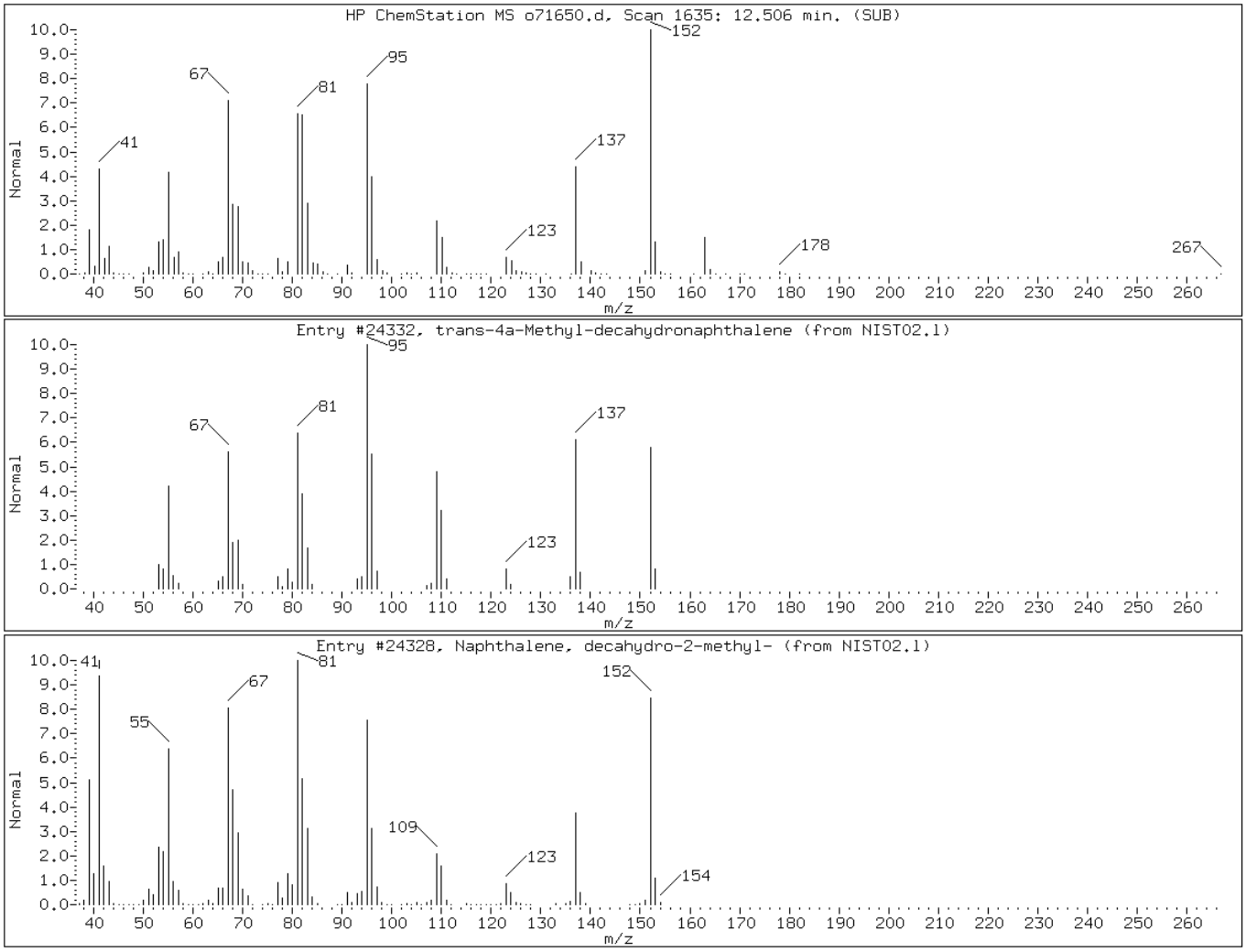
Date: 25-MAR-2013 21:22

Client ID: PMP-28-NE-WT Instrument: VOAMS12.i

Sample Info: 460-52450-E-42-A;;;6.35;5 Operator: VOAMS 9

Retention Time: 12.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
trans-4a-Methyl-decahydronaphthale	2547-27-5	NIST02.l	24332	91	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	91	C11H20	152



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI | Lab Sample ID: 460-52450-43

Matrix: Solid | Lab File ID: d30854.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:45

Sample wt/vol: 6.8(g) | Date Analyzed: 03/23/2013 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.11	U	0.84	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.076	U	0.84	0.076
79-00-5	1,1,2-Trichloroethane	0.12	U	0.84	0.12
75-34-3	1,1-Dichloroethane	0.093	U	0.84	0.093
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.84	0.14
120-82-1	1,2,4-Trichlorobenzene	16		0.84	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
106-93-4	1,2-Dibromoethane	0.13	U	0.84	0.13
95-50-1	1,2-Dichlorobenzene	0.084	U	0.84	0.084
107-06-2	1,2-Dichloroethane	0.15	U	0.84	0.15
78-87-5	1,2-Dichloropropane	0.13	U	0.84	0.13
541-73-1	1,3-Dichlorobenzene	0.14	U	0.84	0.14
106-46-7	1,4-Dichlorobenzene	0.22	J	0.84	0.093
123-91-1	1,4-Dioxane	11	U	42	11
78-93-3	2-Butanone	13		8.4	0.53
591-78-6	2-Hexanone	0.11	U	8.4	0.11
108-10-1	4-Methyl-2-pentanone	0.17	U	8.4	0.17
67-64-1	Acetone	63	B	8.4	1.4
71-43-2	Benzene	0.13	U	0.84	0.13
74-97-5	Bromochloromethane	0.093	U	0.84	0.093
75-27-4	Bromodichloromethane	0.27	U	0.84	0.27
75-25-2	Bromoform	0.14	U	0.84	0.14
74-83-9	Bromomethane	0.36	U	0.84	0.36
75-15-0	Carbon disulfide	1.8		0.84	0.13
56-23-5	Carbon tetrachloride	0.13	U	0.84	0.13
108-90-7	Chlorobenzene	0.15	U	0.84	0.15
75-00-3	Chloroethane	0.28	U	0.84	0.28
67-66-3	Chloroform	0.20	U	0.84	0.20
74-87-3	Chloromethane	0.14	U	0.84	0.14
156-59-2	cis-1,2-Dichloroethene	0.093	U	0.84	0.093
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.84	0.12
110-82-7	Cyclohexane	0.11	U	0.84	0.11
124-48-1	Dibromochloromethane	0.084	U	0.84	0.084
75-71-8	Dichlorodifluoromethane	0.19	U	0.84	0.19
100-41-4	Ethylbenzene	0.15	J	0.84	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI | Lab Sample ID: 460-52450-43

Matrix: Solid | Lab File ID: d30854.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:45

Sample wt/vol: 6.8(g) | Date Analyzed: 03/23/2013 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.093	U	0.84	0.093
98-82-8	Isopropylbenzene	0.13	J	0.84	0.093
79-20-9	Methyl acetate	0.27	U	0.84	0.27
108-87-2	Methylcyclohexane	0.24	J	0.84	0.084
75-09-2	Methylene Chloride	0.66	J B	0.84	0.13
1634-04-4	MTBE	0.093	U	0.84	0.093
100-42-5	Styrene	0.24	U	0.84	0.24
127-18-4	Tetrachloroethene	0.10	U	0.84	0.10
108-88-3	Toluene	0.12	U	0.84	0.12
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
10061-02-6	trans-1,3-Dichloropropene	0.084	U	0.84	0.084
79-01-6	Trichloroethene	0.10	U	0.84	0.10
75-69-4	Trichlorofluoromethane	0.14	U	0.84	0.14
75-01-4	Vinyl chloride	0.29	U	0.84	0.29
1330-20-7	Xylenes, Total	1.3	J	2.5	0.57

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI | Lab Sample ID: 460-52450-43

Matrix: Solid | Lab File ID: d30854.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:45

Sample wt/vol: 6.8(g) | Date Analyzed: 03/23/2013 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 1476

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Coeluting Unknowns	10.75	130	J
	Unknown Alkane	10.87	220	J
	Unknown Alkane-2	11.27	190	J
	Unknown Alkane-3/C11H14 Aromatic	11.42	100	J
	Unknown Alkane-4	11.57	110	J
	C11H14 Aromatic-1	11.69	86	J
	Unknown Alkane-5	12.00	200	J
	Unknown Alkane-6	12.13	160	J
	Unknown	12.42	140	J
	Unknown Alkane-7	12.72	140	J

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30854.d
Report Date: 25-Mar-2013 21:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30854.d
Lab Smp Id: 460-52450-D-43-A Client Smp ID: PMP-28-NE-SI
Inj Date : 23-MAR-2013 15:49
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-D-43-A;;;6.80;5
Misc Info : 460-52450-D-43-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 24
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	6.80000	Weight of sample extracted (g)
M	12.95938	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
8 Carbon Disulfide	76	2.087	2.087	(0.459)	30458	2.07195	1.8
6 Methylene Chloride	84	2.469	2.469	(0.543)	2943	0.77884	0.66(a)
7 Acetone	43	2.510	2.522	(0.552)	81946	74.8729	63
18 2-Butanone	43	3.951	3.963	(0.869)	13281	14.8131	12
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.943)	92080	45.0636	38
* 69 Fluorobenzene	96	4.546	4.545	(1.000)	491566	50.0000	
126 Methyl cyclohexane	83	4.693	4.692	(1.032)	2764	0.28635	0.24(a)
$ 37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	394409	46.4707	39
* 32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	331628	50.0000	
40 Ethylbenzene	106	7.963	7.957	(1.009)	1246	0.17316	0.15(aH)
43 m+p-Xylene	106	8.104	8.098	(1.027)	6327	0.72011	0.61(a)
44 o-Xylene	106	8.469	8.469	(1.073)	7377	0.89200	0.75(a)
110 Isopropylbenzene	105	8.745	8.739	(1.108)	3630	0.15431	0.13(aH)
$ 41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	180520	48.4655	41

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30854.d
Report Date: 25-Mar-2013 21:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	112 n-Propylbenzene	91	9.081	9.080	(0.925)	6113	0.22711	0.19(a)
	102 1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	34832	1.81904	1.5
	100 1,2,4-Trimethylbenzene	105	9.533	9.533	(0.971)	44765	2.37336	2.0
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	180100	50.0000	
	68 1,4-Dichlorobenzene	146	9.828	9.822	(1.001)	2902	0.26385	0.22(a)
	93 1,2,4-Trichlorobenzene	180	11.180	11.180	(1.139)	150400	18.6127	16(H)
M	45 Xylene (Total)	100				13704	1.59087	1.3(a)

QC Flag Legend

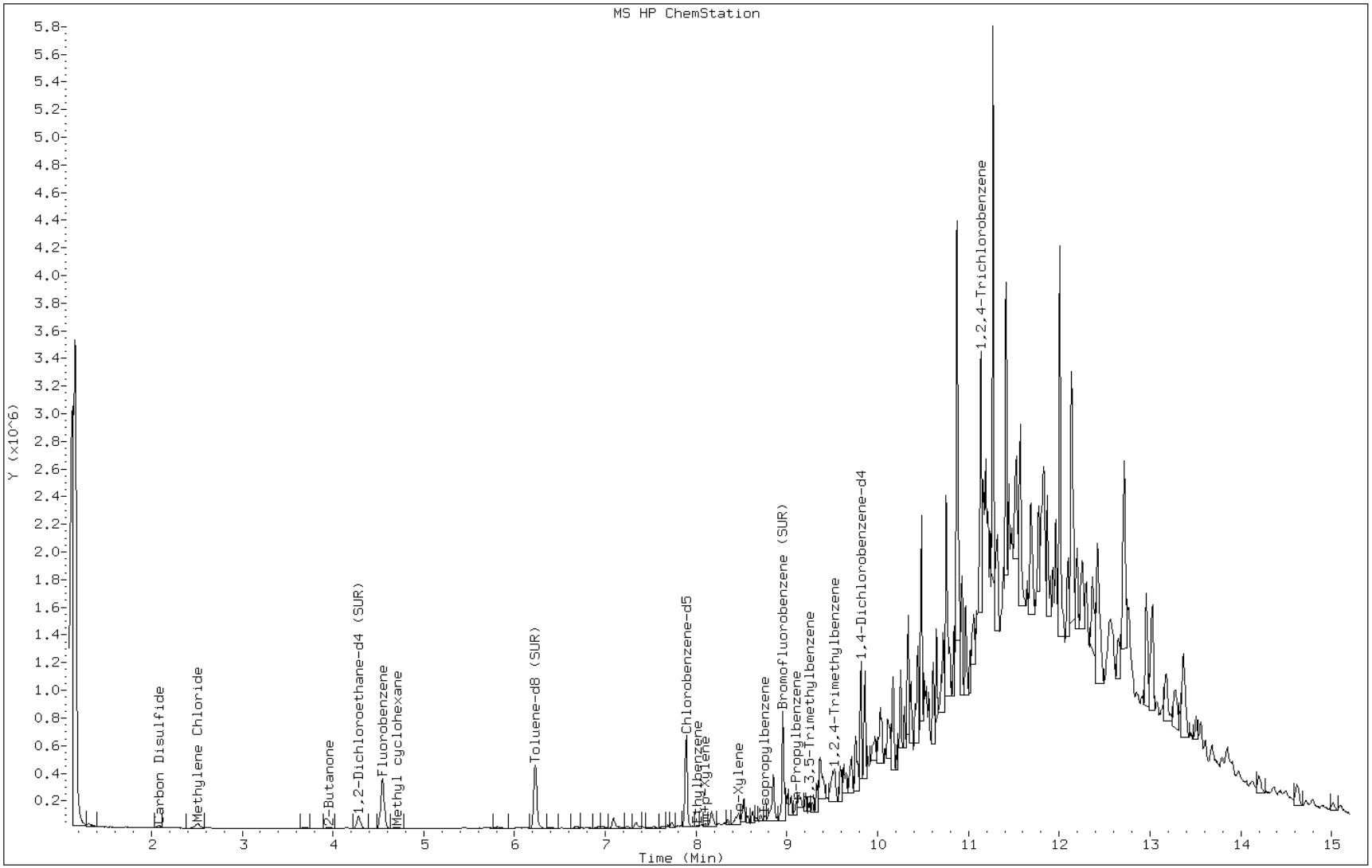
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9



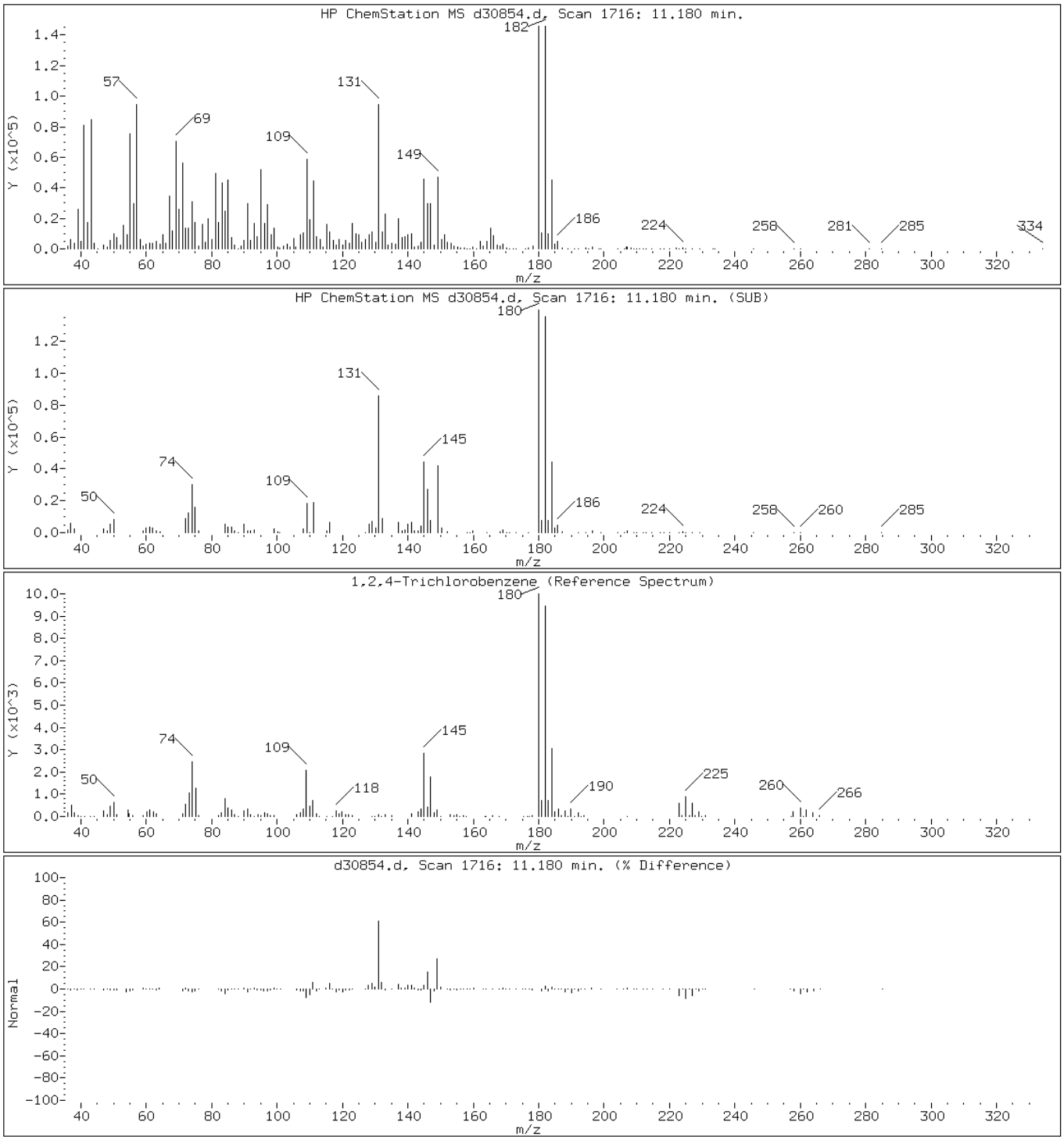
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



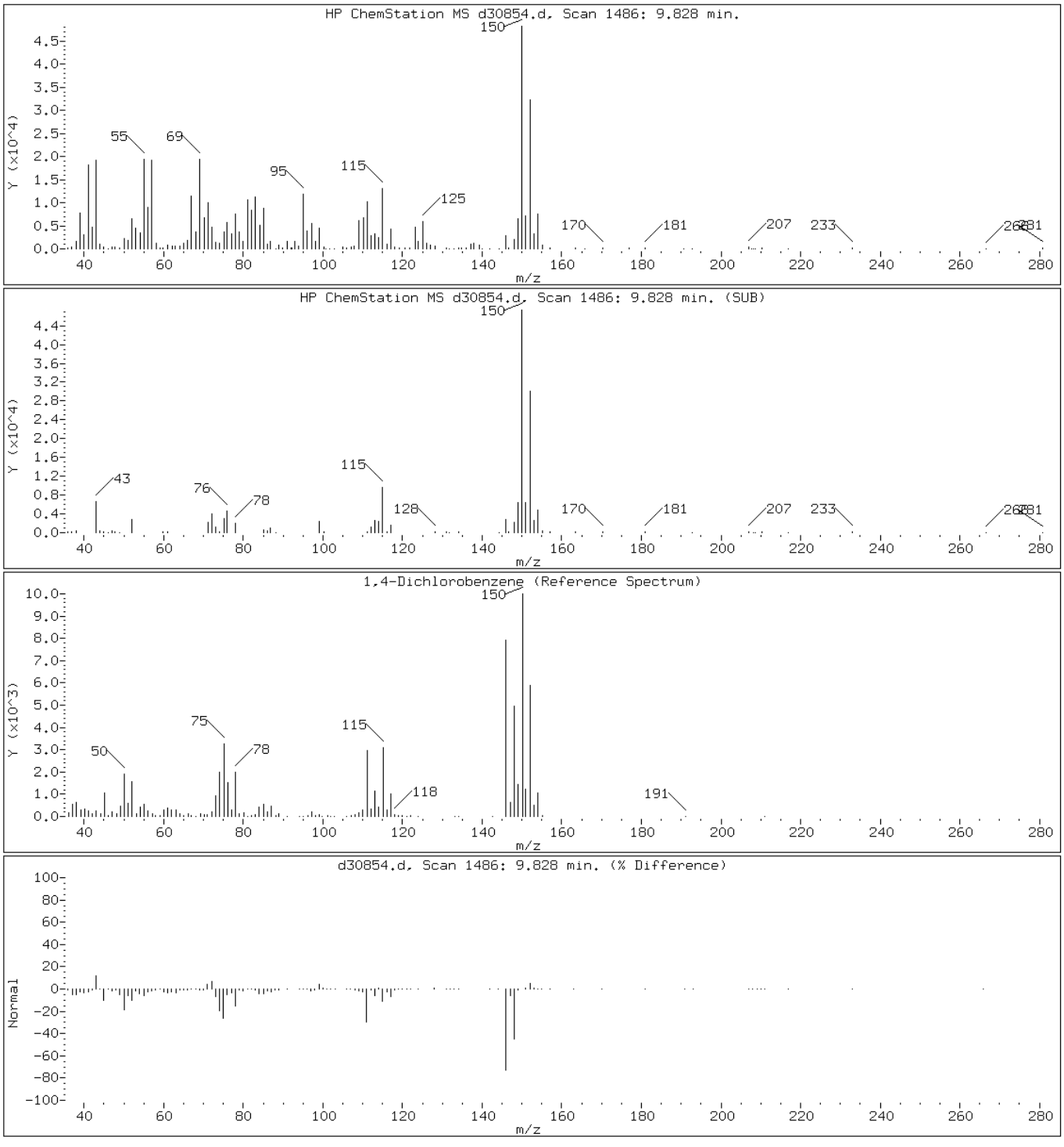
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



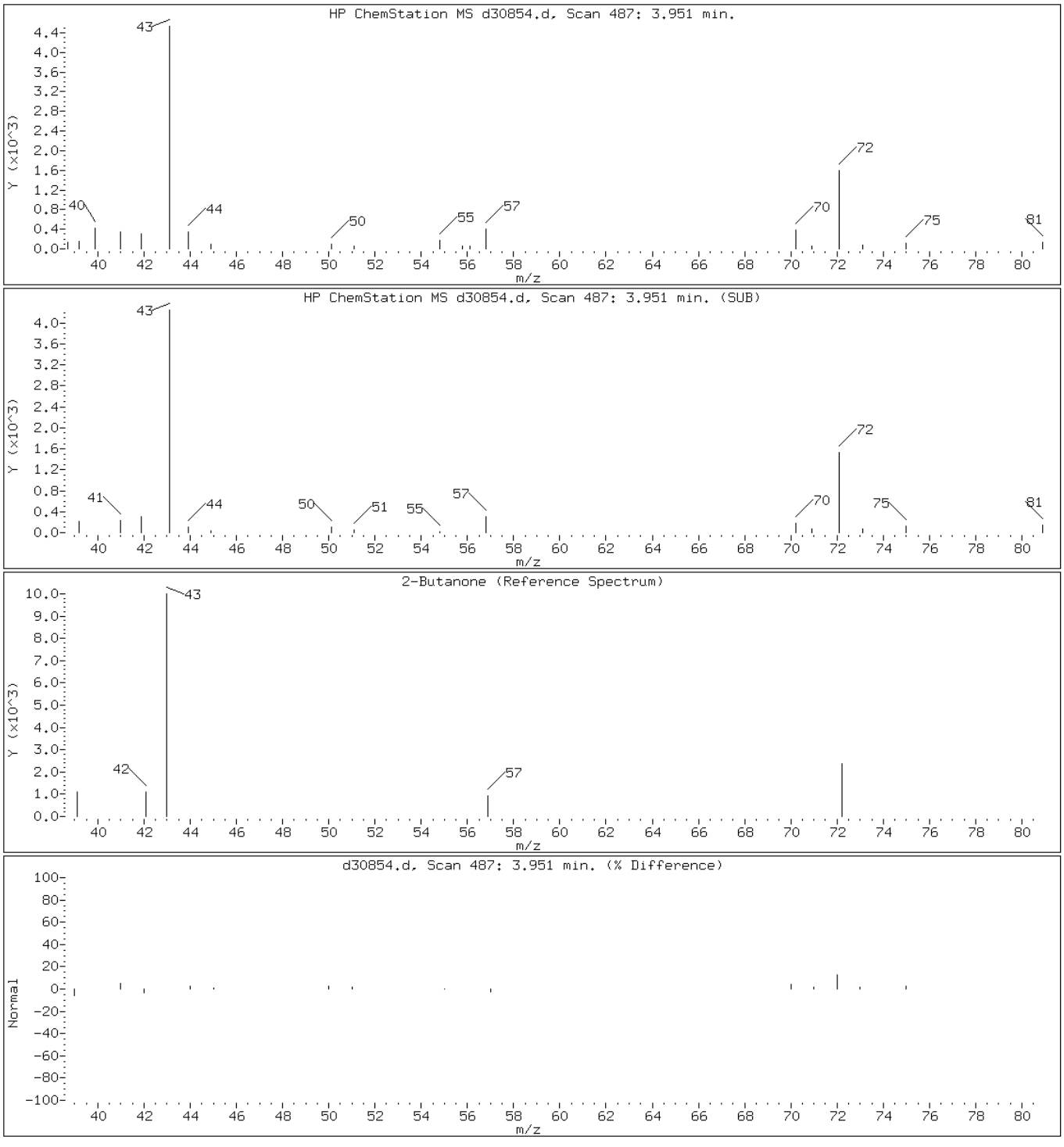
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

18 2-Butanone



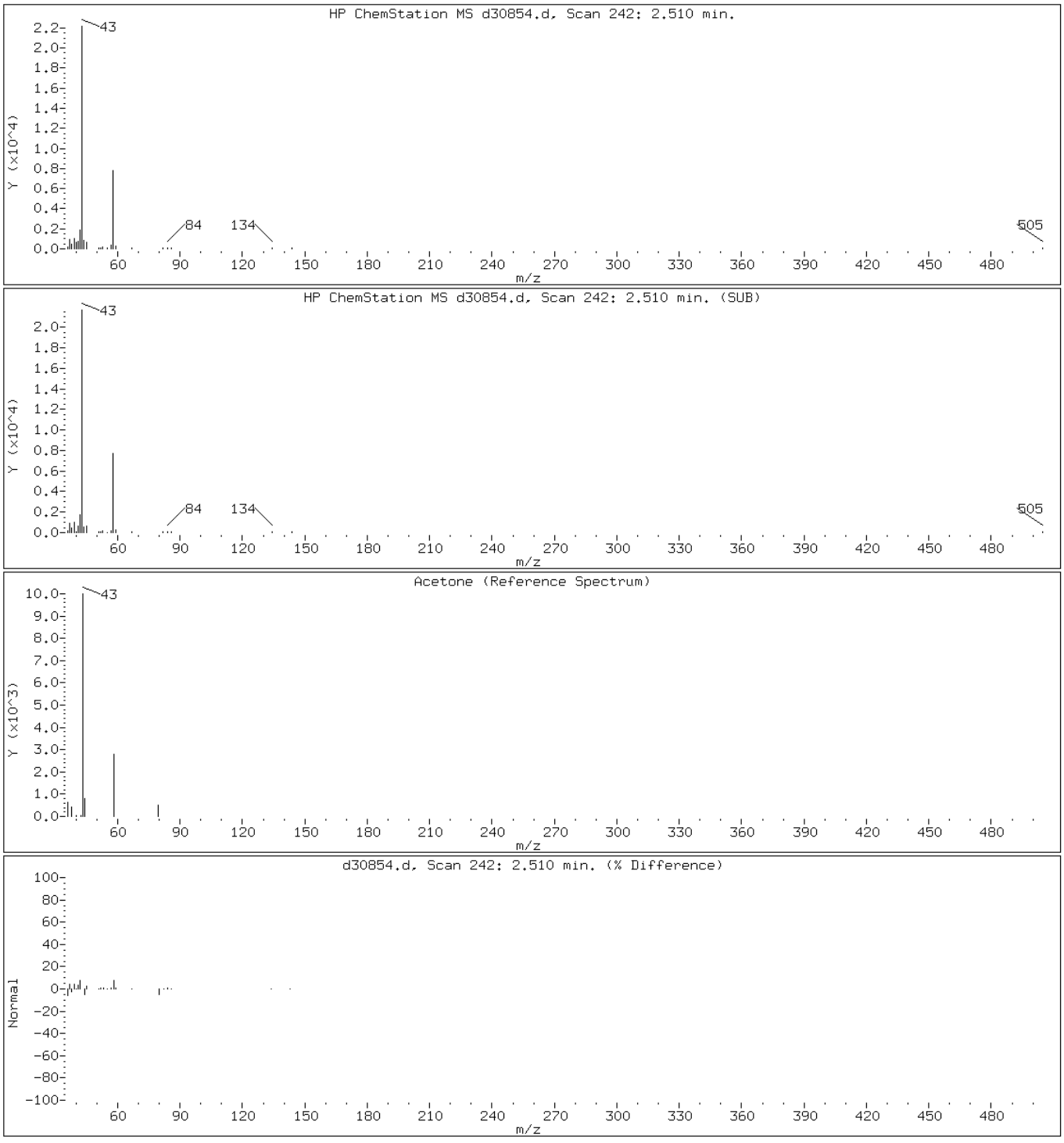
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

7 Acetone



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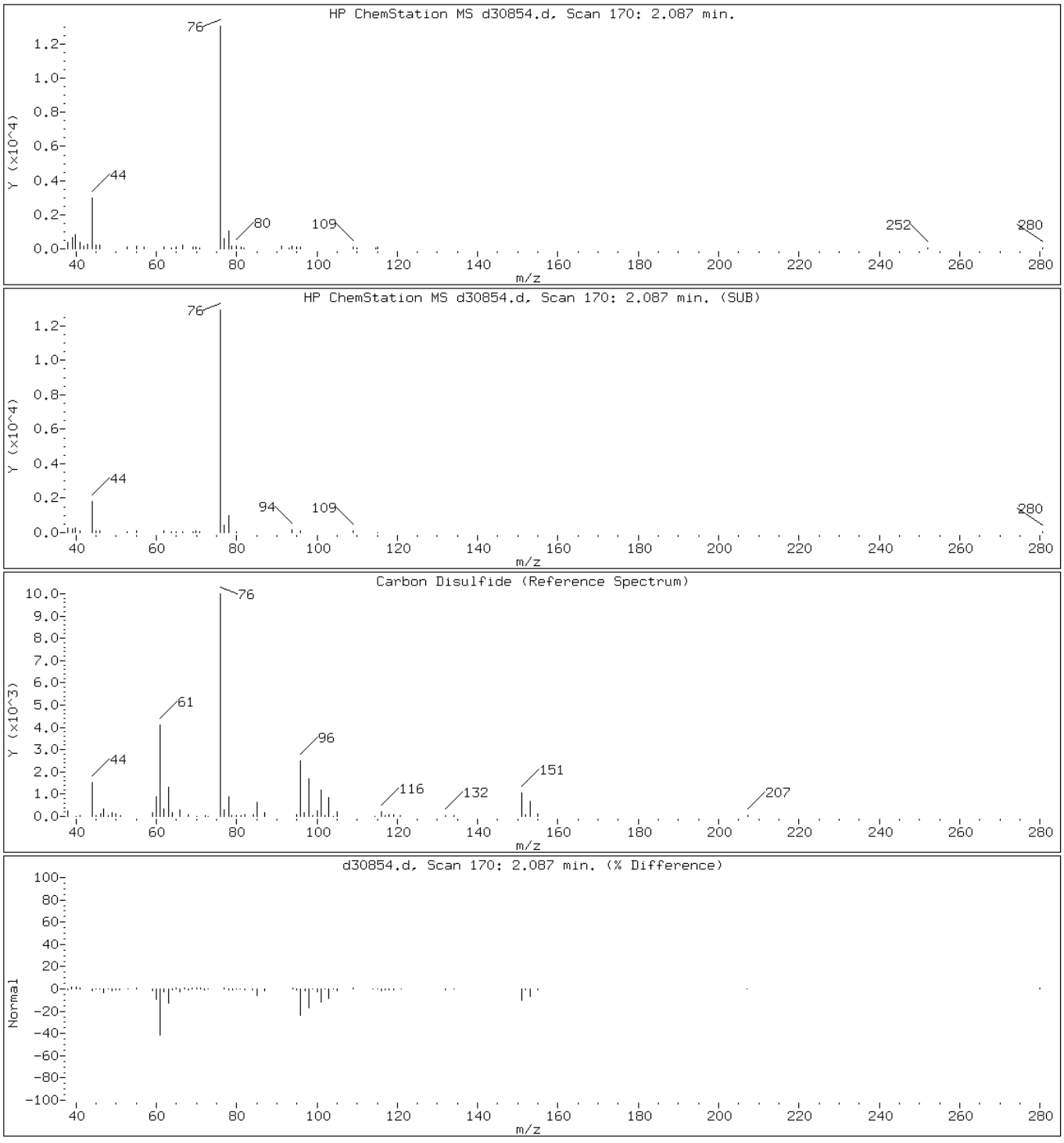
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

8 Carbon Disulfide



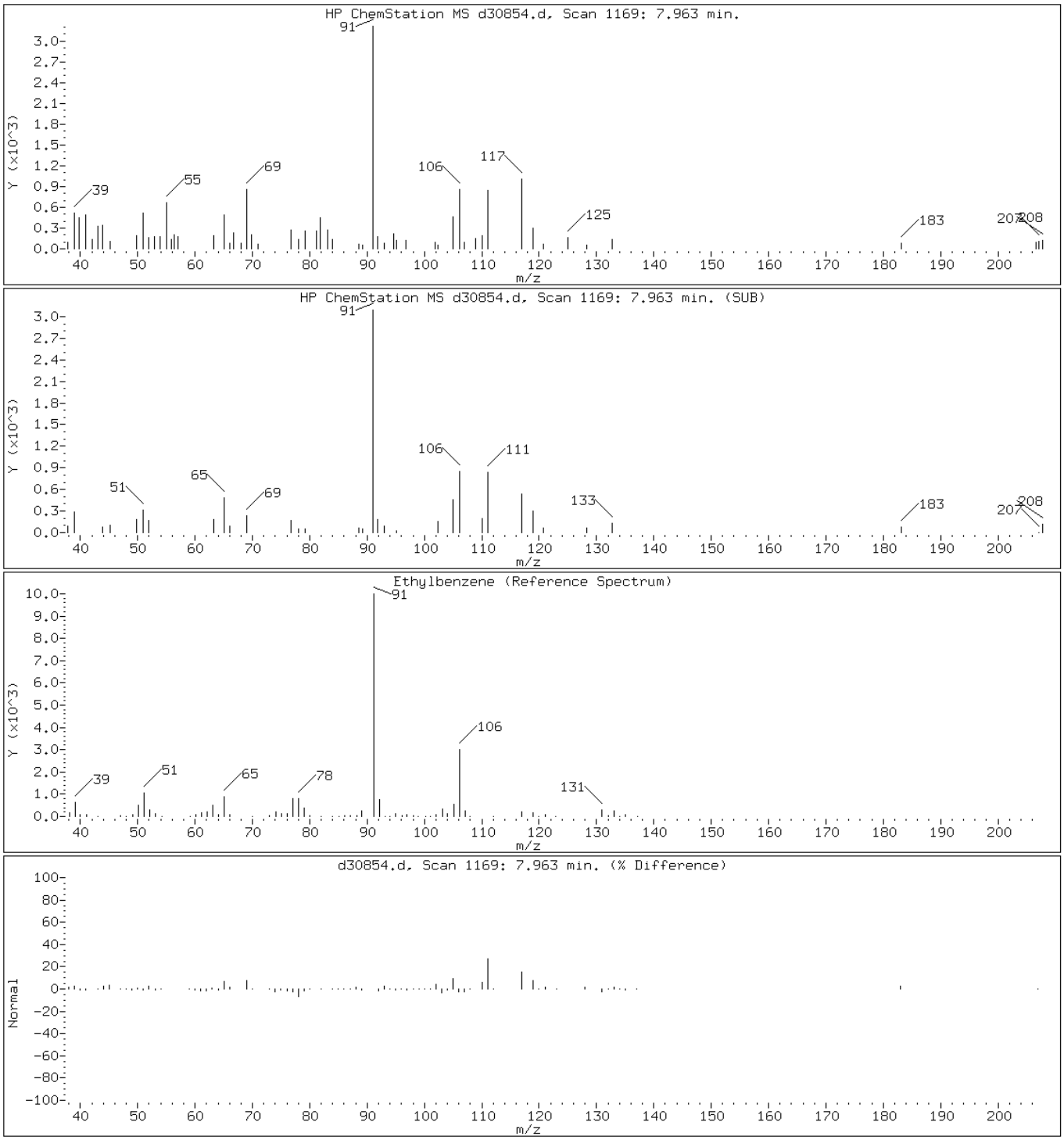
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

40 Ethylbenzene



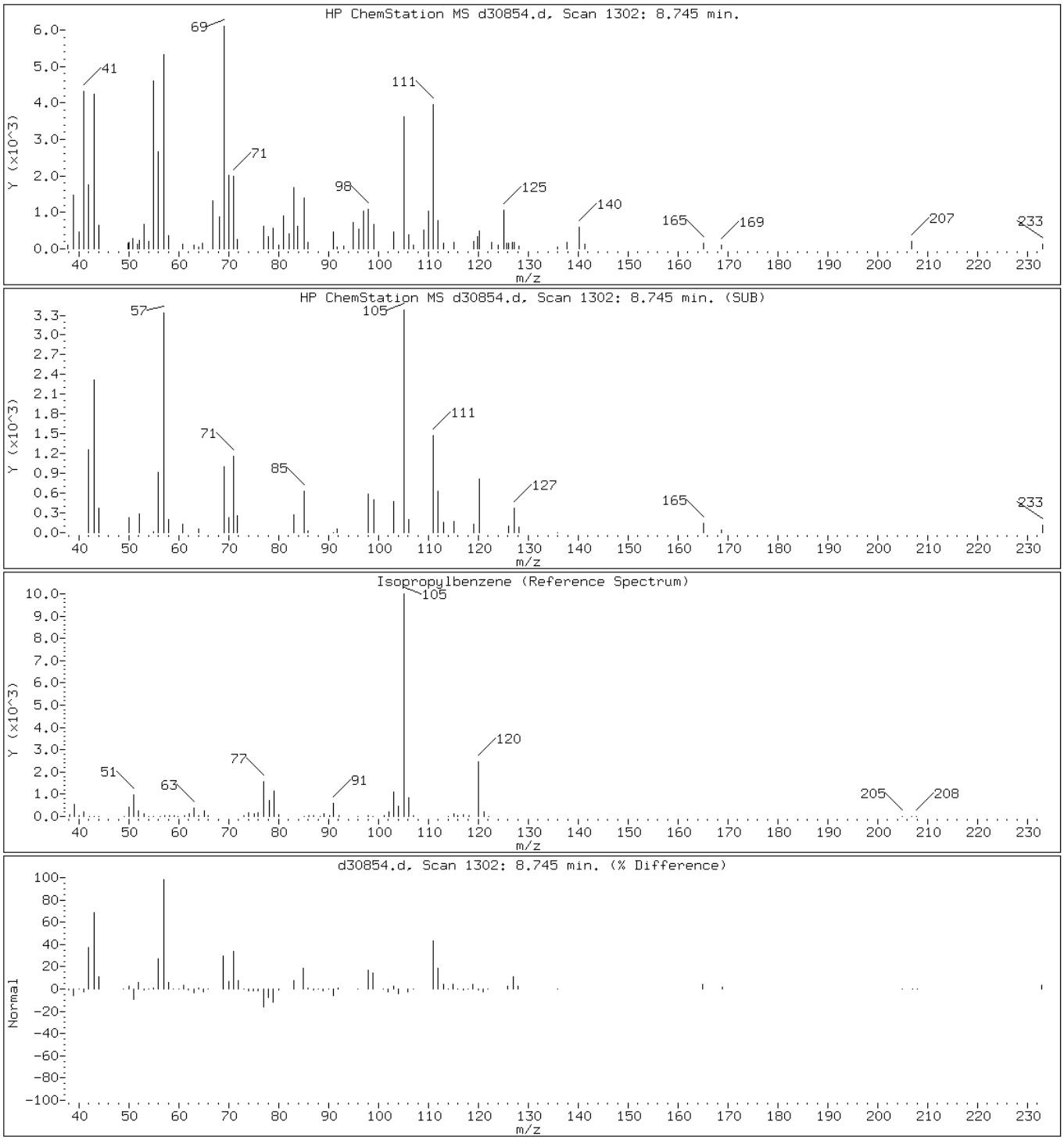
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

110 Isopropylbenzene



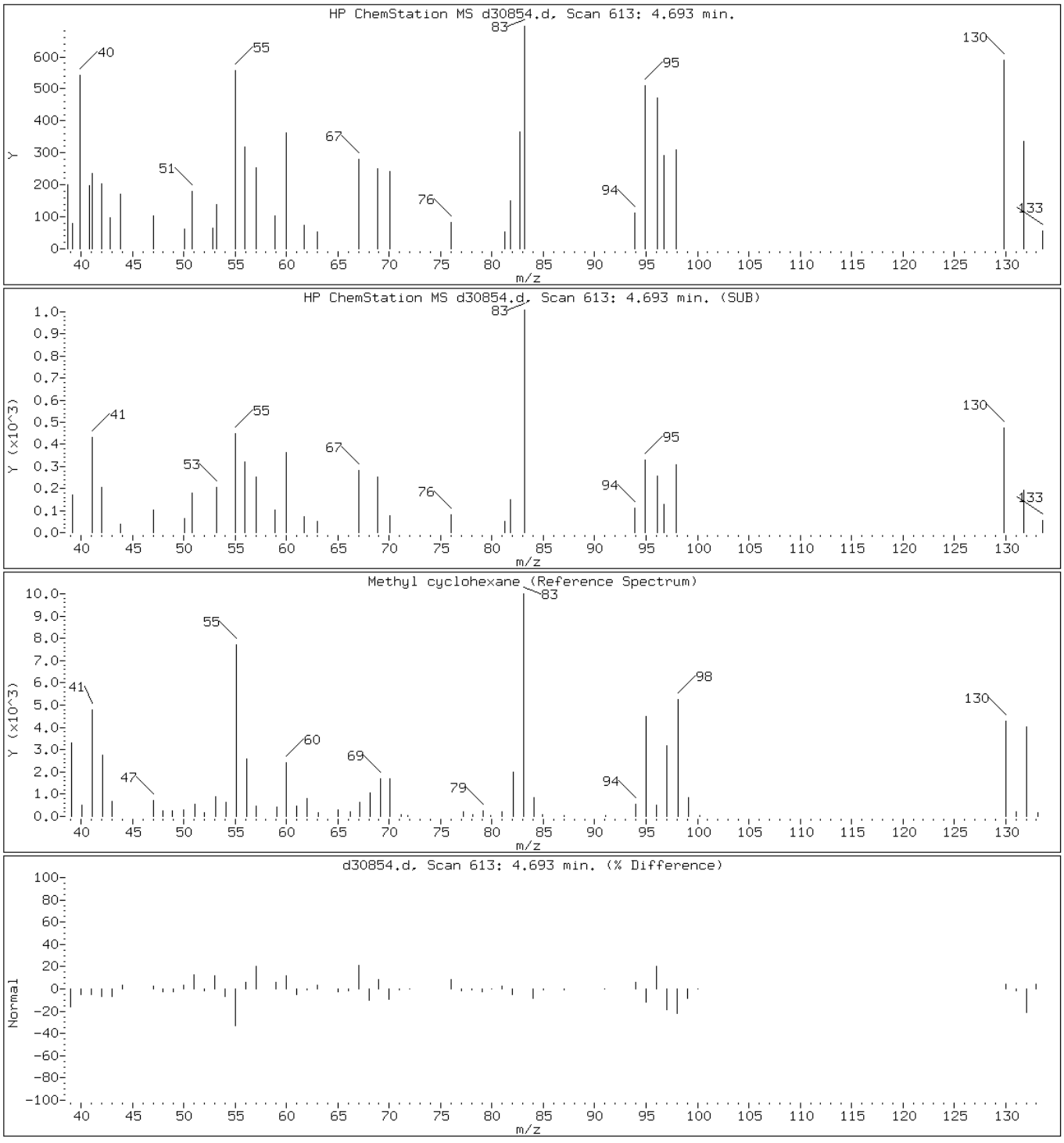
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

126 Methyl cyclohexane



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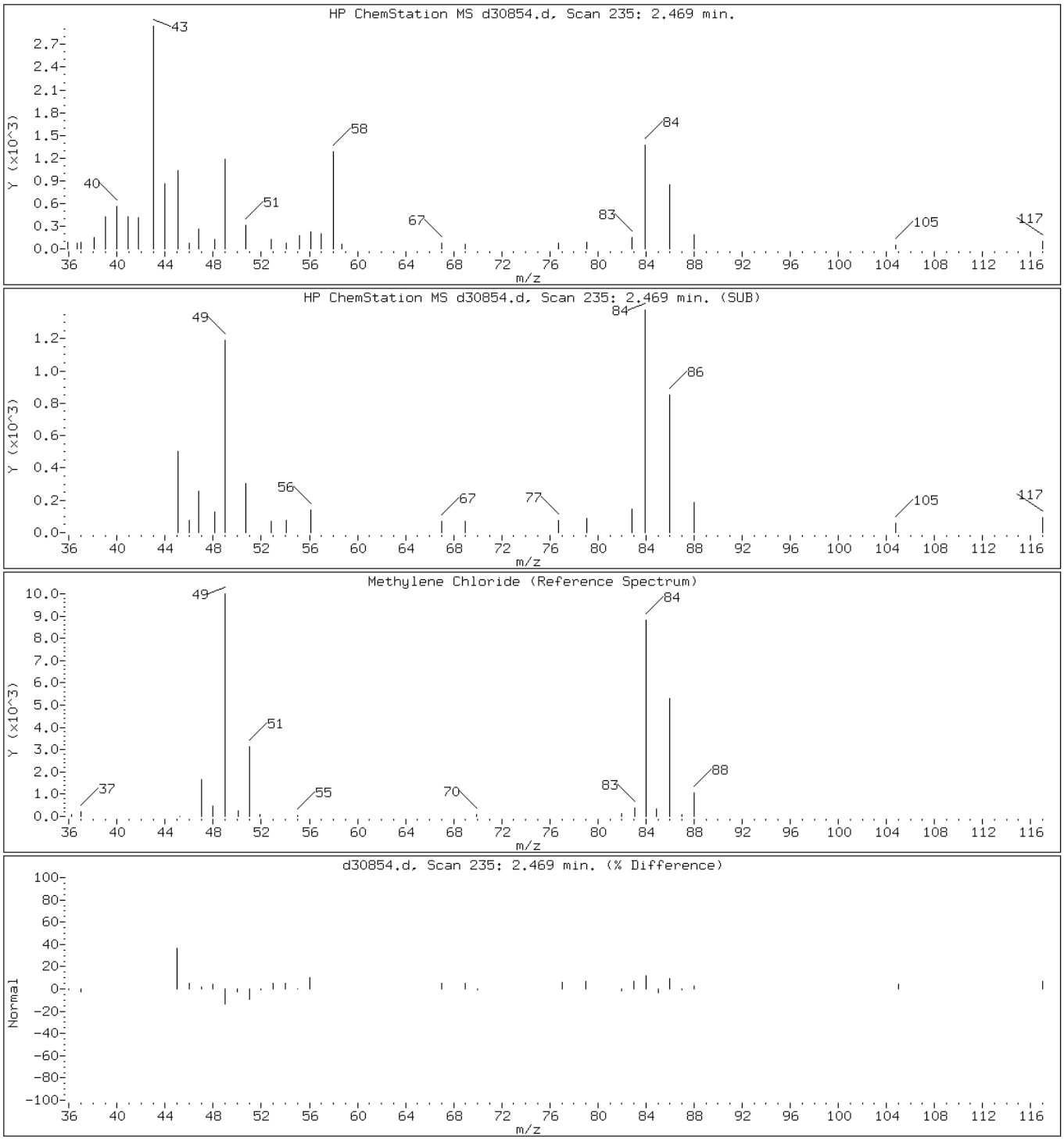
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

6 Methylene Chloride



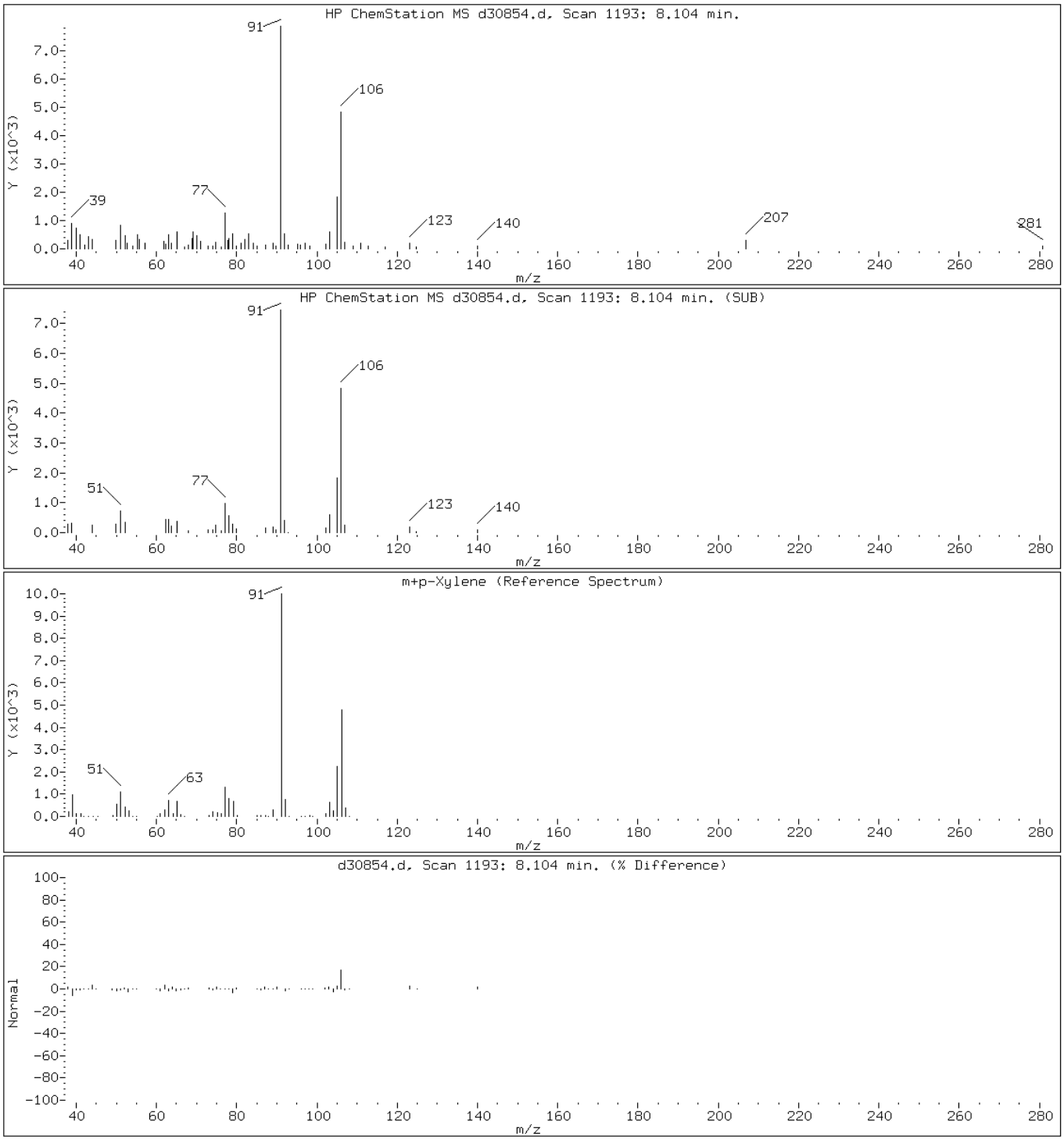
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

43 m+p-Xylene



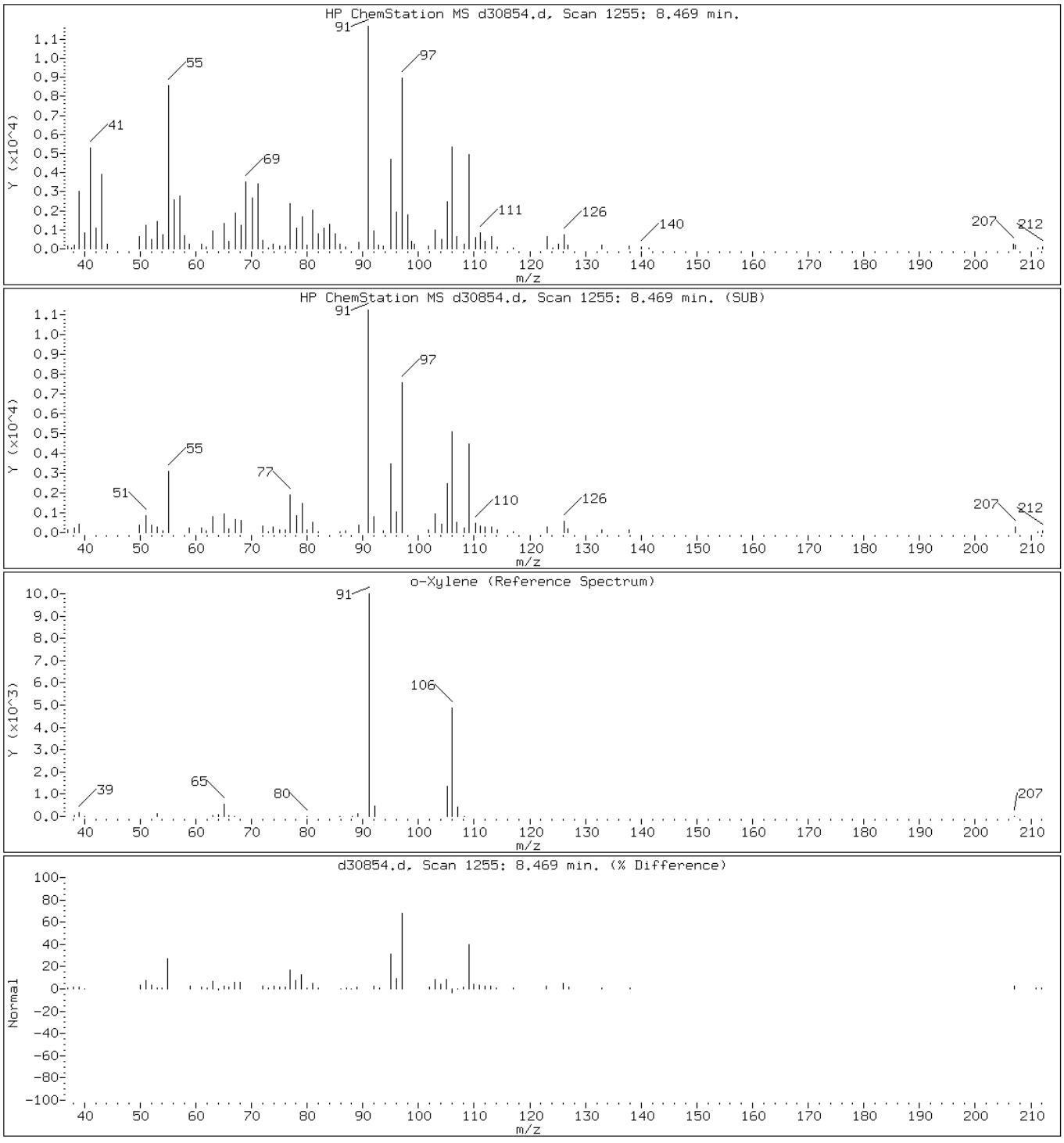
Data File: d30854.d

Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

44 o-Xylene



Data File: d30854.d

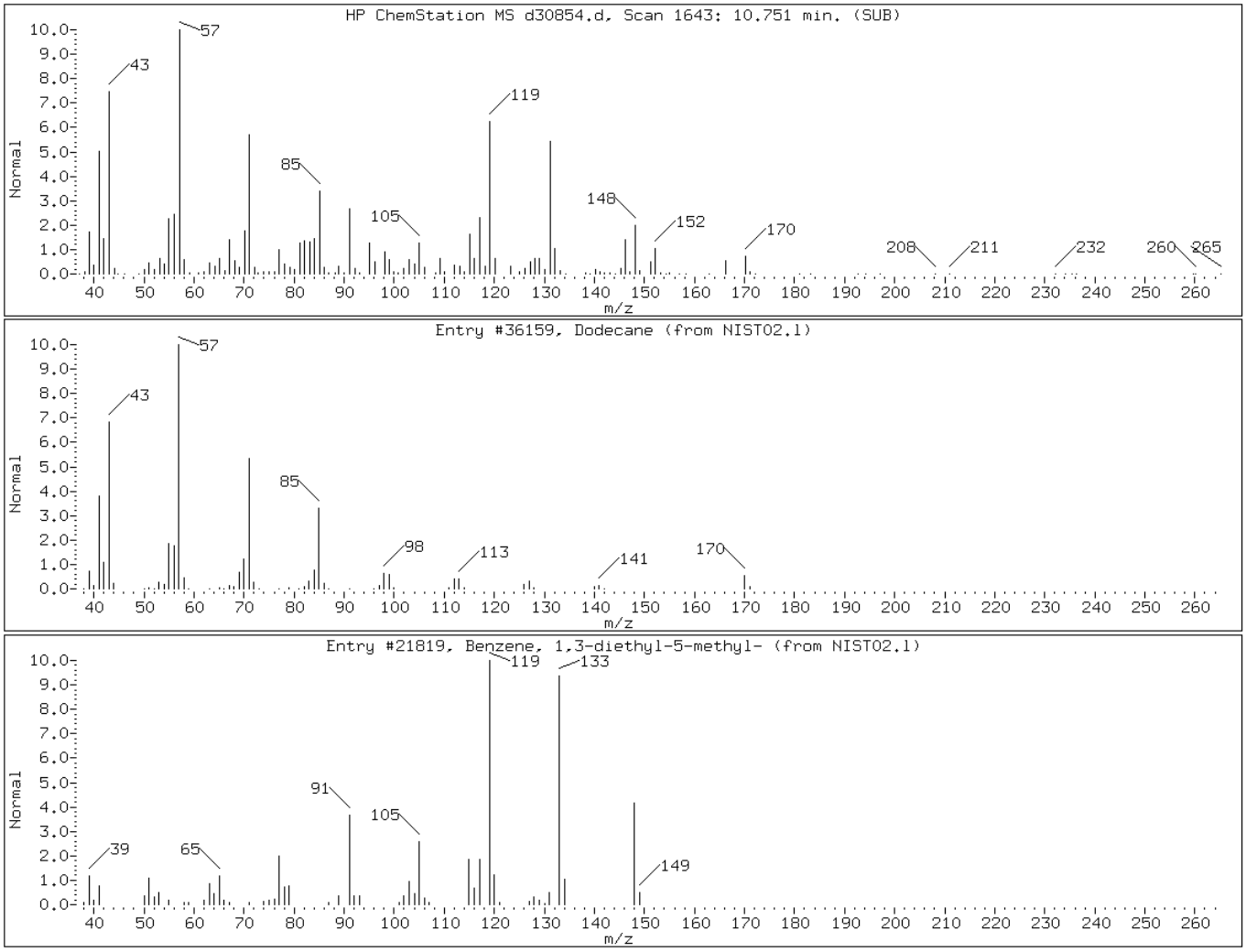
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 10.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Dodecane	112-40-3	NIST02.l	36159	47	C12H26	170
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	35	C11H16	148



Data File: d30854.d

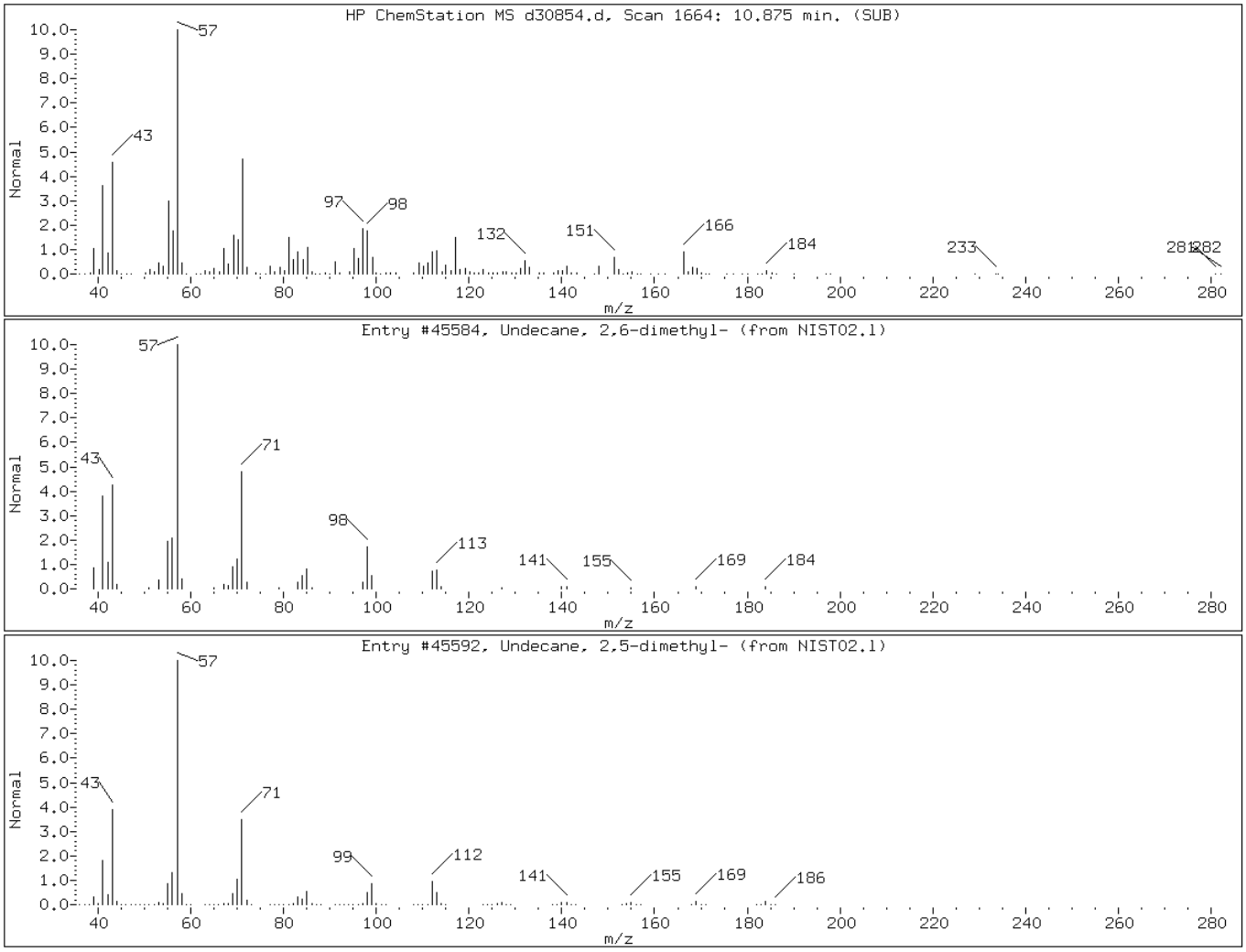
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 10.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	93	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	64	C13H28	184



Data File: d30854.d

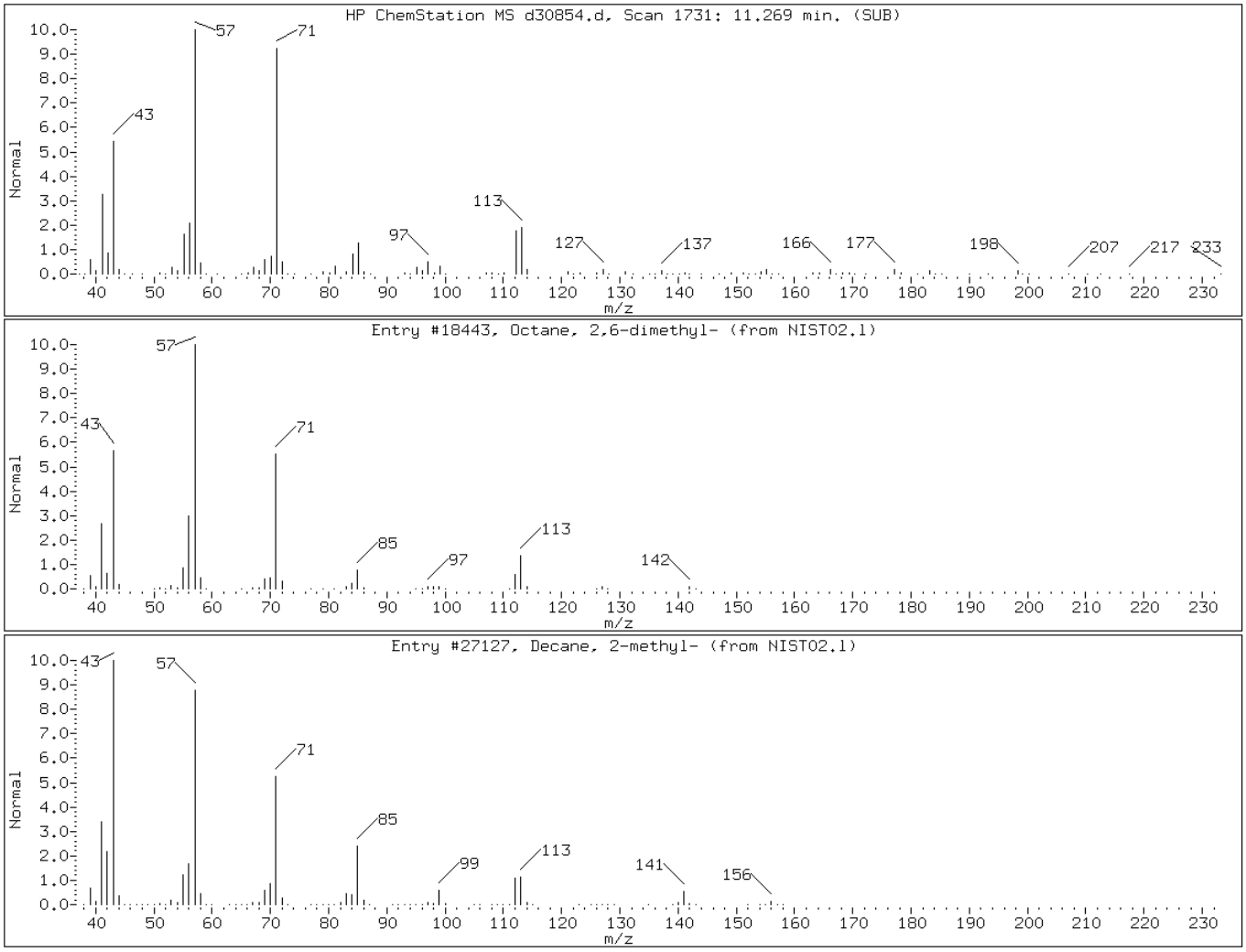
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 11.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142
Decane, 2-methyl-	6975-98-0	NIST02.l	27127	78	C11H24	156



Data File: d30854.d

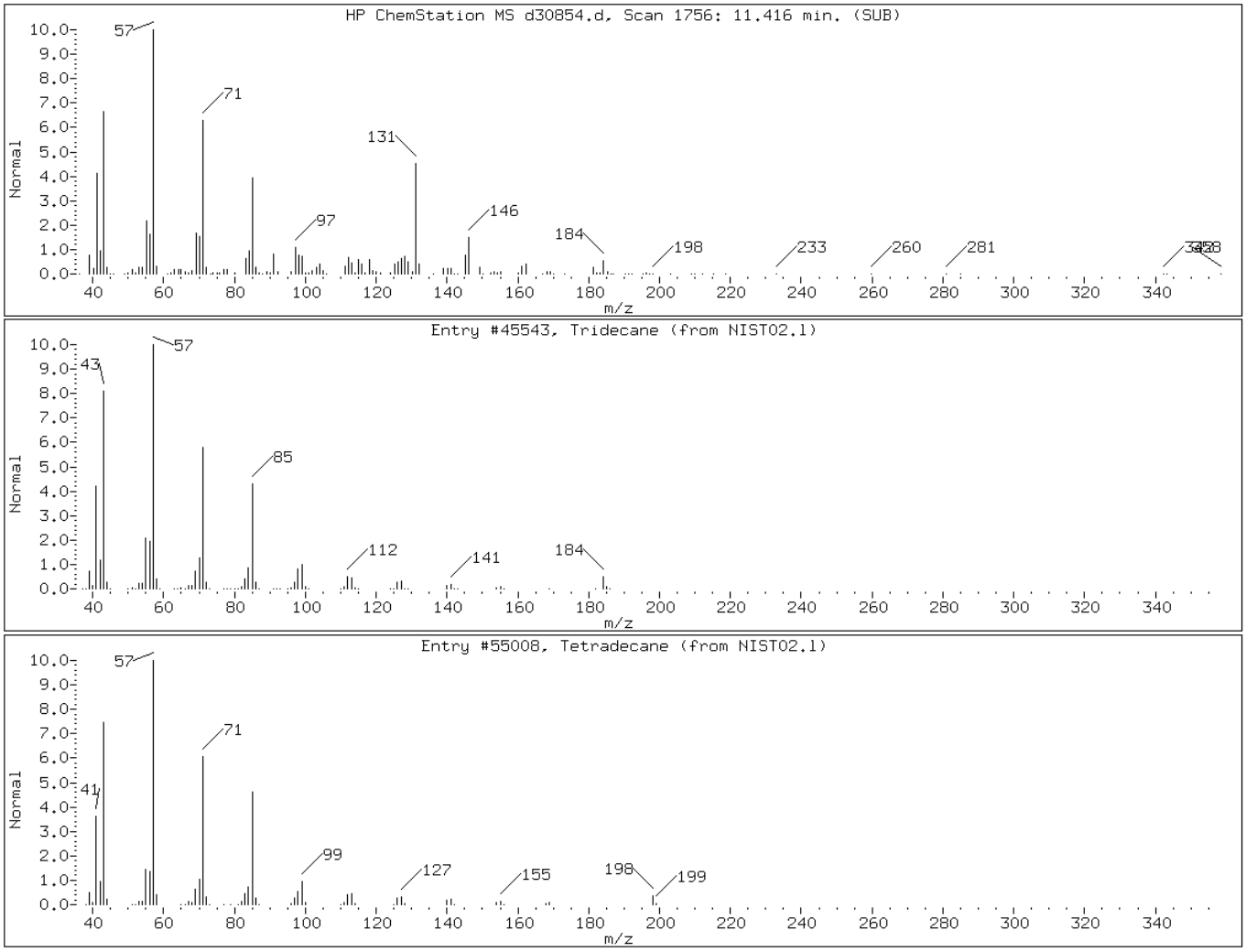
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 11.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3/C11H14 Aromatic						
Tridecane	629-50-5	NIST02.l	45543	90	C13H28	184
Tetradecane	629-59-4	NIST02.l	55008	49	C14H30	198



Data File: d30854.d

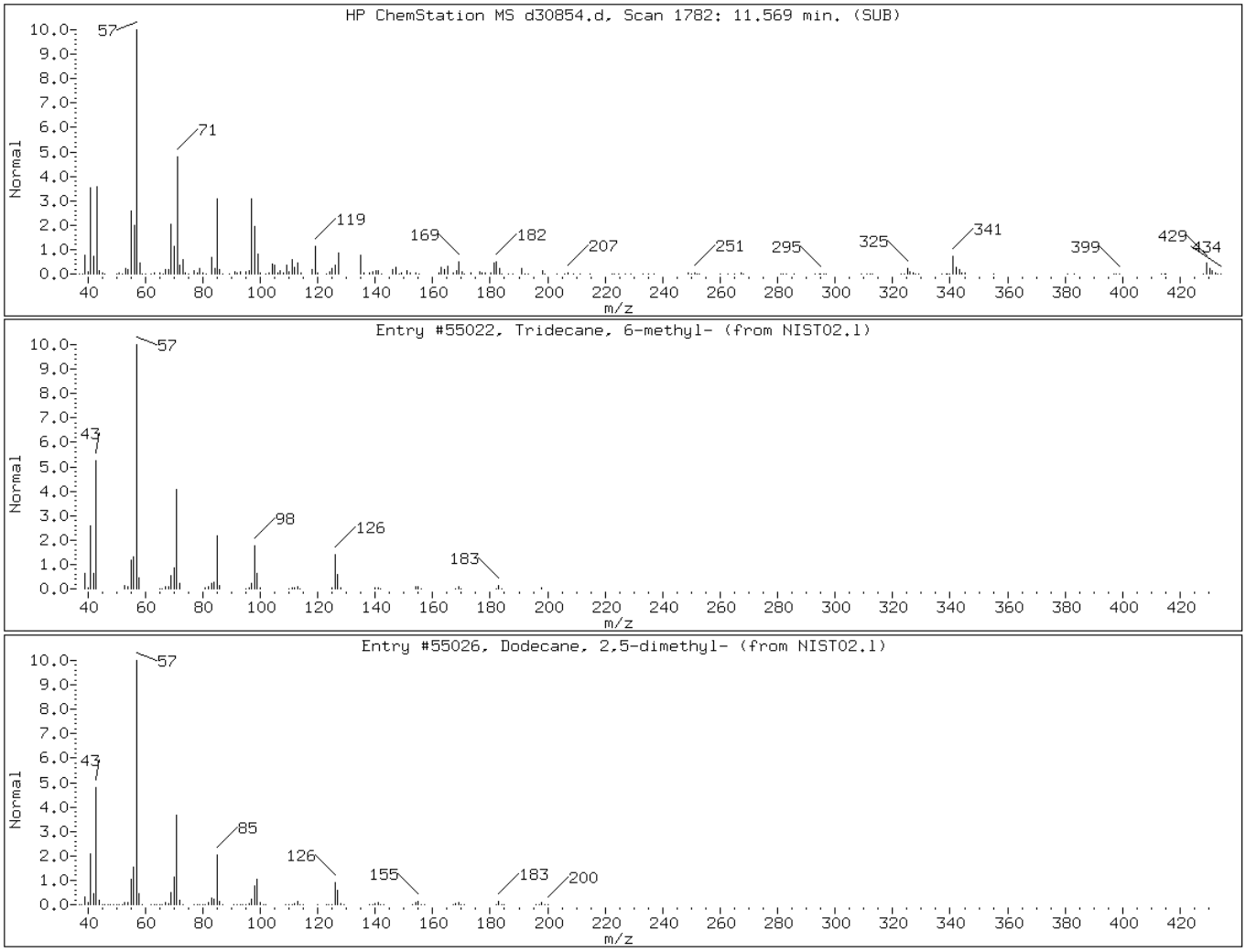
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 11.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55022	58	C14H30	198
Dodecane, 2,5-dimethyl-	56292-65-0	NIST02.l	55026	53	C14H30	198



Data File: d30854.d

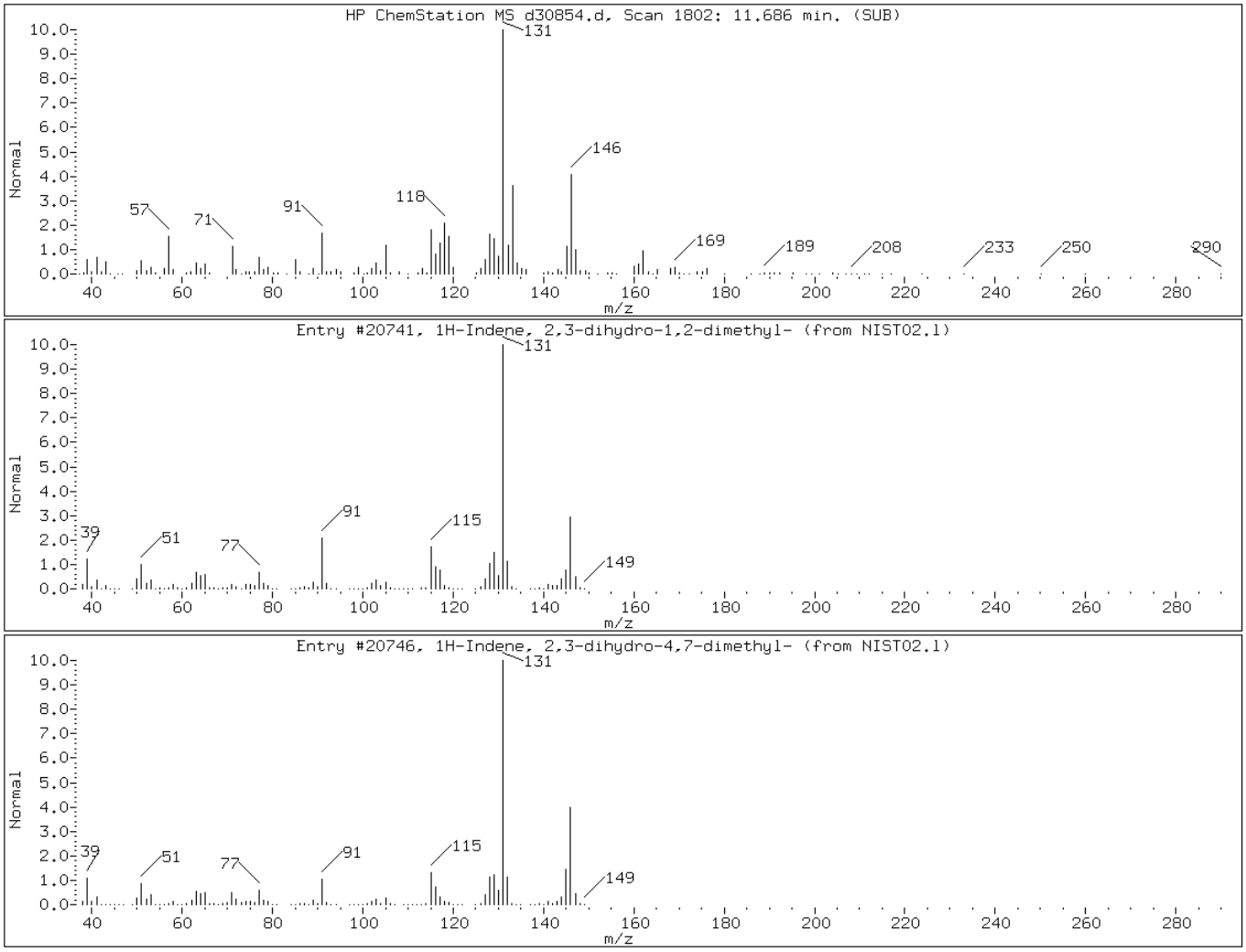
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 11.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-1						
1H-Indene, 2,3-dihydro-1,2-dimethy	17057-82-8	NIST02.l	20741	89	C11H14	146
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20746	86	C11H14	146



Data File: d30854.d

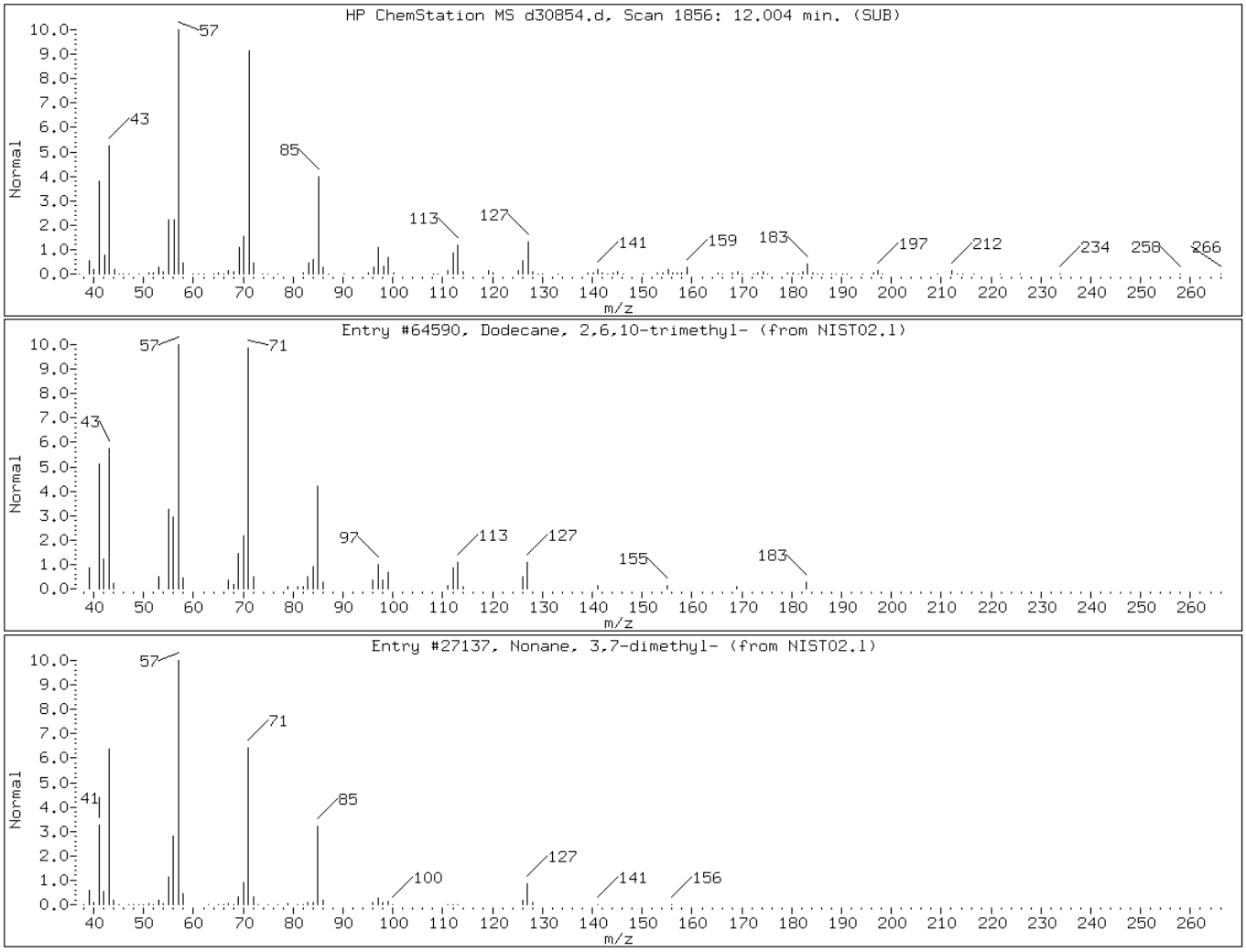
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 12.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	90	C15H32	212
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	87	C11H24	156



Data File: d30854.d

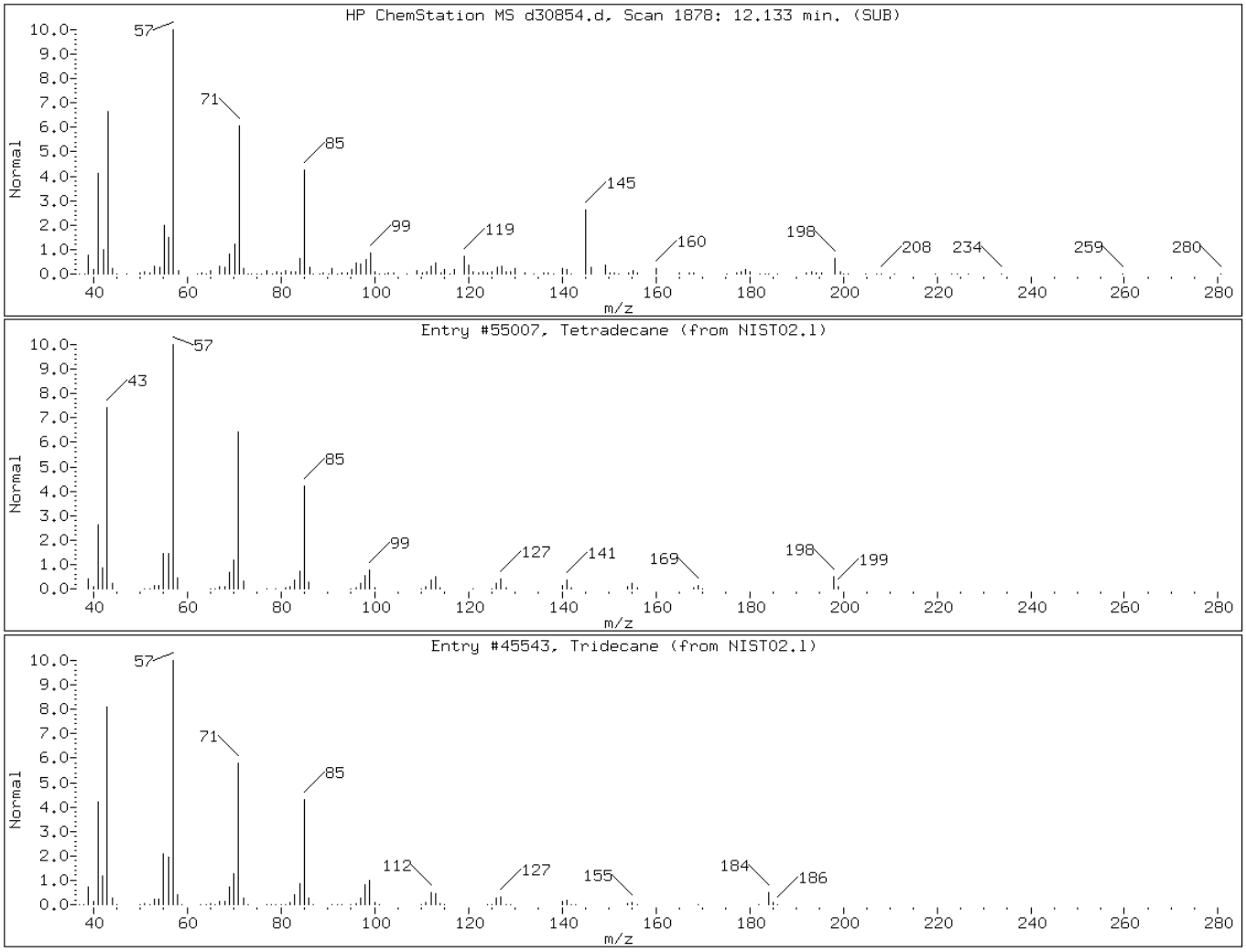
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 12.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55007	93	C14H30	198
Tridecane	629-50-5	NIST02.l	45543	58	C13H28	184



Data File: d30854.d

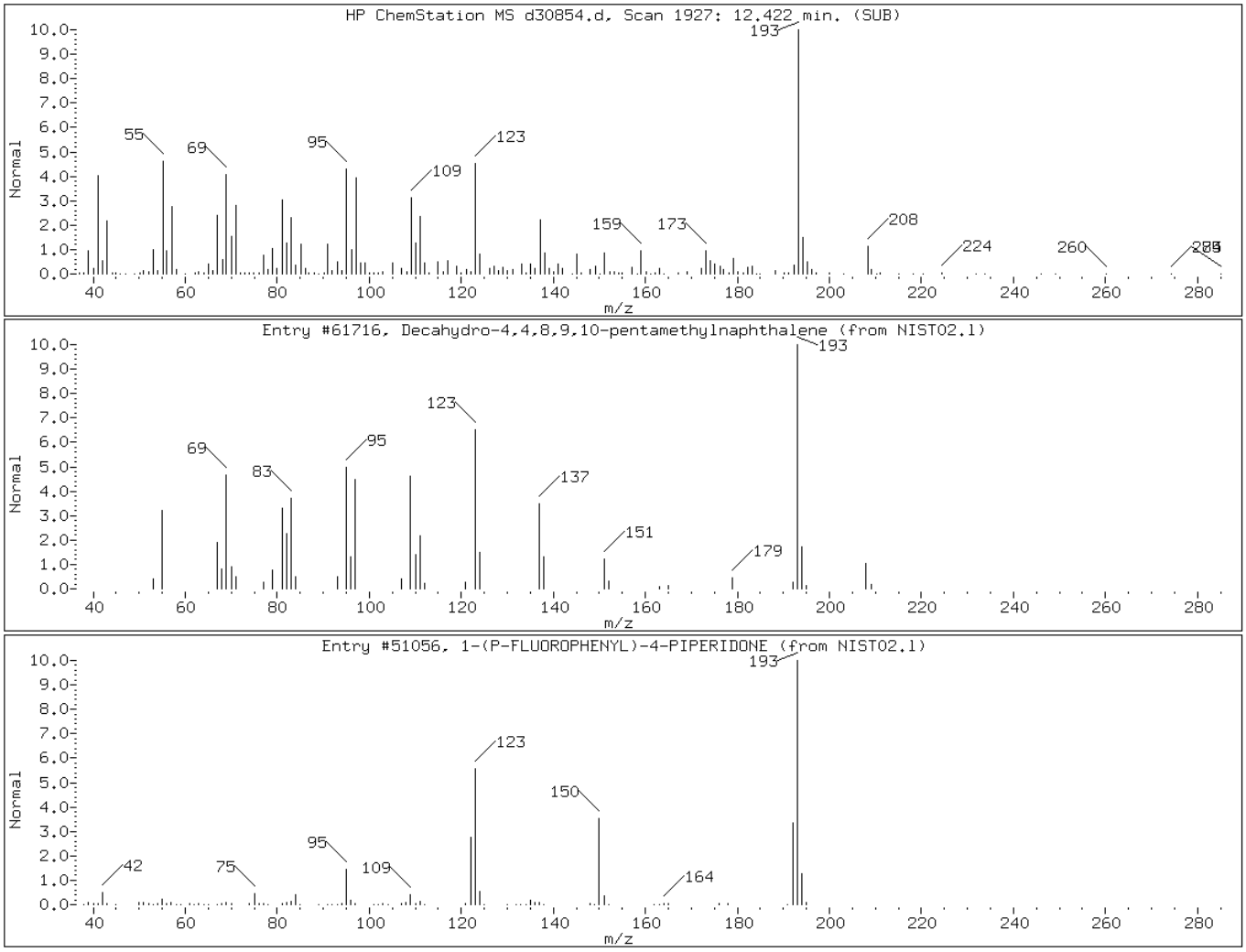
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 12.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	96	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	43	C11H12FNO	193



Data File: d30854.d

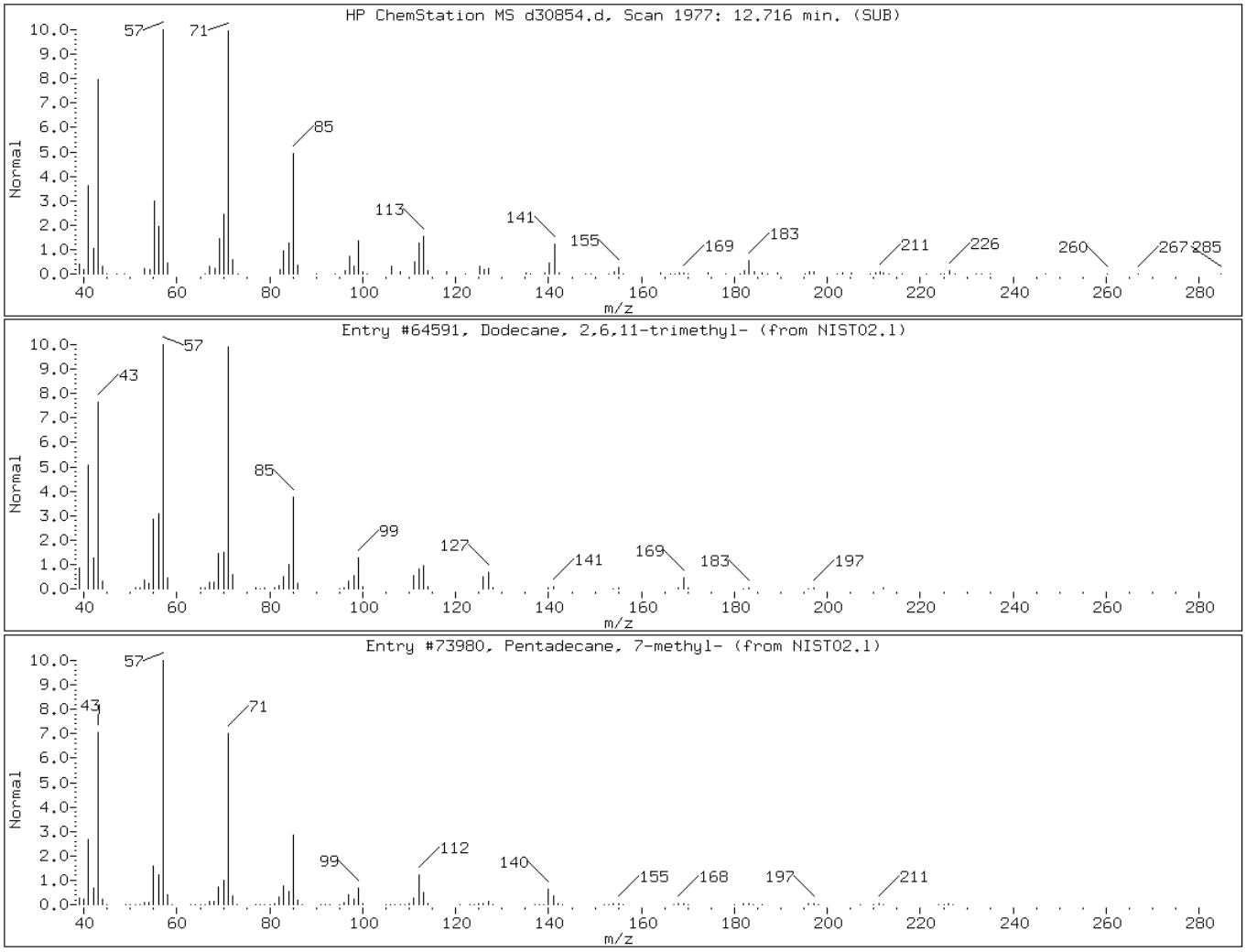
Date: 23-MAR-2013 15:49

Client ID: PMP-28-NE-SI Instrument: VOAMS4.i

Sample Info: 460-52450-D-43-A;;;6.80;5 Operator: VOAMS 9

Retention Time: 12.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	90	C15H32	212
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	90	C16H34	226



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD | Lab Sample ID: 460-52450-44

Matrix: Solid | Lab File ID: o71649.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:50

Sample wt/vol: 5.5(g) | Date Analyzed: 03/25/2013 20:57

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.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.0	0.17
120-82-1	1,2,4-Trichlorobenzene	1.3		1.0	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
106-93-4	1,2-Dibromoethane	0.16	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.17	U	1.0	0.17
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
123-91-1	1,4-Dioxane	13	U	52	13
78-93-3	2-Butanone	1.8	J	10	0.65
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
67-64-1	Acetone	5.3	J B	10	1.7
71-43-2	Benzene	0.16	U	1.0	0.16
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33
75-25-2	Bromoform	0.18	U	1.0	0.18
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.0	0.16
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
75-00-3	Chloroethane	0.34	U	1.0	0.34
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.17	U	1.0	0.17
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.13	U	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
100-41-4	Ethylbenzene	0.18	U	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD | Lab Sample ID: 460-52450-44

Matrix: Solid | Lab File ID: o71649.d

Analysis Method: 8260B | Date Collected: 03/14/2013 17:50

Sample wt/vol: 5.5(g) | Date Analyzed: 03/25/2013 20:57

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.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
75-09-2	Methylene Chloride	0.86	J B	1.0	0.16
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.29	U	1.0	0.29
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD Lab Sample ID: 460-52450-44

Matrix: Solid Lab File ID: o71649.d

Analysis Method: 8260B Date Collected: 03/14/2013 17:50

Sample wt/vol: 5.5(g) Date Analyzed: 03/25/2013 20:57

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.: 152683 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 198

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-1	12.46	16	J
	Unknown Alkane	13.15	20	J
	Unknown Cycloalkane	13.41	14	J
	Unknown Alkane-1	13.49	26	J
	Unknown Alkane-2	13.66	27	J
	Unknown-1	13.89	16	J
	Unknown Alkane-3	14.44	24	J
	C14H30 Alkane	14.58	15	J
	Unknown-3	14.68	17	J
	Unknown Alkane-4	14.98	23	J

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71649.d
Report Date: 27-Mar-2013 11:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71649.d
Lab Smp Id: 460-52450-E-44-A Client Smp ID: PMP-28-NE-SD
Inj Date : 25-MAR-2013 20:57
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-52450-E-44-A;;;5.50;5
Misc Info : 460-52450-E-44-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/8260L_10.m
Meth Date : 25-Mar-2013 16:37 audberto Quant Type: ISTD
Cal Date : 09-MAR-2013 08:54 Cal File: o70919.d
Als bottle: 12
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	5.50000	Weight of sample extracted (g)
M	12.10938	% 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	1.646	(0.447)	6644	5.13240	5.3(a)
	6 Methylene Chloride	84	1.883	1.876	(0.512)	3388	0.82985	0.86(a)
	18 2-Butanone	72	2.764	2.757	(0.751)	711	1.76672	1.8(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.387	3.380	(0.920)	116589	49.7857	51
*	69 Fluorobenzene	96	3.681	3.674	(1.000)	681110	50.0000	
$	37 Toluene-d8 (SUR)	98	5.357	5.357	(0.740)	429368	46.4408	48
*	32 Chlorobenzene-d5	117	7.241	7.234	(1.000)	495869	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.039	9.039	(0.829)	209132	47.1203	49
*	91 1,4-Dichlorobenzene-d4	152	10.901	10.901	(1.000)	282911	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.251	13.251	(1.216)	9630	1.20879	1.2

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71649.d
Report Date: 27-Mar-2013 11:19

QC Flag Legend

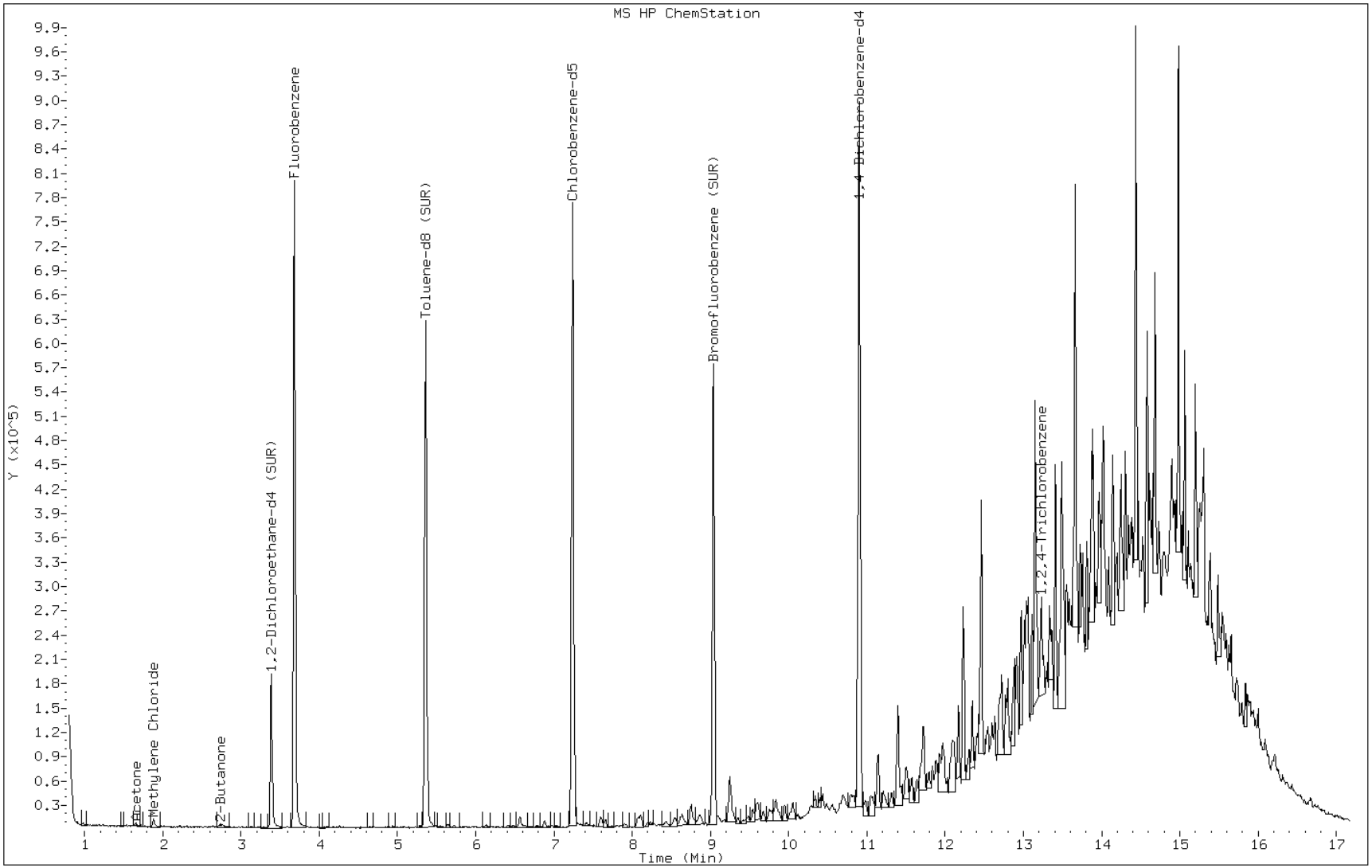
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o71649.d

Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9



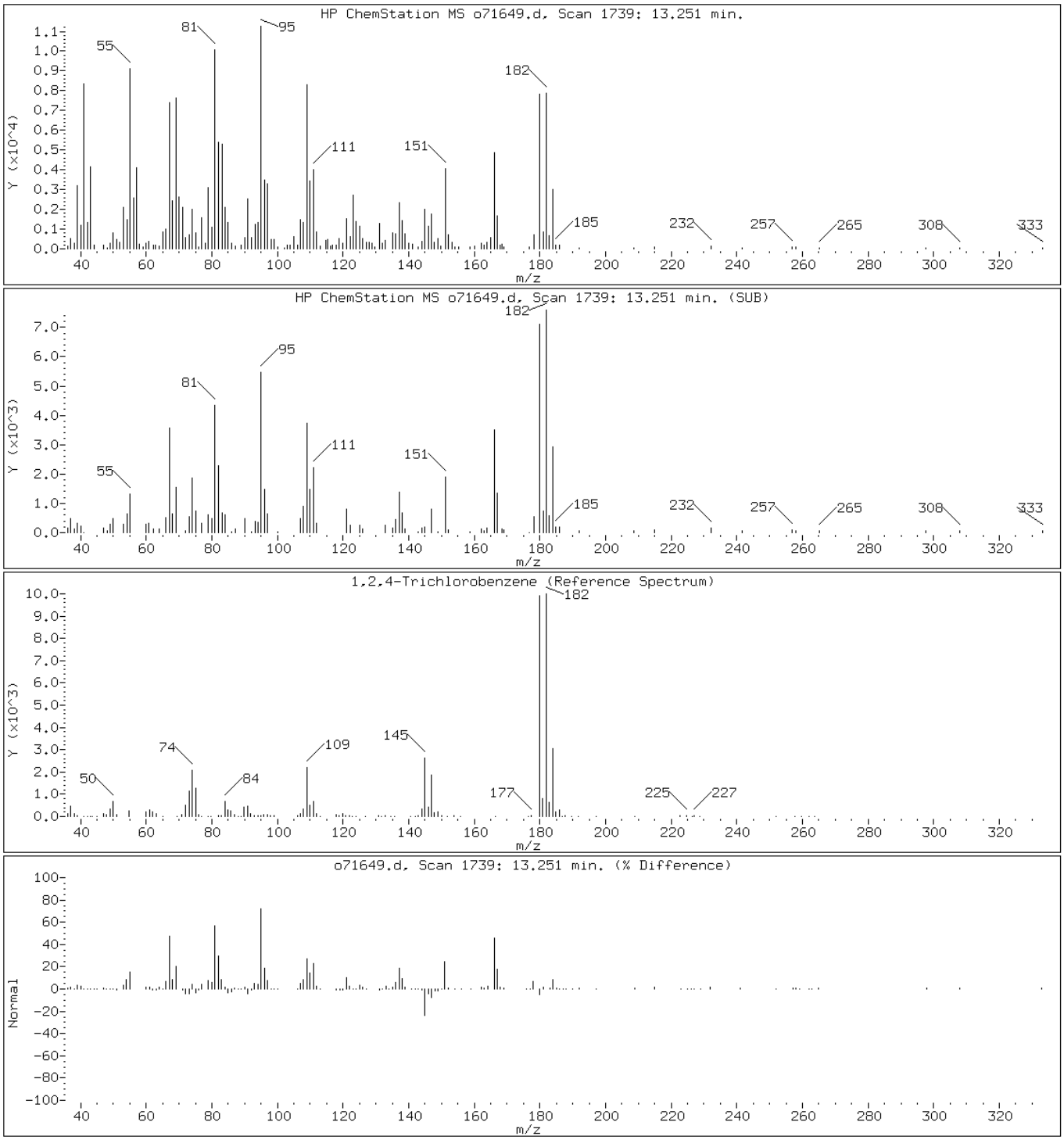
Data File: o71649.d

Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



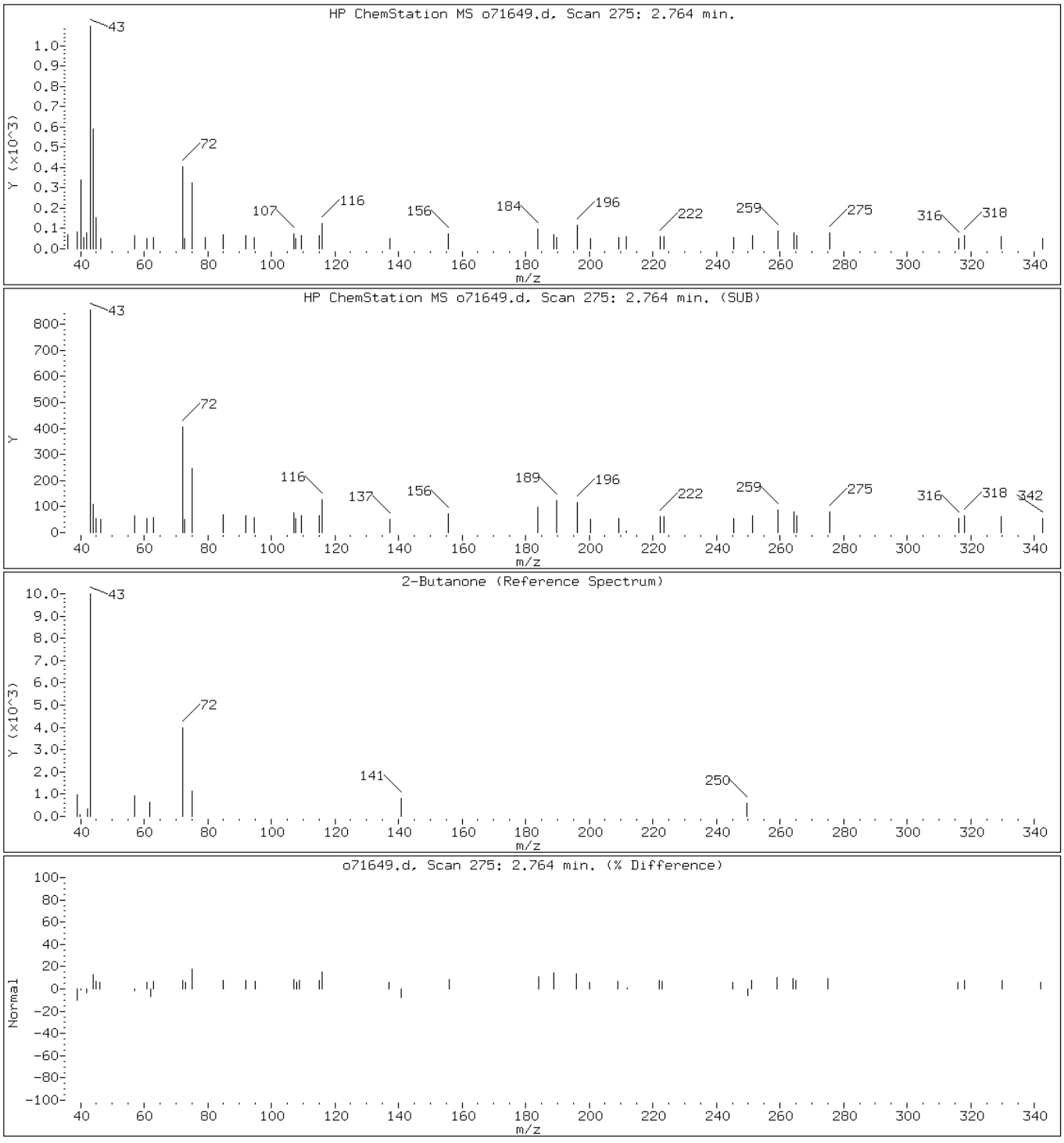
Data File: o71649.d

Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

18 2-Butanone



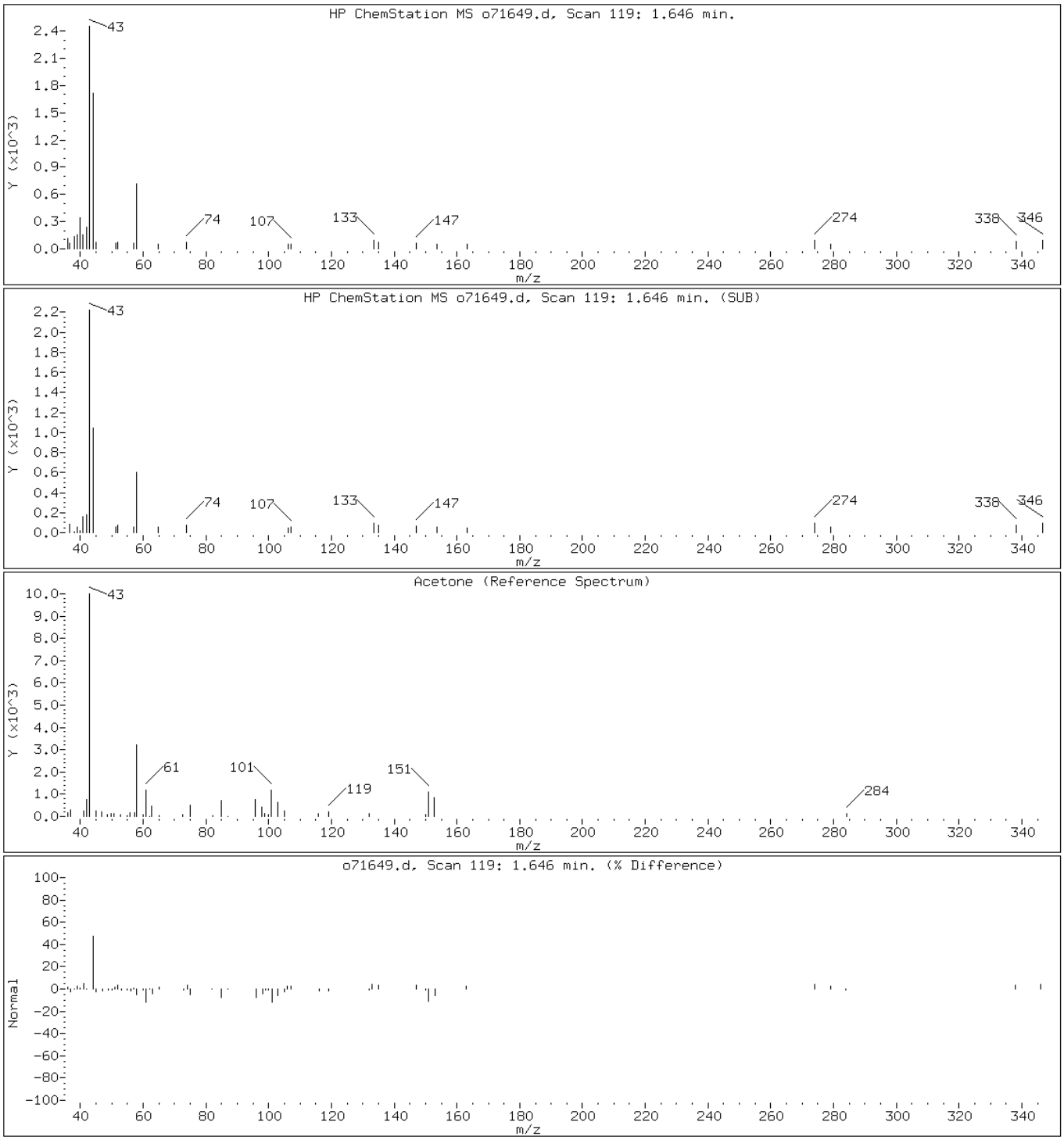
Data File: o71649.d

Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

7 Acetone



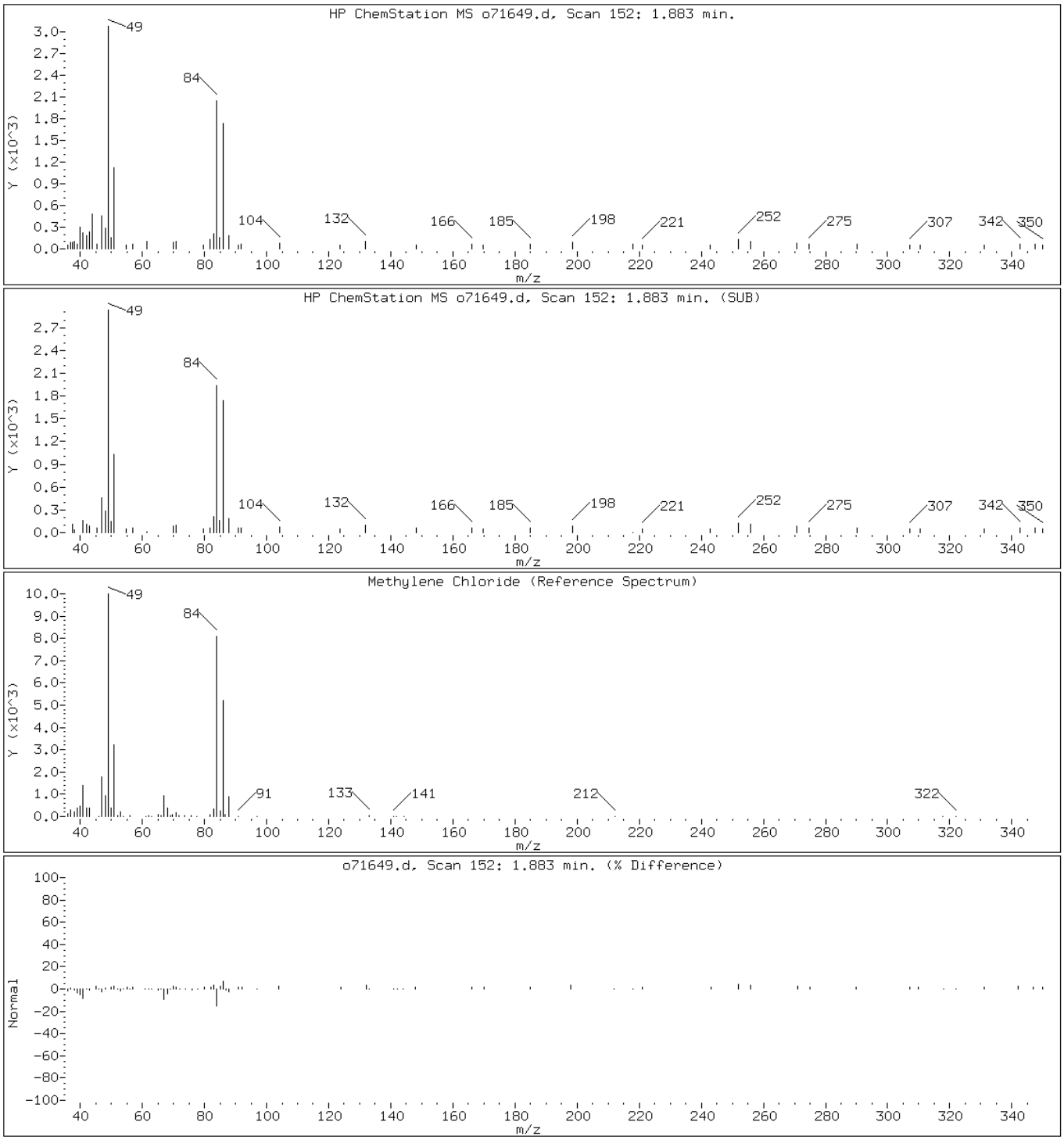
Data File: o71649.d

Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

6 Methylene Chloride



Data File: o71649.d

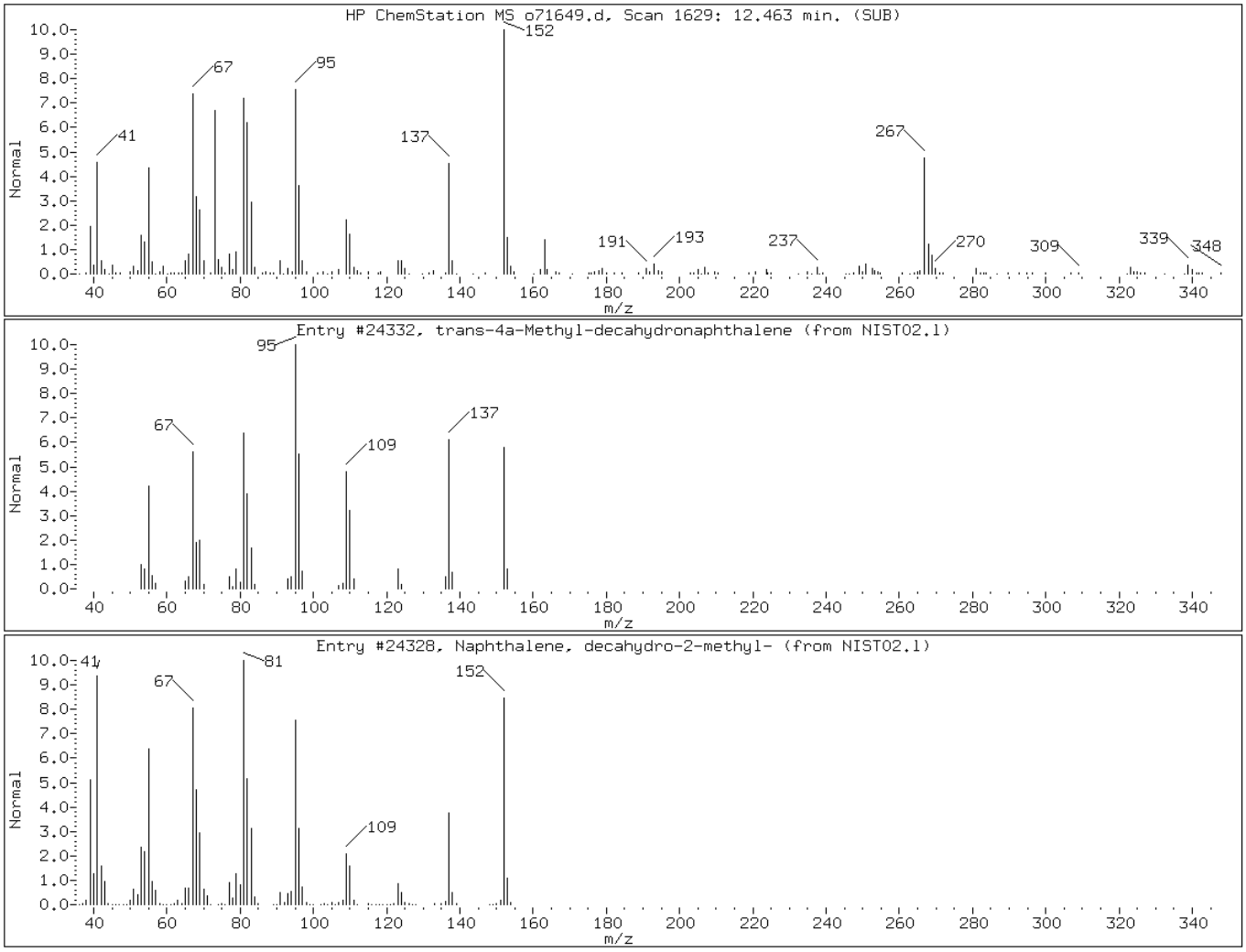
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 12.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
trans-4a-Methyl-decahydronaphthale	2547-27-5	NIST02.l	24332	90	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	86	C11H20	152



Data File: o71649.d

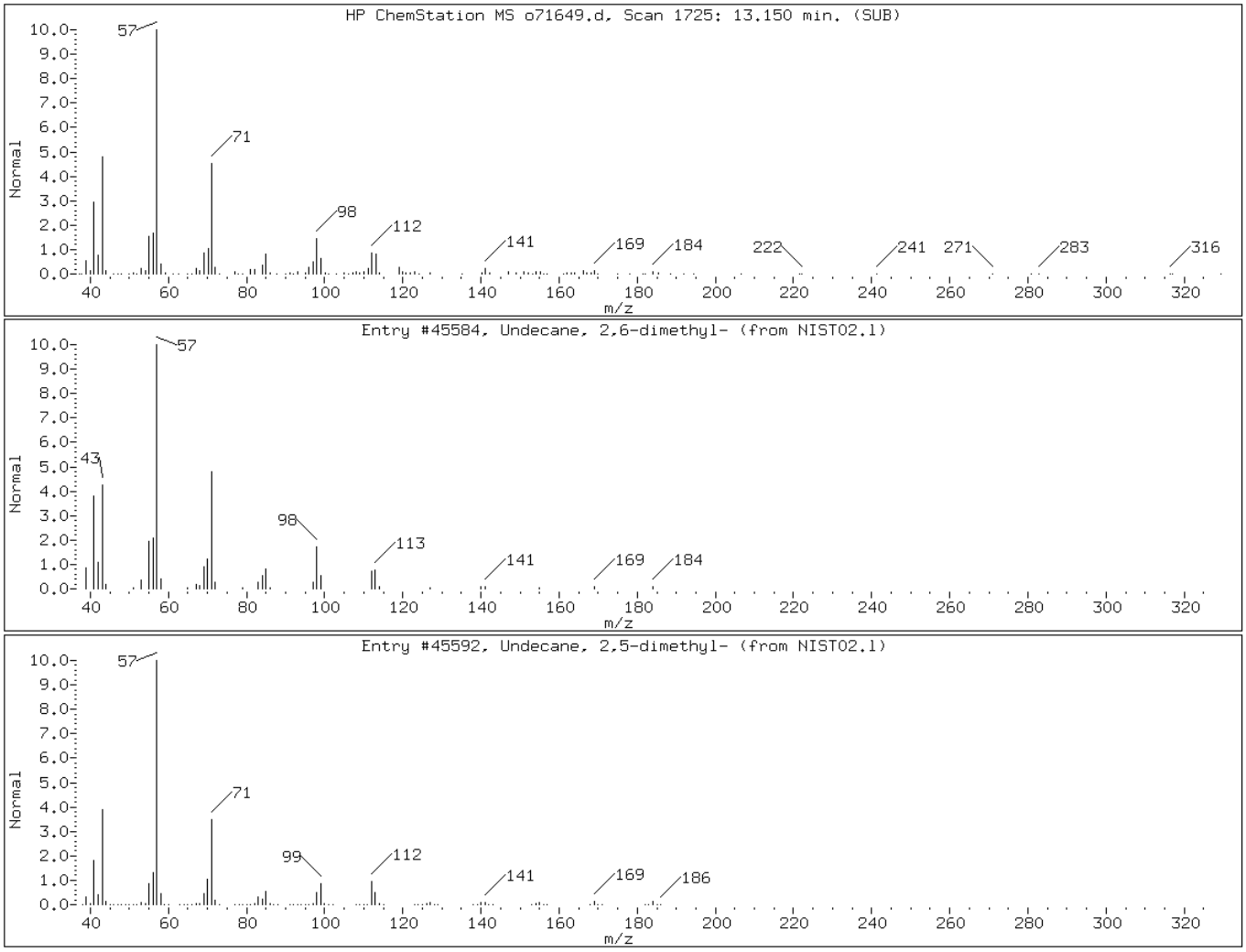
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 13.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	97	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	87	C13H28	184



Data File: o71649.d

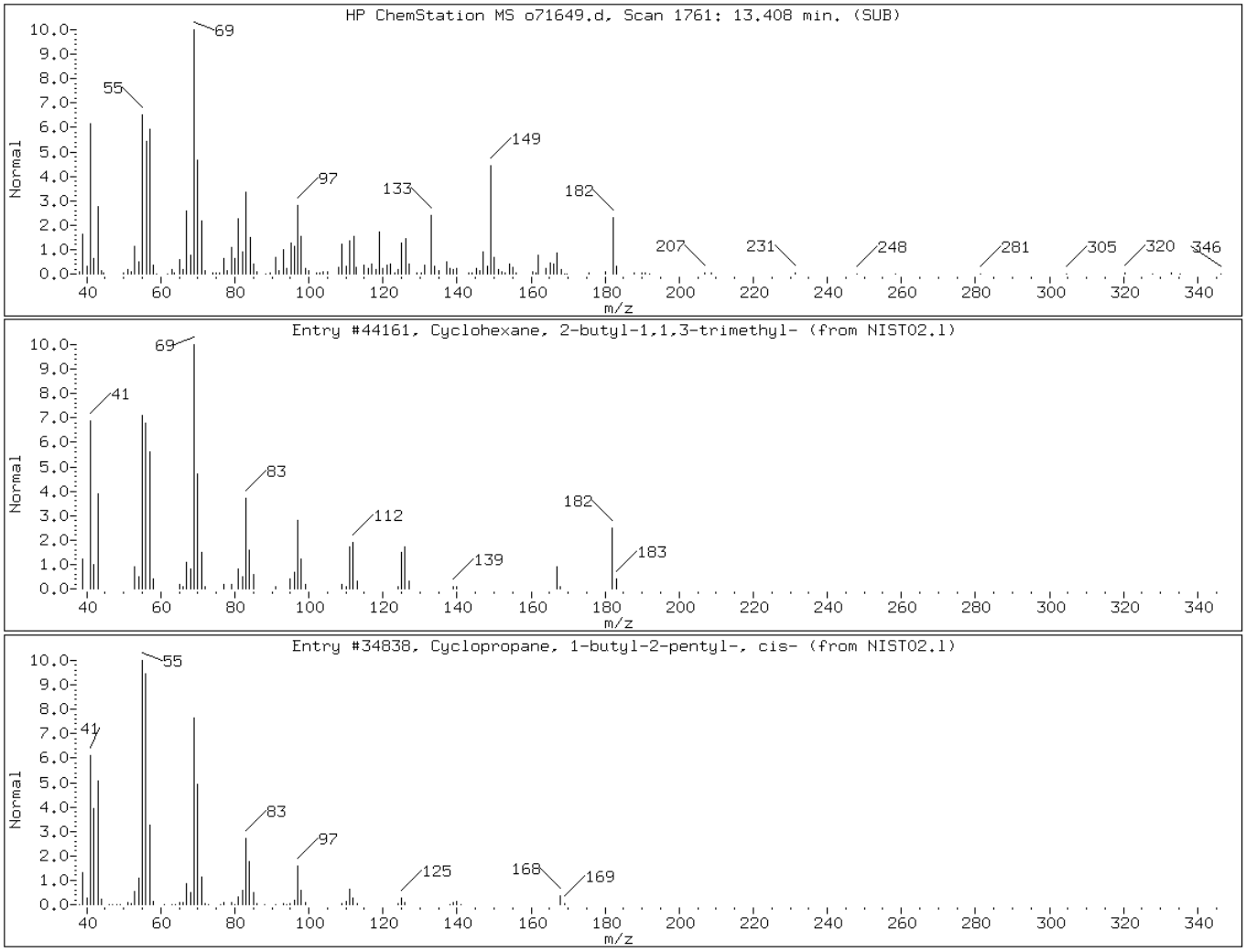
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 13.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44161	86	C13H26	182
Cyclopropane, 1-butyl-2-pentyl-, c	74663-88-0	NIST02.l	34838	53	C12H24	168



Data File: o71649.d

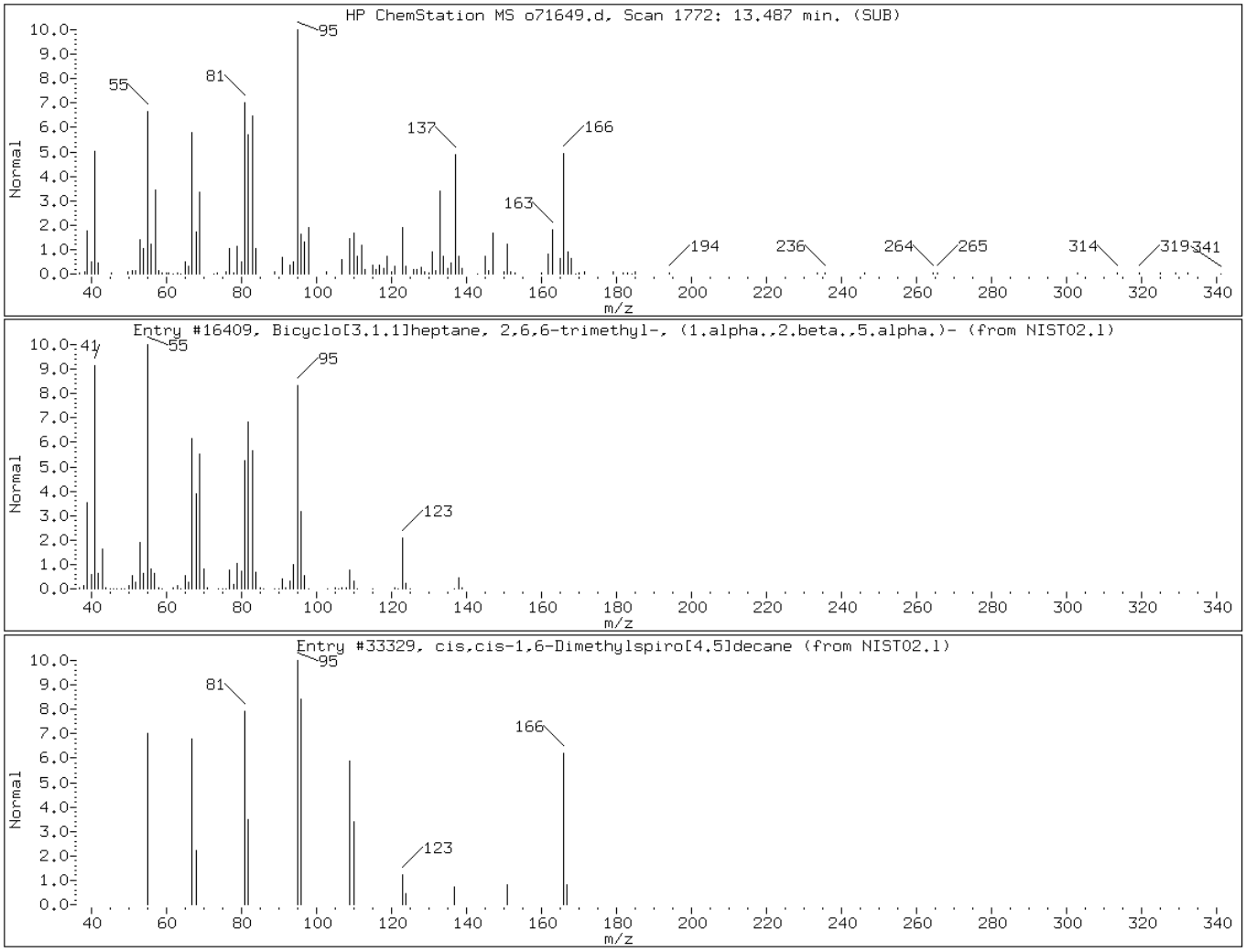
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 13.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Bicyclo[3.1.1]heptane, 2,6,6-trime	6876-13-7	NIST02.l	16409	60	C10H18	138
cis,cis-1,6-Dimethylspiro[4.5]deca	1000111-72-4	NIST02.l	33329	53	C12H22	166



Data File: o71649.d

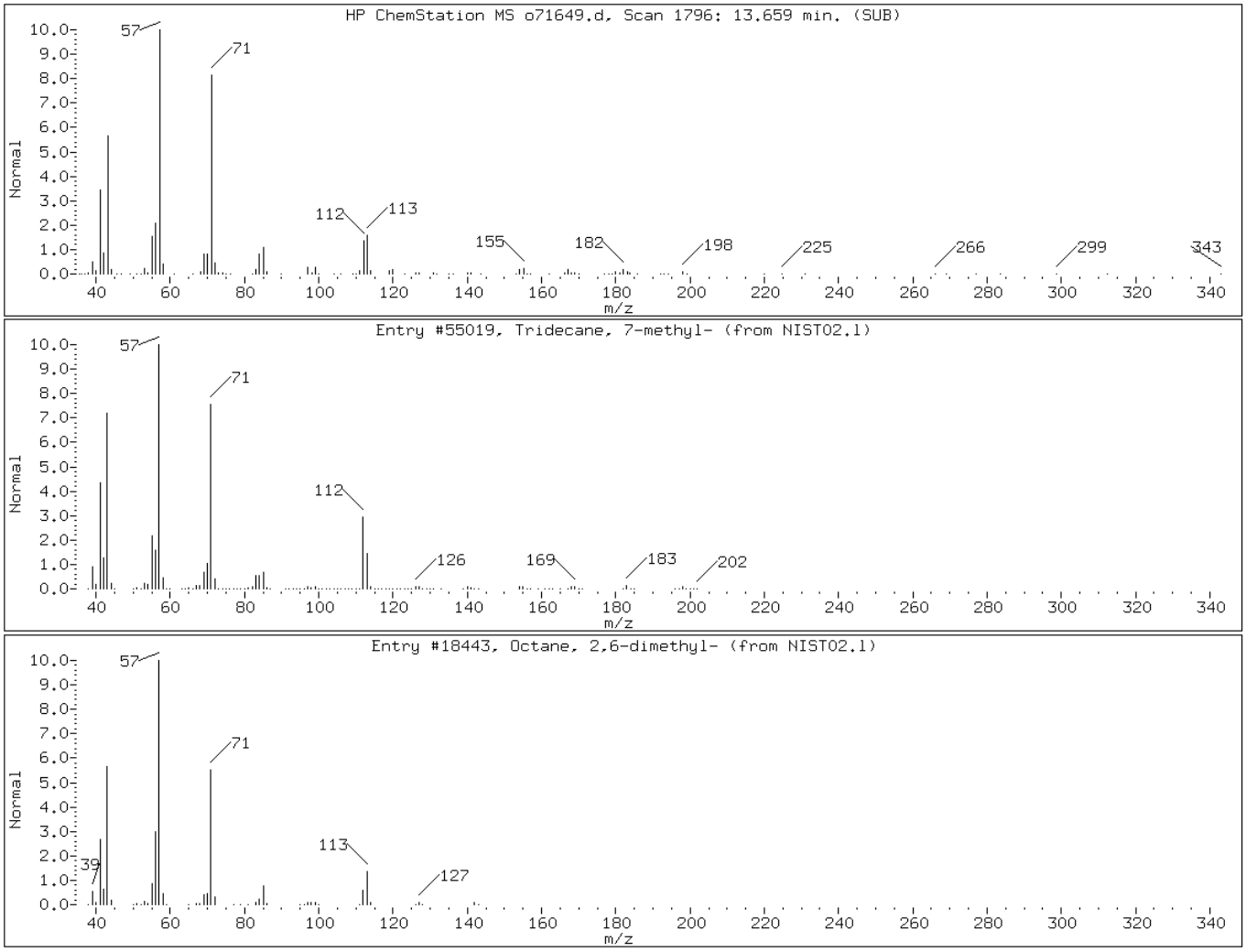
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 13.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	87	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	83	C10H22	142



Data File: o71649.d

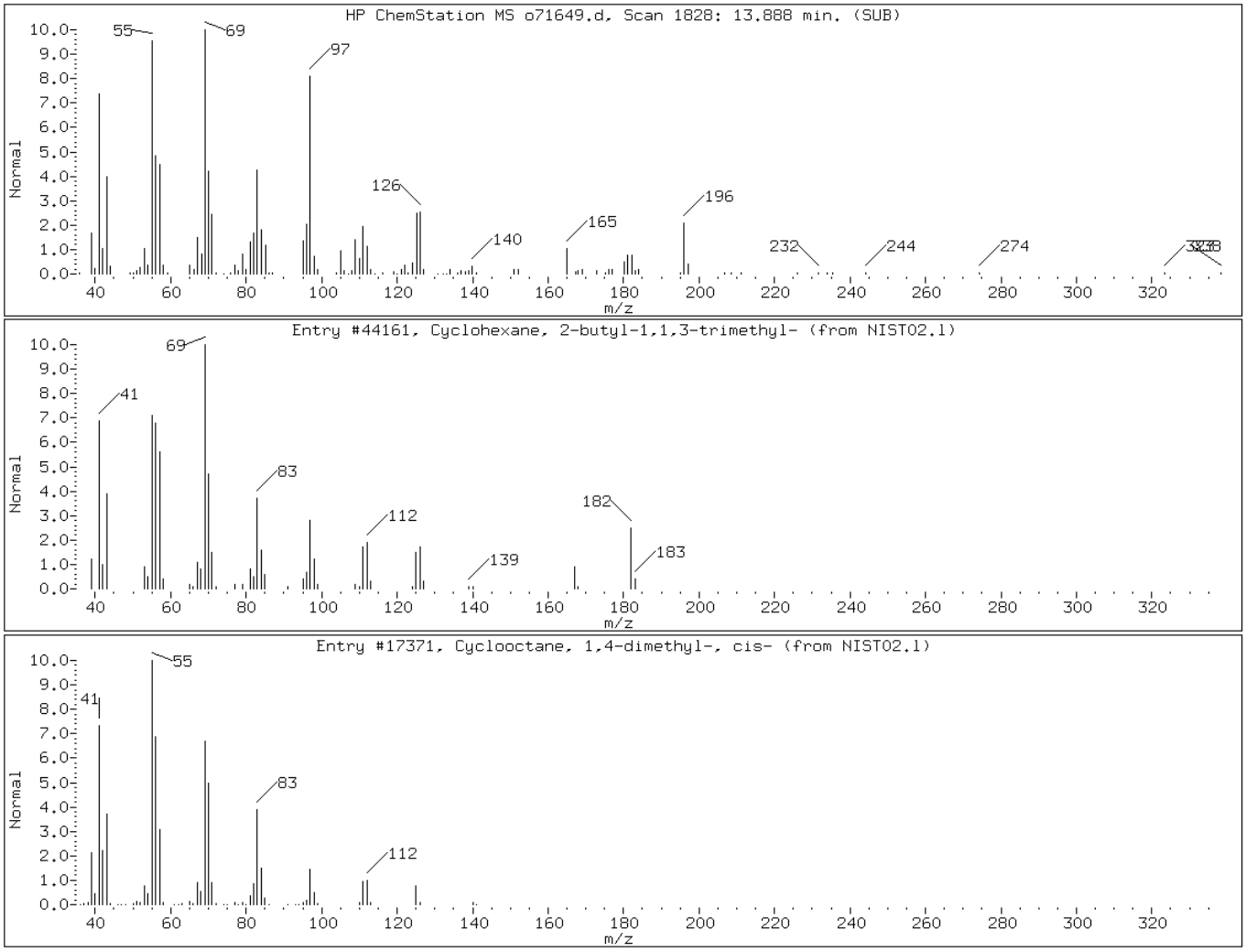
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 13.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44161	58	C13H26	182
Cyclooctane, 1,4-dimethyl-, cis-	13151-99-0	NIST02.l	17371	45	C10H20	140



Data File: o71649.d

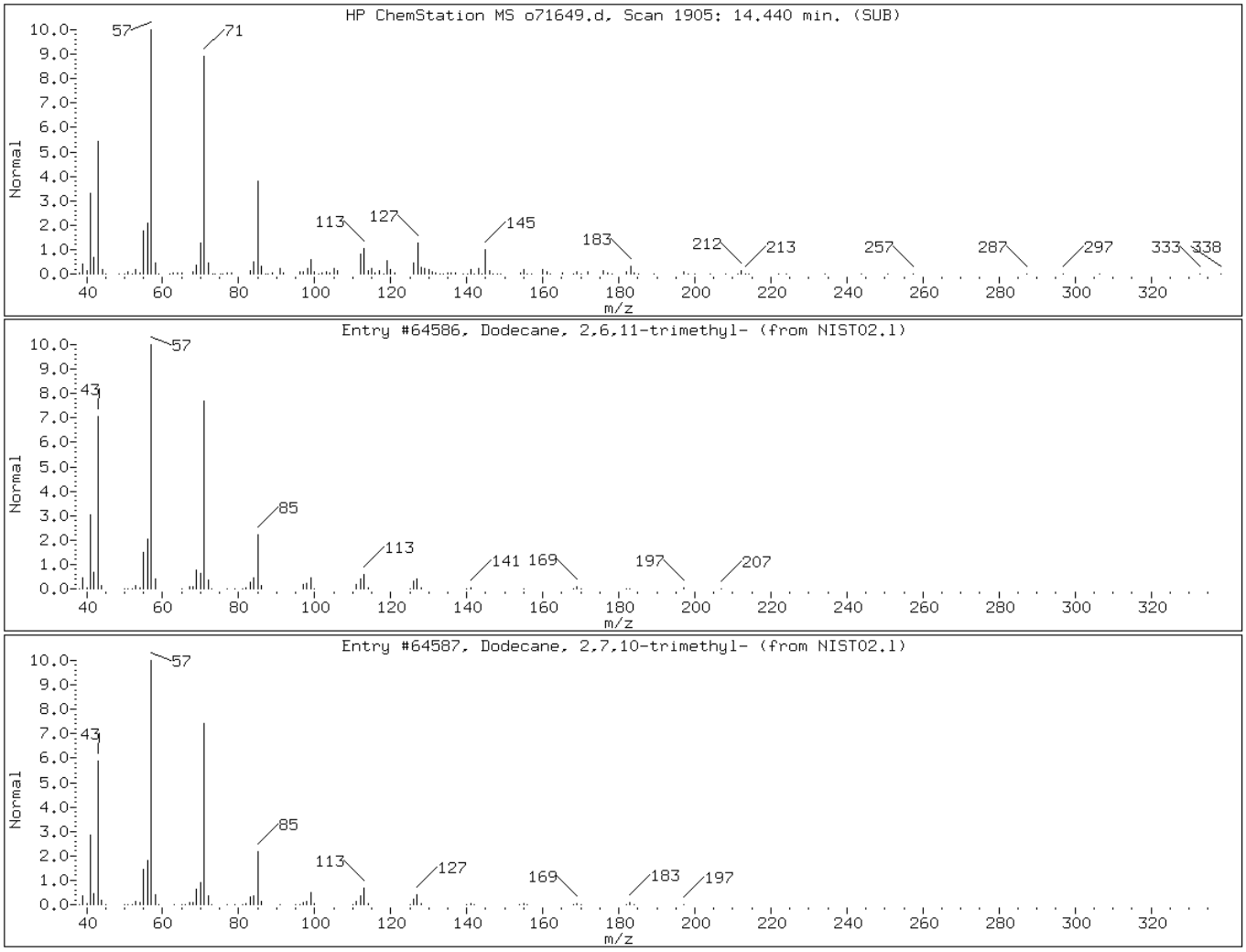
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 14.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	80	C15H32	212
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	64	C15H32	212



Data File: o71649.d

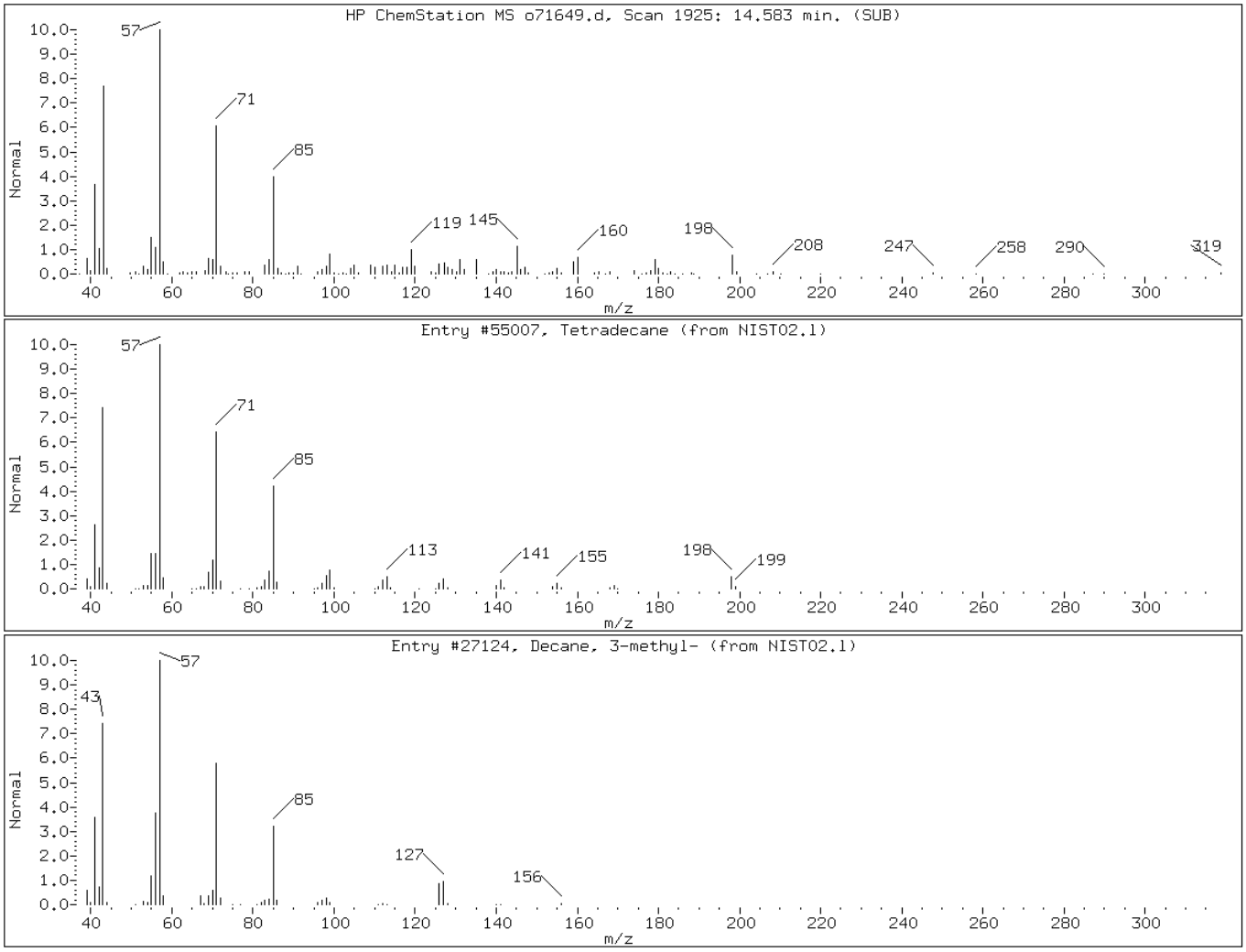
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 14.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55007	86	C14H30	198
Decane, 3-methyl-	13151-34-3	NIST02.l	27124	58	C11H24	156



Data File: o71649.d

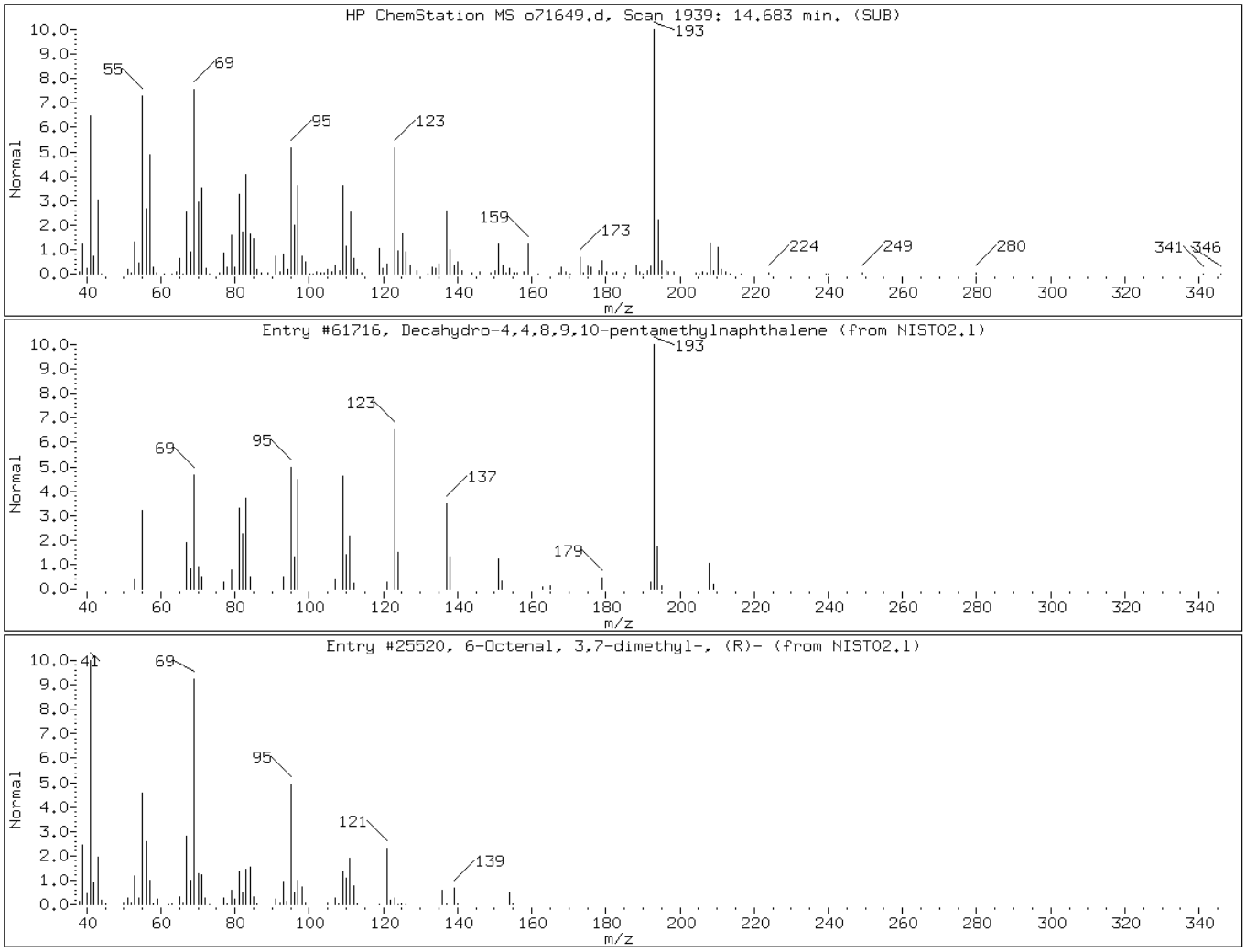
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 14.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	95	C15H28	208
6-Octenal, 3,7-dimethyl-, (R)-	2385-77-5	NIST02.l	25520	30	C10H18O	154



Data File: o71649.d

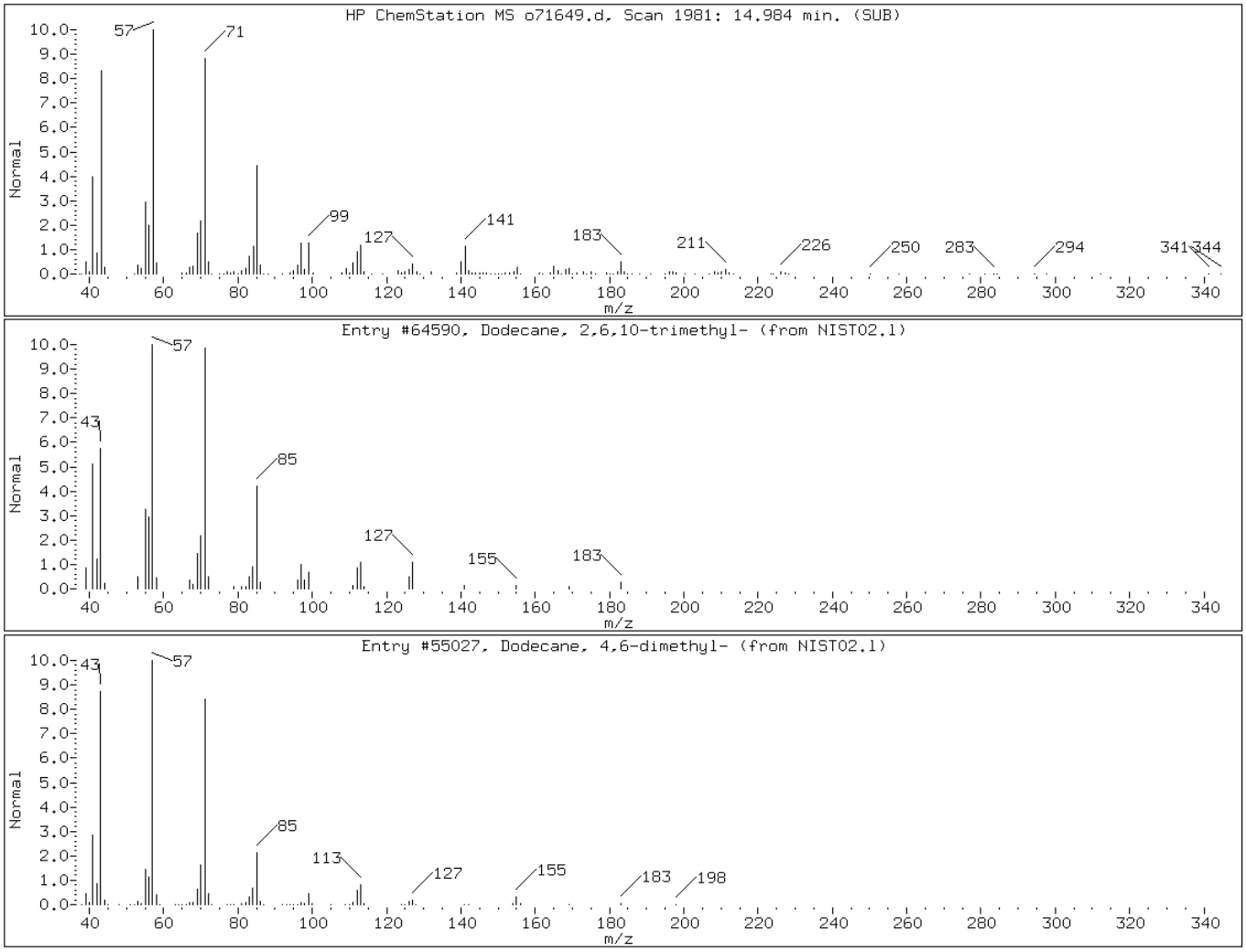
Date: 25-MAR-2013 20:57

Client ID: PMP-28-NE-SD Instrument: VOAMS12.i

Sample Info: 460-52450-E-44-A;;;5.50;5 Operator: VOAMS 9

Retention Time: 14.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	90	C15H32	212
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55027	81	C14H30	198



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 Lab Sample ID: 460-52450-45

Matrix: Water Lab File ID: k11008.d

Analysis Method: 8260B Date Collected: 03/15/2013 07:30

Sample wt/vol: 5(mL) Date Analyzed: 03/20/2013 11:28

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.: 151859 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
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
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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 | Lab Sample ID: 460-52450-45

Matrix: Water | Lab File ID: k11008.d

Analysis Method: 8260B | Date Collected: 03/15/2013 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/20/2013 11:28

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.: 151859 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
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)	110		70-130
2037-26-5	Toluene-d8 (Surr)	84		70-130
460-00-4	Bromofluorobenzene	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 Lab Sample ID: 460-52450-45

Matrix: Water Lab File ID: k11008.d

Analysis Method: 8260B Date Collected: 03/15/2013 07:30

Sample wt/vol: 5(mL) Date Analyzed: 03/20/2013 11:28

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.: 151859 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11008.d
Report Date: 20-Mar-2013 12:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11008.d
Lab Smp Id: 460-52450-A-45 Client Smp ID: FB_031513
Inj Date : 20-MAR-2013 11:28
Operator : Inst ID: VOAMS9.i
Smp Info : 460-52450-A-45
Misc Info : 460-52450-A-45
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/8260_09.m
Meth Date : 20-Mar-2013 09:34 desais Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

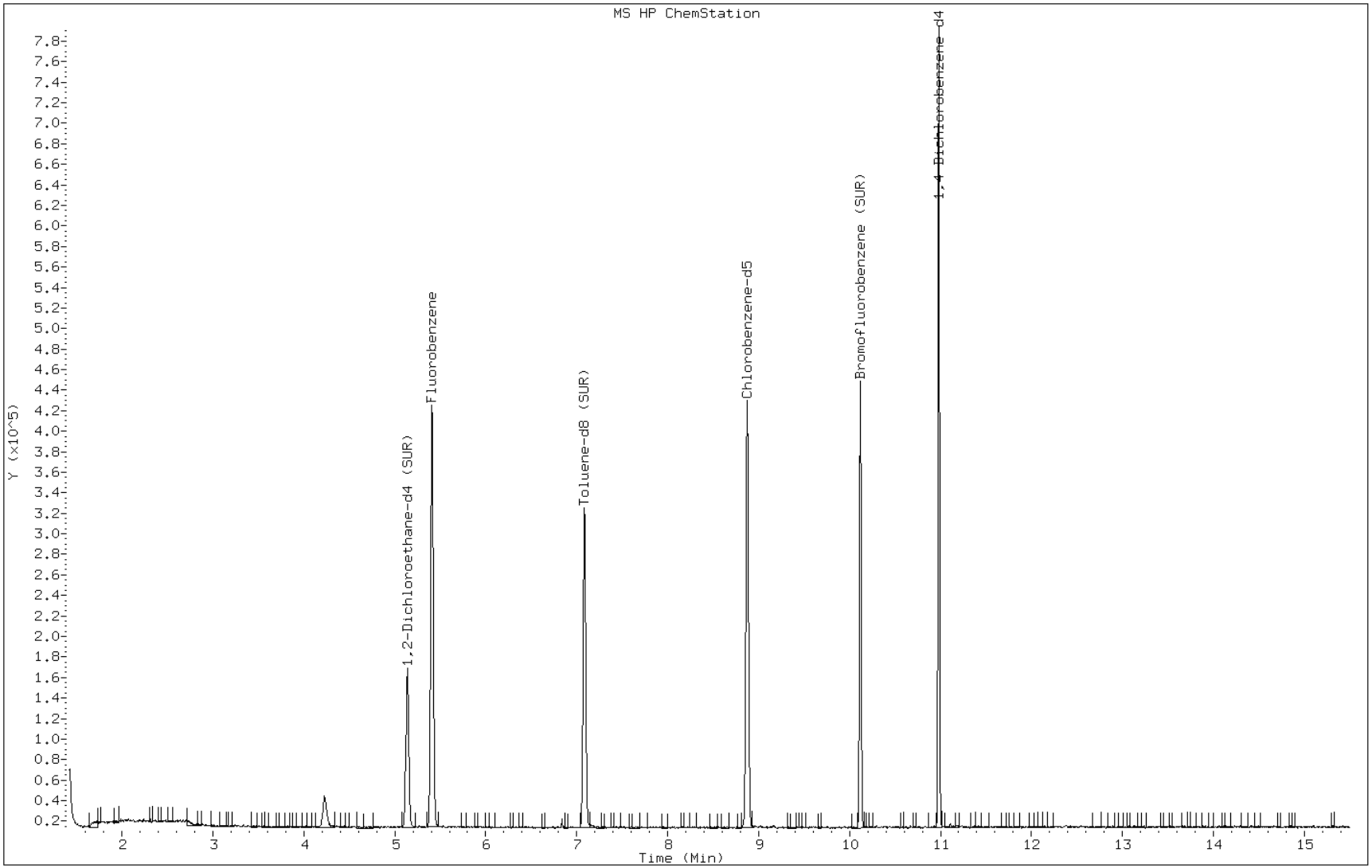
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.131	(0.950)	120851	54.9307	55
* 52 Fluorobenzene	96	5.409	5.404	(1.000)	342008	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.078	(0.798)	198716	42.1815	42
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	217458	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	69753	50.3543	50
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	100018	50.0000	

Data File: k11008.d

Date: 20-MAR-2013 11:28

Client ID: FB_031513 Instrument: VOAMS9.i

Sample Info: 460-52450-A-45 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 460-52450-46

Matrix: Solid Lab File ID: d30814.d

Analysis Method: 8260B Date Collected: 03/15/2013 00:00

Sample wt/vol: 5(g) Date Analyzed: 03/23/2013 00:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 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	1.0	B	1.0	0.15
67-64-1	Acetone	5.3	J B	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
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
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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 460-52450-46

Matrix: Solid | Lab File ID: d30814.d

Analysis Method: 8260B | Date Collected: 03/15/2013 00:00

Sample wt/vol: 5(g) | Date Analyzed: 03/23/2013 00:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 152393 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
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)	101		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 460-52450-46

Matrix: Solid Lab File ID: d30814.d

Analysis Method: 8260B Date Collected: 03/15/2013 00:00

Sample wt/vol: 5(g) Date Analyzed: 03/23/2013 00:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30814.d
Report Date: 25-Mar-2013 12:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30814.d
Lab Smp Id: 460-52450-C-46-A Client Smp ID: TRIP BLANK
Inj Date : 23-MAR-2013 00:27
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-52450-C-46-A;;;5.00;5
Misc Info : 460-52450-C-46-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 8
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)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.469	2.457	(0.542)	3276	1.03475	1.0
	7 Acetone	43	2.516	2.510	(0.553)	5565	5.28640	5.3(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.292	4.287	(0.943)	86530	50.5428	50
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	411860	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	314427	45.8041	46
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	268225	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	143539	45.7612	46
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	151668	50.0000	

QC Flag Legend

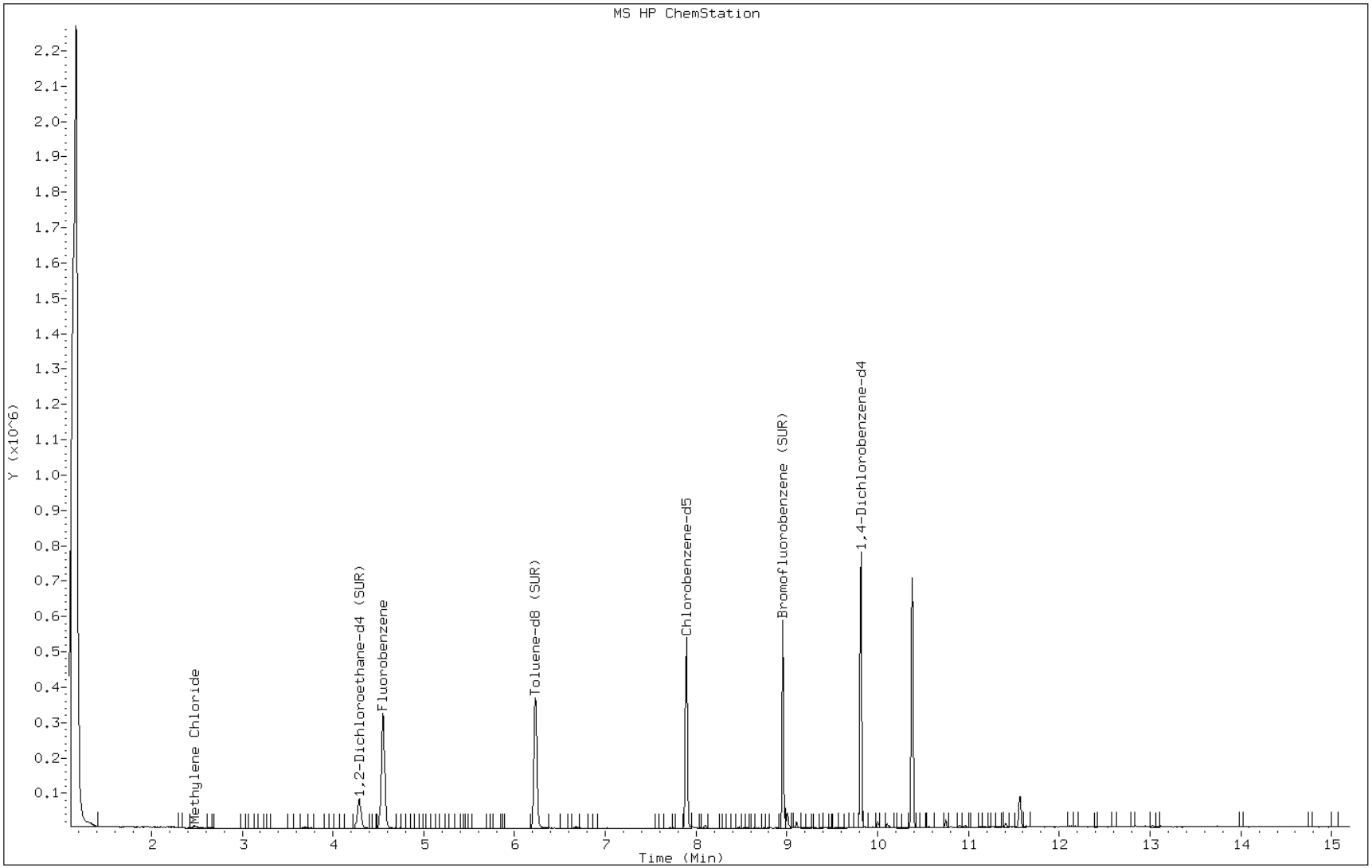
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d30814.d

Date: 23-MAR-2013 00:27

Client ID: TRIP BLANK Instrument: VOAMS4.i

Sample Info: 460-52450-C-46-A;;;5.00;5 Operator: VOAMS 9



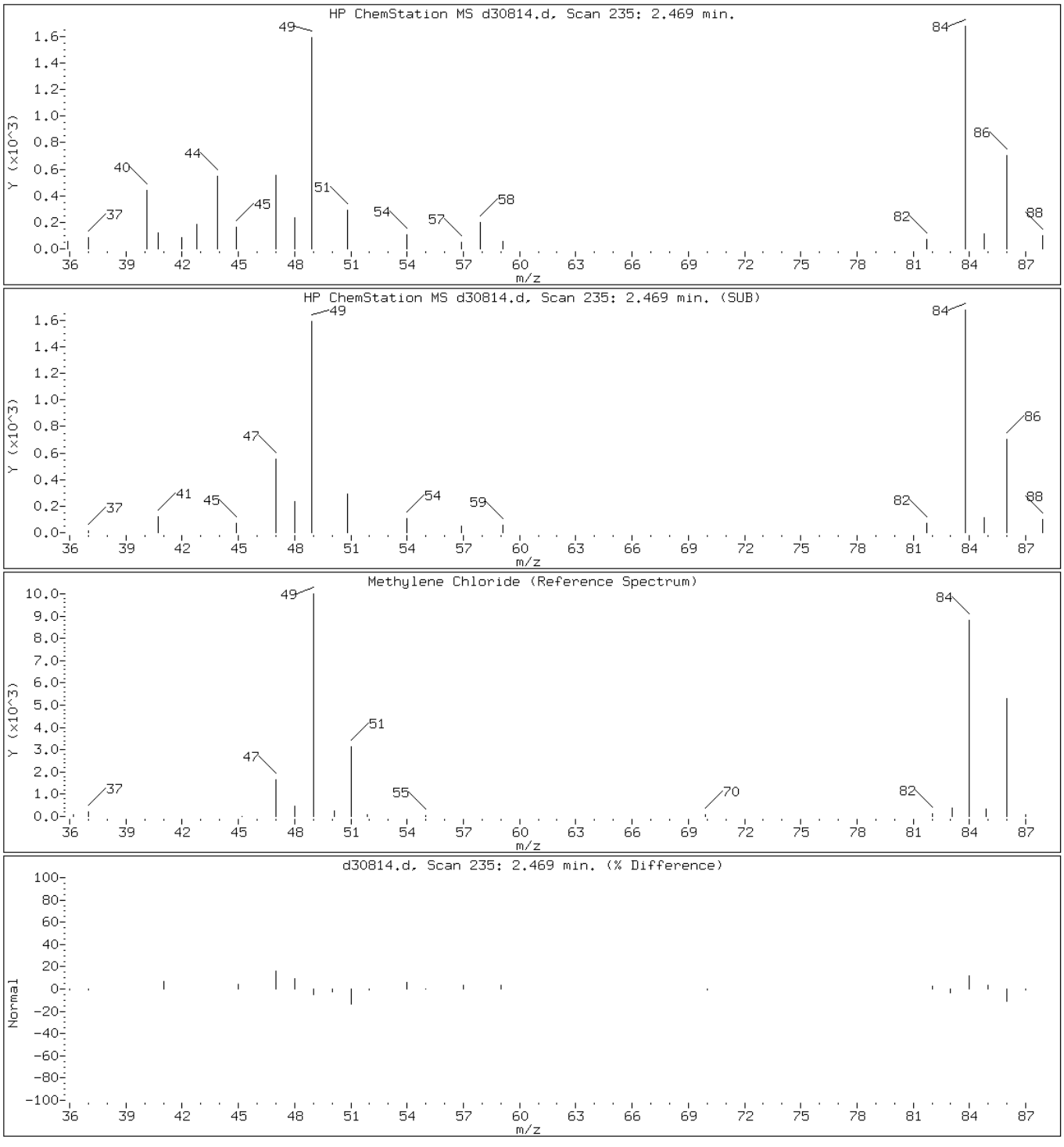
Data File: d30814.d

Date: 23-MAR-2013 00:27

Client ID: TRIP BLANK Instrument: VOAMS4.i

Sample Info: 460-52450-C-46-A;;;5.00;5 Operator: VOAMS 9

6 Methylene Chloride



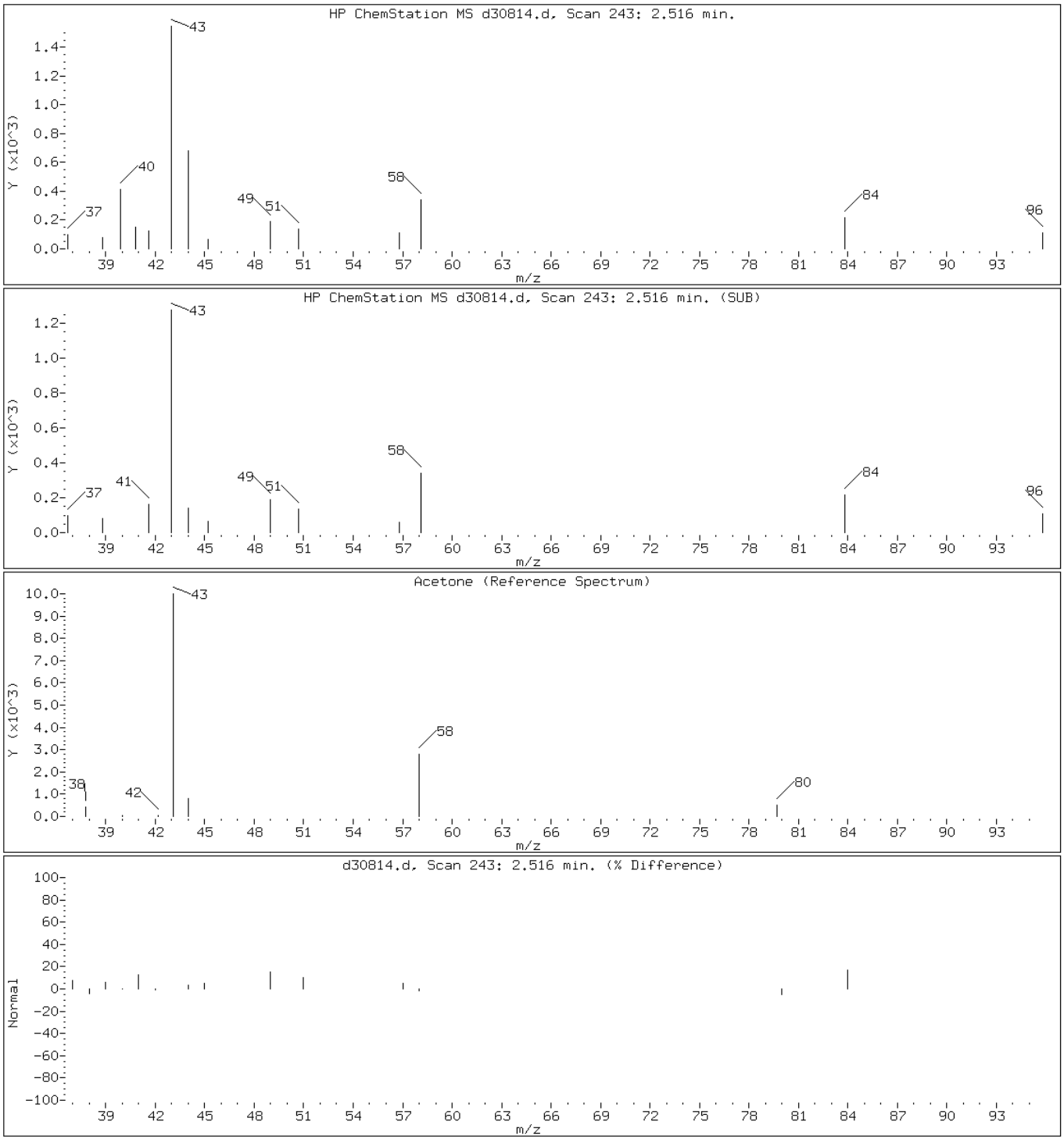
Data File: d30814.d

Date: 23-MAR-2013 00:27

Client ID: TRIP BLANK Instrument: VOAMS4.i

Sample Info: 460-52450-C-46-A;;;5.00;5 Operator: VOAMS 9

7 Acetone



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150399/4	o70916.d
Level 2	IC 460-150399/3	o70914.d
Level 3	ICIS 460-150399/2	o70913.d
Level 4	IC 460-150399/5	o70917.d
Level 5	IC 460-150399/6	o70918.d
Level 6	IC 460-150399/7	o70919.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	0.3186 0.3101	0.3053	0.3274	0.3231	0.3072	Ave		0.3153				2.9		15.0			
Chloromethane	0.4802 0.4047	0.4142	0.4342	0.4346	0.4074	Ave		0.4292			0.1000	6.6		15.0			
Vinyl chloride	0.3547 0.3635	0.3567	0.3799	0.3770	0.3717	Ave		0.3673				2.9		30.0			
Bromomethane	0.3480 0.2301	0.2701	0.2372	0.2118	0.2179	LinF		0.2284							0.9994		0.9900
Chloroethane	0.2453 0.2124	0.1920	0.2123	0.2069	0.2173	Ave		0.2144				8.2		15.0			
Dichlorofluoromethane	0.6171 0.5461	0.5928	0.6065	0.5877	0.5640	Ave		0.5857				4.5		15.0			
Trichlorofluoromethane	0.5196 0.5521	0.4857	0.5733	0.5606	0.5601	Ave		0.5419				6.1		15.0			
n-Pentane	0.0816 0.0653	0.0762	0.0751	0.0740	0.0668	Ave		0.0732				8.4		15.0			
Isopropene	0.4337 0.4277	0.4645	0.4727	0.4760	0.4370	Ave		0.4519				4.8		15.0			
Ethyl ether	0.2493 0.2038	0.2136	0.2338	0.2214	0.2147	Ave		0.2228				7.3		15.0			
Ethanol	0.0015 0.0017	0.0015	0.0014	0.0016	0.0015	Ave		0.0015				6.3		15.0			
Acrolein	0.0312 0.0353	0.0377	0.0358	0.0473	0.0363	Ave		0.0373				14.4		15.0			
Freon TF	0.3465 0.3070	0.3471	0.3421	0.3337	0.3132	Ave		0.3316				5.3		15.0			
1,1-Dichloroethene	0.1931 0.2508	0.2471	0.2564	0.2419	0.2446	Ave		0.2390				9.6		30.0			
Acetone	0.0987 0.0760	0.0952	0.1033	0.0960	0.1009	Ave		0.0950				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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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	0.4200 0.3718	0.2990	0.3230	0.3529	0.3987	Ave		0.3609				12.6		15.0			
Carbon disulfide	0.7612 0.9541	0.8423	0.9135	0.9032	0.9485	Ave		0.8871				8.3		15.0			
Acetonitrile	0.0393 0.0323	0.0353	0.0418	0.0391	0.0376	Ave		0.0376				8.9		15.0			
Methyl acetate	0.0626 0.0410	0.0501	0.0452	0.0457	0.0424	LinF		0.0412							0.9996		0.9900
Methylene Chloride	0.3582 0.2755	0.3013	0.3040	0.2777	0.2815	Ave		0.2997				10.4		15.0			
TBA	0.0467 0.0304	0.0335	0.0325	0.0307	0.0312	LinF		0.0306							0.9999		0.9900
trans-1,2-Dichloroethene	0.2590 0.3082	0.2860	0.3110	0.3032	0.3038	Ave		0.2952				6.7		15.0			
Acrylonitrile	0.0790 0.1033	0.0919	0.0859	0.1148	0.0983	Ave		0.0955				13.4		15.0			
MTBE	0.7855 0.7637	0.7770	0.8122	0.7724	0.7906	Ave		0.7836				2.2		15.0			
Hexane	0.2989 0.2490	0.2773	0.2915	0.2811	0.2638	Ave		0.2769				6.6		15.0			
1,1-Dichloroethane	0.4922 0.5548	0.5252	0.5716	0.5354	0.5492	Ave		0.5381			0.1000	5.1		15.0			
Vinyl acetate	0.8025 0.7867	0.8085	0.8102	0.7599	0.8226	Ave		0.7984				2.8		15.0			
DIPE	1.1519 0.9913	1.0492	1.0754	1.0458	1.0321	Ave		1.0576				5.1		15.0			
Tert-butyl ethyl ether	1.1559 0.8740	0.9550	0.9217	0.8865	0.8813	Ave		0.9457				11.4		15.0			
2,2-Dichloropropane	0.4303 0.4858	0.4676	0.4945	0.4667	0.4780	Ave		0.4705				4.8		15.0			
cis-1,2-Dichloroethene	0.3034 0.3339	0.3034	0.3342	0.3228	0.3255	Ave		0.3205				4.4		15.0			
2-Butanone	0.0270 0.0276	0.0316	0.0329	0.0273	0.0309	Ave		0.0295				8.6		15.0			
Ethyl acetate	0.0302 0.0240	0.0253	0.0266	0.0232	0.0245	Ave		0.0256				9.7		15.0			
Bromochloromethane	0.1303 0.1405	0.1347	0.1454	0.1354	0.1417	Ave		0.1380				4.0		15.0			
Tetrahydrofuran	0.0701 0.0830	0.0879	0.0914	0.0789	0.0850	Ave		0.0827				9.0		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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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	0.4636 0.5104	0.4415	0.5086	0.4829	0.4976	Ave		0.4841				5.6		30.0			
1,1,1-Trichloroethane	0.3885 0.4903	0.4209	0.4864	0.4550	0.4756	Ave		0.4528				9.0		15.0			
Cyclohexane	0.5797 0.5459	0.6027	0.6043	0.5841	0.5655	Ave		0.5804				3.8		15.0			
Carbon tetrachloride	0.2796 0.4403	0.3294	0.3926	0.3829	0.4174	LinF		0.4369							0.9993		0.9900
1,1-Dichloropropene	0.3455 0.3972	0.3640	0.3943	0.3754	0.3867	Ave		0.3772				5.3		15.0			
Benzene	1.0911 1.2167	1.1117	1.2426	1.1732	1.1973	Ave		1.1721				5.1		15.0			
1,2-Dichloroethane	0.3214 0.3384	0.2977	0.3494	0.3260	0.3357	Ave		0.3281				5.4		15.0			
Isopropyl acetate	0.9689 0.6186	0.6971	0.6707	0.6613	0.6230	LinF		0.6196							0.9999		0.9900
Tert-amyl methyl ether	0.8505 0.7531	0.7684	0.7960	0.7626	0.7504	Ave		0.7802				4.9		15.0			
n-Heptane	2.6530 0.3759	0.8814	0.5369	0.4508	0.3943	QuaF		2.3613	0.0805						0.9998		0.9900
2,4,4-Trimethyl-1-pentene	0.1144 0.1224	0.1324	0.1324	0.1289	0.1252	Ave		0.1259				5.5		15.0			
Trichloroethene	0.2918 0.3236	0.2948	0.3179	0.3055	0.3158	Ave		0.3082				4.2		15.0			
n-Butanol	0.0039 0.0043	0.0043	0.0044	0.0051	0.0043	Ave		0.0044				8.6		15.0			
Ethyl acrylate	0.0100 0.0152	0.0161	0.0147	0.0153	0.0150	LinF		0.0152							1.0000		0.9900
Methylcyclohexane	0.5965 0.5716	0.6191	0.6328	0.6073	0.5903	Ave		0.6029				3.6		15.0			
1,2-Dichloropropane	0.2731 0.2967	0.2563	0.2888	0.2829	0.2950	Ave		0.2821				5.4		30.0			
Dibromomethane	0.1315 0.1529	0.1402	0.1507	0.1458	0.1540	Ave		0.1459				6.0		15.0			
Methyl methacrylate	0.1902 0.1784	0.1676	0.1843	0.1762	0.1785	Ave		0.1792				4.3		15.0			
1,4-Dioxane	0.0034 0.0027	0.0033	0.0033	0.0042	0.0039	Ave		0.0035				14.7		15.0			
Propyl acetate	0.3951 0.3811	0.3651	0.3730	0.3588	0.3836	Ave		0.3761				3.5		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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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								
Bromodichloromethane	0.2502 0.3868	0.2926	0.3489	0.3357	0.3766	LinF		0.3850							0.9996		0.9900
2-Chloroethyl vinyl ether	0.1225 0.1413	0.1492	0.1452	0.1479	0.1366	Ave		0.1405				7.1		15.0			
Epichlorohydrin	0.0204 0.0244	0.0219	0.0240	0.0236	0.0246	Ave		0.0232				7.1		15.0			
cis-1,3-Dichloropropene	0.3521 0.4794	0.3597	0.4566	0.4351	0.4709	Ave		0.4256				13.2		15.0			
4-Methyl-2-pentanone	0.2243 0.2461	0.2365	0.2555	0.2469	0.2553	Ave		0.2441				4.9		15.0			
Toluene	1.7320 1.8652	1.7695	1.9225	1.8007	1.8179	Ave		1.8180				3.7		30.0			
trans-1,3-Dichloropropene	0.3854 0.5827	0.4193	0.5210	0.5104	0.5589	LinF		0.5789							0.9995		0.9900
1,1,2-Trichloroethane	0.2332 0.2688	0.2309	0.2650	0.2545	0.2660	Ave		0.2531				6.7		15.0			
Tetrachloroethene	0.4219 0.5645	0.5131	0.5526	0.5262	0.5365	Ave		0.5191				9.8		15.0			
1,3-Dichloropropane	0.5321 0.5588	0.5081	0.5664	0.5326	0.5490	Ave		0.5412				3.9		15.0			
2-Hexanone	0.2273 0.2468	0.2477	0.2531	0.2471	0.2614	Ave		0.2472				4.5		15.0			
Dibromochloromethane	0.2493 0.4174	0.2749	0.3537	0.3470	0.3930	QuaF		2.6666	-0.065						0.9999		0.9900
1,2-Dibromoethane	0.3176 0.3295	0.2921	0.3277	0.3102	0.3272	Ave		0.3174				4.5		15.0			
Butyl acetate	0.5446 0.5870	0.5416	0.5940	0.5742	0.5875	Ave		0.5715				4.0		15.0			
Chlorobenzene	1.1568 1.2129	1.0865	1.2063	1.1371	1.1763	Ave		1.1627			0.3000	4.1		15.0			
1,1,1,2-Tetrachloroethane	0.3246 0.4401	0.3282	0.4049	0.3838	0.4216	Ave		0.3839				12.6		15.0			
Ethylbenzene	0.6091 0.6829	0.6098	0.6855	0.6522	0.6602	Ave		0.6500				5.2		30.0			
m&p-Xylene	0.7066 0.8634	0.7526	0.8378	0.7916	0.8098	Ave		0.7936				7.2		15.0			
o-Xylene	0.7537 0.8191	0.7185	0.8122	0.7706	0.7886	Ave		0.7771				4.9		15.0			
Styrene	1.1219 1.3957	1.2135	1.3424	1.3113	1.3437	Ave		1.2881				7.9		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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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	0.8991 1.3262	1.1729	1.2689	1.2576	1.3055	Ave		1.2050				13.2		15.0			
Bromoform	0.1712 0.2973	0.1532	0.2306	0.2339	0.2778	QuaF		3.8055	-0.149		0.1000				0.9998		0.9900
Amly acetate	0.6080 0.6005	0.5568	0.6132	0.6134	0.6145	Ave		0.6011				3.7		15.0			
Isopropylbenzene	1.9156 2.2472	2.0591	2.2194	2.1349	2.2057	Ave		2.1303				5.9		15.0			
Camphene, Total	0.3707 0.3568	0.3503	0.3514	0.3474	0.3543	Ave		0.3552				2.3		15.0			
Monobromobenzene	0.8562 1.0031	0.9049	0.9590	0.8982	0.9560	Ave		0.9296				5.7		15.0			
1,1,2,2-Tetrachloroethane	0.6379 0.7618	0.6588	0.7478	0.7028	0.7469	Ave		0.7093			0.3000	7.3		15.0			
1,2,3-Trichloropropane	0.2101 0.2247	0.1966	0.2309	0.2072	0.2175	Ave		0.2145				5.8		15.0			
trans-1,4-Dichloro-2-butene	0.0739 0.0829	0.0719	0.0809	0.0800	0.0838	Ave		0.0789				6.2		15.0			
N-Propylbenzene	3.7983 4.9937	4.3725	4.7199	4.5009	4.7432	Ave		4.5214				9.2		15.0			
2-Chlorotoluene	2.3573 2.6884	2.5164	2.6554	2.5159	2.5889	Ave		2.5537				4.7		15.0			
p-Ethyltoluene	1.5212 1.4813	1.5634	1.5929	1.5543	1.5518	Ave		1.5442				2.5		15.0			
4-Chlorotoluene	2.4392 2.8349	2.5378	2.7737	2.6263	2.7152	Ave		2.6545				5.6		15.0			
1,3,5-Trimethylbenzene	2.6158 3.3681	2.9934	3.2393	3.0735	3.2256	Ave		3.0859				8.6		15.0			
Butyl Methacrylate	0.8600 1.1345	0.9250	1.1044	1.1072	1.1460	Ave		1.0462				11.6		15.0			
tert-Butylbenzene	2.5009 3.0622	2.7137	2.9797	2.8023	2.9491	Ave		2.8347				7.3		15.0			
1,2,4-Trimethylbenzene	2.7709 3.3735	3.0698	3.2520	3.1394	3.2460	Ave		3.1419				6.7		15.0			
sec-Butylbenzene	3.4768 4.5794	4.1788	4.4575	4.2392	4.4351	Ave		4.2278				9.4		15.0			
1,3-Dichlorobenzene	1.6336 1.9501	1.7569	1.9390	1.8157	1.8860	Ave		1.8302				6.6		15.0			
1,4-Dichlorobenzene	1.7819 1.9862	1.8196	1.9033	1.8106	1.8973	Ave		1.8665				4.1		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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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	3.0833 3.9544	3.4485	3.8098	3.6326	3.7729	Ave		3.6169				8.6		15.0			
Benzyl chloride	0.9341 1.5246	1.0271	1.2461	1.3514	1.5052	LinF		1.5203							0.9997		0.9900
1,2-Dichlorobenzene	1.6606 1.7821	1.6675	1.7677	1.6738	1.7320	Ave		1.7140				3.1		15.0			
1,4-Diethylbenzene	0.8509 0.8870	0.9201	0.9591	0.9306	0.9259	Ave		0.9123				4.2		15.0			
n-Butylbenzene	3.5523 4.2334	4.1434	4.2912	4.1064	4.1667	Ave		4.0822				6.6		15.0			
1,2-Dibromo-3-Chloropropane	0.2044 0.1586	0.1504	0.1483	0.1368	0.1503	Ave		0.1581				15.0		15.0			
1,2,4,5-Tetramethylbenzene	1.3141 1.2921	1.4135	1.4488	1.4242	1.3955	Ave		1.3814				4.6		15.0			
Camphor	0.0700 0.0774	0.0690	0.0800	0.0766	0.0765	Ave		0.0749				5.8		15.0			
1,2,4-Trichlorobenzene	1.3706 1.4518	1.4057	1.4755	1.3600	1.3842	Ave		1.4080				3.3		15.0			
Hexachlorobutadiene	0.7886 0.9871	0.9158	0.9806	0.9251	0.9468	Ave		0.9240				7.8		15.0			
Naphthalene	2.6957 2.6199	2.5571	2.6464	2.4656	2.5110	Ave		2.5826				3.4		15.0			
1,2,3-Trichlorobenzene	1.2572 1.2984	1.2119	1.3049	1.1982	1.2355	Ave		1.2510				3.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1747 0.1746	0.1738	0.1706	0.1676	0.1701	Ave		0.1719				1.7		15.0			
Toluene-d8 (Surr)	0.9315 0.9425	0.9492	0.9218	0.9313	0.9172	Ave		0.9323				1.3		15.0			
Bromofluorobenzene	0.7633 0.8260	0.7980	0.7689	0.7534	0.7968	Ave		0.7844				3.5		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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150399/4	o70916.d
Level 2	IC 460-150399/3	o70914.d
Level 3	ICIS 460-150399/2	o70913.d
Level 4	IC 460-150399/5	o70917.d
Level 5	IC 460-150399/6	o70918.d
Level 6	IC 460-150399/7	o70919.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	5655 2855675	26887	116932	294033	1119024	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	8525 3725881	36485	155079	395559	1483903	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6297 3347056	31418	135687	343072	1354018	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	6177 2118758	23792	84725	192776	793849	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4354 1955233	16914	75829	188252	791628	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	10955 5027864	52212	216608	534878	2054415	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	9224 5083304	42775	204755	510222	2040318	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	2898 1202532	13430	53647	134732	486831	2.00 1000	10.0	40.0	100	400
Isopropene	FB	Ave	7699 3938415	40915	168820	433170	1591731	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	4425 1876646	18813	83490	201528	782016	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	26279 183870	51448	74490	114565	135614	1000 6000	2000	3000	4000	5000
Acrolein	FB	Ave	55330 390252	132955	191817	344071	330698	100 600	200	300	400	500
Freon TF	FB	Ave	6150 2827035	30576	122170	303686	1140915	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3428 2309041	21761	91589	220144	891139	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	17526 1400029	25165	36905	87343	367463	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	7456 3423520	26338	115355	321171	1452167	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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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	13512 8785273	74189	326271	821936	3454795	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	13946 5956809	62191	298711	712019	2741648	20.0 10000	100	400	1000	4000
Methyl acetate	FB	LinF	1112 377208	4414	16144	41586	154559	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	6359 2536571	26539	108592	252680	1025409	1.00 500	5.00	20.0	50.0	200
TBA	FB	LinF	16572 5605114	58955	232330	559397	2275263	20.0 10000	100	400	1000	4000
trans-1,2-Dichloroethene	FB	Ave	4598 2837641	25194	111064	275960	1106576	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	70095 570650	161904	230142	417951	447642	50.0 300	100	150	200	250
MTBE	FB	Ave	13944 7031780	68436	290099	702975	2879903	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	5305 2292638	24423	104121	255842	961000	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	8737 5107894	46260	204158	487246	2000481	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	28490 14487450	142420	578742	1383172	5992782	2.00 1000	10.0	40.0	100	400
DIPE	FB	Ave	20447 9127203	92407	384092	951742	3759447	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	20518 8047604	84116	329187	806742	3210274	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	7638 4473209	41189	176629	424698	1741014	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5385 3074524	26726	119361	293747	1185573	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	4796 508606	8338	11747	24865	112383	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	1071 442482	4450	18976	42289	178802	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	2313 1293253	11865	51939	123229	516284	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	1245 764647	7738	32642	71841	309774	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	8229 4699306	38890	181666	439459	1812603	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6896 4514761	37074	173717	414058	1732383	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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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	10290 5026476	53081	215817	531610	2059964	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	LinF	4964 4054473	29013	140229	348503	1520539	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6133 3656776	32063	140813	341640	1408705	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	19368 11202380	97920	443799	1067671	4361177	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5706 3115907	26222	124789	296643	1222920	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	LinF	34400 11390621	122803	479086	1203566	4538843	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	15097 6934540	67675	284285	694041	2733311	1.00 500	5.00	20.0	50.0	200
n-Heptane	CBZ	QuaF	33558 2512807	55199	137900	294717	1054230	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	4063 2253481	23318	94558	234549	912142	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	5180 2979289	25968	113529	278020	1150322	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	34839 237526	75653	117403	184548	194610	500 3000	1000	1500	2000	2500
Ethyl acrylate	FB	LinF	178 140336	1422	5255	13916	54796	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	10588 5262653	54528	226007	552645	2150111	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4848 2731797	22570	103139	257475	1074545	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2334 1407966	12351	53839	132669	561042	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	3377 1642567	14765	65806	160380	650129	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3046 247882	5836	8789	15133	17583	50.0 5000	100	150	200	250
Propyl acetate	FB	Ave	7014 3509044	32157	133231	326489	1397362	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	LinF	4441 3561440	25769	124600	305500	1371786	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2175 1301269	13145	51861	134574	497694	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	7248 4497456	38648	171292	429951	1792133	20.0 10000	100	400	1000	4000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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
cis-1,3-Dichloropropene	FB	Ave	6251 4414454	31679	163089	395935	1715424	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	39811 4531579	62494	91266	224704	929971	10.0 1000	15.0	20.0	50.0	200
Toluene	CBZ	Ave	21908 12469944	110822	493798	1177200	4860799	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	LinF	4875 3895643	26259	133832	333670	1494367	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2950 1797313	14463	68065	166381	711260	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	5337 3773802	32132	141926	343964	1434467	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6730 3735590	31822	145486	348201	1467970	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	28756 3300593	46533	65012	161565	698899	10.0 1000	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	QuaF	3154 2790497	17215	90855	226828	1050767	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	4017 2202636	18292	84159	202787	874885	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	13777 7849038	67841	305124	750688	3141483	2.00 1000	10.0	40.0	100	400
Chlorobenzene	CBZ	Ave	14632 8109010	68045	309853	743378	3145213	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4106 2942302	20552	103997	250935	1127259	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	7705 4565672	38194	176073	426337	1765266	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	17875 11544148	94274	430369	1035019	4330417	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	9534 5475984	44999	208624	503749	2108620	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	14191 9330921	76003	344797	857218	3592643	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	Ave	6560 4812560	40982	185452	469730	1952325	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	QuaF	2165 1987409	9596	59235	152908	742680	1.00 500	5.00	20.0	50.0	200
Amly acetate	CBZ	Ave	7690 4014929	34872	157509	400992	1642971	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	24231 15023825	128960	570068	1395642	5897676	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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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	2705 1294651	12241	51364	129769	529917	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	6247 3639862	31617	140166	335477	1429729	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4654 2764479	23019	109293	262488	1117005	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1533 815277	6868	33752	77377	325270	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	1312 762917	6331	28907	72776	305206	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	27713 18120970	152782	689825	1681105	7093517	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	17199 9755704	87929	388095	939692	3871768	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	27004 13638958	137705	568927	1414553	5652438	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	17797 10287090	88676	405379	980930	4060622	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	19085 12222170	104596	473430	1147946	4823881	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	6275 4116687	32322	161408	413539	1713818	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	18247 11112032	94822	435491	1046650	4410406	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	20217 12241738	107264	475290	1172558	4854366	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	25367 16617550	146013	651483	1583364	6632777	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	11919 7076462	61389	283398	678182	2820558	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	13001 7207531	63579	278169	676251	2837363	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	22496 14349463	120496	556816	1356766	5642443	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	6815 5532420	35890	182125	504743	2251104	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	12116 6466973	58265	258349	625164	2590292	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	Ave	15105 8167419	81042	342555	846933	3372701	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	25918 15361894	144778	627172	1533737	6231262	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.: 460-52450-1 Analy Batch No.: 150399

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/09/2013 06:12 Calibration End Date: 03/09/2013 08:54 Calibration ID: 20592

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	Ave	1491 575348	5256	21673	51086	224776	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	Ave	23327 11896474	124500	517436	1296154	5083166	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	2555 1404007	12059	58467	143057	572070	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	10000 5268342	49117	215654	507968	2070135	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	5754 3582109	31998	143313	345517	1415876	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	19668 9507084	89350	386784	920905	3755223	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	9173 4711466	42346	190723	447524	1847763	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	155052 160800	153052	152312	152569	154931	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	589124 630095	594500	591899	608842	613097	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	278455 299731	278839	280928	281408	297891	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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151555/4	b53396.d
Level 2	IC 460-151555/3	b53394.d
Level 3	ICIS 460-151555/2	b53391.d
Level 4	IC 460-151555/5	b53397.d
Level 5	IC 460-151555/6	b53398.d
Level 6	IC 460-151555/7	b53399.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	0.2860 0.2923	0.2138	0.2424	0.2692	0.2622	Ave		0.2610				11.2		15.0			
Chloromethane	0.3832 0.3449	0.3318	0.3024	0.3148	0.3101	Ave		0.3312			0.1000	9.0		15.0			
Vinyl chloride	0.3291 0.3135	0.2687	0.2760	0.2861	0.2800	Ave		0.2922				8.1		30.0			
Bromomethane	0.1412 0.1096	0.1144	0.1030	0.1001	0.0942	LinF		0.1077							0.9963		0.9900
Chloroethane	0.1483 0.1298	0.1395	0.1295	0.1287	0.1195	Ave		0.1326				7.5		15.0			
Trichlorofluoromethane	0.2173 0.2221	0.1838	0.1932	0.2091	0.2248	Ave		0.2084				8.0		15.0			
Dichlorofluoromethane	0.4289 0.4714	0.4246	0.4268	0.4375	0.4419	Ave		0.4385				4.0		15.0			
n-Pentane	0.0298 0.0208	0.0225	0.0202	0.0213	0.0197	LinF		0.0207							0.9994		0.9900
Ethyl ether	0.2745 0.2198	0.2145	0.2090	0.2077	0.2051	Ave		0.2218				11.9		15.0			
Ethanol	0.0023 +++++	0.0017	0.0019	0.0019	0.0021	Ave		0.0020				11.7		15.0			
Freon TF	0.1813 0.1222	0.1161	0.1307	0.1456	0.1353	LinF		0.1244							0.9976		0.9900
Acrolein	0.0857 0.0745	0.0647	0.0668	0.0677	0.0698	Ave		0.0716				10.8		15.0			
1,1-Dichloroethene	0.1329 0.1204	0.1165	0.1067	0.1300	0.1244	Ave		0.1218				7.8		30.0			
Acetone	0.2763 0.3948	0.2400	0.3296	0.4141	0.4256	LinF		0.3993							0.9986		0.9900
Iodomethane	0.5427 0.5809	0.4892	0.4945	0.5318	0.5540	Ave		0.5322				6.6		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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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								
Carbon disulfide	0.7233 +++++	0.5587	0.6315	0.7106	0.8005	Ave		0.6849				13.5		15.0			
Cyclopentene	0.6449 0.4862	0.4788	0.4843	0.4898	0.4614	Ave		0.5076				13.4		15.0			
Methyl acetate	0.5709 0.4945	0.4997	0.4857	0.4948	0.5071	Ave		0.5088				6.1		15.0			
Acetonitrile	0.0914 0.0787	0.0812	0.0752	0.0798	0.0779	Ave		0.0807				7.0		15.0			
Methylene Chloride	0.3150 0.3292	0.3121	0.2670	0.2797	0.3155	Ave		0.3031				8.0		15.0			
TBA	0.0603 0.0640	0.0516	0.0527	0.0555	0.0587	Ave		0.0571				8.3		15.0			
MTBE	0.9369 0.9336	0.8503	0.8900	0.9041	0.9077	Ave		0.9038				3.5		15.0			
trans-1,2-Dichloroethene	0.2801 0.2191	0.2387	0.2108	0.2116	0.2101	Ave		0.2284				12.1		15.0			
Acrylonitrile	0.2161 0.1977	0.1853	0.1749	0.1967	0.2336	Ave		0.2007				10.6		15.0			
Hexane	0.3500 0.2360	0.2542	0.2627	0.2753	0.2523	Ave		0.2718				14.9		15.0			
1,1-Dichloroethane	0.5762 0.4462	0.5626	0.4775	0.4903	0.4537	Ave		0.5011			0.1000	11.1		15.0			
DIPE	1.2181 1.1160	1.0606	1.0818	1.1018	1.0830	Ave		1.1102				5.1		15.0			
Vinyl acetate	1.2310 1.2261	1.1370	1.1850	1.1956	1.0579	Ave		1.1721				5.6		15.0			
Tert-butyl ethyl ether	1.1199 0.9347	0.9072	0.9293	0.9335	0.9120	Ave		0.9561				8.5		15.0			
2,2-Dichloropropane	0.3413 0.2892	0.3090	0.2940	0.2968	0.2822	Ave		0.3021				7.0		15.0			
cis-1,2-Dichloroethene	0.3477 0.3082	0.3393	0.3109	0.3181	0.3041	Ave		0.3214				5.6		15.0			
2-Butanone	0.0614 0.0679	0.0549	0.0651	0.0642	0.0654	Ave		0.0631				7.2		15.0			
Ethyl acetate	0.0548 0.0516	0.0470	0.0477	0.0493	0.0491	Ave		0.0499				5.8		15.0			
Tetrahydrofuran	0.1834 0.1918	0.1874	0.1786	0.1866	0.1836	Ave		0.1852				2.4		15.0			
Bromochloromethane	0.1832 0.1661	0.1845	0.1629	0.1668	0.1655	Ave		0.1715				5.6		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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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	0.5804 0.5048	0.5949	0.5260	0.5455	0.5136	Ave		0.5442				6.7		30.0			
Cyclohexane	0.4076 0.3157	0.3238	0.3367	0.3559	0.3259	Ave		0.3443				9.9		15.0			
1,1,1-Trichloroethane	0.3627 0.3317	0.3407	0.3336	0.3512	0.3267	Ave		0.3411				4.0		15.0			
Carbon tetrachloride	0.2787 0.2951	0.2584	0.2782	0.3041	0.2953	Ave		0.2850				5.8		15.0			
1,1-Dichloropropene	0.4381 0.4024	0.3784	0.3872	0.4067	0.3928	Ave		0.4009				5.2		15.0			
Benzene	2.0261 1.6423	1.9501	1.7157	1.7282	1.6375	Ave		1.7833				9.2		15.0			
Tert-amyl methyl ether	0.8844 0.8193	0.7541	0.8032	0.8266	0.8178	Ave		0.8175				5.1		15.0			
1,2-Dichloroethane	0.5639 0.4967	0.5986	0.4938	0.5097	0.4922	Ave		0.5258				8.5		15.0			
Isopropyl acetate	1.3842 1.0882	1.0838	1.0810	1.0973	1.0763	Ave		1.1351				10.8		15.0			
n-Heptane	0.2850 0.2212	0.2198	0.2084	0.2293	0.2212	Ave		0.2308				11.9		15.0			
2,4,4-Trimethyl-1-pentene	0.4589 0.3239	0.3295	0.3507	0.3599	0.3154	Ave		0.3564				14.8		15.0			
Trichloroethene	0.3551 0.3352	0.3290	0.3083	0.3263	0.3268	Ave		0.3301				4.6		15.0			
n-Butanol	0.0142 0.0197	0.0131	0.0144	0.0157	0.0162	Ave		0.0155				14.9		15.0			
Methylcyclohexane	0.4299 0.3222	0.3376	0.3542	0.3773	0.3403	Ave		0.3603				10.8		15.0			
Ethyl acrylate	0.6075 0.6826	0.5405	0.5586	0.6122	0.6391	Ave		0.6067				8.6		15.0			
1,2-Dichloropropane	0.3819 0.3607	0.3853	0.3438	0.3549	0.3461	Ave		0.3621				4.9		30.0			
Dibromomethane	0.2529 0.2576	0.2671	0.2355	0.2517	0.2490	Ave		0.2523				4.1		15.0			
1,4-Dioxane	0.0051 +++++	0.0042	0.0050	0.0053	0.0064	Ave		0.0052				14.8		15.0			
Methyl methacrylate	0.0874 0.1154	0.0839	0.0934	0.1020	0.1081	Ave		0.0984				12.5		15.0			
Propyl acetate	0.7270 0.8073	0.6877	0.6898	0.7457	0.7670	Ave		0.7374				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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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								
Bromodichloromethane	0.3989 0.4725	0.4103	0.3773	0.4205	0.4425	Ave		0.4203				8.0		15.0			
2-Chloroethyl vinyl ether	0.2554 0.3144	0.2350	0.2614	0.2821	0.2992	Ave		0.2746				10.7		15.0			
Epichlorohydrin	0.0755 0.0845	0.0728	0.0766	0.0809	0.0814	Ave		0.0786				5.5		15.0			
cis-1,3-Dichloropropene	0.6828 0.8078	0.7657	0.7334	0.7740	0.7805	Ave		0.7574				5.8		15.0			
4-Methyl-2-pentanone	0.7725 0.8256	0.6532	0.7161	0.7570	0.7843	Ave		0.7514				8.0		15.0			
Toluene	2.0738 1.7653	1.8729	1.7334	1.7742	1.7235	Ave		1.8238				7.3		30.0			
trans-1,3-Dichloropropene	0.5698 0.7820	0.6675	0.6399	0.6964	0.7308	Ave		0.6811				10.8		15.0			
1,1,2-Trichloroethane	0.4245 0.4196	0.4560	0.3922	0.4040	0.3995	Ave		0.4160				5.5		15.0			
Tetrachloroethene	0.4157 0.4156	0.3595	0.3919	0.4120	0.3979	Ave		0.3988				5.4		15.0			
1,3-Dichloropropane	0.8661 0.7921	0.8829	0.7581	0.7836	0.7623	Ave		0.8075				6.6		15.0			
2-Hexanone	0.4963 0.6186	0.4374	0.5066	0.5375	0.5803	Ave		0.5295				12.2		15.0			
Butyl acetate	0.1297 0.1769	0.1368	0.1442	0.1564	0.1672	Ave		0.1519				12.0		15.0			
Dibromochloromethane	0.3511 0.5068	0.4020	0.3761	0.4299	0.4707	Ave		0.4228				13.9		15.0			
1,2-Dibromoethane	0.4768 0.4989	0.5232	0.4660	0.4881	0.4818	Ave		0.4892				4.1		15.0			
Chlorobenzene	1.2473 1.1679	1.1739	1.0932	1.1200	1.1093	Ave		1.1519			0.3000	4.9		15.0			
Ethylbenzene	0.5668 0.6294	0.5060	0.5497	0.5832	0.5869	Ave		0.5703				7.2		30.0			
1,1,1,2-Tetrachloroethane	0.3316 0.4216	0.3503	0.3528	0.3775	0.3931	Ave		0.3712				8.9		15.0			
m&p-Xylene	0.7375 0.7552	0.6332	0.6918	0.7203	0.7171	Ave		0.7092				6.0		15.0			
Butyl acrylate	0.2630 0.4857	0.2732	0.3359	0.3821	0.4416	LinF		0.4793							0.9977		0.9900
o-Xylene	0.6593 0.7649	0.6161	0.6612	0.7020	0.7180	Ave		0.6869				7.6		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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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								
Styrene	1.0173 1.3180	1.0495	1.1382	1.2109	1.2541	Ave		1.1647				10.1		15.0			
Amly acetate	1.8061 2.5056	1.7269	2.0040	2.1654	2.3854	Ave		2.0989				14.8		15.0			
Bromoform	0.2029 0.3566	0.2231	0.2227	0.2666	0.3159	QuaF		3.4155	-0.172		0.1000				0.9998		0.9900
Isopropylbenzene	1.5474 1.9130	1.3965	1.7193	1.8035	1.8132	Ave		1.6988				11.3		15.0			
Monobromobenzene	1.0319 0.9810	0.9347	0.9067	0.9224	0.9457	Ave		0.9537				4.8		15.0			
1,1,2,2-Tetrachloroethane	1.4306 1.4951	1.5303	1.3758	1.4290	1.4040	Ave		1.4441			0.3000	4.0		15.0			
N-Propylbenzene	4.4379 4.9304	3.7610	4.5852	4.7933	4.7913	Ave		4.5499				9.3		15.0			
1,2,3-Trichloropropane	0.4356 0.4009	0.4545	0.3876	0.3945	0.3873	Ave		0.4101				6.9		15.0			
trans-1,4-Dichloro-2-butene	0.3274 0.3986	0.2800	0.3194	0.3386	0.3694	Ave		0.3389				12.2		15.0			
2-Chlorotoluene	3.3889 3.4270	2.8967	3.1111	3.1556	3.2615	Ave		3.2068				6.1		15.0			
p-Ethyltoluene	3.9999 3.8801	3.2726	3.4607	3.5447	3.7375	Ave		3.6492				7.5		15.0			
1,3,5-Trimethylbenzene	2.8167 3.3058	2.4937	3.0237	3.0938	3.1428	Ave		2.9794				9.6		15.0			
4-Chlorotoluene	2.9993 3.0218	2.6199	2.8238	2.8646	2.8750	Ave		2.8674				5.0		15.0			
Butyl Methacrylate	0.7756 1.2943	0.8113	1.0270	1.1312	1.2322	LinF		1.2846							0.9993		0.9900
tert-Butylbenzene	2.1635 2.7587	1.9255	2.4726	2.5998	2.6538	Ave		2.4290				13.2		15.0			
1,2,4-Trimethylbenzene	2.8270 3.3823	2.5207	3.0124	3.1639	3.2353	Ave		3.0236				10.3		15.0			
sec-Butylbenzene	3.2399 4.2945	2.8931	3.9000	4.1041	4.2025	LinF		4.2800							0.9999		0.9900
p-Isopropyltoluene	2.4973 3.6454	2.3095	3.1255	3.3251	3.5162	LinF		3.6251							0.9996		0.9900
1,3-Dichlorobenzene	1.7892 1.8482	1.5338	1.6496	1.7307	1.8127	Ave		1.7274				6.8		15.0			
1,4-Dichlorobenzene	1.9140 1.8444	1.6344	1.6816	1.7404	1.7455	Ave		1.7600				5.9		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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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	1.6722 2.6308	1.6211	1.9851	2.1446	2.4653	LinF		2.6052							0.9987		0.9900
Indan	0.9067 1.1578	0.8445	0.9428	1.0208	1.0820	Ave		0.9924				11.7		15.0			
n-Butylbenzene	3.4697 4.2786	3.0670	3.8590	4.0493	4.1177	Ave		3.8069				12.0		15.0			
1,2-Dichlorobenzene	1.7539 1.7724	1.5888	1.5937	1.6657	1.6730	Ave		1.6746				4.6		15.0			
1,2-Dibromo-3-Chloropropane	0.2041 +++++	0.2135	0.2184	0.2469	0.2779	Ave		0.2321				13.0		15.0			
Camphor	0.1187 0.2484	0.1162	0.1513	0.1723	0.2107	QuaF		5.1966	-0.094						0.9998		0.9900
1,2,4-Trichlorobenzene	0.9688 1.2157	0.8802	1.0124	1.0499	1.1323	Ave		1.0432				11.4		15.0			
Hexachlorobutadiene	0.2816 0.4296	0.2669	0.3789	0.3918	0.4295	LinF		0.4292							0.9999		0.9900
Naphthalene	2.8996 3.8009	2.8672	3.1611	3.3737	3.5739	Ave		3.2794				11.4		15.0			
1,2,3-Trichlorobenzene	0.9741 1.1318	0.8239	0.9510	0.9812	1.0558	Ave		0.9863				10.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3003 0.2987	0.2961	0.2923	0.2972	0.2939	Ave		0.2964				1.0		15.0			
Toluene-d8 (Surr)	1.0311 1.0127	1.0146	1.0098	1.0147	1.0028	Ave		1.0143				0.9		15.0			
Bromofluorobenzene	0.7325 0.7422	0.7176	0.7184	0.7311	0.7496	Ave		0.7319				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151555/4	b53396.d
Level 2	IC 460-151555/3	b53394.d
Level 3	ICIS 460-151555/2	b53391.d
Level 4	IC 460-151555/5	b53397.d
Level 5	IC 460-151555/6	b53398.d
Level 6	IC 460-151555/7	b53399.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	3293 1599616	12626	58214	155889	597628	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4412 1887483	19592	72638	182313	706971	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3789 1715474	15867	66290	165679	638229	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	1626 599711	6757	24746	57943	214728	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1708 710034	8236	31111	74499	272477	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	2502 1215499	10852	46395	121056	512384	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	4938 2579490	25074	102507	253356	1007197	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	687 228157	2658	9693	24652	89759	2.00 1000	10.0	40.0	100	400
Ethyl ether	FB	Ave	3161 1202645	12667	50199	120248	467509	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	26548 +++++	40648	69405	85888	121793	1000 +++++	2000	3000	4000	5000
Freon TF	FB	LinF	2087 668739	6858	31389	84315	308523	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	3949 326013	15285	32096	78436	159209	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	1530 659110	6877	25634	75275	283454	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	15908 2160471	42510	79152	239792	970146	5.00 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	6248 3178895	28889	118774	307956	1262746	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	8328 +++++	32993	151653	411460	1824822	1.00 +++++	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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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
Cyclopentene	FB	Ave	7425 2660614	28272	116321	283612	1051727	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	6573 2706102	29509	116646	286515	1155950	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	21058 8618381	95930	361024	924595	3549353	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	Ave	3627 1801587	18432	64128	161958	719188	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	13893 7006236	60921	253285	642206	2673986	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	10787 5108995	50209	213741	523549	2069150	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3225 1199168	14098	50623	122546	478855	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	4976 432671	21887	41997	113911	266233	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	4030 1291425	15008	63091	159422	575166	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6634 2441845	33222	114680	283912	1034278	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	14025 6107026	62626	259809	637982	2468629	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	28346 13419119	134276	569174	1384690	4822728	2.00 1000	10.0	40.0	100	400
Tert-butyl ethyl ether	FB	Ave	12894 5114792	53572	223191	540534	2078874	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3930 1582559	18246	70601	171877	643310	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4003 1686354	20033	74673	184209	693210	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	3533 371434	9728	15637	37164	149128	5.00 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	1262 564885	5546	22903	57053	223823	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	2112 1049728	11063	42897	108035	418489	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2109 909063	10897	39130	96589	377232	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6682 2762371	35131	126320	315886	1170816	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4693 1727594	19122	80861	206116	742979	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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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
1,1,1-Trichloroethane	FB	Ave	4176 1815127	20118	80114	203363	744740	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	3209 1614769	15259	66810	176094	673172	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5044 2201823	22345	92995	235512	895456	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	15569 6578301	77810	286419	711436	2702584	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	10182 4483157	44528	192902	478639	1864150	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6493 2717952	35345	118604	295119	1121987	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	31873 11909468	127995	519236	1270777	4906905	2.00 1000	10.0	40.0	100	400
n-Heptane	FB	Ave	3281 1210247	12977	50051	132790	504237	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	10566 3545046	38913	168474	416765	1438012	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	4089 1834441	19425	74037	188919	745017	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	81721 646498	155065	258567	362919	462185	500 3000	1000	1500	2000	2500
Methylcyclohexane	FB	Ave	4950 1763341	19938	85057	218500	775598	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6994 3735216	31914	134162	354504	1456758	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4397 1973728	22749	82561	205507	789043	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2912 1409453	15775	56557	145754	567657	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	2924 +++++	5019	9030	12338	18203	50.0 +++++	100	150	200	250
Methyl methacrylate	FB	Ave	1006 631292	4954	22429	59049	246466	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	8370 4417875	40610	165656	431780	1748470	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4593 2585864	24227	90606	243467	1008560	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2940 1720357	13879	62785	163325	682051	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	11603 6768728	58133	255905	666230	2685375	20.0 10000	100	400	1000	4000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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
cis-1,3-Dichloropropene	CBZ	Ave	5247 3235679	30554	122443	318643	1288254	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	29680 3306978	78188	119546	311617	1294506	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	15935 7070953	74729	289369	730381	2844638	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4378 3132136	26635	106828	286706	1206131	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3262 1680710	18193	65481	166332	659309	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	3194 1664877	14343	65430	169619	656734	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6655 3172845	35229	126551	322606	1258199	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	19069 2477639	52353	84576	221290	957796	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	1994 1417114	10913	48133	128766	551877	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	2698 2029972	16041	62780	176961	776846	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3664 1998408	20877	77801	200953	795283	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	9584 4677870	46841	182500	461068	1830847	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	4355 2520869	20191	91769	240086	968628	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2548 1688874	13977	58896	155399	648800	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	11334 6049653	50529	230978	593047	2367112	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	LinF	2021 1945350	10899	56082	157291	728874	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	5066 3063630	24582	110387	288976	1185019	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	7817 5279408	41874	190010	498501	2069817	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	6124 4918613	31173	156650	424740	1880677	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	QuaF	1559 1428519	8900	37179	109770	521420	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	11890 7662414	55722	287016	742445	2992622	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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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	3499 1925748	16873	70877	180925	745580	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4851 2934885	27624	107542	280302	1106933	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	15048 9678645	67890	358413	940205	3777489	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1477 786980	8205	30298	77387	305323	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1110 782554	5055	24963	66418	291268	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	11491 6727373	52289	243187	618964	2571430	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	13563 7616778	59073	270513	695289	2946706	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	9551 6489359	45013	236358	606842	2477837	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	10170 5931840	47291	220729	561892	2266680	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	2630 2540786	14644	80280	221879	971479	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	7336 5415488	34758	193280	509946	2092240	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	9586 6639541	45501	235471	620602	2550725	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	10986 8430200	52223	304856	805003	3313263	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	LinF	8468 7156129	41689	244314	652205	2772214	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	6067 3628111	27687	128947	339482	1429147	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	6490 3620682	29502	131445	341377	1376157	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	5670 5164278	29263	155170	420654	1943645	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	10439 6335624	49866	226423	591076	2466401	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	11765 8399127	55362	301653	794271	3246400	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	5947 3479339	28680	124579	326717	1319038	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	692 +++++	3853	17073	48427	219110	1.00 +++++	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.: 460-52450-1 Analy Batch No.: 151555

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/16/2013 19:34 Calibration End Date: 03/16/2013 22:38 Calibration ID: 20704

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
Camphor	DCB	QuaF	2012 2437891	10489	59132	169014	830536	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	3285 2386432	15888	79137	205934	892699	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	LinF	955 843249	4818	29620	76847	338597	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	9832 7461281	51755	247096	661737	2817670	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3303 2221763	14872	74335	192452	832370	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	172864 163438	174867	175478	172085	167457	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	396136 405638	404824	421450	417723	413762	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	124189 145691	129530	140398	143405	147747	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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-152371/4	d30781.d
Level 2	IC 460-152371/3	d30780.d
Level 3	ICIS 460-152371/2	d30778.d
Level 4	IC 460-152371/5	d30783.d
Level 5	IC 460-152371/6	d30784.d
Level 6	IC 460-152371/7	d30785.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	0.7006 0.5897	0.7194	0.5636	0.6958	0.6064	Ave		0.6459				10.4		15.0			
Chloromethane	0.6855 0.4921	0.6410	0.5037	0.6057	0.5763	Ave		0.5841			0.1000	13.0		15.0			
Vinyl chloride	0.6245 0.5148	0.6202	0.5413	0.6438	0.6121	Ave		0.5928				8.8		30.0			
Bromomethane	0.4026 0.3371	0.4222	0.3768	0.3905	0.4003	Ave		0.3882				7.5		15.0			
Chloroethane	0.3254 0.2589	0.2968	0.2760	0.2933	0.3020	Ave		0.2921				7.8		15.0			
n-Pentane	0.1328 0.0773	0.0987	0.0940	0.1010	0.0918	LinF		0.0799							0.9930		0.9900
Trichlorofluoromethane	0.8602 0.6939	0.7853	0.7724	0.7993	0.8040	Ave		0.7859				6.9		15.0			
Dichlorofluoromethane	1.0005 0.7168	0.8752	0.8162	0.8479	0.8544	Ave		0.8518				10.8		15.0			
Isopropene	0.7628 0.5201	0.6132	0.6185	0.6585	0.6373	Ave		0.6351				12.4		15.0			
Ethyl ether	0.2697 0.1960	0.2578	0.2413	0.2411	0.2376	Ave		0.2406				10.4		15.0			
1,1-Dichloroethene	0.3818 0.3229	0.3559	0.3657	0.3874	0.3824	Ave		0.3660				6.6		30.0			
Carbon disulfide	1.6009 1.3526	1.4839	1.3733	1.5622	1.5985	Ave		1.4952				7.4		15.0			
Ethanol	0.0012 0.0017	0.0015	0.0013	0.0013	0.0017	Ave		0.0014				13.5		15.0			
Freon TF	0.4852 0.4394	0.5166	0.5028	0.5483	0.5131	Ave		0.5009				7.3		15.0			
Iodomethane	0.9827 0.7562	0.8852	0.8576	0.9297	0.8762	Ave		0.8813				8.6		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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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								
Methylene Chloride	0.7134 0.3715	0.5868	0.4548	0.4694	0.4449	LinF		0.3844							0.9927		0.9900
Acetone	0.1089 0.0597	0.1074	0.1131	0.0644	0.0968	QuaF		7.7227	7.5586						0.9994		0.9900
trans-1,2-Dichloroethene	0.5167 0.4391	0.4469	0.4857	0.5252	0.5129	Ave		0.4878				7.6		15.0			
Methyl acetate	0.0925 0.0765	0.0988	0.0982	0.0921	0.0916	Ave		0.0916				8.8		15.0			
Hexane	0.5016 0.3504	0.4206	0.4255	0.4515	0.4301	Ave		0.4300				11.4		15.0			
MTBE	1.0684 0.8313	0.9055	0.9568	0.9531	0.9667	Ave		0.9470				8.2		15.0			
TBA	0.0391 0.0266	0.0354	0.0306	0.0297	0.0314	Ave		0.0321				13.8		15.0			
Acetonitrile	0.0138 0.0281	0.0296	0.0316	0.0356	0.0376	QuaF		18.410	3.0440						0.9989		0.9900
DIPE	1.3236 1.0554	1.1871	1.2138	1.2268	1.2527	Ave		1.2099				7.3		15.0			
1,1-Dichloroethane	0.7966 0.6954	0.6660	0.7635	0.8045	0.8244	Ave		0.7584			0.1000	8.4		15.0			
Tert-butyl ethyl ether	1.1934 0.9604	1.0364	1.3817	1.2774	1.1088	Ave		1.1597				13.5		15.0			
cis-1,2-Dichloroethene	0.5323 0.4569	0.4520	0.5113	0.5285	0.5126	Ave		0.4989				7.1		15.0			
2,2-Dichloropropane	0.6996 0.6768	0.6227	0.7520	0.7629	0.7393	Ave		0.7089				7.5		15.0			
Cyclohexane	0.9821 0.7682	0.9451	0.8922	0.9591	0.8825	Ave		0.9049				8.5		15.0			
Bromochloromethane	0.2334 0.2058	0.2026	0.2172	0.2347	0.2246	Ave		0.2197				6.2		15.0			
Chloroform	0.8119 0.7242	0.6833	0.7618	0.8174	0.7987	Ave		0.7662				7.0		30.0			
Carbon tetrachloride	0.8044 0.8023	0.7173	0.8370	0.8873	0.8691	Ave		0.8195				7.4		15.0			
Ethyl acetate	0.0424 0.0284	0.0322	0.0276	0.0320	0.0322	LinF		0.0290							0.9967		0.9900
1,1,1-Trichloroethane	0.7642 0.7452	0.6806	0.8003	0.8295	0.8151	Ave		0.7725				7.1		15.0			
1,1-Dichloropropene	0.5974 0.5496	0.4869	0.5764	0.6251	0.6178	Ave		0.5755				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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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-Butanone	0.0702 0.0900	0.1020	0.1085	0.1139	0.1128	LinF		0.0912							0.9966		0.9900
n-Heptane	0.6896 0.5751	0.6564	0.6434	0.7057	0.7319	Ave		0.6670				8.3		15.0			
Benzene	1.7320 1.6455	1.5254	1.7302	1.8416	1.8135	Ave		1.7147				6.8		15.0			
Tert-amyl methyl ether	0.9026 0.8359	0.8675	0.9726	0.9674	0.9545	Ave		0.9168				6.2		15.0			
1,2-Dichloroethane	0.5001 0.4013	0.3950	0.4285	0.4412	0.4513	Ave		0.4362				8.8		15.0			
Isopropyl acetate	0.4832 0.4415	0.4907	0.5292	0.5207	0.4785	Ave		0.4906				6.5		15.0			
Methylcyclohexane	1.0872 0.8722	0.9446	0.9917	1.0614	0.9339	Ave		0.9818				8.3		15.0			
Trichloroethene	0.4557 0.4615	0.4472	0.4866	0.5153	0.4741	Ave		0.4734				5.2		15.0			
Dibromomethane	0.1967 0.1906	0.1828	0.1976	0.2079	0.1947	Ave		0.1950				4.3		15.0			
1,2-Dichloropropane	0.3889 0.3583	0.3403	0.3726	0.3993	0.3638	Ave		0.3705				5.8		30.0			
Ethyl acrylate	0.2678 0.2760	0.3008	0.2684	0.2965	0.2743	Ave		0.2806				5.1		15.0			
Bromodichloromethane	0.4528 0.4957	0.3994	0.4829	0.5060	0.4852	Ave		0.4703				8.3		15.0			
Methyl methacrylate	0.1674 0.1666	0.1649	0.1666	0.1879	0.1669	Ave		0.1700				5.2		15.0			
1,4-Dioxane	0.0028 +++++	0.0036	0.0039	0.0042	0.0036	Ave		0.0036				14.6		15.0			
Propyl acetate	0.1980 0.2826	0.2159	0.2670	0.2870	0.2841	LinF		0.2828							1.0000		0.9900
2-Chloroethyl vinyl ether	0.1097 0.1279	0.1183	0.1224	0.1366	0.1252	Ave		0.1233				7.4		15.0			
cis-1,3-Dichloropropene	0.5035 0.5788	0.4566	0.5300	0.5775	0.5645	Ave		0.5351				9.1		15.0			
Toluene	3.3237 2.9851	2.7113	2.9950	3.1317	3.1642	Ave		3.0518				6.8		30.0			
Epichlorohydrin	0.0179 0.0204	0.0202	0.0214	0.0219	0.0211	Ave		0.0205				7.0		15.0			
Tetrachloroethene	0.9669 0.9707	0.7893	0.9925	1.0528	1.0104	Ave		0.9638				9.4		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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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-Methyl-2-pentanone	0.1585 0.1986	0.1889	0.2125	0.2190	0.2027	Ave		0.1967				10.9		15.0			
trans-1,3-Dichloropropene	0.6488 0.7520	0.5728	0.6458	0.7217	0.7542	Ave		0.6825				10.6		15.0			
1,1,2-Trichloroethane	0.3882 0.3507	0.3272	0.3679	0.3718	0.3677	Ave		0.3623				5.8		15.0			
Ethyl methacrylate	0.2827 0.3359	0.2618	0.3171	0.3502	0.3187	Ave		0.3111				10.6		15.0			
Dibromochloromethane	0.4648 0.6090	0.4710	0.5498	0.5874	0.6049	Ave		0.5478				11.9		15.0			
1,3-Dichloropropane	0.7241 0.6993	0.6020	0.7149	0.7415	0.7201	Ave		0.7003				7.1		15.0			
1,2-Dibromoethane	0.3912 0.4218	0.3619	0.4310	0.4459	0.4377	Ave		0.4149				7.7		15.0			
Butyl acetate	0.7224 0.5247	0.4930	0.5686	0.5574	0.5393	Ave		0.5676				14.2		15.0			
2-Hexanone	0.1900 0.2231	0.2171	0.2326	0.2799	0.2628	Ave		0.2342				13.9		15.0			
Chlorobenzene	2.0100 1.9207	1.6976	1.9450	2.0425	1.9503	Ave		1.9277			0.3000	6.3		15.0			
Ethylbenzene	1.1125 1.0833	0.9025	1.1210	1.1822	1.1077	Ave		1.0849				8.8		30.0			
1,1,1,2-Tetrachloroethane	0.7316 0.7349	0.5910	0.7354	0.7410	0.7414	Ave		0.7126				8.4		15.0			
m&p-Xylene	1.3174 1.3464	1.0932	1.3726	1.4535	1.3650	Ave		1.3247				9.2		15.0			
o-Xylene	1.1733 1.2868	1.0189	1.3035	1.3985	1.3004	Ave		1.2469				10.6		15.0			
Bromoform	0.3453 0.3997	0.3045	0.3835	0.4064	0.4016	Ave		0.3735			0.1000	10.9		15.0			
Styrene	1.6458 1.9763	1.4354	1.8596	2.0852	1.9577	Ave		1.8267				13.3		15.0			
Butyl acrylate	2.2775 1.4387	1.2360	1.5098	1.4385	1.3742	LinF		1.4303							0.9996		0.9900
Isopropylbenzene	3.1866 3.5537	2.9249	3.7543	4.0346	3.8260	Ave		3.5467				11.8		15.0			
Monobromobenzene	1.5602 1.5847	1.4152	1.5119	1.6308	1.5489	Ave		1.5420				4.8		15.0			
N-Propylbenzene	7.4559 7.0568	6.3257	7.6116	8.3843	8.0016	Ave		7.4727				9.7		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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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								
1,1,2,2-Tetrachloroethane	0.9675 0.9687	0.9302	0.9580	1.0219	0.9779	Ave		0.9707			0.3000	3.1		15.0			
2-Chlorotoluene	4.9471 5.2247	4.3993	4.8645	5.2829	5.0135	Ave		4.9553				6.4		15.0			
1,2,3-Trichloropropane	0.3085 0.2810	0.2923	0.2891	0.3040	0.2852	Ave		0.2934				3.7		15.0			
1,3,5-Trimethylbenzene	4.9777 5.8418	4.2935	5.2498	5.7668	5.7669	Ave		5.3161				11.4		15.0			
trans-1,4-Dichloro-2-butene	0.0688 0.0590	0.0649	0.0742	0.0777	0.0626	Ave		0.0679				10.5		15.0			
4-Chlorotoluene	4.2610 4.3547	3.4972	3.9598	4.3961	4.1651	Ave		4.1057				8.2		15.0			
tert-Butylbenzene	3.9822 5.3382	3.5215	4.5857	4.9916	5.1758	LinF		5.3128							0.9997		0.9900
Butyl Methacrylate	1.4305 1.4852	1.0662	1.2964	1.4617	1.4064	Ave		1.3577				11.6		15.0			
1,2,4-Trimethylbenzene	4.7440 5.7420	4.3381	5.2651	5.7315	5.5976	Ave		5.2364				11.1		15.0			
sec-Butylbenzene	6.6421 7.0139	5.8724	7.2755	8.0273	7.9831	Ave		7.1357				11.5		15.0			
p-Isopropyltoluene	5.3644 6.2700	4.9056	6.1956	6.8148	6.7309	Ave		6.0469				12.6		15.0			
1,3-Dichlorobenzene	3.4720 3.0992	2.7327	3.0646	3.3010	3.0417	Ave		3.1185				8.1		15.0			
1,4-Dichlorobenzene	3.5146 3.0171	2.6898	2.9358	3.1729	2.9910	Ave		3.0535				9.0		15.0			
2-Octanone	1.0440 0.7432	0.7926	0.8918	0.8663	0.7421	Ave		0.8467				13.6		15.0			
Benzyl chloride	0.4108 0.4179	0.3851	0.4106	0.4372	0.4126	Ave		0.4124				4.1		15.0			
n-Butylbenzene	2.9442 3.4760	2.9194	3.3350	3.5706	3.4161	Ave		3.2769				8.5		15.0			
1,2-Dichlorobenzene	3.1795 2.7774	2.5735	2.7851	2.8500	2.7412	Ave		2.8178				7.1		15.0			
1,2-Dibromo-3-Chloropropane	0.1922 0.1618	0.1352	0.1620	0.1613	0.1625	Ave		0.1625				11.1		15.0			
Hexachlorobutadiene	1.5516 1.7050	1.2958	1.5185	1.6969	1.6532	Ave		1.5702				9.8		15.0			
1,2,4-Trichlorobenzene	2.5788 2.2464	1.9160	2.1444	2.3287	2.2458	Ave		2.2433				9.7		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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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								
Camphor	0.1321 0.0793	0.0726	0.0674	0.0715	0.0739	LinF		0.0786							0.9990		0.9900
Naphthalene	4.1764 3.4992	2.8214	3.3754	3.4994	3.5158	Ave		3.4813				12.4		15.0			
1,2,3-Trichlorobenzene	2.2035 1.9593	1.7026	1.9188	2.0510	1.9721	Ave		1.9679				8.4		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1859 0.2153	0.2065	0.2087	0.2036	0.2270	Ave		0.2078				6.6		15.0			
Toluene-d8 (Surr)	1.1915 1.3180	1.2850	1.3365	1.2504	1.2964	Ave		1.2796				4.1		15.0			
Bromofluorobenzene	0.9506 1.1022	1.0191	1.0667	1.0431	1.0227	Ave		1.0341				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-152371/4	d30781.d
Level 2	IC 460-152371/3	d30780.d
Level 3	ICIS 460-152371/2	d30778.d
Level 4	IC 460-152371/5	d30783.d
Level 5	IC 460-152371/6	d30784.d
Level 6	IC 460-152371/7	d30785.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	7032 3201393	32455	96438	315340	1263885	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6881 2671383	28920	86188	274519	1201217	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6269 2794656	27981	92619	291799	1275746	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4041 1830169	19046	64466	177004	834325	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3266 1405534	13390	47227	132935	629490	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	2666 838957	8910	32166	91565	382692	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	8635 3767158	35429	132150	362237	1675804	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	10043 3891385	39486	139656	384268	1780709	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	7657 2823200	27666	105817	298466	1328326	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2707 1063781	11632	41282	109294	495260	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3832 1753020	16055	62576	175559	797012	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	16070 7342906	66949	234962	708013	3331661	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	12071 107675	27731	33837	47397	86453	1000 6000	2000	3000	4000	5000
Freon TF	FB	Ave	4870 2385543	23308	86035	248498	1069474	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	9864 4105108	39937	146732	421369	1826141	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	LinF	7161 2016772	26476	77811	212727	927256	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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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
Acetone	FB	QuaF	10935 648008	14532	19344	29170	201744	10.0 1000	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5187 2383554	20162	83103	238039	1069004	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	928 415037	4459	16805	41738	190991	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	5035 1902154	18977	72807	204622	896474	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	10724 4512639	40854	163707	431945	2014935	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	7848 2883081	31952	104879	269198	1310779	20.0 10000	100	400	1000	4000
Acetonitrile	FB	QuaF	2770 3047112	26719	107988	322534	1568061	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	13286 5729141	53558	207682	555997	2611000	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7996 3774842	30047	130638	364608	1718177	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	11979 5213465	46760	236403	578966	2311040	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5343 2480581	20391	87482	239548	1068326	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	7022 3674201	28094	128667	345767	1540984	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	9858 4170286	42640	152650	434685	1839448	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2343 1117108	9141	37164	106360	468208	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	8150 3931187	30827	130340	370449	1664733	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	8074 4355385	32361	143202	402144	1811315	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	LinF	851 307930	2902	9442	29032	134195	2.00 1000	10.0	40.0	100	400
1,1,1-Trichloroethane	FB	Ave	7671 4045494	30707	136934	375950	1698785	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5997 2983577	21966	98625	283330	1287642	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	LinF	7048 977474	13803	18562	51630	235167	10.0 1000	15.0	20.0	50.0	200
n-Heptane	CBZ	Ave	4414 1931247	18062	67900	201749	874409	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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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
Benzene	FB	Ave	17386 8932968	68819	296030	834655	3779774	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	9060 4537892	39139	166414	438455	1989346	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5020 2178298	17822	73313	199975	940539	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	9700 4793053	44280	181098	471998	1994758	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	10913 4734726	42615	169672	481027	1946553	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4574 2505345	20176	83262	233558	988044	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1974 1034522	8245	33803	94212	405801	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3904 1944950	15352	63745	180965	758325	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	2688 1498471	13570	45925	134358	571667	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4545 2690861	18019	82628	229352	1011253	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1680 904280	7441	28510	85158	347837	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	1396 +++++	3204	4952	7616	9282	50.0 +++++	100	150	200	250
Propyl acetate	FB	LinF	1987 1533994	9742	45690	130089	592041	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1101 694305	5336	20942	61893	260944	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	FB	Ave	5054 3142220	20598	90682	261733	1176529	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	21274 10023589	74603	316059	895247	3780410	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	3586 2220109	18234	73212	198729	880785	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	6189 3259597	21717	104743	300955	1207120	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	15914 2156715	25566	36358	99241	422500	10.0 1000	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4153 2524987	15760	68152	206298	901078	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2485 1177763	9004	38826	106288	439265	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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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 methacrylate	FB	Ave	2838 1823658	11812	54259	158706	664207	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2975 2044868	12961	58015	167919	722692	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4635 2348174	16564	75439	211962	860294	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2504 1416364	9957	45488	127483	522960	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	9248 3523845	27129	120016	318709	1288631	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	12159 1498568	17920	24545	80015	313928	10.0 1000	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	12865 6449305	46712	205254	583894	2330161	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	7121 3637702	24834	118300	337960	1323424	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4683 2467607	16261	77606	211834	885832	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	16865 9042184	60163	289692	831012	3261701	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	7510 4321017	28036	137556	399791	1553604	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2210 1342008	8378	40467	116169	479750	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	10534 6635984	39496	196244	596102	2338920	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	LinF	7973 2458268	18727	90503	229250	871955	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	20396 11932783	80480	396193	1153370	4571115	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	5462 2707807	21442	90633	259908	982810	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	26102 12058141	95839	456279	1336208	5077073	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3387 1655166	14093	57427	162858	620494	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	17319 8927544	66652	291606	841943	3181066	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1080 480233	4428	17329	48454	180950	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	17426 9982090	65049	314705	919057	3659145	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.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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-1,4-Dichloro-2-butene	FB	Ave	691 320092	2928	12689	35211	130460	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14917 7441075	52985	237373	700609	2642795	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	LinF	13941 9121599	53353	274891	795509	3284044	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	5008 2537772	16153	77711	232948	892396	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	16608 9811497	65726	315620	913435	3551679	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	23253 11984903	88971	436132	1279315	5065282	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	18780 10713781	74323	371399	1086079	4270778	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	12155 5295754	41403	183709	526073	1929945	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	12304 5155326	40753	175989	505658	1897777	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	3655 1269980	12009	53457	138070	470867	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	1438 714128	5834	24613	69681	261775	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	10307 5939531	44231	199920	569053	2167549	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	11131 4745870	38990	166952	454203	1739303	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	673 276494	2048	9713	25704	103127	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	5432 2913355	19633	91026	270429	1048969	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	9028 3838417	29028	128546	371125	1424982	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	2313 677783	5496	20216	56940	234362	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	14621 5979116	42746	202343	557698	2230768	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	7714 3347936	25795	115024	326866	1251337	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	93297 116899	93156	89284	92254	118304	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	381331 442569	353563	352597	357456	387216	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152371

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/22/2013 07:58 Calibration End Date: 03/22/2013 11:03 Calibration ID: 20818

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
Bromofluorobenzene	DCB	Ave	166399 188335	154398	159863	166243	162220	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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-149877/6	k10315.d
Level 2	IC 460-149877/8	k10323.d
Level 3	ICIS 460-149877/2	k10309.d
Level 4	IC 460-149877/3	k10316.d
Level 5	IC 460-149877/4	k10317.d
Level 6	IC 460-149877/7	k10318.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	0.3670 0.3343	0.2255	0.2822	0.3181	0.3486	LinF		0.3361							0.9996		0.9900
Chloromethane	0.7138 0.5625	0.4865	0.5528	0.5798	0.5938	Ave		0.5815			0.1000	12.8		15.0			
Vinyl chloride	0.5204 0.4922	0.3611	0.4421	0.4795	0.5101	Ave		0.4676				12.6		30.0			
Bromomethane	0.2561 0.2035	0.2366	0.2523	0.2200	0.2022	Ave		0.2285				10.3		15.0			
Chloroethane	0.2772 0.2343	0.2116	0.2617	0.2604	0.2514	Ave		0.2494				9.3		15.0			
Dichlorofluoromethane	0.8986 0.7602	0.7578	0.8398	0.8578	0.8085	Ave		0.8205				6.8		15.0			
Trichlorofluoromethane	0.5833 0.5074	0.3457	0.4323	0.4968	0.5312	LinF		0.5106							0.9995		0.9900
n-Pentane	0.0996 0.0609	0.0492	0.0635	0.0614	0.0634	LinF		0.0613							0.9997		0.9900
Ethanol	0.0038 0.0033	0.0028	0.0026	0.0029	0.0031	Ave		0.0031				14.1		15.0			
Ethyl ether	0.3420 0.2949	0.3543	0.3241	0.3244	0.3085	Ave		0.3247				6.6		15.0			
Isopropene	0.5053 0.4913	0.3898	0.5044	0.5130	0.5013	Ave		0.4842				9.7		15.0			
Acrolein	0.1144 0.0757	0.0941	0.0841	0.0805	0.0788	LinF		0.0766							0.9989		0.9900
Freon TF	0.3064 0.2938	0.2186	0.3054	0.2968	0.3026	Ave		0.2873				11.8		15.0			
1,1-Dichloroethene	0.2718 0.2476	0.2232	0.2455	0.2511	0.2512	Ave		0.2484				6.3		30.0			
Acetone	0.1585 0.1463	0.1442	0.1819	0.1415	0.1573	Ave		0.1549				9.7		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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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	0.4441 0.4540	0.4278	0.4551	0.4450	0.4354	Ave		0.4436				2.4		15.0			
Carbon disulfide	1.3022 1.3066	1.1596	1.3556	1.3586	1.3109	Ave		1.2989				5.6		15.0			
Methyl acetate	0.3811 0.3821	0.4244	0.3760	0.3834	0.3908	Ave		0.3896				4.5		15.0			
Cyclopentene	0.8378 1.0247	0.6850	0.9767	0.9746	1.0114	Ave		0.9184				14.4		15.0			
Acetonitrile	0.0155 0.0118	0.0173	0.0157	0.0160	0.0147	Ave		0.0152				12.1		15.0			
Methylene Chloride	0.3827 0.3670	0.3892	0.3853	0.3801	0.3669	Ave		0.3785				2.5		15.0			
TBA	0.0501 0.0492	0.0442	0.0375	0.0398	0.0448	Ave		0.0442				11.3		15.0			
MTBE	0.8705 1.0511	0.9478	0.9823	0.9835	1.0234	Ave		0.9764				6.5		15.0			
trans-1,2-Dichloroethene	0.2979 0.3055	0.2739	0.3124	0.3078	0.3037	Ave		0.3002				4.6		15.0			
Acrylonitrile	0.1827 0.1736	0.1855	0.1620	0.1703	0.1704	Ave		0.1741				5.0		15.0			
Hexane	0.2567 0.2842	0.2117	0.3072	0.2902	0.2979	Ave		0.2746				12.8		15.0			
DIPE	1.0432 1.4401	1.1837	1.3400	1.3910	1.4249	Ave		1.3038				12.1		15.0			
1,1-Dichloroethane	0.7075 0.7001	0.6618	0.7235	0.7143	0.7034	Ave		0.7018			0.1000	3.0		15.0			
Vinyl acetate	0.9280 1.1672	0.9872	1.1078	1.0834	1.1193	Ave		1.0655				8.4		15.0			
Tert-butyl ethyl ether	1.1002 1.1661	1.0117	1.1056	1.0922	1.1374	Ave		1.1022				4.7		15.0			
2,2-Dichloropropane	0.4465 0.4805	0.3641	0.4656	0.4535	0.4694	Ave		0.4466				9.4		15.0			
cis-1,2-Dichloroethene	0.3270 0.3559	0.3342	0.3526	0.3514	0.3514	Ave		0.3454				3.4		15.0			
2-Butanone	0.0477 0.0518	0.0431	0.0448	0.0475	0.0492	Ave		0.0474				6.5		15.0			
Ethyl acetate	0.0451 0.0451	0.0423	0.0370	0.0405	0.0435	Ave		0.0422				7.3		15.0			
Tetrahydrofuran	0.1612 0.1665	0.1594	0.1476	0.1536	0.1622	Ave		0.1584				4.3		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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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								
Bromochloromethane	0.1548 0.1470	0.1610	0.1513	0.1468	0.1456	Ave		0.1511				4.0		15.0			
Methacrylonitrile	0.1419 0.1795	0.1687	0.1598	0.1686	0.1758	Ave		0.1657				8.2		15.0			
Chloroform	0.5796 0.6064	0.6105	0.6371	0.6256	0.6124	Ave		0.6120				3.2		30.0			
Cyclohexane	0.5227 0.6941	0.3775	0.6437	0.6466	0.6914	LinF		0.6932							0.9999		0.9900
1,1,1-Trichloroethane	0.4162 0.4950	0.3638	0.4645	0.4701	0.4875	Ave		0.4495				11.2		15.0			
Carbon tetrachloride	0.3663 0.3901	0.2824	0.3665	0.3695	0.3830	Ave		0.3596				10.9		15.0			
1,1-Dichloropropene	0.3561 0.4319	0.2963	0.3964	0.4051	0.4278	Ave		0.3856				13.4		15.0			
Benzene	2.1023 2.0441	2.0055	2.1687	2.1836	2.1264	Ave		2.1051				3.3		15.0			
Isopropyl acetate	1.0812 1.1089	1.0370	0.9699	1.0022	1.0798	Ave		1.0465				5.1		15.0			
Tert-amyl methyl ether	0.7701 1.0729	0.8725	0.9300	0.9615	1.0376	Ave		0.9407				11.8		15.0			
1,2-Dichloroethane	0.5220 0.5293	0.5621	0.5353	0.5376	0.5325	Ave		0.5365				2.6		15.0			
n-Heptane	0.1856 0.1823	0.1213	0.1978	0.1791	0.1901	LinF		0.1834							0.9996		0.9900
2,4,4-Trimethyl-1-pentene	0.0500 0.0734	0.0379	0.0643	0.0627	0.0731	LinF		0.0733							0.9997		0.9900
Trichloroethene	0.2998 0.3320	0.2776	0.3144	0.3188	0.3247	Ave		0.3112				6.3		15.0			
Ethyl acrylate	0.0287 0.0373	0.0304	0.0300	0.0308	0.0339	Ave		0.0319				10.0		15.0			
Methylcyclohexane	0.3729 0.4954	0.2995	0.4776	0.4662	0.4974	LinF		0.4954							0.9999		0.9900
1,2-Dichloropropane	0.3601 0.4065	0.3817	0.3942	0.3918	0.4039	Ave		0.3897				4.4		30.0			
Methyl methacrylate	0.0561 0.0831	0.0644	0.0644	0.0687	0.0783	Ave		0.0692				14.4		15.0			
1,4-Dioxane	0.0049 +++++	0.0041	0.0038	0.0044	0.0053	Ave		0.0045				13.6		15.0			
Propyl acetate	0.5680 0.7123	0.5733	0.5530	0.6009	0.6614	Ave		0.6115				10.2		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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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								
Dibromomethane	0.2234 0.2336	0.2437	0.2310	0.2276	0.2303	Ave		0.2316				3.0		15.0			
Bromodichloromethane	0.4256 0.4845	0.4620	0.4692	0.4719	0.4761	Ave		0.4649				4.4		15.0			
2-Chloroethyl vinyl ether	0.1591 0.2757	0.1920	0.2080	0.2243	0.2613	LinF		0.2734							0.9990		0.9900
Epichlorohydrin	0.0609 0.0675	0.0658	0.0619	0.0662	0.0686	Ave		0.0651				4.7		15.0			
cis-1,3-Dichloropropene	0.6953 0.8929	0.7788	0.8370	0.8490	0.8922	Ave		0.8242				9.2		15.0			
4-Methyl-2-pentanone	0.5283 0.7367	0.5731	0.5908	0.6504	0.7193	Ave		0.6331				13.2		15.0			
Toluene	1.6539 1.9657	1.6405	1.9126	1.9461	1.9947	Ave		1.8523				8.7		30.0			
trans-1,3-Dichloropropene	0.6194 0.7769	0.6746	0.6866	0.7008	0.7686	Ave		0.7045				8.5		15.0			
Ethyl methacrylate	0.2744 0.5138	0.3387	0.3747	0.4133	0.4786	LinF		0.5084							0.9985		0.9900
1,1,2-Trichloroethane	0.3698 0.4116	0.4349	0.4130	0.4109	0.4155	Ave		0.4093				5.2		15.0			
Tetrachloroethene	0.3230 0.3518	0.2277	0.3220	0.3309	0.3446	Ave		0.3167				14.3		15.0			
1,3-Dichloropropane	0.7751 0.7892	0.8024	0.7906	0.7853	0.8028	Ave		0.7909				1.3		15.0			
2-Hexanone	0.3439 0.4799	0.3651	0.3778	0.4137	0.4551	Ave		0.4059				13.1		15.0			
Butyl acetate	0.0853 0.1374	0.0998	0.1095	0.1188	0.1319	LinF		0.1365							0.9994		0.9900
Dibromochloromethane	0.4346 0.4455	0.4685	0.4472	0.4396	0.4429	Ave		0.4464				2.6		15.0			
1,2-Dibromoethane	0.4208 0.4380	0.4504	0.4253	0.4328	0.4377	Ave		0.4342				2.4		15.0			
Chlorobenzene	1.0052 1.1406	1.0035	1.1216	1.1005	1.1302	Ave		1.0836			0.3000	5.8		15.0			
Ethylbenzene	0.4372 0.6390	0.4099	0.5663	0.5860	0.6298	LinF		0.6372							0.9998		0.9900
1,1,1,2-Tetrachloroethane	0.3824 0.4295	0.3883	0.4091	0.4024	0.4224	Ave		0.4057				4.6		15.0			
m&p-Xylene	0.5242 0.7749	0.5138	0.7285	0.7452	0.7777	LinF		0.7750							1.0000		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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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	0.2134 0.4461	0.2635	0.3156	0.3515	0.4191	LinF		0.4418							0.9986		0.9900
o-Xylene	0.5015 0.8160	0.5419	0.7627	0.7838	0.8173	LinF		0.8158							1.0000		0.9900
Styrene	0.8148 1.3796	0.9946	1.2909	1.3323	1.3711	LinF		1.3779							1.0000		0.9900
Amly acetate	1.3877 2.4987	1.7008	1.8758	2.0450	2.3966	LinF		2.4814							0.9992		0.9900
Bromoform	0.2699 0.3005	0.2919	0.2793	0.2807	0.2893	Ave		0.2853			0.1000	3.8		15.0			
Isopropylbenzene	1.1548 1.9774	1.0873	1.7932	1.9199	2.0352	LinF		1.9847							0.9998		0.9900
Monobromobenzene	0.8253 0.9079	0.7912	0.8569	0.8476	0.8906	Ave		0.8533				5.0		15.0			
1,1,2,2-Tetrachloroethane	1.4127 1.4126	1.5467	1.4460	1.4451	1.4400	Ave		1.4505			0.3000	3.4		15.0			
N-Propylbenzene	3.8488 4.9139	3.0921	4.8232	5.1083	5.3693	LinF		4.9824							0.9985		0.9900
1,2,3-Trichloropropane	0.3515 0.3158	0.3351	0.3039	0.3118	0.3201	Ave		0.3230				5.4		15.0			
trans-1,4-Dichloro-2-butene	0.3581 0.3781	0.3633	0.3503	0.3635	0.3846	Ave		0.3663				3.5		15.0			
2-Chlorotoluene	2.7867 3.6029	2.6776	3.4907	3.5764	3.7701	Ave		3.3174				14.0		15.0			
p-Ethyltoluene	2.5262 3.7035	2.6047	3.6502	3.7219	3.8856	LinF		3.7294							0.9996		0.9900
1,3,5-Trimethylbenzene	2.0834 3.3810	1.9626	3.0700	3.2462	3.4744	LinF		3.3925							0.9998		0.9900
4-Chlorotoluene	2.3424 3.2004	2.4458	3.1420	3.1267	3.2598	Ave		2.9195				14.1		15.0			
Butyl Methacrylate	0.7245 1.4465	0.8747	1.1070	1.2162	1.4054	LinF		1.4390							0.9994		0.9900
tert-Butylbenzene	1.4710 2.5366	1.1843	2.0456	2.2785	2.5684	LinF		2.5384							0.9997		0.9900
1,2,4-Trimethylbenzene	2.0533 3.4395	2.0274	3.2082	3.3477	3.6049	LinF		3.4619							0.9995		0.9900
2-Octanone	1.3080 2.6019	1.4570	1.7328	1.9459	2.3994	LinF		2.5709							0.9979		0.9900
sec-Butylbenzene	2.5604 3.9595	2.1378	3.7509	3.9578	4.2759	LinF		4.0053							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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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	1.8856 3.1627	1.5708	2.7907	3.0250	3.3735	LinF		3.1916							0.9991		0.9900
1,3-Dichlorobenzene	1.4900 1.7741	1.4801	1.6589	1.6693	1.7820	Ave		1.6424				8.0		15.0			
1,4-Dichlorobenzene	1.6108 1.7681	1.5256	1.7035	1.6959	1.7511	Ave		1.6758				5.5		15.0			
Benzyl chloride	1.8517 2.3829	1.9128	1.9902	2.0104	2.2785	Ave		2.0711				10.2		15.0			
Indan	0.7208 1.1442	0.8649	1.0643	1.0973	1.1365	LinF		1.1427							1.0000		0.9900
1,4-Diethylbenzene	0.3592 0.6323	0.3888	0.5813	0.5896	0.6188	LinF		0.6301							0.9998		0.9900
n-Butylbenzene	3.0083 3.9379	2.4839	3.9750	4.1161	4.2449	LinF		3.9842							0.9989		0.9900
1,2-Dichlorobenzene	1.4520 1.7538	1.5026	1.6603	1.6693	1.7303	Ave		1.6281				7.6		15.0			
1,2,4,5-Tetramethylbenzene	0.4781 1.0380	0.5572	0.8300	0.9179	1.0249	LinF		1.0350							0.9997		0.9900
1,2-Dibromo-3-Chloropropane	0.3060 0.2990	0.2915	0.2752	0.2818	0.2912	Ave		0.2908				3.8		15.0			
1,2,4-Trichlorobenzene	0.9366 1.1036	0.8546	1.0279	1.0451	1.0907	Ave		1.0097				9.5		15.0			
Hexachlorobutadiene	0.4170 0.3304	0.2295	0.3390	0.3301	0.3467	LinF		0.3328							0.9996		0.9900
Naphthalene	2.8459 3.6036	2.6116	3.1666	3.3513	3.6525	Ave		3.2052				13.0		15.0			
1,2,3-Trichlorobenzene	1.0466 1.0285	0.8969	0.9913	0.9985	1.0446	Ave		1.0011				5.6		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3300 0.3251	0.3236	0.3111	0.3212	0.3187	Ave		0.3216				2.0		15.0			
Toluene-d8 (Surr)	1.0561 1.0791	1.0972	1.0809	1.0970	1.0888	Ave		1.0832				1.4		15.0			
Bromofluorobenzene	0.6805 0.6971	0.6937	0.6832	0.6972	0.7032	Ave		0.6925				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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-149877/6	k10315.d
Level 2	IC 460-149877/8	k10323.d
Level 3	ICIS 460-149877/2	k10309.d
Level 4	IC 460-149877/3	k10316.d
Level 5	IC 460-149877/4	k10317.d
Level 6	IC 460-149877/7	k10318.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	4028 2285018	12877	67324	185397	889780	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7834 3844445	27779	131869	337947	1515594	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5712 3363916	20621	105461	279478	1301981	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2811 1390774	13512	60184	128229	516157	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3043 1601581	12082	62434	151790	641645	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	9863 5196276	43272	200326	499954	2063672	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	LinF	6402 3467865	19742	103121	289567	1355842	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	2186 832416	5615	30285	71539	323704	2.00 1000	10.0	40.0	100	400
Ethanol	FB	Ave	42145 271565	63804	93368	136633	199301	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	3754 2015351	20232	77315	189057	787293	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	5546 3358118	22262	120330	298978	1279528	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	LinF	5021 413660	21502	40110	93809	201020	4.00 400	20.0	40.0	100	200
Freon TF	FB	Ave	3363 2008313	12482	72849	173003	772371	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2983 1692669	12744	58562	146375	641098	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	8699 999751	24703	43401	82449	401514	5.00 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	4874 3103320	24430	108560	259345	1111188	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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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	14293 8930481	66222	323360	791865	3345942	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	4183 2611916	24235	89690	223463	997530	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	9195 7004191	39120	232983	568074	2581466	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	3409 1617495	19746	74692	186642	751371	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	Ave	4200 2508700	22225	91910	221571	936559	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	10989 6721804	50435	178813	463611	2285927	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	9554 7184434	54126	234331	573240	2611968	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3270 2087996	15641	74525	179432	775123	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	4011 474731	21191	38642	99236	217507	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	2817 1942515	12087	73289	169171	760215	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	11450 9843197	67597	319639	810781	3636685	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7765 4785214	37795	172576	416343	1795252	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	20370 15955790	112748	528510	1262906	5713462	2.00 1000	10.0	40.0	100	400
Tert-butyl ethyl ether	FB	Ave	12076 7970047	57776	263721	636612	2902910	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	4901 3284339	20791	111058	264297	1198018	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3589 2432746	19086	84116	204789	896817	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2618 353824	7391	10691	27675	125671	5.00 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	989 616052	4828	17658	47205	221835	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	1769 1138268	9105	35202	89514	413923	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1699 1004574	9196	36082	85545	371505	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	3114 2453854	19271	76250	196574	897141	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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
Chloroform	FB	Ave	6362 4144966	34864	151966	364660	1563117	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	5737 4743976	21556	153559	376886	1764615	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	4568 3383370	20774	110798	273985	1244228	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4020 2666041	16126	87418	215361	977462	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	3909 2951819	16923	94547	236093	1091948	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	14768 9689811	73162	337811	831789	3638147	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	23735 15159412	118433	462743	1168249	5511752	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	8452 7333231	49823	221852	560389	2648167	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5729 3617882	32101	127699	313343	1358993	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	LinF	2037 1245832	6925	47191	104397	485169	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	LinF	1098 1003980	4329	30684	73039	373244	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	3290 2269528	15855	74997	185843	828659	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	315 255248	1734	7151	17968	86532	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	4093 3386312	17104	113925	271727	1269629	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3952 2778768	21796	94034	228369	1030781	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	616 568091	3675	15361	40058	199866	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	2716 +++++	4716	6882	10143	17066	50.0 +++++	100	150	200	250
Propyl acetate	FB	Ave	6234 4868619	32741	131916	350242	1688105	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2452 1596641	13914	55096	132687	587877	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4671 3311516	26380	111924	275078	1215051	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	LinF	1746 1884316	10967	49612	130738	666906	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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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
Epichlorohydrin	CBZ	Ave	8559 6396943	47991	192823	504207	2346664	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4884 4232801	28411	130375	323407	1526590	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	18556 3492086	62724	92031	247765	1230731	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	11618 9318276	59846	297922	741324	3412897	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4351 3682583	24609	106956	266965	1315110	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	LinF	3012 3511969	19342	89392	240873	1221478	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2598 1950920	15867	64328	156510	710817	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2269 1667806	8305	50162	126034	589644	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	5445 3741233	29273	123147	299123	1373554	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	12080 2274705	39955	58849	157596	778596	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	LinF	1198 1302888	7283	34099	90529	451521	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	3053 2111666	17092	69658	167457	757758	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2956 2076192	16432	66243	164855	748947	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	7061 5406852	36607	174708	419196	1933675	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	LinF	3071 3029016	14952	88213	223226	1077564	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2686 2035831	14167	63731	153277	722680	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	LinF	7365 7346838	37490	226943	567749	2661205	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	LinF	1499 2114652	9611	49158	133891	717049	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	LinF	3523 3868018	19769	118804	298565	1398282	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	LinF	5724 6539618	36285	201074	507508	2345942	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	LinF	4666 5914059	31104	147507	391716	2020472	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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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
Bromoform	CBZ	Ave	1896 1424517	10649	43508	106943	494895	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	LinF	8112 9373504	39667	279318	731339	3482120	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2775 2148884	14470	67384	162353	750831	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4750 3343481	28285	113705	276811	1214038	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	LinF	12941 11630338	56548	379281	978499	4526690	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1182 747541	6128	23896	59735	269827	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1204 894785	6644	27543	69630	324211	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	9370 8527448	48967	274497	685065	3178428	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	LinF	8494 8765628	47634	287035	712946	3275830	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	LinF	7005 8002314	35891	241410	621818	2929121	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	7876 7574841	44728	247074	598920	2748226	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	2436 3423618	15997	87047	232970	1184849	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	LinF	4946 6003685	21659	160860	436446	2165296	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	LinF	6904 8140847	37077	252281	641254	3039144	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	4398 6158240	26646	136257	372734	2022817	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	8609 9371498	39096	294956	758127	3604896	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	LinF	6340 7485723	28726	219449	579447	2844046	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	5010 4199020	27068	130452	319756	1502324	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	5416 4184811	27899	133958	324854	1476327	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	6226 5639891	34980	156501	385091	1920916	1.00 500	5.00	20.0	50.0	200
Indan	FB	LinF	7911 7820902	49388	253888	639592	2900625	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.: 460-52450-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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
1,4-Diethylbenzene	FB	LinF	3942 4321863	22202	138669	343669	1579424	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	LinF	10115 9320430	45425	312578	788449	3578760	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	4882 4151026	27479	130561	319761	1458754	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	LinF	5248 7094499	31820	197980	535016	2615827	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1029 707598	5331	21644	53976	245533	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	3149 2612066	15629	80827	200191	919536	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	LinF	1402 782073	4197	26659	63237	292299	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	9569 8529045	47761	249007	641948	3079263	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3519 2434317	16403	77950	191267	880679	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	181087 222241	184820	185549	187232	203349	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	370954 511522	400267	420921	417872	465732	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	114409 165004	126867	134316	133546	148203	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.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152683/2 Calibration Date: 03/25/2013 16:12

Instrument ID: VOAMS12 Calib Start Date: 03/09/2013 06:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/09/2013 08:54

Lab File ID: o71638.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	0.3153	0.3164		20.1	20.0	0.4	50.0
Chloromethane	Ave	0.4292	0.4221	0.1000	19.7	20.0	-1.7	50.0
Vinyl chloride	Ave	0.3673	0.3826		20.8	20.0	4.2	20.0
Bromomethane	LinF	0.2525	0.2299		20.1	20.0	0.7	50.0
Chloroethane	Ave	0.2144	0.2228		20.8	20.0	3.9	50.0
Dichlorofluoromethane	Ave	0.5857	0.6427		21.9	20.0	9.7	50.0
Trichlorofluoromethane	Ave	0.5419	0.5556		20.5	20.0	2.5	50.0
n-Pentane	Ave	0.0732	0.0697		38.1	40.0	-4.7	50.0
Isopropene	Ave	0.4519	0.4582		20.3	20.0	1.4	50.0
Ethanol	Ave	0.0015	0.0015		2910	3000	-3.0	50.0
Ethyl ether	Ave	0.2228	0.2322		20.8	20.0	4.2	50.0
Acrolein	Ave	0.0373	0.0268		216	300	-28.1	50.0
1,1-Dichloroethene	Ave	0.2390	0.2495		20.9	20.0	4.4	20.0
Freon TF	Ave	0.3316	0.3418		20.6	20.0	3.1	50.0
Acetone	Ave	0.0950	0.1230		25.9	20.0	29.4	50.0
Iodomethane	Ave	0.3609	0.3381		18.7	20.0	-6.3	50.0
Carbon disulfide	Ave	0.8871	0.9186		20.7	20.0	3.6	50.0
Acetonitrile	Ave	0.0376	0.0451		480	400	19.9	50.0
Methyl acetate	LinF	0.0478	0.0501		24.3	20.0	21.4	50.0
Methylene Chloride	Ave	0.2997	0.3138		20.9	20.0	4.7	50.0
TBA	LinF	0.0342	0.0355		464	400	16.1	50.0
trans-1,2-Dichloroethene	Ave	0.2952	0.2937		19.9	20.0	-0.5	50.0
Acrylonitrile	Ave	0.0955	0.0888		139	150	-7.0	50.0
MTBE	Ave	0.7836	0.7945		20.3	20.0	1.4	50.0
Hexane	Ave	0.2769	0.2737		19.8	20.0	-1.2	50.0
1,1-Dichloroethane	Ave	0.5381	0.5446	0.1000	20.2	20.0	1.2	50.0
Vinyl acetate	Ave	0.7984	0.7771		38.9	40.0	-2.7	50.0
DIPE	Ave	1.058	1.047		19.8	20.0	-1.0	50.0
Tert-butyl ethyl ether	Ave	0.9457	0.8949	0.0100	18.9	20.0	-5.4	50.0
2,2-Dichloropropane	Ave	0.4705	0.4716		20.0	20.0	0.2	50.0
cis-1,2-Dichloroethene	Ave	0.3205	0.3276		20.4	20.0	2.2	50.0
2-Butanone	Ave	0.0295	0.0366		24.8	20.0	24.0	50.0
Ethyl acetate	Ave	0.0256	0.0246		38.3	40.0	-4.2	50.0
Bromochloromethane	Ave	0.1380	0.1337		19.4	20.0	-3.2	50.0
Tetrahydrofuran	Ave	0.0827	0.0926		22.4	20.0	11.9	50.0
Chloroform	Ave	0.4841	0.4759		19.7	20.0	-1.7	20.0
1,1,1-Trichloroethane	Ave	0.4528	0.4495		19.9	20.0	-0.7	50.0
Cyclohexane	Ave	0.5804	0.6194		21.3	20.0	6.7	50.0
1,1-Dichloropropene	Ave	0.3772	0.3687		19.6	20.0	-2.2	50.0
Carbon tetrachloride	LinF	0.3737	0.3695		18.4	20.0	-8.2	50.0
Benzene	Ave	1.172	1.153		19.7	20.0	-1.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152683/2 Calibration Date: 03/25/2013 16:12

Instrument ID: VOAMS12 Calib Start Date: 03/09/2013 06:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/09/2013 08:54

Lab File ID: o71638.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	0.3281	0.3312		20.2	20.0	0.9	50.0
Isopropyl acetate	LinF	0.7066	0.6415		41.4	40.0	3.5	50.0
Tert-amyl methyl ether	Ave	0.7802	0.7622		19.5	20.0	-2.3	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1259	0.1286		40.8	40.0	2.1	50.0
Trichloroethene	Ave	0.3082	0.2957		19.2	20.0	-4.1	50.0
n-Butanol	Ave	0.0044	0.0049		1680	1500	12.0	50.0
Ethyl acrylate	LinF	0.0144	0.0159		20.9	20.0	4.7	50.0
Methylcyclohexane	Ave	0.6029	0.6226		20.7	20.0	3.3	50.0
1,2-Dichloropropane	Ave	0.2821	0.2676		19.0	20.0	-5.2	20.0
Dibromomethane	Ave	0.1459	0.1439		19.7	20.0	-1.4	50.0
Methyl methacrylate	Ave	0.1792	0.1729		19.3	20.0	-3.5	50.0
1,4-Dioxane	Ave	0.0035	0.0035		150	150	0.1	50.0
Propyl acetate	Ave	0.3761	0.3686		19.6	20.0	-2.0	50.0
Bromodichloromethane	LinF	0.3318	0.3345		17.4	20.0	-13.1	50.0
2-Chloroethyl vinyl ether	Ave	0.1405	0.1315		18.7	20.0	-6.4	50.0
Epichlorohydrin	Ave	0.0232	0.0252		435	400	8.6	50.0
cis-1,3-Dichloropropene	Ave	0.4256	0.4134		19.4	20.0	-2.9	50.0
4-Methyl-2-pentanone	Ave	0.2441	0.2520		20.6	20.0	3.2	50.0
Toluene	Ave	1.818	1.730		19.0	20.0	-4.8	20.0
trans-1,3-Dichloropropene	LinF	0.4963	0.4484		15.5	20.0	-22.6	50.0
1,1,2-Trichloroethane	Ave	0.2531	0.2408		19.0	20.0	-4.9	50.0
Tetrachloroethene	Ave	0.5191	0.5107		19.7	20.0	-1.6	50.0
1,3-Dichloropropane	Ave	0.5412	0.5036		18.6	20.0	-6.9	50.0
2-Hexanone	Ave	0.2472	0.2414		19.5	20.0	-2.4	50.0
Dibromochloromethane	QuaF	0.3392	0.3149		16.7	20.0	-16.3	50.0
1,2-Dibromoethane	Ave	0.3174	0.2881		18.2	20.0	-9.2	50.0
Butyl acetate	Ave	0.5715	0.5510		38.6	40.0	-3.6	50.0
Chlorobenzene	Ave	1.163	1.083	0.3000	18.6	20.0	-6.8	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3839	0.3547		18.5	20.0	-7.6	50.0
Ethylbenzene	Ave	0.6500	0.6124		18.8	20.0	-5.8	20.0
m&p-Xylene	Ave	0.7936	0.7424		37.4	40.0	-6.5	50.0
o-Xylene	Ave	0.7771	0.7002		18.0	20.0	-9.9	50.0
Styrene	Ave	1.288	1.215		18.9	20.0	-5.7	50.0
Butyl acrylate	Ave	1.205	1.144		19.0	20.0	-5.1	50.0
Bromoform	QuaF	0.2273	0.2087	0.1000	15.8	20.0	-20.8	50.0
Amly acetate	Ave	0.6011	0.5766		19.2	20.0	-4.1	50.0
Isopropylbenzene	Ave	2.130	2.044		19.2	20.0	-4.0	50.0
Camphene, Total	Ave	0.3552	0.3529		19.9	20.0	-0.7	50.0
Monobromobenzene	Ave	0.9296	0.8521		18.3	20.0	-8.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7093	0.6571	0.3000	18.5	20.0	-7.4	50.0
1,2,3-Trichloropropane	Ave	0.2145	0.1858		17.3	20.0	-13.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152683/2 Calibration Date: 03/25/2013 16:12

Instrument ID: VOAMS12 Calib Start Date: 03/09/2013 06:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/09/2013 08:54

Lab File ID: o71638.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	0.0789	0.0763		19.3	20.0	-3.3	50.0
N-Propylbenzene	Ave	4.521	4.196		18.6	20.0	-7.2	50.0
2-Chlorotoluene	Ave	2.554	2.394		18.7	20.0	-6.3	50.0
p-Ethyltoluene	Ave	1.544	1.634		21.2	20.0	5.8	50.0
4-Chlorotoluene	Ave	2.655	2.451		18.5	20.0	-7.7	50.0
1,3,5-Trimethylbenzene	Ave	3.086	2.904		18.8	20.0	-5.9	50.0
Butyl Methacrylate	Ave	1.046	1.034		19.8	20.0	-1.2	50.0
tert-Butylbenzene	Ave	2.835	2.668		18.8	20.0	-5.9	50.0
1,2,4-Trimethylbenzene	Ave	3.142	2.945		18.7	20.0	-6.3	50.0
sec-Butylbenzene	Ave	4.228	4.065		19.2	20.0	-3.8	50.0
1,3-Dichlorobenzene	Ave	1.830	1.750		19.1	20.0	-4.4	50.0
1,4-Dichlorobenzene	Ave	1.866	1.759		18.9	20.0	-5.7	50.0
p-Isopropyltoluene	Ave	3.617	3.435		19.0	20.0	-5.0	50.0
Benzyl chloride	LinF	1.265	1.254		16.5	20.0	-17.5	50.0
1,2-Dichlorobenzene	Ave	1.714	1.651		19.3	20.0	-3.7	50.0
1,4-Diethylbenzene	Ave	0.9123	1.005		22.0	20.0	10.1	50.0
n-Butylbenzene	Ave	4.082	4.031		19.7	20.0	-1.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1581	0.1468		18.6	20.0	-7.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.381	1.538		22.3	20.0	11.3	50.0
Camphor	Ave	0.0749	0.0720		96.1	100	-3.9	50.0
1,2,4-Trichlorobenzene	Ave	1.408	1.328		18.9	20.0	-5.6	50.0
Hexachlorobutadiene	Ave	0.9240	0.9011		19.5	20.0	-2.5	50.0
Naphthalene	Ave	2.583	2.403		18.6	20.0	-6.9	50.0
1,2,3-Trichlorobenzene	Ave	1.251	1.154		18.4	20.0	-7.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1719	0.1695		49.3	50.0	-1.4	50.0
Toluene-d8 (Surr)	Ave	0.9323	0.8690		46.6	50.0	-6.8	50.0
Bromofluorobenzene	Ave	0.7844	0.7172		45.7	50.0	-8.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151692/2 Calibration Date: 03/19/2013 05:12

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53479.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	Ave	0.2610	0.2538		19.4	20.0	-2.8	50.0
Chloromethane	Ave	0.3312	0.3150	0.1000	19.0	20.0	-4.9	50.0
Vinyl chloride	Ave	0.2922	0.2802		19.2	20.0	-4.1	20.0
Bromomethane	LinF	0.1104	0.1033		19.2	20.0	-4.1	50.0
Chloroethane	Ave	0.1326	0.1233		18.6	20.0	-7.0	50.0
Trichlorofluoromethane	Ave	0.2084	0.1991		19.1	20.0	-4.4	50.0
Dichlorofluoromethane	Ave	0.4385	0.4157		19.0	20.0	-5.2	50.0
n-Pentane	LinF	0.0224	0.0226		43.6	40.0	8.9	50.0
Ethyl ether	Ave	0.2218	0.2069		18.7	20.0	-6.7	50.0
Ethanol	Ave	0.0020	0.0020		2990	3000	-0.3	50.0
Freon TF	LinF	0.1385	0.1279		20.6	20.0	2.8	50.0
Acrolein	Ave	0.0716	0.0685		38.3	40.0	-4.2	50.0
1,1-Dichloroethene	Ave	0.1218	0.1200		19.7	20.0	-1.5	20.0
Acetone	LinF	0.3467	0.2650		13.3	20.0	-33.6	50.0
Iodomethane	Ave	0.5322	0.3946		14.8	20.0	-25.9	50.0
Carbon disulfide	Ave	0.6849	0.5958		17.4	20.0	-13.0	50.0
Cyclopentene	Ave	0.5076	0.5468		21.5	20.0	7.7	50.0
Methyl acetate	Ave	0.5088	0.4642		18.2	20.0	-8.8	50.0
Acetonitrile	Ave	0.0807	0.0738		366	400	-8.5	50.0
Methylene Chloride	Ave	0.3031	0.2717		17.9	20.0	-10.3	50.0
TBA	Ave	0.0571	0.0476		333	400	-16.7	50.0
MTBE	Ave	0.9038	0.7767		17.2	20.0	-14.1	50.0
trans-1,2-Dichloroethene	Ave	0.2284	0.2245		19.7	20.0	-1.7	50.0
Acrylonitrile	Ave	0.2007	0.1998		19.9	20.0	-0.5	50.0
Hexane	Ave	0.2718	0.2853		21.0	20.0	5.0	50.0
1,1-Dichloroethane	Ave	0.5011	0.4995	0.1000	19.9	20.0	-0.3	50.0
DIPE	Ave	1.110	1.063		19.2	20.0	-4.2	50.0
Vinyl acetate	Ave	1.172	1.182		40.4	40.0	0.9	50.0
Tert-butyl ethyl ether	Ave	0.9561	0.7848		16.4	20.0	-17.9	50.0
2,2-Dichloropropane	Ave	0.3021	0.3102		20.5	20.0	2.7	50.0
cis-1,2-Dichloroethene	Ave	0.3214	0.3113		19.4	20.0	-3.1	50.0
2-Butanone	Ave	0.0631	0.0575		18.2	20.0	-9.0	50.0
Ethyl acetate	Ave	0.0499	0.0447		35.8	40.0	-10.4	50.0
Tetrahydrofuran	Ave	0.1852	0.1725		18.6	20.0	-6.9	50.0
Bromochloromethane	Ave	0.1715	0.1624		18.9	20.0	-5.3	50.0
Chloroform	Ave	0.5442	0.5347		19.7	20.0	-1.7	20.0
Cyclohexane	Ave	0.3443	0.3677		21.4	20.0	6.8	50.0
1,1,1-Trichloroethane	Ave	0.3411	0.3384		19.8	20.0	-0.8	50.0
Carbon tetrachloride	Ave	0.2850	0.2867		20.1	20.0	0.6	50.0
1,1-Dichloropropene	Ave	0.4009	0.4006		20.0	20.0	-0.0	50.0
Benzene	Ave	1.783	1.732		19.4	20.0	-2.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151692/2 Calibration Date: 03/19/2013 05:12

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53479.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
Tert-amyl methyl ether	Ave	0.8175	0.6941		17.0	20.0	-15.1	50.0
1,2-Dichloroethane	Ave	0.5258	0.5050		19.2	20.0	-4.0	50.0
Isopropyl acetate	Ave	1.135	1.042		36.7	40.0	-8.2	50.0
n-Heptane	Ave	0.2308	0.2340		20.3	20.0	1.4	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.3564	0.3279		36.8	40.0	-8.0	50.0
Trichloroethene	Ave	0.3301	0.3147		19.1	20.0	-4.7	50.0
n-Butanol	Ave	0.0155	0.0127		1230	1500	-18.0	50.0
Methylcyclohexane	Ave	0.3603	0.3681		20.4	20.0	2.2	50.0
Ethyl acrylate	Ave	0.6067	0.5683		18.7	20.0	-6.3	50.0
1,2-Dichloropropane	Ave	0.3621	0.3457		19.1	20.0	-4.5	20.0
1,4-Dioxane	Ave	0.0052	0.0040		116	150	-22.4	50.0
Dibromomethane	Ave	0.2523	0.2401		19.0	20.0	-4.9	50.0
Methyl methacrylate	Ave	0.0984	0.0935		19.0	20.0	-4.9	50.0
Propyl acetate	Ave	0.7374	0.6835		18.5	20.0	-7.3	50.0
Bromodichloromethane	Ave	0.4203	0.3911		18.6	20.0	-7.0	50.0
2-Chloroethyl vinyl ether	Ave	0.2746	0.2666		19.4	20.0	-2.9	50.0
Epichlorohydrin	Ave	0.0786	0.0723		368	400	-8.1	50.0
cis-1,3-Dichloropropene	Ave	0.7574	0.7537		19.9	20.0	-0.5	50.0
4-Methyl-2-pentanone	Ave	0.7514	0.7155		19.0	20.0	-4.8	50.0
Toluene	Ave	1.824	1.766		19.4	20.0	-3.2	20.0
trans-1,3-Dichloropropene	Ave	0.6811	0.6687		19.6	20.0	-1.8	50.0
1,1,2-Trichloroethane	Ave	0.4160	0.3968		19.1	20.0	-4.6	50.0
Tetrachloroethene	Ave	0.3988	0.4069		20.4	20.0	2.0	50.0
1,3-Dichloropropane	Ave	0.8075	0.7769		19.2	20.0	-3.8	50.0
2-Hexanone	Ave	0.5295	0.4841		18.3	20.0	-8.6	50.0
Butyl acetate	Ave	0.1519	0.1449		38.2	40.0	-4.6	50.0
Dibromochloromethane	Ave	0.4228	0.3888		18.4	20.0	-8.0	50.0
1,2-Dibromoethane	Ave	0.4892	0.4735		19.4	20.0	-3.2	50.0
Chlorobenzene	Ave	1.152	1.114	0.3000	19.3	20.0	-3.3	50.0
Ethylbenzene	Ave	0.5703	0.5796		20.3	20.0	1.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3712	0.3590		19.3	20.0	-3.3	50.0
m&p-Xylene	Ave	0.7092	0.7111		40.1	40.0	0.3	50.0
Butyl acrylate	LinF	0.3636	0.3586		15.0	20.0	-25.2	50.0
o-Xylene	Ave	0.6869	0.6904		20.1	20.0	0.5	50.0
Styrene	Ave	1.165	1.185		20.3	20.0	1.7	50.0
Amly acetate	Ave	2.099	2.097		20.0	20.0	-0.0	50.0
Bromoform	QuaF	0.2646	0.2385	0.1000	16.2	20.0	-18.9	50.0
Isopropylbenzene	Ave	1.699	1.789		21.1	20.0	5.3	50.0
Monobromobenzene	Ave	0.9537	0.9123		19.1	20.0	-4.3	50.0
1,1,2,2-Tetrachloroethane	Ave	1.444	1.355	0.3000	18.8	20.0	-6.2	50.0
N-Propylbenzene	Ave	4.550	4.806		21.1	20.0	5.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151692/2 Calibration Date: 03/19/2013 05:12

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53479.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
1,2,3-Trichloropropane	Ave	0.4101	0.3828		18.7	20.0	-6.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3389	0.3291		19.4	20.0	-2.9	50.0
2-Chlorotoluene	Ave	3.207	3.163		19.7	20.0	-1.4	50.0
p-Ethyltoluene	Ave	3.649	3.443		18.9	20.0	-5.7	50.0
1,3,5-Trimethylbenzene	Ave	2.979	3.113		20.9	20.0	4.5	50.0
4-Chlorotoluene	Ave	2.867	2.903		20.3	20.0	1.3	50.0
Butyl Methacrylate	LinF	1.045	1.098		17.1	20.0	-14.6	50.0
tert-Butylbenzene	Ave	2.429	2.601		21.4	20.0	7.1	50.0
1,2,4-Trimethylbenzene	Ave	3.024	3.166		20.9	20.0	4.7	50.0
sec-Butylbenzene	LinF	3.772	4.089		19.1	20.0	-4.5	50.0
p-Isopropyltoluene	LinF	3.070	3.270		18.0	20.0	-9.8	50.0
1,3-Dichlorobenzene	Ave	1.727	1.693		19.6	20.0	-2.0	50.0
1,4-Dichlorobenzene	Ave	1.760	1.720		19.5	20.0	-2.3	50.0
Benzyl chloride	LinF	2.086	2.026		15.6	20.0	-22.2	50.0
Indan	Ave	0.9924	0.9803		19.8	20.0	-1.2	50.0
n-Butylbenzene	Ave	3.807	4.013		21.1	20.0	5.4	50.0
1,2-Dichlorobenzene	Ave	1.675	1.631		19.5	20.0	-2.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2321	0.2092		18.0	20.0	-9.9	50.0
Camphor	QuaF	0.1696	0.1490		77.0	100	-23.0	50.0
1,2,4-Trichlorobenzene	Ave	1.043	1.038		19.9	20.0	-0.5	50.0
Hexachlorobutadiene	LinF	0.3630	0.3903		18.2	20.0	-9.1	50.0
Naphthalene	Ave	3.279	3.164		19.3	20.0	-3.5	50.0
1,2,3-Trichlorobenzene	Ave	0.9863	0.9835		19.9	20.0	-0.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2964	0.2821		47.6	50.0	-4.8	50.0
Toluene-d8 (Surr)	Ave	1.014	0.9923		48.9	50.0	-2.2	50.0
Bromofluorobenzene	Ave	0.7319	0.7355		50.3	50.0	0.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151820/2 Calibration Date: 03/19/2013 17:16

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53511.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	Ave	0.2610	0.2447		18.8	20.0	-6.2	50.0
Chloromethane	Ave	0.3312	0.3186	0.1000	19.2	20.0	-3.8	50.0
Vinyl chloride	Ave	0.2922	0.2785		19.1	20.0	-4.7	20.0
Bromomethane	LinF	0.1104	0.1054		19.6	20.0	-2.1	50.0
Chloroethane	Ave	0.1326	0.1321		19.9	20.0	-0.3	50.0
Dichlorofluoromethane	Ave	0.4385	0.4233		19.3	20.0	-3.5	50.0
Trichlorofluoromethane	Ave	0.2084	0.1671		16.0	20.0	-19.8	50.0
n-Pentane	LinF	0.0224	0.0227		44.0	40.0	9.9	50.0
Ethyl ether	Ave	0.2218	0.2098		18.9	20.0	-5.4	50.0
Ethanol	Ave	0.0020	0.0018		2730	3000	-8.8	50.0
Freon TF	LinF	0.1385	0.1563		25.1	20.0	25.6	50.0
Acrolein	Ave	0.0716	0.0721		40.3	40.0	0.8	50.0
1,1-Dichloroethene	Ave	0.1218	0.1347		22.1	20.0	10.6	20.0
Acetone	LinF	0.3467	0.2784		13.9	20.0	-30.3	50.0
Iodomethane	Ave	0.5322	0.5234		19.7	20.0	-1.7	50.0
Carbon disulfide	Ave	0.6849	0.6586		19.2	20.0	-3.8	50.0
Cyclopentene	Ave	0.5076	0.5540		21.8	20.0	9.2	50.0
Methyl acetate	Ave	0.5088	0.4434		17.4	20.0	-12.9	50.0
Acetonitrile	Ave	0.0807	0.0711		352	400	-12.0	50.0
Methylene Chloride	Ave	0.3031	0.2480		16.4	20.0	-18.2	50.0
TBA	Ave	0.0571	0.0466		326	400	-18.4	50.0
MTBE	Ave	0.9038	0.8824		19.5	20.0	-2.4	50.0
trans-1,2-Dichloroethene	Ave	0.2284	0.2204		19.3	20.0	-3.5	50.0
Acrylonitrile	Ave	0.2007	0.1787		17.8	20.0	-11.0	50.0
Hexane	Ave	0.2718	0.2930		21.6	20.0	7.8	50.0
DIPE	Ave	1.110	1.128		20.3	20.0	1.6	50.0
1,1-Dichloroethane	Ave	0.5011	0.5068	0.1000	20.2	20.0	1.1	50.0
Vinyl acetate	Ave	1.172	1.139		38.9	40.0	-2.9	50.0
Tert-butyl ethyl ether	Ave	0.9561	0.9287		19.4	20.0	-2.9	50.0
2,2-Dichloropropane	Ave	0.3021	0.2977		19.7	20.0	-1.5	50.0
cis-1,2-Dichloroethene	Ave	0.3214	0.3175		19.8	20.0	-1.2	50.0
2-Butanone	Ave	0.0631	0.0550		17.4	20.0	-12.9	50.0
Ethyl acetate	Ave	0.0499	0.0440		35.2	40.0	-11.9	50.0
Bromochloromethane	Ave	0.1715	0.1669		19.5	20.0	-2.7	50.0
Tetrahydrofuran	Ave	0.1852	0.1626		17.6	20.0	-12.2	50.0
Chloroform	Ave	0.5442	0.5401		19.8	20.0	-0.8	20.0
Cyclohexane	Ave	0.3443	0.3829		22.2	20.0	11.2	50.0
1,1,1-Trichloroethane	Ave	0.3411	0.3280		19.2	20.0	-3.8	50.0
Carbon tetrachloride	Ave	0.2850	0.2784		19.5	20.0	-2.3	50.0
1,1-Dichloropropene	Ave	0.4009	0.3875		19.3	20.0	-3.4	50.0
Benzene	Ave	1.783	1.678		18.8	20.0	-5.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151820/2 Calibration Date: 03/19/2013 17:16

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53511.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
Tert-amyl methyl ether	Ave	0.8175	0.8222		20.1	20.0	0.6	50.0
1,2-Dichloroethane	Ave	0.5258	0.4939		18.8	20.0	-6.1	50.0
Isopropyl acetate	Ave	1.135	1.048		36.9	40.0	-7.7	50.0
n-Heptane	Ave	0.2308	0.2229		19.3	20.0	-3.4	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.3564	0.3825		42.9	40.0	7.3	50.0
Trichloroethene	Ave	0.3301	0.3140		19.0	20.0	-4.9	50.0
n-Butanol	Ave	0.0155	0.0119		1150	1500	-23.4	50.0
Methylcyclohexane	Ave	0.3603	0.3919		21.8	20.0	8.8	50.0
Ethyl acrylate	Ave	0.6067	0.5597		18.5	20.0	-7.7	50.0
1,2-Dichloropropane	Ave	0.3621	0.3466		19.1	20.0	-4.3	20.0
1,4-Dioxane	Ave	0.0052	0.0046		132	150	-12.0	50.0
Dibromomethane	Ave	0.2523	0.2398		19.0	20.0	-5.0	50.0
Methyl methacrylate	Ave	0.0984	0.0957		19.5	20.0	-2.7	50.0
Propyl acetate	Ave	0.7374	0.6792		18.4	20.0	-7.9	50.0
Bromodichloromethane	Ave	0.4203	0.3917		18.6	20.0	-6.8	50.0
2-Chloroethyl vinyl ether	Ave	0.2746	0.2691		19.6	20.0	-2.0	50.0
Epichlorohydrin	Ave	0.0786	0.0688		350	400	-12.5	50.0
cis-1,3-Dichloropropene	Ave	0.7574	0.7448		19.7	20.0	-1.7	50.0
4-Methyl-2-pentanone	Ave	0.7514	0.6881		18.3	20.0	-8.4	50.0
Toluene	Ave	1.824	1.721		18.9	20.0	-5.7	20.0
trans-1,3-Dichloropropene	Ave	0.6811	0.6682		19.6	20.0	-1.9	50.0
1,1,2-Trichloroethane	Ave	0.4160	0.3921		18.9	20.0	-5.7	50.0
Tetrachloroethene	Ave	0.3988	0.3873		19.4	20.0	-2.9	50.0
1,3-Dichloropropane	Ave	0.8075	0.7734		19.2	20.0	-4.2	50.0
2-Hexanone	Ave	0.5295	0.4696		17.7	20.0	-11.3	50.0
Butyl acetate	Ave	0.1519	0.1463		38.5	40.0	-3.7	50.0
Dibromochloromethane	Ave	0.4228	0.3860		18.3	20.0	-8.7	50.0
1,2-Dibromoethane	Ave	0.4892	0.4673		19.1	20.0	-4.5	50.0
Chlorobenzene	Ave	1.152	1.111	0.3000	19.3	20.0	-3.6	50.0
Ethylbenzene	Ave	0.5703	0.5483		19.2	20.0	-3.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3712	0.3567		19.2	20.0	-3.9	50.0
m&p-Xylene	Ave	0.7092	0.6766		38.2	40.0	-4.6	50.0
Butyl acrylate	LinF	0.3636	0.3616		15.1	20.0	-24.5	50.0
o-Xylene	Ave	0.6869	0.6725		19.6	20.0	-2.1	50.0
Styrene	Ave	1.165	1.154		19.8	20.0	-0.9	50.0
Amly acetate	Ave	2.099	2.124		20.2	20.0	1.2	50.0
Bromoform	QuaF	0.2646	0.2324	0.1000	15.8	20.0	-21.0	50.0
Isopropylbenzene	Ave	1.699	1.707		20.1	20.0	0.5	50.0
Monobromobenzene	Ave	0.9537	0.9146		19.2	20.0	-4.1	50.0
1,1,2,2-Tetrachloroethane	Ave	1.444	1.311	0.3000	18.2	20.0	-9.2	50.0
N-Propylbenzene	Ave	4.550	4.467		19.6	20.0	-1.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151820/2 Calibration Date: 03/19/2013 17:16

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53511.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
1,2,3-Trichloropropane	Ave	0.4101	0.3685		18.0	20.0	-10.2	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3389	0.3335		19.7	20.0	-1.6	50.0
2-Chlorotoluene	Ave	3.207	3.078		19.2	20.0	-4.0	50.0
1,3,5-Trimethylbenzene	Ave	2.979	2.950		19.8	20.0	-1.0	50.0
4-Chlorotoluene	Ave	2.867	2.734		19.1	20.0	-4.7	50.0
Butyl Methacrylate	LinF	1.045	1.160		18.1	20.0	-9.7	50.0
tert-Butylbenzene	Ave	2.429	2.474		20.4	20.0	1.9	50.0
1,2,4-Trimethylbenzene	Ave	3.024	2.966		19.6	20.0	-1.9	50.0
sec-Butylbenzene	LinF	3.772	3.793		17.7	20.0	-11.4	50.0
1,3-Dichlorobenzene	Ave	1.727	1.613		18.7	20.0	-6.6	50.0
p-Isopropyltoluene	LinF	3.070	3.057		16.9	20.0	-15.7	50.0
1,4-Dichlorobenzene	Ave	1.760	1.638		18.6	20.0	-6.9	50.0
Benzyl chloride	LinF	2.086	2.006		15.4	20.0	-23.0	50.0
Indan	Ave	0.9924	1.032		20.8	20.0	4.0	50.0
n-Butylbenzene	Ave	3.807	3.766		19.8	20.0	-1.1	50.0
1,2-Dichlorobenzene	Ave	1.675	1.572		18.8	20.0	-6.1	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2321	0.1949		16.8	20.0	-16.0	50.0
Camphor	QuaF	0.1696	0.1433		74.1	100	-25.9	50.0
1,2,4-Trichlorobenzene	Ave	1.043	0.9795		18.8	20.0	-6.1	50.0
Hexachlorobutadiene	LinF	0.3630	0.3410		15.9	20.0	-20.5	50.0
Naphthalene	Ave	3.279	2.797		17.1	20.0	-14.7	50.0
1,2,3-Trichlorobenzene	Ave	0.9863	0.8438		17.1	20.0	-14.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2964	0.2807		47.4	50.0	-5.3	50.0
Toluene-d8 (Surr)	Ave	1.014	0.9803		48.3	50.0	-3.4	50.0
Bromofluorobenzene	Ave	0.7319	0.7395		50.5	50.0	1.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151869/2 Calibration Date: 03/20/2013 04:08

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53539.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	Ave	0.2610	0.2110		16.2	20.0	-19.2	50.0
Chloromethane	Ave	0.3312	0.2726	0.1000	16.5	20.0	-17.7	50.0
Vinyl chloride	Ave	0.2922	0.2371		16.2	20.0	-18.9	20.0
Bromomethane	LinF	0.1104	0.0897		16.7	20.0	-16.7	50.0
Chloroethane	Ave	0.1326	0.1115		16.8	20.0	-15.9	50.0
Trichlorofluoromethane	Ave	0.2084	0.1671		16.0	20.0	-19.8	50.0
Dichlorofluoromethane	Ave	0.4385	0.3777		17.2	20.0	-13.9	50.0
n-Pentane	LinF	0.0224	0.0210		40.5	40.0	1.3	50.0
Ethyl ether	Ave	0.2218	0.1986		17.9	20.0	-10.4	50.0
Ethanol	Ave	0.0020	0.0020		2990	3000	-0.2	50.0
Freon TF	LinF	0.1385	0.1110		17.9	20.0	-10.7	50.0
Acrolein	Ave	0.0716	0.0595		33.3	40.0	-16.8	50.0
1,1-Dichloroethene	Ave	0.1218	0.1162		19.1	20.0	-4.6	20.0
Acetone	LinF	0.3467	0.3090		15.5	20.0	-22.6	50.0
Iodomethane	Ave	0.5322	0.4798		18.0	20.0	-9.9	50.0
Carbon disulfide	Ave	0.6849	0.6014		17.6	20.0	-12.2	50.0
Cyclopentene	Ave	0.5076	0.4851		19.1	20.0	-4.4	50.0
Methyl acetate	Ave	0.5088	0.4677		18.4	20.0	-8.1	50.0
Acetonitrile	Ave	0.0807	0.0753		373	400	-6.7	50.0
Methylene Chloride	Ave	0.3031	0.2525		16.7	20.0	-16.7	50.0
TBA	Ave	0.0571	0.0515		361	400	-9.8	50.0
MTBE	Ave	0.9038	0.7913		17.5	20.0	-12.4	50.0
trans-1,2-Dichloroethene	Ave	0.2284	0.1984		17.4	20.0	-13.1	50.0
Acrylonitrile	Ave	0.2007	0.1938		19.3	20.0	-3.5	50.0
Hexane	Ave	0.2718	0.2586		19.0	20.0	-4.8	50.0
DIPE	Ave	1.110	1.043		18.8	20.0	-6.1	50.0
1,1-Dichloroethane	Ave	0.5011	0.4428	0.1000	17.7	20.0	-11.6	50.0
Vinyl acetate	Ave	1.172	1.137		38.8	40.0	-3.0	50.0
Tert-butyl ethyl ether	Ave	0.9561	0.8020		16.8	20.0	-16.1	50.0
2,2-Dichloropropane	Ave	0.3021	0.2816		18.6	20.0	-6.8	50.0
cis-1,2-Dichloroethene	Ave	0.3214	0.2836		17.6	20.0	-11.8	50.0
2-Butanone	Ave	0.0631	0.0598		18.9	20.0	-5.3	50.0
Ethyl acetate	Ave	0.0499	0.0464		37.2	40.0	-7.1	50.0
Tetrahydrofuran	Ave	0.1852	0.1770		19.1	20.0	-4.5	50.0
Bromochloromethane	Ave	0.1715	0.1501		17.5	20.0	-12.5	50.0
Chloroform	Ave	0.5442	0.4816		17.7	20.0	-11.5	20.0
Cyclohexane	Ave	0.3443	0.3548		20.6	20.0	3.0	50.0
1,1,1-Trichloroethane	Ave	0.3411	0.3076		18.0	20.0	-9.8	50.0
Carbon tetrachloride	Ave	0.2850	0.2499		17.5	20.0	-12.3	50.0
1,1-Dichloropropene	Ave	0.4009	0.3488		17.4	20.0	-13.0	50.0
Benzene	Ave	1.783	1.529		17.1	20.0	-14.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151869/2 Calibration Date: 03/20/2013 04:08

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53539.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
Tert-amyl methyl ether	Ave	0.8175	0.7007		17.1	20.0	-14.3	50.0
1,2-Dichloroethane	Ave	0.5258	0.4517		17.2	20.0	-14.1	50.0
Isopropyl acetate	Ave	1.135	1.047		36.9	40.0	-7.8	50.0
n-Heptane	Ave	0.2308	0.2013		17.4	20.0	-12.8	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.3564	0.3268		36.7	40.0	-8.3	50.0
Trichloroethene	Ave	0.3301	0.2863		17.3	20.0	-13.3	50.0
n-Butanol	Ave	0.0155	0.0141		1360	1500	-9.2	50.0
Methylcyclohexane	Ave	0.3603	0.3520		19.5	20.0	-2.3	50.0
Ethyl acrylate	Ave	0.6067	0.5694		18.8	20.0	-6.1	50.0
1,2-Dichloropropane	Ave	0.3621	0.3190		17.6	20.0	-11.9	20.0
1,4-Dioxane	Ave	0.0052	0.0059		169	150	12.7	50.0
Dibromomethane	Ave	0.2523	0.2229		17.7	20.0	-11.7	50.0
Methyl methacrylate	Ave	0.0984	0.0966		19.6	20.0	-1.8	50.0
Propyl acetate	Ave	0.7374	0.6964		18.9	20.0	-5.6	50.0
Bromodichloromethane	Ave	0.4203	0.3536		16.8	20.0	-15.9	50.0
2-Chloroethyl vinyl ether	Ave	0.2746	0.2696		19.6	20.0	-1.8	50.0
Epichlorohydrin	Ave	0.0786	0.0743		378	400	-5.5	50.0
cis-1,3-Dichloropropene	Ave	0.7574	0.6779		17.9	20.0	-10.5	50.0
4-Methyl-2-pentanone	Ave	0.7514	0.7269		19.3	20.0	-3.3	50.0
Toluene	Ave	1.824	1.587		17.4	20.0	-13.0	20.0
trans-1,3-Dichloropropene	Ave	0.6811	0.6141		18.0	20.0	-9.8	50.0
1,1,2-Trichloroethane	Ave	0.4160	0.3593		17.3	20.0	-13.6	50.0
Tetrachloroethene	Ave	0.3988	0.3619		18.1	20.0	-9.3	50.0
1,3-Dichloropropane	Ave	0.8075	0.7146		17.7	20.0	-11.5	50.0
2-Hexanone	Ave	0.5295	0.5071		19.2	20.0	-4.2	50.0
Butyl acetate	Ave	0.1519	0.1494		39.4	40.0	-1.6	50.0
Dibromochloromethane	Ave	0.4228	0.3632		17.2	20.0	-14.1	50.0
1,2-Dibromoethane	Ave	0.4892	0.4442		18.2	20.0	-9.2	50.0
Chlorobenzene	Ave	1.152	1.026	0.3000	17.8	20.0	-10.9	50.0
Ethylbenzene	Ave	0.5703	0.5172		18.1	20.0	-9.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3712	0.3288		17.7	20.0	-11.4	50.0
m&p-Xylene	Ave	0.7092	0.6424		36.2	40.0	-9.4	50.0
Butyl acrylate	LinF	0.3636	0.3578		14.9	20.0	-25.3	50.0
o-Xylene	Ave	0.6869	0.6339		18.5	20.0	-7.7	50.0
Styrene	Ave	1.165	1.094		18.8	20.0	-6.1	50.0
Amly acetate	Ave	2.099	2.128		20.3	20.0	1.4	50.0
Bromoform	QuaF	0.2646	0.2266	0.1000	15.4	20.0	-23.0	50.0
Isopropylbenzene	Ave	1.699	1.591		18.7	20.0	-6.3	50.0
Monobromobenzene	Ave	0.9537	0.8697		18.2	20.0	-8.8	50.0
1,1,2,2-Tetrachloroethane	Ave	1.444	1.286	0.3000	17.8	20.0	-11.0	50.0
N-Propylbenzene	Ave	4.550	4.211		18.5	20.0	-7.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151869/2 Calibration Date: 03/20/2013 04:08

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53539.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
1,2,3-Trichloropropane	Ave	0.4101	0.3617		17.6	20.0	-11.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3389	0.3414		20.1	20.0	0.7	50.0
2-Chlorotoluene	Ave	3.207	2.922		18.2	20.0	-8.9	50.0
p-Ethyltoluene	Ave	3.649	3.486		19.1	20.0	-4.5	50.0
1,3,5-Trimethylbenzene	Ave	2.979	2.769		18.6	20.0	-7.1	50.0
4-Chlorotoluene	Ave	2.867	2.607		18.2	20.0	-9.1	50.0
Butyl Methacrylate	LinF	1.045	1.116		17.4	20.0	-13.2	50.0
tert-Butylbenzene	Ave	2.429	2.282		18.8	20.0	-6.1	50.0
1,2,4-Trimethylbenzene	Ave	3.024	2.848		18.8	20.0	-5.8	50.0
sec-Butylbenzene	LinF	3.772	3.555		16.6	20.0	-16.9	50.0
1,3-Dichlorobenzene	Ave	1.727	1.569		18.2	20.0	-9.1	50.0
p-Isopropyltoluene	LinF	3.070	2.847		15.7	20.0	-21.5	50.0
1,4-Dichlorobenzene	Ave	1.760	1.603		18.2	20.0	-9.0	50.0
Benzyl chloride	LinF	2.086	2.088		16.0	20.0	-19.9	50.0
Indan	Ave	0.9924	1.016		20.5	20.0	2.4	50.0
n-Butylbenzene	Ave	3.807	3.465		18.2	20.0	-9.0	50.0
1,2-Dichlorobenzene	Ave	1.675	1.528		18.2	20.0	-8.8	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2321	0.2050		17.7	20.0	-11.7	50.0
Camphor	QuaF	0.1696	0.1655		85.5	100	-14.5	50.0
1,2,4-Trichlorobenzene	Ave	1.043	0.9693		18.6	20.0	-7.1	50.0
Hexachlorobutadiene	LinF	0.3630	0.3167		14.8	20.0	-26.2	50.0
Naphthalene	Ave	3.279	3.010		18.4	20.0	-8.2	50.0
1,2,3-Trichlorobenzene	Ave	0.9863	0.8750		17.7	20.0	-11.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2964	0.2783		47.0	50.0	-6.1	50.0
Toluene-d8 (Surr)	Ave	1.014	0.9866		48.6	50.0	-2.7	50.0
Bromofluorobenzene	Ave	0.7319	0.7582		51.8	50.0	3.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152022/2 Calibration Date: 03/21/2013 04:27

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53598.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	Ave	0.2610	0.2196		16.8	20.0	-15.9	50.0
Chloromethane	Ave	0.3312	0.2926	0.1000	17.7	20.0	-11.7	50.0
Vinyl chloride	Ave	0.2922	0.2717		18.6	20.0	-7.0	20.0
Bromomethane	LinF	0.1104	0.1218		22.6	20.0	13.1	50.0
Chloroethane	Ave	0.1326	0.1485		22.4	20.0	12.1	50.0
Dichlorofluoromethane	Ave	0.4385	0.4518		20.6	20.0	3.0	50.0
Trichlorofluoromethane	Ave	0.2084	0.2024		19.4	20.0	-2.9	50.0
n-Pentane	LinF	0.0224	0.0234		45.2	40.0	13.0	50.0
Ethanol	Ave	0.0020	0.0020		2970	3000	-1.1	50.0
Ethyl ether	Ave	0.2218	0.2352		21.2	20.0	6.1	50.0
Freon TF	LinF	0.1385	0.1442		23.2	20.0	15.9	50.0
Acrolein	Ave	0.0716	0.0681		38.0	40.0	-4.9	50.0
1,1-Dichloroethene	Ave	0.1218	0.1179		19.3	20.0	-3.3	20.0
Acetone	LinF	0.3467	0.3865		19.4	20.0	-3.2	50.0
Iodomethane	Ave	0.5322	0.5078		19.1	20.0	-4.6	50.0
Carbon disulfide	Ave	0.6849	0.7295		21.3	20.0	6.5	50.0
Cyclopentene	Ave	0.5076	0.5421		21.4	20.0	6.8	50.0
Methyl acetate	Ave	0.5088	0.5779		22.7	20.0	13.6	50.0
Acetonitrile	Ave	0.0807	0.0861		427	400	6.7	50.0
Methylene Chloride	Ave	0.3031	0.3029		20.0	20.0	-0.0	50.0
TBA	Ave	0.0571	0.0625		438	400	9.4	50.0
MTBE	Ave	0.9038	1.022		22.6	20.0	13.1	50.0
trans-1,2-Dichloroethene	Ave	0.2284	0.2455		21.5	20.0	7.5	50.0
Acrylonitrile	Ave	0.2007	0.2214		22.1	20.0	10.3	50.0
Hexane	Ave	0.2718	0.2808		20.7	20.0	3.3	50.0
DIPE	Ave	1.110	1.221		22.0	20.0	10.0	50.0
1,1-Dichloroethane	Ave	0.5011	0.5469	0.1000	21.8	20.0	9.1	50.0
Vinyl acetate	Ave	1.172	1.366		46.6	40.0	16.5	50.0
Tert-butyl ethyl ether	Ave	0.9561	1.066		22.3	20.0	11.5	50.0
2,2-Dichloropropane	Ave	0.3021	0.3418		22.6	20.0	13.1	50.0
cis-1,2-Dichloroethene	Ave	0.3214	0.3632		22.6	20.0	13.0	50.0
2-Butanone	Ave	0.0631	0.0720		22.8	20.0	14.0	50.0
Ethyl acetate	Ave	0.0499	0.0556		44.5	40.0	11.3	50.0
Bromochloromethane	Ave	0.1715	0.1947		22.7	20.0	13.5	50.0
Tetrahydrofuran	Ave	0.1852	0.2049		22.1	20.0	10.6	50.0
Chloroform	Ave	0.5442	0.6083		22.4	20.0	11.8	20.0
Cyclohexane	Ave	0.3443	0.3769		21.9	20.0	9.5	50.0
1,1,1-Trichloroethane	Ave	0.3411	0.3780		22.2	20.0	10.8	50.0
Carbon tetrachloride	Ave	0.2850	0.3154		22.1	20.0	10.7	50.0
1,1-Dichloropropene	Ave	0.4009	0.4305		21.5	20.0	7.4	50.0
Benzene	Ave	1.783	1.861		20.9	20.0	4.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152022/2 Calibration Date: 03/21/2013 04:27

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53598.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	0.5258	0.5708		21.7	20.0	8.6	50.0
Tert-amyl methyl ether	Ave	0.8175	0.9393		23.0	20.0	14.9	50.0
Isopropyl acetate	Ave	1.135	1.264		44.6	40.0	11.4	50.0
n-Heptane	Ave	0.2308	0.2240		19.4	20.0	-3.0	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.3564	0.3855		43.3	40.0	8.2	50.0
Trichloroethene	Ave	0.3301	0.3615		21.9	20.0	9.5	50.0
n-Butanol	Ave	0.0155	0.0173		1670	1500	11.1	50.0
Methylcyclohexane	Ave	0.3603	0.3951		21.9	20.0	9.7	50.0
Ethyl acrylate	Ave	0.6067	0.6917		22.8	20.0	14.0	50.0
1,2-Dichloropropane	Ave	0.3621	0.3987		22.0	20.0	10.1	20.0
1,4-Dioxane	Ave	0.0052	0.0045		129	150	-13.9	50.0
Dibromomethane	Ave	0.2523	0.2862		22.7	20.0	13.4	50.0
Methyl methacrylate	Ave	0.0984	0.1206		24.5	20.0	22.7	50.0
Propyl acetate	Ave	0.7374	0.8287		22.5	20.0	12.4	50.0
Bromodichloromethane	Ave	0.4203	0.4745		22.6	20.0	12.9	50.0
2-Chloroethyl vinyl ether	Ave	0.2746	0.3132		22.8	20.0	14.1	50.0
Epichlorohydrin	Ave	0.0786	0.0869		442	400	10.6	50.0
cis-1,3-Dichloropropene	Ave	0.7574	0.8615		22.7	20.0	13.7	50.0
4-Methyl-2-pentanone	Ave	0.7514	0.8402		22.4	20.0	11.8	50.0
Toluene	Ave	1.824	1.942		21.3	20.0	6.5	20.0
trans-1,3-Dichloropropene	Ave	0.6811	0.7920		23.3	20.0	16.3	50.0
1,1,2-Trichloroethane	Ave	0.4160	0.4567		22.0	20.0	9.8	50.0
Tetrachloroethene	Ave	0.3988	0.4360		21.9	20.0	9.3	50.0
1,3-Dichloropropane	Ave	0.8075	0.9102		22.5	20.0	12.7	50.0
2-Hexanone	Ave	0.5295	0.5950		22.5	20.0	12.4	50.0
Butyl acetate	Ave	0.1519	0.1772		46.7	40.0	16.7	50.0
Dibromochloromethane	Ave	0.4228	0.4986		23.6	20.0	17.9	50.0
1,2-Dibromoethane	Ave	0.4892	0.5699		23.3	20.0	16.5	50.0
Chlorobenzene	Ave	1.152	1.287	0.3000	22.3	20.0	11.7	50.0
Ethylbenzene	Ave	0.5703	0.6249		21.9	20.0	9.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3712	0.4379		23.6	20.0	18.0	50.0
m&p-Xylene	Ave	0.7092	0.7809		44.0	40.0	10.1	50.0
Butyl acrylate	LinF	0.3636	0.4532		18.9	20.0	-5.4	50.0
o-Xylene	Ave	0.6869	0.7880		22.9	20.0	14.7	50.0
Styrene	Ave	1.165	1.391		23.9	20.0	19.4	50.0
Amly acetate	Ave	2.099	2.453		23.4	20.0	16.9	50.0
Bromoform	QuaF	0.2646	0.3246	0.1000	22.0	20.0	10.1	50.0
Isopropylbenzene	Ave	1.699	1.908		22.5	20.0	12.3	50.0
Monobromobenzene	Ave	0.9537	1.074		22.5	20.0	12.6	50.0
1,1,2,2-Tetrachloroethane	Ave	1.444	1.627	0.3000	22.5	20.0	12.7	50.0
N-Propylbenzene	Ave	4.550	4.843		21.3	20.0	6.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152022/2 Calibration Date: 03/21/2013 04:27

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53598.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
1,2,3-Trichloropropane	Ave	0.4101	0.4607		22.5	20.0	12.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3389	0.3978		23.5	20.0	17.4	50.0
2-Chlorotoluene	Ave	3.207	3.353		20.9	20.0	4.5	50.0
p-Ethyltoluene	Ave	3.649	3.889		21.3	20.0	6.6	50.0
1,3,5-Trimethylbenzene	Ave	2.979	3.259		21.9	20.0	9.4	50.0
4-Chlorotoluene	Ave	2.867	3.112		21.7	20.0	8.5	50.0
Butyl Methacrylate	LinF	1.045	1.324		20.6	20.0	3.1	50.0
tert-Butylbenzene	Ave	2.429	2.636		21.7	20.0	8.5	50.0
1,2,4-Trimethylbenzene	Ave	3.024	3.356		22.2	20.0	11.0	50.0
sec-Butylbenzene	LinF	3.772	4.031		18.8	20.0	-5.8	50.0
p-Isopropyltoluene	LinF	3.070	3.329		18.4	20.0	-8.2	50.0
1,3-Dichlorobenzene	Ave	1.727	1.904		22.0	20.0	10.2	50.0
1,4-Dichlorobenzene	Ave	1.760	1.947		22.1	20.0	10.6	50.0
Benzyl chloride	LinF	2.086	2.590		19.9	20.0	-0.6	50.0
Indan	Ave	0.9924	1.218		24.6	20.0	22.8	50.0
n-Butylbenzene	Ave	3.807	3.951		20.8	20.0	3.8	50.0
1,2-Dichlorobenzene	Ave	1.675	1.865		22.3	20.0	11.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2321	0.3324		28.6	20.0	43.2	50.0
Camphor	QuaF	0.1696	0.1942		100	100	0.2	50.0
1,2,4-Trichlorobenzene	Ave	1.043	1.181		22.6	20.0	13.2	50.0
Hexachlorobutadiene	LinF	0.3630	0.3698		17.2	20.0	-13.8	50.0
Naphthalene	Ave	3.279	3.746		22.8	20.0	14.2	50.0
1,2,3-Trichlorobenzene	Ave	0.9863	1.074		21.8	20.0	8.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2964	0.2722		45.9	50.0	-8.2	50.0
Toluene-d8 (Surr)	Ave	1.014	0.9582		47.2	50.0	-5.5	50.0
Bromofluorobenzene	Ave	0.7319	0.7505		51.3	50.0	2.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152224/2 Calibration Date: 03/22/2013 00:17

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53629.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	Ave	0.2610	0.2177		16.7	20.0	-16.6	50.0
Chloromethane	Ave	0.3312	0.2753	0.1000	16.6	20.0	-16.9	50.0
Vinyl chloride	Ave	0.2922	0.2602		17.8	20.0	-11.0	20.0
Bromomethane	LinF	0.1104	0.1077		20.0	20.0	0.0	50.0
Chloroethane	Ave	0.1326	0.1279		19.3	20.0	-3.5	50.0
Dichlorofluoromethane	Ave	0.4385	0.3527		16.1	20.0	-19.6	50.0
Trichlorofluoromethane	Ave	0.2084	0.2001		19.2	20.0	-4.0	50.0
n-Pentane	LinF	0.0224	0.0201		38.7	40.0	-3.1	50.0
Ethyl ether	Ave	0.2218	0.1826		16.5	20.0	-17.7	50.0
Ethanol	Ave	0.0020	0.0020		3060	3000	2.1	50.0
Freon TF	LinF	0.1385	0.1271		20.4	20.0	2.2	50.0
Acrolein	Ave	0.0716	0.0503		28.1	40.0	-29.7	50.0
1,1-Dichloroethene	Ave	0.1218	0.1016		16.7	20.0	-16.6	20.0
Acetone	LinF	0.3467	0.2768		13.9	20.0	-30.7	50.0
Iodomethane	Ave	0.5322	0.2675		10.1	20.0	-49.7	50.0
Carbon disulfide	Ave	0.6849	0.5170		15.1	20.0	-24.5	50.0
Cyclopentene	Ave	0.5076	0.4488		17.7	20.0	-11.6	50.0
Methyl acetate	Ave	0.5088	0.4227		16.6	20.0	-16.9	50.0
Acetonitrile	Ave	0.0807	0.0642		318	400	-20.4	50.0
Methylene Chloride	Ave	0.3031	0.2360		15.6	20.0	-22.1	50.0
TBA	Ave	0.0571	0.0452		316	400	-20.9	50.0
MTBE	Ave	0.9038	0.7228		16.0	20.0	-20.0	50.0
trans-1,2-Dichloroethene	Ave	0.2284	0.2106		18.4	20.0	-7.8	50.0
Acrylonitrile	Ave	0.2007	0.1403		14.0	20.0	-30.1	50.0
Hexane	Ave	0.2718	0.2399		17.7	20.0	-11.7	50.0
1,1-Dichloroethane	Ave	0.5011	0.4463	0.1000	17.8	20.0	-10.9	50.0
DIPE	Ave	1.110	0.9076		16.3	20.0	-18.3	50.0
Vinyl acetate	Ave	1.172	1.041		35.5	40.0	-11.2	50.0
Tert-butyl ethyl ether	Ave	0.9561	0.7337		15.3	20.0	-23.3	50.0
2,2-Dichloropropane	Ave	0.3021	0.2894		19.2	20.0	-4.2	50.0
cis-1,2-Dichloroethene	Ave	0.3214	0.2977		18.5	20.0	-7.4	50.0
2-Butanone	Ave	0.0631	0.0558		17.7	20.0	-11.6	50.0
Ethyl acetate	Ave	0.0499	0.0417		33.4	40.0	-16.4	50.0
Tetrahydrofuran	Ave	0.1852	0.1531		16.5	20.0	-17.4	50.0
Bromochloromethane	Ave	0.1715	0.1614		18.8	20.0	-5.9	50.0
Chloroform	Ave	0.5442	0.5006		18.4	20.0	-8.0	20.0
Cyclohexane	Ave	0.3443	0.3171		18.4	20.0	-7.9	50.0
1,1,1-Trichloroethane	Ave	0.3411	0.3259		19.1	20.0	-4.5	50.0
Carbon tetrachloride	Ave	0.2850	0.2813		19.7	20.0	-1.3	50.0
1,1-Dichloropropene	Ave	0.4009	0.3691		18.4	20.0	-7.9	50.0
Benzene	Ave	1.783	1.518		17.0	20.0	-14.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152224/2 Calibration Date: 03/22/2013 00:17

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53629.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	0.5258	0.4640		17.6	20.0	-11.8	50.0
Tert-amyl methyl ether	Ave	0.8175	0.6445		15.8	20.0	-21.2	50.0
Isopropyl acetate	Ave	1.135	0.9340		32.9	40.0	-17.7	50.0
n-Heptane	Ave	0.2308	0.1979		17.1	20.0	-14.3	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.3564	0.2999		33.7	40.0	-15.9	50.0
Trichloroethene	Ave	0.3301	0.3055		18.5	20.0	-7.5	50.0
n-Butanol	Ave	0.0155	0.0137		1320	1500	-11.9	50.0
Methylcyclohexane	Ave	0.3603	0.3349		18.6	20.0	-7.0	50.0
Ethyl acrylate	Ave	0.6067	0.5315		17.5	20.0	-12.4	50.0
1,2-Dichloropropane	Ave	0.3621	0.3269		18.1	20.0	-9.7	20.0
1,4-Dioxane	Ave	0.0052	0.0035		99.3	150	-33.8	50.0
Dibromomethane	Ave	0.2523	0.2351		18.6	20.0	-6.8	50.0
Methyl methacrylate	Ave	0.0984	0.0941		19.1	20.0	-4.4	50.0
Propyl acetate	Ave	0.7374	0.6267		17.0	20.0	-15.0	50.0
Bromodichloromethane	Ave	0.4203	0.3929		18.7	20.0	-6.5	50.0
2-Chloroethyl vinyl ether	Ave	0.2746	0.2347		17.1	20.0	-14.5	50.0
Epichlorohydrin	Ave	0.0786	0.0622		317	400	-20.9	50.0
cis-1,3-Dichloropropene	Ave	0.7574	0.6775		17.9	20.0	-10.5	50.0
4-Methyl-2-pentanone	Ave	0.7514	0.6123		16.3	20.0	-18.5	50.0
Toluene	Ave	1.824	1.634		17.9	20.0	-10.4	20.0
trans-1,3-Dichloropropene	Ave	0.6811	0.6200		18.2	20.0	-9.0	50.0
1,1,2-Trichloroethane	Ave	0.4160	0.3703		17.8	20.0	-11.0	50.0
Tetrachloroethene	Ave	0.3988	0.3999		20.1	20.0	0.3	50.0
1,3-Dichloropropane	Ave	0.8075	0.7158		17.7	20.0	-11.4	50.0
2-Hexanone	Ave	0.5295	0.4401		16.6	20.0	-16.9	50.0
Butyl acetate	Ave	0.1519	0.1319		34.8	40.0	-13.1	50.0
Dibromochloromethane	Ave	0.4228	0.4027		19.1	20.0	-4.7	50.0
1,2-Dibromoethane	Ave	0.4892	0.4588		18.8	20.0	-6.2	50.0
Chlorobenzene	Ave	1.152	1.082	0.3000	18.8	20.0	-6.0	50.0
Ethylbenzene	Ave	0.5703	0.5540		19.4	20.0	-2.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3712	0.3623		19.5	20.0	-2.4	50.0
m&p-Xylene	Ave	0.7092	0.6905		38.9	40.0	-2.6	50.0
Butyl acrylate	LinF	0.3636	0.3363		14.0	20.0	-29.8	50.0
o-Xylene	Ave	0.6869	0.6693		19.5	20.0	-2.6	50.0
Styrene	Ave	1.165	1.168		20.1	20.0	0.3	50.0
Amly acetate	Ave	2.099	1.757		16.7	20.0	-16.3	50.0
Bromoform	QuaF	0.2646	0.2572	0.1000	17.5	20.0	-12.6	50.0
Isopropylbenzene	Ave	1.699	1.753		20.6	20.0	3.2	50.0
Monobromobenzene	Ave	0.9537	0.8835		18.5	20.0	-7.4	50.0
1,1,2,2-Tetrachloroethane	Ave	1.444	1.254	0.3000	17.4	20.0	-13.2	50.0
N-Propylbenzene	Ave	4.550	4.316		19.0	20.0	-5.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152224/2 Calibration Date: 03/22/2013 00:17

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53629.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
1,2,3-Trichloropropane	Ave	0.4101	0.3706		18.1	20.0	-9.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3389	0.2882		17.0	20.0	-15.0	50.0
2-Chlorotoluene	Ave	3.207	2.838		17.7	20.0	-11.5	50.0
p-Ethyltoluene	Ave	3.649	3.111		17.1	20.0	-14.7	50.0
1,3,5-Trimethylbenzene	Ave	2.979	2.897		19.4	20.0	-2.8	50.0
4-Chlorotoluene	Ave	2.867	2.653		18.5	20.0	-7.5	50.0
Butyl Methacrylate	LinF	1.045	0.9659		15.0	20.0	-24.8	50.0
tert-Butylbenzene	Ave	2.429	2.426		20.0	20.0	-0.1	50.0
1,2,4-Trimethylbenzene	Ave	3.024	2.890		19.1	20.0	-4.4	50.0
sec-Butylbenzene	LinF	3.772	3.750		17.5	20.0	-12.4	50.0
p-Isopropyltoluene	LinF	3.070	3.074		17.0	20.0	-15.2	50.0
1,3-Dichlorobenzene	Ave	1.727	1.616		18.7	20.0	-6.4	50.0
1,4-Dichlorobenzene	Ave	1.760	1.652		18.8	20.0	-6.1	50.0
Benzyl chloride	LinF	2.086	1.869		14.3	20.0	-28.3	50.0
Indan	Ave	0.9924	1.009		20.3	20.0	1.7	50.0
n-Butylbenzene	Ave	3.807	3.606		18.9	20.0	-5.3	50.0
1,2-Dichlorobenzene	Ave	1.675	1.592		19.0	20.0	-4.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2321	0.2175		18.7	20.0	-6.3	50.0
Camphor	QuaF	0.1696	0.1261		65.2	100	-34.8	50.0
1,2,4-Trichlorobenzene	Ave	1.043	1.024		19.6	20.0	-1.9	50.0
Hexachlorobutadiene	LinF	0.3630	0.3794		17.7	20.0	-11.6	50.0
Naphthalene	Ave	3.279	2.919		17.8	20.0	-11.0	50.0
1,2,3-Trichlorobenzene	Ave	0.9863	0.9049		18.4	20.0	-8.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2964	0.2663		44.9	50.0	-10.1	50.0
Toluene-d8 (Surr)	Ave	1.014	0.9373		46.2	50.0	-7.6	50.0
Bromofluorobenzene	Ave	0.7319	0.7391		50.5	50.0	1.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152550/2 Calibration Date: 03/25/2013 03:49

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53764.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	Ave	0.2610	0.2197		16.8	20.0	-15.8	50.0
Chloromethane	Ave	0.3312	0.2617	0.1000	15.8	20.0	-21.0	50.0
Vinyl chloride	Ave	0.2922	0.2436		16.7	20.0	-16.7	20.0
Bromomethane	LinF	0.1104	0.1037		19.3	20.0	-3.7	50.0
Chloroethane	Ave	0.1326	0.1258		19.0	20.0	-5.1	50.0
Trichlorofluoromethane	Ave	0.2084	0.1881		18.1	20.0	-9.7	50.0
Dichlorofluoromethane	Ave	0.4385	0.3815		17.4	20.0	-13.0	50.0
n-Pentane	LinF	0.0224	0.0207		40.0	40.0	-0.0	50.0
Ethyl ether	Ave	0.2218	0.1940		17.5	20.0	-12.5	50.0
Ethanol	Ave	0.0020	0.0018		2670	3000	-11.0	50.0
Freon TF	LinF	0.1385	0.1165		18.7	20.0	-6.4	50.0
Acrolein	Ave	0.0716	0.0512		28.6	40.0	-28.5	50.0
1,1-Dichloroethene	Ave	0.1218	0.1074		17.6	20.0	-11.8	20.0
Acetone	LinF	0.3467	0.2445		12.2	20.0	-38.8	50.0
Iodomethane	Ave	0.5322	0.4302		16.2	20.0	-19.2	50.0
Carbon disulfide	Ave	0.6849	0.5486		16.0	20.0	-19.9	50.0
Cyclopentene	Ave	0.5076	0.4802		18.9	20.0	-5.4	50.0
Methyl acetate	Ave	0.5088	0.4106		16.1	20.0	-19.3	50.0
Acetonitrile	Ave	0.0807	0.0617		306	400	-23.6	50.0
Methylene Chloride	Ave	0.3031	0.2503		16.5	20.0	-17.4	50.0
TBA	Ave	0.0571	0.0437		306	400	-23.5	50.0
MTBE	Ave	0.9038	0.7297		16.1	20.0	-19.3	50.0
trans-1,2-Dichloroethene	Ave	0.2284	0.2164		18.9	20.0	-5.3	50.0
Acrylonitrile	Ave	0.2007	0.1750		17.4	20.0	-12.8	50.0
Hexane	Ave	0.2718	0.2258		16.6	20.0	-16.9	50.0
1,1-Dichloroethane	Ave	0.5011	0.4520	0.1000	18.0	20.0	-9.8	50.0
DIPE	Ave	1.110	0.8938		16.1	20.0	-19.5	50.0
Vinyl acetate	Ave	1.172	1.021		34.9	40.0	-12.9	50.0
Tert-butyl ethyl ether	Ave	0.9561	0.7094		14.8	20.0	-25.8	50.0
2,2-Dichloropropane	Ave	0.3021	0.2842		18.8	20.0	-5.9	50.0
cis-1,2-Dichloroethene	Ave	0.3214	0.3057		19.0	20.0	-4.9	50.0
2-Butanone	Ave	0.0631	0.0548		17.4	20.0	-13.2	50.0
Ethyl acetate	Ave	0.0499	0.0438		35.1	40.0	-12.2	50.0
Bromochloromethane	Ave	0.1715	0.1660		19.4	20.0	-3.2	50.0
Tetrahydrofuran	Ave	0.1852	0.1510		16.3	20.0	-18.5	50.0
Chloroform	Ave	0.5442	0.5076		18.7	20.0	-6.7	20.0
Cyclohexane	Ave	0.3443	0.3095		18.0	20.0	-10.1	50.0
1,1,1-Trichloroethane	Ave	0.3411	0.3122		18.3	20.0	-8.5	50.0
Carbon tetrachloride	Ave	0.2850	0.2747		19.3	20.0	-3.6	50.0
1,1-Dichloropropene	Ave	0.4009	0.3718		18.5	20.0	-7.3	50.0
Benzene	Ave	1.783	1.439		16.1	20.0	-19.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152550/2 Calibration Date: 03/25/2013 03:49

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53764.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
Tert-amyl methyl ether	Ave	0.8175	0.6265		15.3	20.0	-23.4	50.0
1,2-Dichloroethane	Ave	0.5258	0.4591		17.5	20.0	-12.7	50.0
Isopropyl acetate	Ave	1.135	0.9098		32.1	40.0	-19.8	50.0
n-Heptane	Ave	0.2308	0.1902		16.5	20.0	-17.6	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.3564	0.2594		29.1	40.0	-27.2	50.0
Trichloroethene	Ave	0.3301	0.3131		19.0	20.0	-5.1	50.0
n-Butanol	Ave	0.0155	0.0128		1240	1500	-17.6	50.0
Methylcyclohexane	Ave	0.3603	0.3232		17.9	20.0	-10.3	50.0
Ethyl acrylate	Ave	0.6067	0.5271		17.4	20.0	-13.1	50.0
1,2-Dichloropropane	Ave	0.3621	0.3201		17.7	20.0	-11.6	20.0
1,4-Dioxane	Ave	0.0052	0.0051		147	150	-2.2	50.0
Dibromomethane	Ave	0.2523	0.2347		18.6	20.0	-7.0	50.0
Methyl methacrylate	Ave	0.0984	0.0960		19.5	20.0	-2.4	50.0
Propyl acetate	Ave	0.7374	0.6012		16.3	20.0	-18.5	50.0
Bromodichloromethane	Ave	0.4203	0.3835		18.2	20.0	-8.8	50.0
2-Chloroethyl vinyl ether	Ave	0.2746	0.2129		15.5	20.0	-22.5	50.0
Epichlorohydrin	Ave	0.0786	0.0582		296	400	-26.0	50.0
cis-1,3-Dichloropropene	Ave	0.7574	0.6394		16.9	20.0	-15.6	50.0
4-Methyl-2-pentanone	Ave	0.7514	0.5560		14.8	20.0	-26.0	50.0
Toluene	Ave	1.824	1.551		17.0	20.0	-15.0	20.0
trans-1,3-Dichloropropene	Ave	0.6811	0.5816		17.1	20.0	-14.6	50.0
1,1,2-Trichloroethane	Ave	0.4160	0.3537		17.0	20.0	-15.0	50.0
Tetrachloroethene	Ave	0.3988	0.3915		19.6	20.0	-1.8	50.0
1,3-Dichloropropane	Ave	0.8075	0.6787		16.8	20.0	-16.0	50.0
2-Hexanone	Ave	0.5295	0.3769		14.2	20.0	-28.8	50.0
Butyl acetate	Ave	0.1519	0.1270		33.5	40.0	-16.4	50.0
Dibromochloromethane	Ave	0.4228	0.3831		18.1	20.0	-9.4	50.0
1,2-Dibromoethane	Ave	0.4892	0.4378		17.9	20.0	-10.5	50.0
Chlorobenzene	Ave	1.152	1.069	0.3000	18.6	20.0	-7.2	50.0
Ethylbenzene	Ave	0.5703	0.5280		18.5	20.0	-7.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3712	0.3493		18.8	20.0	-5.9	50.0
m&p-Xylene	Ave	0.7092	0.6562		37.0	40.0	-7.5	50.0
Butyl acrylate	LinF	0.3636	0.3273		13.7	20.0	-31.7	50.0
o-Xylene	Ave	0.6869	0.6510		19.0	20.0	-5.2	50.0
Styrene	Ave	1.165	1.134		19.5	20.0	-2.6	50.0
Amly acetate	Ave	2.099	1.571		15.0	20.0	-25.1	50.0
Bromoform	QuaF	0.2646	0.2528	0.1000	17.2	20.0	-14.1	50.0
Isopropylbenzene	Ave	1.699	1.640		19.3	20.0	-3.4	50.0
Monobromobenzene	Ave	0.9537	0.8534		17.9	20.0	-10.5	50.0
1,1,2,2-Tetrachloroethane	Ave	1.444	1.141	0.3000	15.8	20.0	-21.0	50.0
N-Propylbenzene	Ave	4.550	3.812		16.8	20.0	-16.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152550/2 Calibration Date: 03/25/2013 03:49

Instrument ID: VOAMS2 Calib Start Date: 03/16/2013 19:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/16/2013 22:38

Lab File ID: b53764.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
1,2,3-Trichloropropane	Ave	0.4101	0.3307		16.1	20.0	-19.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3389	0.2767		16.3	20.0	-18.4	50.0
2-Chlorotoluene	Ave	3.207	2.561		16.0	20.0	-20.1	50.0
p-Ethyltoluene	Ave	3.649	3.059		16.8	20.0	-16.2	50.0
1,3,5-Trimethylbenzene	Ave	2.979	2.571		17.3	20.0	-13.7	50.0
4-Chlorotoluene	Ave	2.867	2.365		16.5	20.0	-17.5	50.0
Butyl Methacrylate	LinF	1.045	0.9603		15.0	20.0	-25.2	50.0
tert-Butylbenzene	Ave	2.429	2.193		18.1	20.0	-9.7	50.0
1,2,4-Trimethylbenzene	Ave	3.024	2.638		17.4	20.0	-12.8	50.0
sec-Butylbenzene	LinF	3.772	3.333		15.6	20.0	-22.1	50.0
p-Isopropyltoluene	LinF	3.070	2.749		15.2	20.0	-24.2	50.0
1,3-Dichlorobenzene	Ave	1.727	1.528		17.7	20.0	-11.5	50.0
1,4-Dichlorobenzene	Ave	1.760	1.573		17.9	20.0	-10.6	50.0
Benzyl chloride	LinF	2.086	1.849		14.2	20.0	-29.0	50.0
Indan	Ave	0.9924	1.117		22.5	20.0	12.6	50.0
n-Butylbenzene	Ave	3.807	3.199		16.8	20.0	-16.0	50.0
1,2-Dichlorobenzene	Ave	1.675	1.516		18.1	20.0	-9.5	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2321	0.2019		17.4	20.0	-13.0	50.0
Camphor	QuaF	0.1696	0.1425		73.7	100	-26.3	50.0
1,2,4-Trichlorobenzene	Ave	1.043	1.022		19.6	20.0	-2.1	50.0
Hexachlorobutadiene	LinF	0.3630	0.3736		17.4	20.0	-13.0	50.0
Naphthalene	Ave	3.279	3.285		20.0	20.0	0.2	50.0
1,2,3-Trichlorobenzene	Ave	0.9863	0.9867		20.0	20.0	0.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2964	0.2659		44.9	50.0	-10.3	50.0
Toluene-d8 (Surr)	Ave	1.014	0.8919		44.0	50.0	-12.1	50.0
Bromofluorobenzene	Ave	0.7319	0.7030		48.0	50.0	-3.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152393/2 Calibration Date: 03/22/2013 21:32

Instrument ID: VOAMS4 Calib Start Date: 03/22/2013 07:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/22/2013 11:03

Lab File ID: d30807.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	0.6459	0.5752		17.8	20.0	-11.0	50.0
Chloromethane	Ave	0.5841	0.4760	0.1000	16.3	20.0	-18.5	50.0
Vinyl chloride	Ave	0.5928	0.5281		17.8	20.0	-10.9	20.0
Bromomethane	Ave	0.3882	0.3718		19.2	20.0	-4.2	50.0
Chloroethane	Ave	0.2921	0.2647		18.1	20.0	-9.4	50.0
n-Pentane	LinF	0.0993	0.0863		43.2	40.0	8.1	50.0
Trichlorofluoromethane	Ave	0.7859	0.7596		19.3	20.0	-3.3	50.0
Dichlorofluoromethane	Ave	0.8518	0.7840		18.4	20.0	-8.0	50.0
Isopropene	Ave	0.6351	0.5550		17.5	20.0	-12.6	50.0
Ethyl ether	Ave	0.2406	0.2304		19.2	20.0	-4.2	50.0
1,1-Dichloroethene	Ave	0.3660	0.3486		19.0	20.0	-4.8	20.0
Carbon disulfide	Ave	1.495	1.309		17.5	20.0	-12.4	50.0
Ethanol	Ave	0.0014	0.0010		2120	3000	-29.5	50.0
Freon TF	Ave	0.5009	0.4512		18.0	20.0	-9.9	50.0
Iodomethane	Ave	0.8813	0.8097		18.4	20.0	-8.1	50.0
Methylene Chloride	LinF	0.5068	0.4359		22.7	20.0	13.4	50.0
Acetone	QuaF	0.0917	0.0980		15.7	20.0	-21.4	50.0
trans-1,2-Dichloroethene	Ave	0.4878	0.4619		18.9	20.0	-5.3	50.0
Methyl acetate	Ave	0.0916	0.0946		20.7	20.0	3.3	50.0
Hexane	Ave	0.4300	0.3742		17.4	20.0	-13.0	50.0
MTBE	Ave	0.9470	0.8923		18.8	20.0	-5.8	50.0
TBA	Ave	0.0321	0.0373		464	400	15.9	50.0
Acetonitrile	QuaF	0.0294	0.0364		281	400	-29.7	50.0
DIPE	Ave	1.210	1.036		17.1	20.0	-14.4	50.0
1,1-Dichloroethane	Ave	0.7584	0.6914	0.1000	18.2	20.0	-8.8	50.0
Tert-butyl ethyl ether	Ave	1.160	1.018	0.0100	17.6	20.0	-12.2	50.0
cis-1,2-Dichloroethene	Ave	0.4989	0.4635		18.6	20.0	-7.1	50.0
2,2-Dichloropropane	Ave	0.7089	0.6902		19.5	20.0	-2.6	50.0
Cyclohexane	Ave	0.9049	0.7529		16.6	20.0	-16.8	50.0
Bromochloromethane	Ave	0.2197	0.2234		20.3	20.0	1.7	50.0
Chloroform	Ave	0.7662	0.7293		19.0	20.0	-4.8	20.0
Carbon tetrachloride	Ave	0.8195	0.7501		18.3	20.0	-8.5	50.0
Ethyl acetate	LinF	0.0325	0.0316		43.6	40.0	9.0	50.0
1,1,1-Trichloroethane	Ave	0.7725	0.7394		19.1	20.0	-4.3	50.0
1,1-Dichloropropene	Ave	0.5755	0.5308		18.4	20.0	-7.8	50.0
2-Butanone	LinF	0.0996	0.0900		19.7	20.0	-1.3	50.0
n-Heptane	Ave	0.6670	0.5520		16.6	20.0	-17.2	50.0
Benzene	Ave	1.715	1.610		18.8	20.0	-6.1	50.0
Tert-amyl methyl ether	Ave	0.9168	0.8611		18.8	20.0	-6.1	50.0
1,2-Dichloroethane	Ave	0.4362	0.4231		19.4	20.0	-3.0	50.0
Isopropyl acetate	Ave	0.4906	0.4887		39.8	40.0	-0.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152393/2 Calibration Date: 03/22/2013 21:32

Instrument ID: VOAMS4 Calib Start Date: 03/22/2013 07:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/22/2013 11:03

Lab File ID: d30807.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
Methylcyclohexane	Ave	0.9818	0.8614		17.5	20.0	-12.3	50.0
Trichloroethene	Ave	0.4734	0.4515		19.1	20.0	-4.6	50.0
Dibromomethane	Ave	0.1950	0.2063		21.2	20.0	5.8	50.0
1,2-Dichloropropane	Ave	0.3705	0.3444		18.6	20.0	-7.0	20.0
Bromodichloromethane	Ave	0.4703	0.4615		19.6	20.0	-1.9	50.0
Ethyl acrylate	Ave	0.2806	0.3017		21.5	20.0	7.5	50.0
Methyl methacrylate	Ave	0.1700	0.1717		20.2	20.0	1.0	50.0
1,4-Dioxane	Ave	0.0036	0.0044		182	150	21.2	50.0
Propyl acetate	LinF	0.2558	0.2873		20.3	20.0	1.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1233	0.1115		18.1	20.0	-9.6	50.0
cis-1,3-Dichloropropene	Ave	0.5351	0.4824		18.0	20.0	-9.9	50.0
Toluene	Ave	3.052	2.705		17.7	20.0	-11.4	20.0
Epichlorohydrin	Ave	0.0205	0.0229		447	400	11.9	50.0
Tetrachloroethene	Ave	0.9638	0.9246		19.2	20.0	-4.1	50.0
4-Methyl-2-pentanone	Ave	0.1967	0.2039		20.7	20.0	3.6	50.0
trans-1,3-Dichloropropene	Ave	0.6825	0.6452		18.9	20.0	-5.5	50.0
1,1,2-Trichloroethane	Ave	0.3623	0.3462		19.1	20.0	-4.4	50.0
Ethyl methacrylate	Ave	0.3111	0.3161		20.3	20.0	1.6	50.0
Dibromochloromethane	Ave	0.5478	0.5326		19.4	20.0	-2.8	50.0
1,3-Dichloropropane	Ave	0.7003	0.6707		19.2	20.0	-4.2	50.0
1,2-Dibromoethane	Ave	0.4149	0.4348		21.0	20.0	4.8	50.0
Butyl acetate	Ave	0.5676	0.4828		34.0	40.0	-14.9	50.0
2-Hexanone	Ave	0.2342	0.2503		21.4	20.0	6.9	50.0
Chlorobenzene	Ave	1.928	1.787	0.3000	18.5	20.0	-7.3	50.0
Ethylbenzene	Ave	1.085	1.027		18.9	20.0	-5.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.7126	0.6516		18.3	20.0	-8.6	50.0
m&p-Xylene	Ave	1.325	1.263		38.1	40.0	-4.7	50.0
o-Xylene	Ave	1.247	1.139		18.3	20.0	-8.7	50.0
Bromoform	Ave	0.3735	0.3897	0.1000	20.9	20.0	4.3	50.0
Styrene	Ave	1.827	1.735		19.0	20.0	-5.0	50.0
Butyl acrylate	LinF	1.546	1.251		17.5	20.0	-12.5	50.0
Isopropylbenzene	Ave	3.547	3.412		19.2	20.0	-3.8	50.0
Monobromobenzene	Ave	1.542	1.408		18.3	20.0	-8.7	50.0
N-Propylbenzene	Ave	7.473	6.717		18.0	20.0	-10.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9707	0.9340	0.3000	19.2	20.0	-3.8	50.0
2-Chlorotoluene	Ave	4.955	4.325		17.5	20.0	-12.7	50.0
1,2,3-Trichloropropane	Ave	0.2934	0.2980		20.3	20.0	1.6	50.0
1,3,5-Trimethylbenzene	Ave	5.316	4.659		17.5	20.0	-12.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0679	0.0764		22.5	20.0	12.6	50.0
4-Chlorotoluene	Ave	4.106	3.628		17.7	20.0	-11.6	50.0
tert-Butylbenzene	LinF	4.599	3.913		14.7	20.0	-26.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152393/2 Calibration Date: 03/22/2013 21:32

Instrument ID: VOAMS4 Calib Start Date: 03/22/2013 07:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/22/2013 11:03

Lab File ID: d30807.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
Butyl Methacrylate	Ave	1.358	1.123		16.5	20.0	-17.3	50.0
1,2,4-Trimethylbenzene	Ave	5.236	4.722		18.0	20.0	-9.8	50.0
sec-Butylbenzene	Ave	7.136	6.351		17.8	20.0	-11.0	50.0
p-Isopropyltoluene	Ave	6.047	5.455		18.0	20.0	-9.8	50.0
1,3-Dichlorobenzene	Ave	3.119	2.901		18.6	20.0	-7.0	50.0
1,4-Dichlorobenzene	Ave	3.054	2.805		18.4	20.0	-8.1	50.0
2-Octanone	Ave	0.8467	0.8170		19.3	20.0	-3.5	50.0
Benzyl chloride	Ave	0.4124	0.3986		19.3	20.0	-3.3	50.0
n-Butylbenzene	Ave	3.277	3.011		18.4	20.0	-8.1	50.0
1,2-Dichlorobenzene	Ave	2.818	2.594		18.4	20.0	-7.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1625	0.1690		20.8	20.0	4.0	50.0
Hexachlorobutadiene	Ave	1.570	1.462		18.6	20.0	-6.9	50.0
1,2,4-Trichlorobenzene	Ave	2.243	2.155		19.2	20.0	-3.9	50.0
Camphor	LinF	0.0828	0.0718		91.4	100	-8.6	50.0
Naphthalene	Ave	3.481	3.517		20.2	20.0	1.0	50.0
1,2,3-Trichlorobenzene	Ave	1.968	1.997		20.3	20.0	1.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2078	0.2167		52.1	50.0	4.3	50.0
Toluene-d8 (Surr)	Ave	1.280	1.142		44.6	50.0	-10.8	50.0
Bromofluorobenzene	Ave	1.034	0.9446		45.7	50.0	-8.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152400/2 Calibration Date: 03/23/2013 06:50

Instrument ID: VOAMS4 Calib Start Date: 03/22/2013 07:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/22/2013 11:03

Lab File ID: d30831.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	0.6459	0.5821		18.0	20.0	-9.9	50.0
Chloromethane	Ave	0.5841	0.4682	0.1000	16.0	20.0	-19.8	50.0
Vinyl chloride	Ave	0.5928	0.5218		17.6	20.0	-12.0	20.0
Bromomethane	Ave	0.3882	0.3746		19.3	20.0	-3.5	50.0
Chloroethane	Ave	0.2921	0.2835		19.4	20.0	-2.9	50.0
n-Pentane	LinF	0.0993	0.0981		49.1	40.0	22.8	50.0
Trichlorofluoromethane	Ave	0.7859	0.7332		18.7	20.0	-6.7	50.0
Dichlorofluoromethane	Ave	0.8518	0.8141		19.1	20.0	-4.4	50.0
Isopropene	Ave	0.6351	0.6371		20.1	20.0	0.3	50.0
Ethyl ether	Ave	0.2406	0.2481		20.6	20.0	3.1	50.0
1,1-Dichloroethene	Ave	0.3660	0.3700		20.2	20.0	1.1	20.0
Carbon disulfide	Ave	1.495	1.450		19.4	20.0	-3.0	50.0
Freon TF	Ave	0.5009	0.5218		20.8	20.0	4.2	50.0
Ethanol	Ave	0.0014	0.0010		2100	3000	-30.0	50.0
Iodomethane	Ave	0.8813	0.8823		20.0	20.0	0.1	50.0
Methylene Chloride	LinF	0.5068	0.4808		25.0	20.0	25.1	50.0
Acetone	QuaF	0.0917	0.1078		17.4	20.0	-13.2	50.0
trans-1,2-Dichloroethene	Ave	0.4878	0.5043		20.7	20.0	3.4	50.0
Methyl acetate	Ave	0.0916	0.1025		22.4	20.0	11.9	50.0
Hexane	Ave	0.4300	0.4307		20.0	20.0	0.2	50.0
MTBE	Ave	0.9470	0.9867		20.8	20.0	4.2	50.0
TBA	Ave	0.0321	0.0328		408	400	2.0	50.0
Acetonitrile	QuaF	0.0294	0.0330		253	400	-36.6	50.0
DIPE	Ave	1.210	1.236		20.4	20.0	2.1	50.0
1,1-Dichloroethane	Ave	0.7584	0.7695	0.1000	20.3	20.0	1.5	50.0
Tert-butyl ethyl ether	Ave	1.160	1.179	0.0100	20.3	20.0	1.6	50.0
cis-1,2-Dichloroethene	Ave	0.4989	0.5050		20.2	20.0	1.2	50.0
2,2-Dichloropropane	Ave	0.7089	0.7370		20.8	20.0	4.0	50.0
Cyclohexane	Ave	0.9049	0.9115		20.1	20.0	0.7	50.0
Bromochloromethane	Ave	0.2197	0.2272		20.7	20.0	3.4	50.0
Chloroform	Ave	0.7662	0.7652		20.0	20.0	-0.1	20.0
Carbon tetrachloride	Ave	0.8195	0.8012		19.6	20.0	-2.2	50.0
Ethyl acetate	LinF	0.0325	0.0320		44.2	40.0	10.4	50.0
1,1,1-Trichloroethane	Ave	0.7725	0.7740		20.0	20.0	0.2	50.0
1,1-Dichloropropene	Ave	0.5755	0.5843		20.3	20.0	1.5	50.0
2-Butanone	LinF	0.0996	0.0808		17.7	20.0	-11.4	50.0
Benzene	Ave	1.715	1.762		20.6	20.0	2.8	50.0
n-Heptane	Ave	0.6670	0.6794		20.4	20.0	1.8	50.0
Tert-amyl methyl ether	Ave	0.9168	0.9887		21.6	20.0	7.9	50.0
1,2-Dichloroethane	Ave	0.4362	0.4358		20.0	20.0	-0.0	50.0
Isopropyl acetate	Ave	0.4906	0.5415		44.1	40.0	10.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152400/2 Calibration Date: 03/23/2013 06:50

Instrument ID: VOAMS4 Calib Start Date: 03/22/2013 07:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/22/2013 11:03

Lab File ID: d30831.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
Methylcyclohexane	Ave	0.9818	1.018		20.7	20.0	3.6	50.0
Trichloroethene	Ave	0.4734	0.4983		21.1	20.0	5.3	50.0
Dibromomethane	Ave	0.1950	0.2061		21.1	20.0	5.7	50.0
1,2-Dichloropropane	Ave	0.3705	0.3834		20.7	20.0	3.5	20.0
Bromodichloromethane	Ave	0.4703	0.4744		20.2	20.0	0.9	50.0
Ethyl acrylate	Ave	0.2806	0.3026		21.6	20.0	7.8	50.0
Methyl methacrylate	Ave	0.1700	0.1813		21.3	20.0	6.6	50.0
1,4-Dioxane	Ave	0.0036	0.0038		158	150	5.1	50.0
Propyl acetate	LinF	0.2558	0.2914		20.6	20.0	3.1	50.0
2-Chloroethyl vinyl ether	Ave	0.1233	0.1271		20.6	20.0	3.0	50.0
cis-1,3-Dichloropropene	Ave	0.5351	0.5402		20.2	20.0	0.9	50.0
Toluene	Ave	3.052	2.950		19.3	20.0	-3.3	20.0
Epichlorohydrin	Ave	0.0205	0.0223		435	400	8.8	50.0
Tetrachloroethene	Ave	0.9638	0.9640		20.0	20.0	0.0	50.0
4-Methyl-2-pentanone	Ave	0.1967	0.2183		22.2	20.0	11.0	50.0
trans-1,3-Dichloropropene	Ave	0.6825	0.6888		20.2	20.0	0.9	50.0
1,1,2-Trichloroethane	Ave	0.3623	0.3652		20.2	20.0	0.8	50.0
Ethyl methacrylate	Ave	0.3111	0.3669		23.6	20.0	18.0	50.0
Dibromochloromethane	Ave	0.5478	0.5496		20.1	20.0	0.3	50.0
1,3-Dichloropropane	Ave	0.7003	0.7028		20.1	20.0	0.4	50.0
1,2-Dibromoethane	Ave	0.4149	0.4319		20.8	20.0	4.1	50.0
Butyl acetate	Ave	0.5676	0.5361		37.8	40.0	-5.5	50.0
2-Hexanone	Ave	0.2342	0.2898		24.7	20.0	23.7	50.0
Chlorobenzene	Ave	1.928	1.893	0.3000	19.6	20.0	-1.8	50.0
Ethylbenzene	Ave	1.085	1.072		19.8	20.0	-1.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.7126	0.6715		18.8	20.0	-5.8	50.0
m&p-Xylene	Ave	1.325	1.339		40.4	40.0	1.1	50.0
o-Xylene	Ave	1.247	1.246		20.0	20.0	-0.0	50.0
Bromoform	Ave	0.3735	0.3854	0.1000	20.6	20.0	3.2	50.0
Styrene	Ave	1.827	1.826		20.0	20.0	-0.0	50.0
Butyl acrylate	LinF	1.546	1.423		19.9	20.0	-0.5	50.0
Isopropylbenzene	Ave	3.547	3.613		20.4	20.0	1.9	50.0
Monobromobenzene	Ave	1.542	1.519		19.7	20.0	-1.5	50.0
N-Propylbenzene	Ave	7.473	7.761		20.8	20.0	3.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9707	0.996	0.3000	20.5	20.0	2.6	50.0
2-Chlorotoluene	Ave	4.955	4.962		20.0	20.0	0.1	50.0
1,2,3-Trichloropropane	Ave	0.2934	0.3071		20.9	20.0	4.7	50.0
1,3,5-Trimethylbenzene	Ave	5.316	5.414		20.4	20.0	1.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0679	0.0690		20.3	20.0	1.7	50.0
4-Chlorotoluene	Ave	4.106	4.066		19.8	20.0	-1.0	50.0
tert-Butylbenzene	LinF	4.599	4.551		17.1	20.0	-14.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152400/2 Calibration Date: 03/23/2013 06:50

Instrument ID: VOAMS4 Calib Start Date: 03/22/2013 07:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/22/2013 11:03

Lab File ID: d30831.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
Butyl Methacrylate	Ave	1.358	1.380		20.3	20.0	1.6	50.0
1,2,4-Trimethylbenzene	Ave	5.236	5.405		20.6	20.0	3.2	50.0
sec-Butylbenzene	Ave	7.136	7.287		20.4	20.0	2.1	50.0
p-Isopropyltoluene	Ave	6.047	6.194		20.5	20.0	2.4	50.0
1,3-Dichlorobenzene	Ave	3.119	3.044		19.5	20.0	-2.4	50.0
1,4-Dichlorobenzene	Ave	3.054	3.040		19.9	20.0	-0.4	50.0
2-Octanone	Ave	0.8467	0.9156		21.6	20.0	8.1	50.0
Benzyl chloride	Ave	0.4124	0.4144		20.1	20.0	0.5	50.0
n-Butylbenzene	Ave	3.277	3.328		20.3	20.0	1.6	50.0
1,2-Dichlorobenzene	Ave	2.818	2.748		19.5	20.0	-2.5	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1625	0.1661		20.4	20.0	2.2	50.0
Hexachlorobutadiene	Ave	1.570	1.485		18.9	20.0	-5.4	50.0
1,2,4-Trichlorobenzene	Ave	2.243	2.189		19.5	20.0	-2.4	50.0
Camphor	LinF	0.0828	0.0748		95.3	100	-4.7	50.0
Naphthalene	Ave	3.481	3.498		20.1	20.0	0.5	50.0
1,2,3-Trichlorobenzene	Ave	1.968	1.936		19.7	20.0	-1.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2078	0.1948		46.9	50.0	-6.3	50.0
Toluene-d8 (Surr)	Ave	1.280	1.234		48.2	50.0	-3.5	50.0
Bromofluorobenzene	Ave	1.034	1.032		49.9	50.0	-0.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151859/2 Calibration Date: 03/20/2013 09:17

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k11003.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	0.3126	0.3997		23.8	20.0	18.9	50.0
Chloromethane	Ave	0.5815	0.5829	0.1000	20.0	20.0	0.2	50.0
Vinyl chloride	Ave	0.4676	0.4983		21.3	20.0	6.6	20.0
Bromomethane	Ave	0.2285	0.2670		23.4	20.0	16.9	50.0
Chloroethane	Ave	0.2494	0.2601		20.9	20.0	4.3	50.0
Dichlorofluoromethane	Ave	0.8205	0.7098		17.3	20.0	-13.5	50.0
n-Pentane	LinF	0.0663	0.0347		22.7	40.0	-43.4	50.0
Trichlorofluoromethane	LinF	0.4828	0.5363		21.0	20.0	5.0	50.0
Ethanol	Ave	0.0031	0.0023		2270	3000	-24.4	50.0
Ethyl ether	Ave	0.3247	0.2793		17.2	20.0	-14.0	50.0
Isopropene	Ave	0.4842	0.3851		15.9	20.0	-20.5	50.0
Acrolein	LinF	0.0879	0.0739		38.6	40.0	-3.6	50.0
Freon TF	Ave	0.2873	0.2653		18.5	20.0	-7.7	50.0
1,1-Dichloroethene	Ave	0.2484	0.2292		18.5	20.0	-7.7	20.0
Acetone	Ave	0.1549	0.1727		22.3	20.0	11.4	50.0
Iodomethane	Ave	0.4436	0.4021		18.1	20.0	-9.3	50.0
Carbon disulfide	Ave	1.299	1.022		15.7	20.0	-21.3	50.0
Methyl acetate	Ave	0.3896	0.3722		19.1	20.0	-4.5	50.0
Cyclopentene	Ave	0.9184	0.7890		17.2	20.0	-14.1	50.0
Acetonitrile	Ave	0.0152	0.0144		380	400	-5.1	50.0
Methylene Chloride	Ave	0.3785	0.3398		18.0	20.0	-10.2	50.0
TBA	Ave	0.0442	0.0359		325	400	-18.8	50.0
MTBE	Ave	0.9764	0.9758		20.0	20.0	-0.0	50.0
trans-1,2-Dichloroethene	Ave	0.3002	0.2589		17.2	20.0	-13.8	50.0
Acrylonitrile	Ave	0.1741	0.1995		22.9	20.0	14.6	50.0
Hexane	Ave	0.2746	0.2550		18.6	20.0	-7.2	50.0
DIPE	Ave	1.304	1.321		20.3	20.0	1.3	50.0
1,1-Dichloroethane	Ave	0.7018	0.6624	0.1000	18.9	20.0	-5.6	50.0
Vinyl acetate	Ave	1.065	1.322		49.6	40.0	24.1	50.0
Tert-butyl ethyl ether	Ave	1.102	1.110		20.1	20.0	0.7	50.0
2,2-Dichloropropane	Ave	0.4466	0.4682		21.0	20.0	4.8	50.0
cis-1,2-Dichloroethene	Ave	0.3454	0.3053		17.7	20.0	-11.6	50.0
2-Butanone	Ave	0.0474	0.0485		20.5	20.0	2.4	50.0
Ethyl acetate	Ave	0.0422	0.0386		36.6	40.0	-8.6	50.0
Bromochloromethane	Ave	0.1511	0.1372		18.2	20.0	-9.2	50.0
Tetrahydrofuran	Ave	0.1584	0.1576		19.9	20.0	-0.5	50.0
Methacrylonitrile	Ave	0.1657	0.1543		37.2	40.0	-6.9	50.0
Chloroform	Ave	0.6120	0.6469		21.1	20.0	5.7	20.0
Cyclohexane	LinF	0.5960	0.5460		15.8	20.0	-21.2	50.0
1,1,1-Trichloroethane	Ave	0.4495	0.4949		22.0	20.0	10.1	50.0
Carbon tetrachloride	Ave	0.3596	0.4045		22.5	20.0	12.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151859/2 Calibration Date: 03/20/2013 09:17

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k11003.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
1,1-Dichloropropene	Ave	0.3856	0.4207		21.8	20.0	9.1	50.0
Benzene	Ave	2.105	2.067		19.6	20.0	-1.8	50.0
Isopropyl acetate	Ave	1.047	1.062		40.6	40.0	1.5	50.0
Tert-amyl methyl ether	Ave	0.9407	0.9105		19.4	20.0	-3.2	50.0
1,2-Dichloroethane	Ave	0.5365	0.5648		21.1	20.0	5.3	50.0
n-Heptane	LinF	0.1760	0.1568		17.1	20.0	-14.5	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0602	0.0484		26.4	40.0	-33.9	50.0
Trichloroethene	Ave	0.3112	0.2888		18.6	20.0	-7.2	50.0
Ethyl acrylate	Ave	0.0319	0.0303		19.0	20.0	-4.9	50.0
Methylcyclohexane	LinF	0.4348	0.3786		15.3	20.0	-23.6	50.0
1,2-Dichloropropane	Ave	0.3897	0.3536		18.1	20.0	-9.3	20.0
Methyl methacrylate	Ave	0.0692	0.0651		18.8	20.0	-5.9	50.0
1,4-Dioxane	Ave	0.0045	0.0033		110	150	-26.7	50.0
Propyl acetate	Ave	0.6115	0.5782		18.9	20.0	-5.5	50.0
Dibromomethane	Ave	0.2316	0.2174		18.8	20.0	-6.1	50.0
Bromodichloromethane	Ave	0.4649	0.4768		20.5	20.0	2.6	50.0
2-Chloroethyl vinyl ether	LinF	0.2201	0.0668		4.89	20.0	-75.6*	50.0
Epichlorohydrin	Ave	0.0651	0.0668		410	400	2.5	50.0
cis-1,3-Dichloropropene	Ave	0.8242	0.7904		19.2	20.0	-4.1	50.0
4-Methyl-2-pentanone	Ave	0.6331	0.6395		20.2	20.0	1.0	50.0
Toluene	Ave	1.852	1.791		19.3	20.0	-3.3	20.0
trans-1,3-Dichloropropene	Ave	0.7045	0.6927		19.7	20.0	-1.7	50.0
Ethyl methacrylate	LinF	0.3989	0.3646		14.3	20.0	-28.3	50.0
1,1,2-Trichloroethane	Ave	0.4093	0.3916		19.1	20.0	-4.3	50.0
Tetrachloroethene	Ave	0.3167	0.2998		18.9	20.0	-5.3	50.0
1,3-Dichloropropane	Ave	0.7909	0.7654		19.4	20.0	-3.2	50.0
2-Hexanone	Ave	0.4059	0.4096		20.2	20.0	0.9	50.0
Butyl acetate	LinF	0.1138	0.1066		31.2	40.0	-21.9	50.0
Dibromochloromethane	Ave	0.4464	0.4559		20.4	20.0	2.1	50.0
1,2-Dibromoethane	Ave	0.4342	0.4182		19.3	20.0	-3.7	50.0
Chlorobenzene	Ave	1.084	1.014	0.3000	18.7	20.0	-6.4	50.0
Ethylbenzene	LinF	0.5447	0.5206		16.3	20.0	-18.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4057	0.4036		19.9	20.0	-0.5	50.0
m&p-Xylene	LinF	0.6774	0.6835		35.3	40.0	-11.8	50.0
Butyl acrylate	LinF	0.3349	0.3055		13.8	20.0	-30.8	50.0
o-Xylene	LinF	0.7039	0.6979		17.1	20.0	-14.5	50.0
Styrene	LinF	1.197	1.187		17.2	20.0	-13.8	50.0
Amly acetate	LinF	1.984	2.214		17.8	20.0	-10.8	50.0
Bromoform	Ave	0.2853	0.2819	0.1000	19.8	20.0	-1.2	50.0
Isopropylbenzene	LinF	1.661	1.772		17.9	20.0	-10.7	50.0
Monobromobenzene	Ave	0.8533	0.7921		18.6	20.0	-7.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151859/2 Calibration Date: 03/20/2013 09:17

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k11003.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
1,1,2,2-Tetrachloroethane	Ave	1.451	1.375	0.3000	19.0	20.0	-5.2	50.0
N-Propylbenzene	LinF	4.526	4.726		19.0	20.0	-5.1	50.0
1,2,3-Trichloropropane	Ave	0.3230	0.3451		21.4	20.0	6.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3663	0.3809		20.8	20.0	4.0	50.0
2-Chlorotoluene	Ave	3.317	3.560		21.5	20.0	7.3	50.0
p-Ethyltoluene	LinF	3.349	3.644		19.5	20.0	-2.3	50.0
1,3,5-Trimethylbenzene	LinF	2.870	3.115		18.4	20.0	-8.2	50.0
4-Chlorotoluene	Ave	2.920	3.159		21.6	20.0	8.2	50.0
Butyl Methacrylate	LinF	1.129	1.061		14.7	20.0	-26.3	50.0
tert-Butylbenzene	LinF	2.014	2.011		15.8	20.0	-20.8	50.0
1,2,4-Trimethylbenzene	LinF	2.947	3.237		18.7	20.0	-6.5	50.0
2-Octanone	LinF	1.907	1.976		15.4	20.0	-23.1	50.0
sec-Butylbenzene	LinF	3.440	3.654		18.2	20.0	-8.8	50.0
1,3-Dichlorobenzene	Ave	1.642	1.548		18.8	20.0	-5.8	50.0
p-Isopropyltoluene	LinF	2.635	2.749		17.2	20.0	-13.9	50.0
1,4-Dichlorobenzene	Ave	1.676	1.586		18.9	20.0	-5.4	50.0
Benzyl chloride	Ave	2.071	1.942		18.8	20.0	-6.2	50.0
Indan	LinF	1.005	0.9479		16.6	20.0	-17.0	50.0
1,4-Diethylbenzene	LinF	0.5283	0.5211		16.5	20.0	-17.3	50.0
n-Butylbenzene	LinF	3.628	3.962		19.9	20.0	-0.5	50.0
1,2-Dichlorobenzene	Ave	1.628	1.568		19.3	20.0	-3.7	50.0
1,2,4,5-Tetramethylbenzene	LinF	0.8077	0.7368		14.2	20.0	-28.8	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2908	0.3256		22.4	20.0	12.0	50.0
1,2,4-Trichlorobenzene	Ave	1.010	0.9640		19.1	20.0	-4.5	50.0
Hexachlorobutadiene	LinF	0.3321	0.3359		20.2	20.0	1.0	50.0
Naphthalene	Ave	3.205	3.072		19.2	20.0	-4.2	50.0
1,2,3-Trichlorobenzene	Ave	1.001	0.9429		18.8	20.0	-5.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3216	0.3212		49.9	50.0	-0.1	50.0
Toluene-d8 (Surr)	Ave	1.083	1.024		47.3	50.0	-5.5	50.0
Bromofluorobenzene	Ave	0.6925	0.7273		52.5	50.0	5.0	50.0

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/09mar13.b/o70911.d
Report Date: 09-Mar-2013 09:46

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/09mar13.b/o70911.d
Lab Smp Id: BFB
Inj Date : 09-MAR-2013 04:50
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-09-13/09mar13.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.215	2.100 (0.000)	95	41552			0.00- 100.00	100.00
2.215	2.100 (0.000)	50	7456			15.00- 40.00	17.94
2.215	2.100 (0.000)	75	18480			30.00- 60.00	44.47
2.215	2.100 (0.000)	96	2513			5.00- 9.00	6.05
2.215	2.100 (0.000)	173	508			0.00- 2.00	1.23
2.215	2.100 (0.000)	174	41168			50.00- 100.00	99.08
2.215	2.100 (0.000)	175	2999			5.00- 9.00	7.28
2.215	2.100 (0.000)	176	40328			95.00- 101.00	97.96
2.215	2.100 (0.000)	177	2585			5.00- 9.00	6.41

Data File: o70911.d

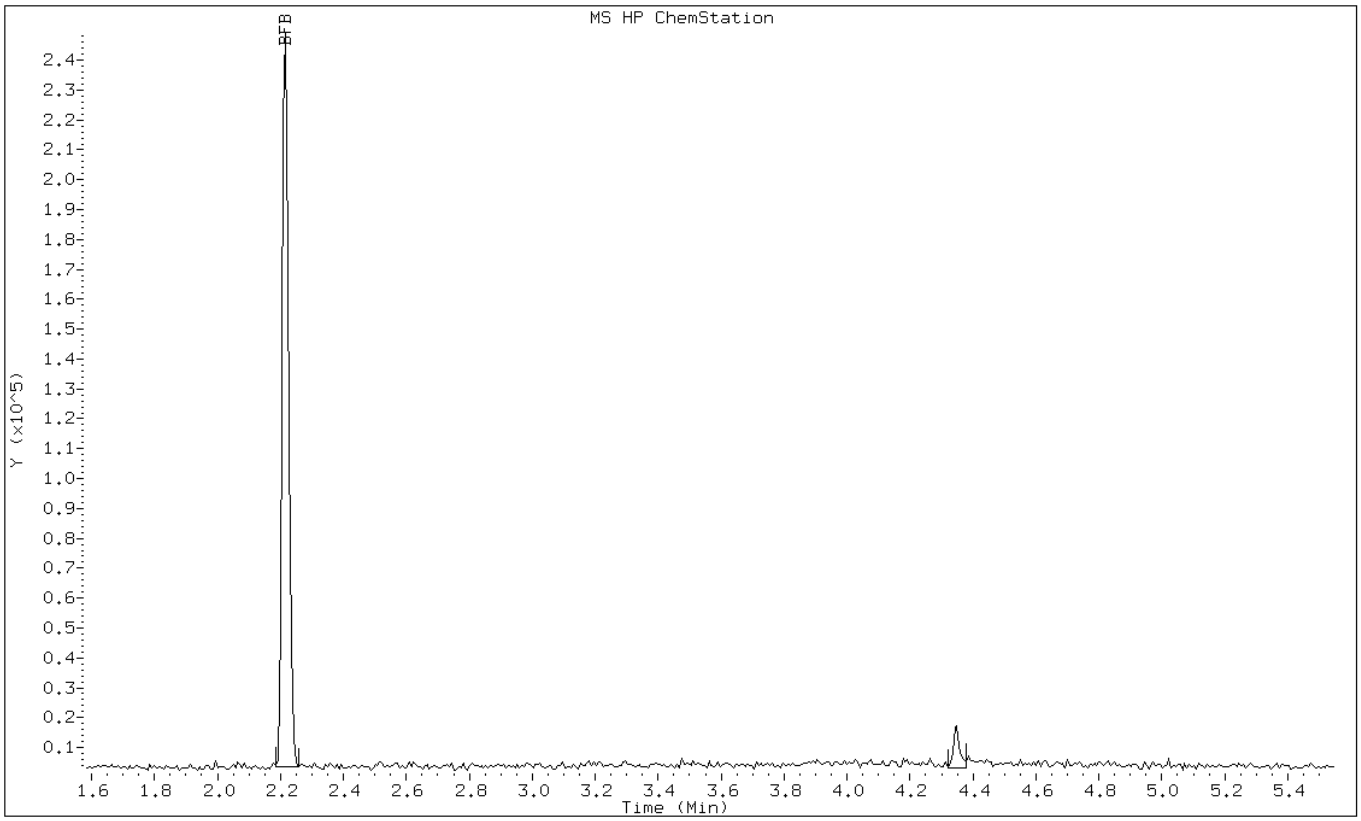
Date: 09-MAR-2013 04:50

Client ID:

Instrument: VOAMS12.i

Sample Info: BFB

Operator: VOAMS 1



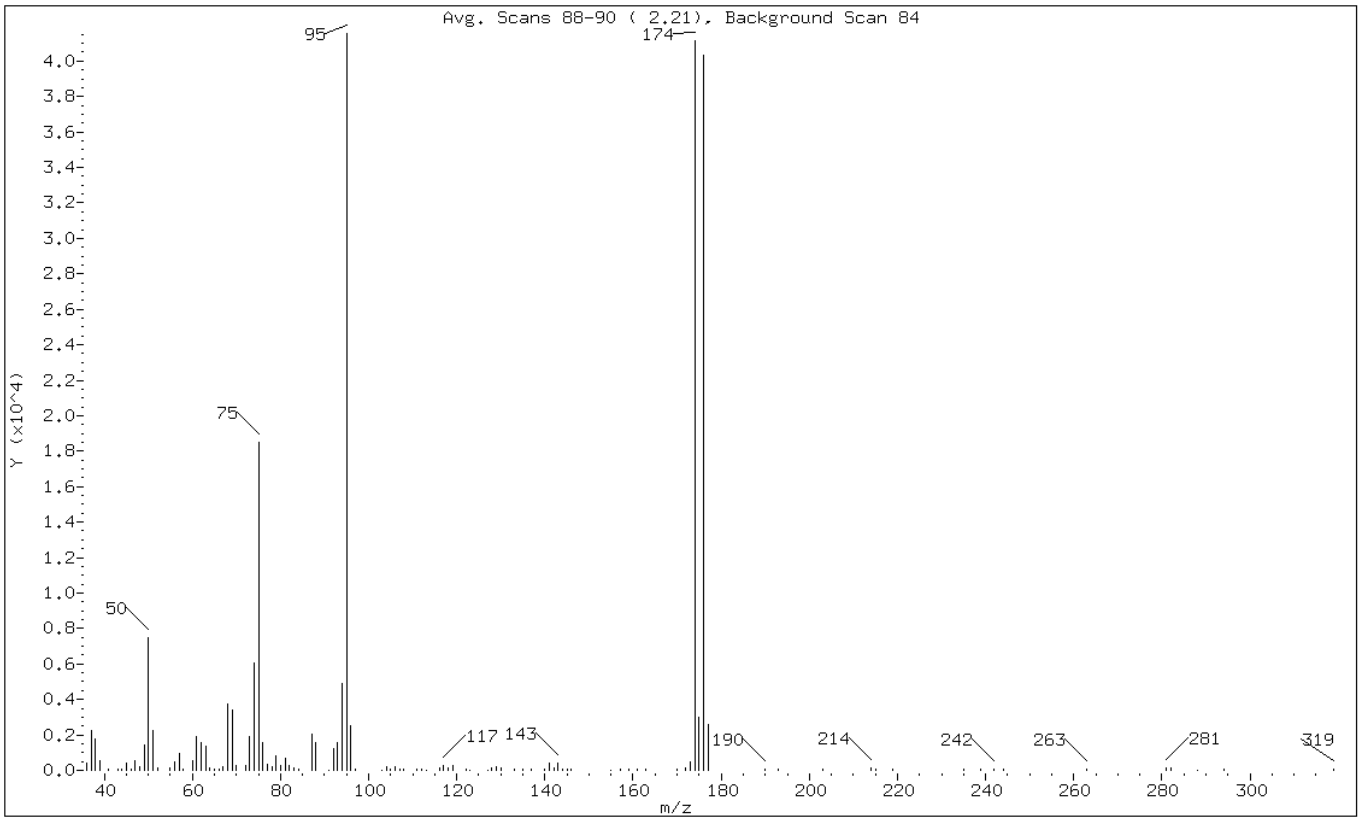
Data File: o70911.d

Date: 09-MAR-2013 04:50

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	17.94
75	30.00 - 60.00% of mass 95	44.47
96	5.00 - 9.00% of mass 95	6.05
173	Less than 2.00% of mass 174	1.22 (1.23)
174	50.00 - 100.00% of mass 95	99.08
175	5.00 - 9.00% of mass 174	7.22 (7.28)
176	95.00 - 101.00% of mass 174	97.05 (97.96)
177	5.00 - 9.00% of mass 176	6.22 (6.41)

Data File: o70911.d

Date: 09-MAR-2013 04:50

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/09mar13.b/o70911.d
Spectrum: Avg. Scans 88-90 (2.21), Background Scan 84
Location of Maximum: 95.00
Number of points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	375	69.00	3417	107.00	65	161.00	40
37.00	2277	70.00	287	108.00	37	163.00	43
38.00	1755	72.00	268	111.00	40	170.00	40
39.00	569	73.00	1884	112.00	44	172.00	142
41.00	93	74.00	6085	113.00	34	173.00	508
43.00	99	75.00	18480	116.00	167	174.00	41168
44.00	67	76.00	1561	117.00	274	175.00	2999
45.00	432	77.00	350	118.00	137	176.00	40328
46.00	50	78.00	222	119.00	245	177.00	2585
47.00	539	79.00	843	122.00	47	190.00	50
48.00	204	80.00	285	123.00	34	193.00	45
49.00	1425	81.00	666	127.00	34	203.00	39
50.00	7456	82.00	285	128.00	115	214.00	137
51.00	2227	83.00	115	129.00	171	215.00	73
52.00	146	84.00	38	130.00	114	219.00	47
55.00	130	87.00	2074	133.00	36	235.00	48
56.00	459	88.00	1548	135.00	37	239.00	45
57.00	931	91.00	30	137.00	66	242.00	75
58.00	45	92.00	1246	140.00	82	244.00	42
60.00	575	93.00	1572	141.00	379	263.00	37
61.00	1885	94.00	4928	142.00	142	281.00	121
62.00	1550	95.00	41552	143.00	409	282.00	105
63.00	1392	96.00	2513	144.00	49	288.00	34
64.00	134	97.00	89	145.00	91	294.00	55
65.00	64	103.00	34	146.00	36	319.00	42
66.00	57	104.00	193	155.00	21		
67.00	172	105.00	55	157.00	42		
68.00	3748	106.00	198	159.00	101		

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71637.d
Report Date: 25-Mar-2013 16:00

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71637.d
Lab Smp Id: BFB
Inj Date : 25-MAR-2013 15:49
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.215	2.100 (0.000)	95	29024			0.00- 100.00	100.00
2.215	2.100 (0.000)	50	5335			15.00- 40.00	18.38
2.215	2.100 (0.000)	75	12610			30.00- 60.00	43.45
2.215	2.100 (0.000)	96	1977			5.00- 9.00	6.81
2.215	2.100 (0.000)	173	0			0.00- 2.00	0.00
2.215	2.100 (0.000)	174	25056			50.00- 100.00	86.33
2.215	2.100 (0.000)	175	2132			5.00- 9.00	8.51
2.215	2.100 (0.000)	176	24792			95.00- 101.00	98.95
2.215	2.100 (0.000)	177	1420			5.00- 9.00	5.73

Data File: o71637.d

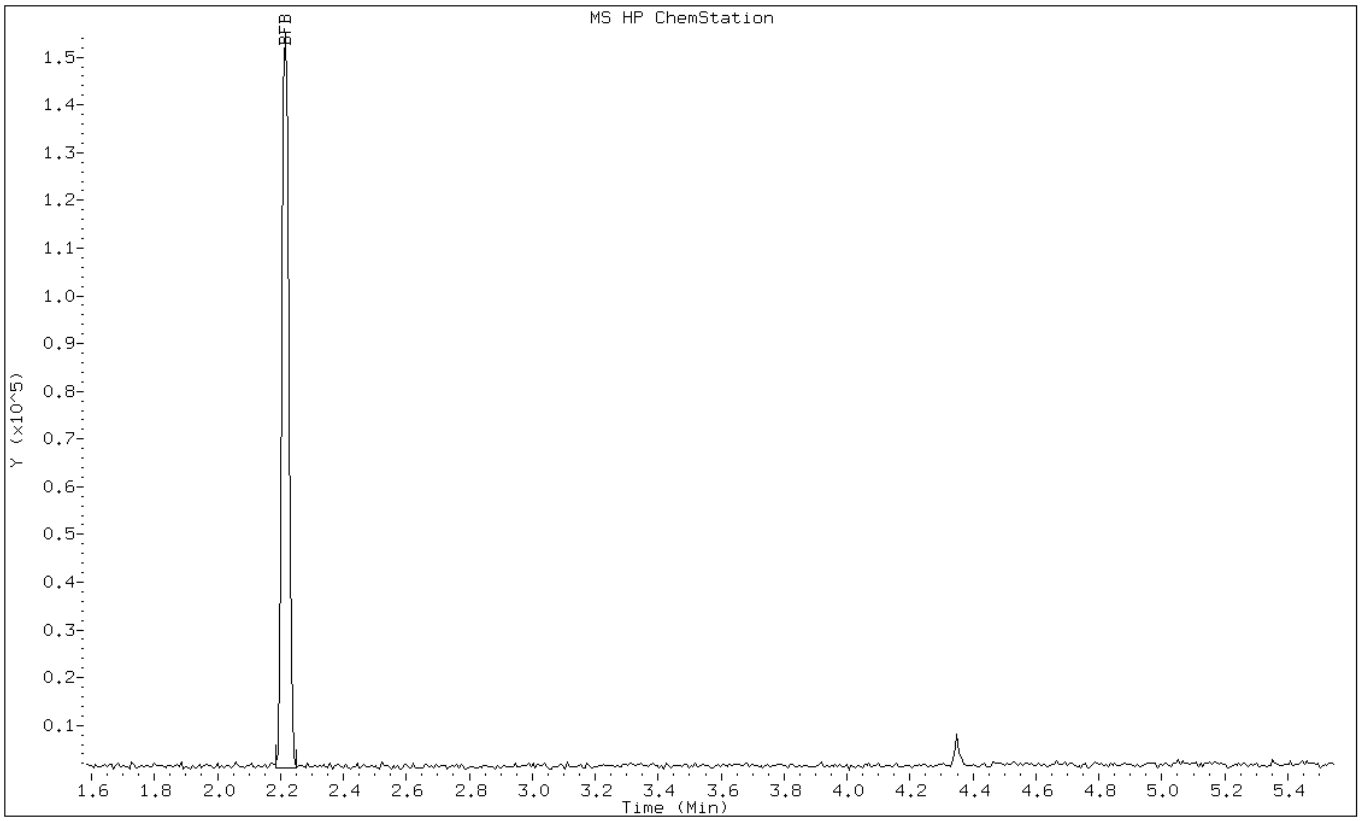
Date: 25-MAR-2013 15:49

Client ID:

Instrument: VOAMS12.i

Sample Info: BFB

Operator: VOAMS 1



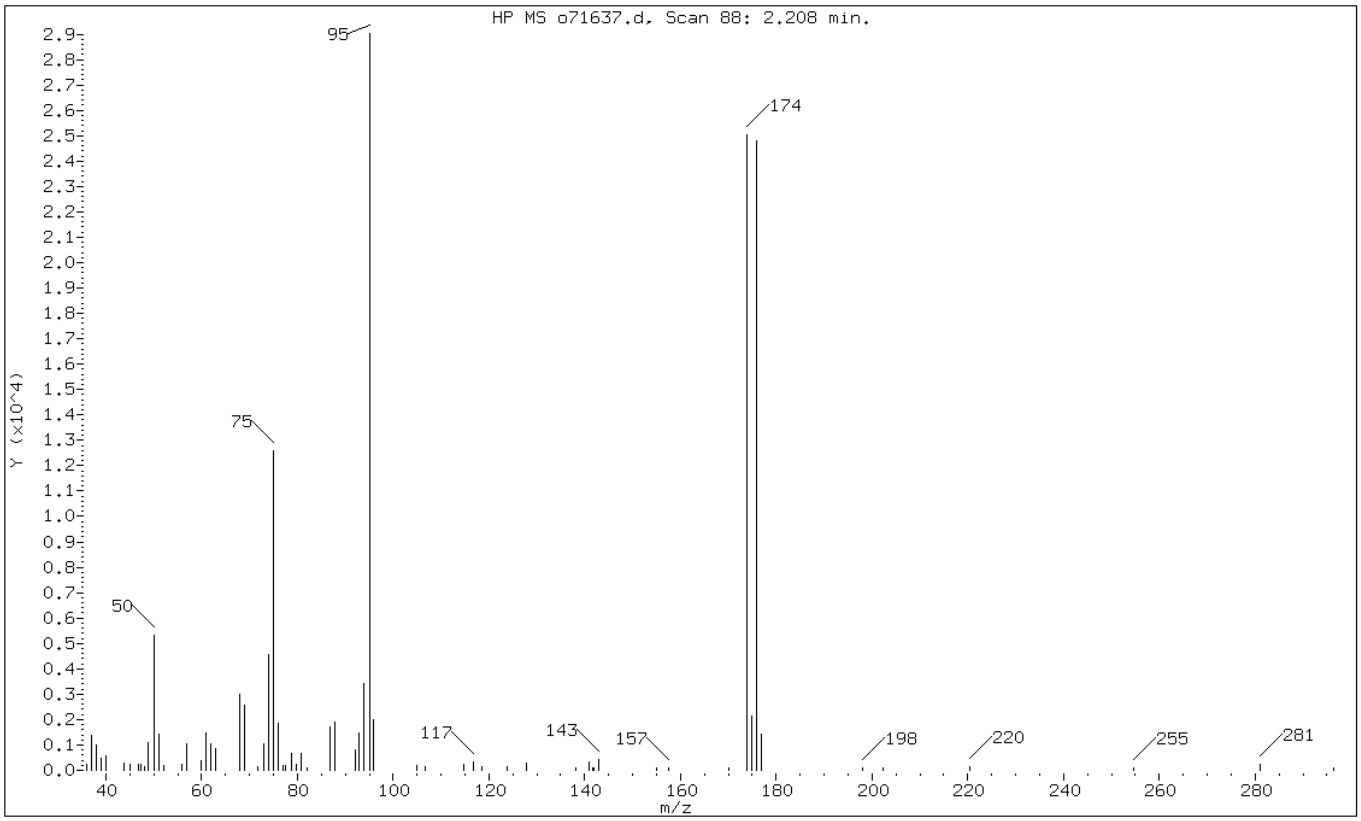
Data File: o71637.d

Date: 25-MAR-2013 15:49

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	18.38
75	30.00 - 60.00% of mass 95	43.45
96	5.00 - 9.00% of mass 95	6.81
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	86.33
175	5.00 - 9.00% of mass 174	7.35 (8.51)
176	95.00 - 101.00% of mass 174	85.42 (98.95)
177	5.00 - 9.00% of mass 176	4.89 (5.73)

Data File: o71637.d

Date: 25-MAR-2013 15:49

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71637.d
Spectrum: HP MS o71637.d, Scan 88: 2.208 min.
Location of Maximum: 95.00
Number of points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	247	60.90	1464	87.90	1888	143.00	442
37.10	1361	62.00	1039	92.00	829	155.00	106
38.00	998	63.00	854	92.90	1494	157.50	116
39.00	488	68.00	3006	93.90	3437	170.10	105
39.90	566	68.90	2573	95.00	29024	173.80	25056
43.90	272	71.80	123	96.00	1977	174.90	2132
45.00	261	72.90	1050	105.00	179	175.90	24792
46.90	216	74.00	4554	106.60	163	176.90	1420
47.20	226	75.00	12610	114.70	241	198.00	103
48.00	148	75.90	1860	116.80	322	202.30	102
48.90	1072	77.10	203	118.60	129	220.30	120
50.00	5335	77.60	183	123.70	148	254.70	103
51.00	1424	78.80	673	127.90	268	281.10	237
52.00	181	79.90	218	138.20	105	296.40	107
55.90	224	80.90	644	140.80	315		
57.00	1065	82.10	107	141.70	104		
59.90	391	86.90	1694	142.00	111		

Data File: /chem/VOAMS2.i/8260_09/03-16-13/16mar13a.b/b53389.d
Report Date: 16-Mar-2013 20:05

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/03-16-13/16mar13a.b/b53389.d
Lab Smp Id: BFB
Inj Date : 16-MAR-2013 18:46
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-03-13/16mar13a.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto 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

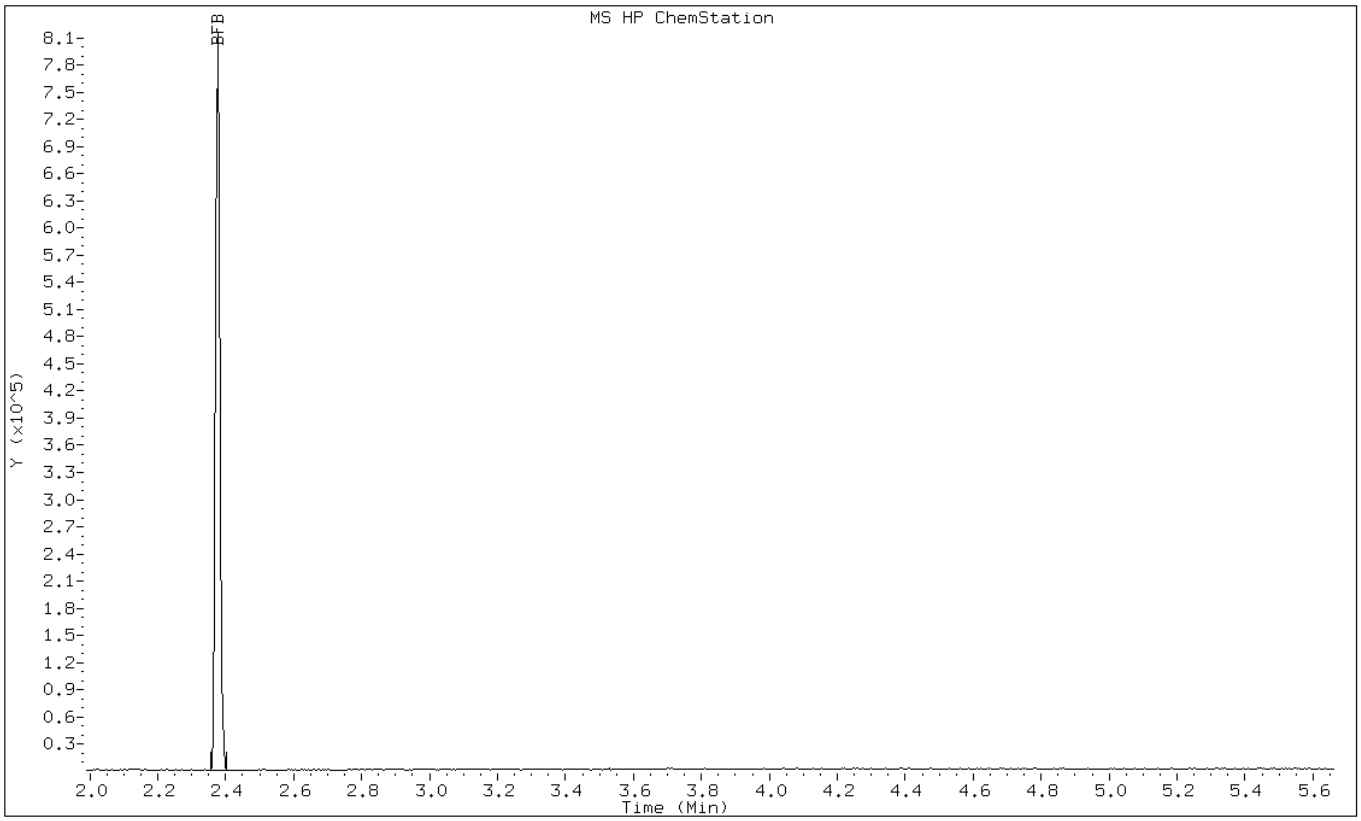
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.376	2.200 (0.000)	95	140386			0.00- 100.00	100.00
2.376	2.200 (0.000)	50	33066			15.00- 40.00	23.55
2.376	2.200 (0.000)	75	74672			30.00- 60.00	53.19
2.376	2.200 (0.000)	96	9858			5.00- 9.00	7.02
2.376	2.200 (0.000)	173	844			0.00- 2.00	0.88
2.376	2.200 (0.000)	174	95784			50.00- 100.00	68.23
2.376	2.200 (0.000)	175	7590			5.00- 9.00	7.92
2.376	2.200 (0.000)	176	92464			95.00- 101.00	96.53
2.376	2.200 (0.000)	177	6250			5.00- 9.00	6.76

Data File: b53389.d

Date: 16-MAR-2013 18:46

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1



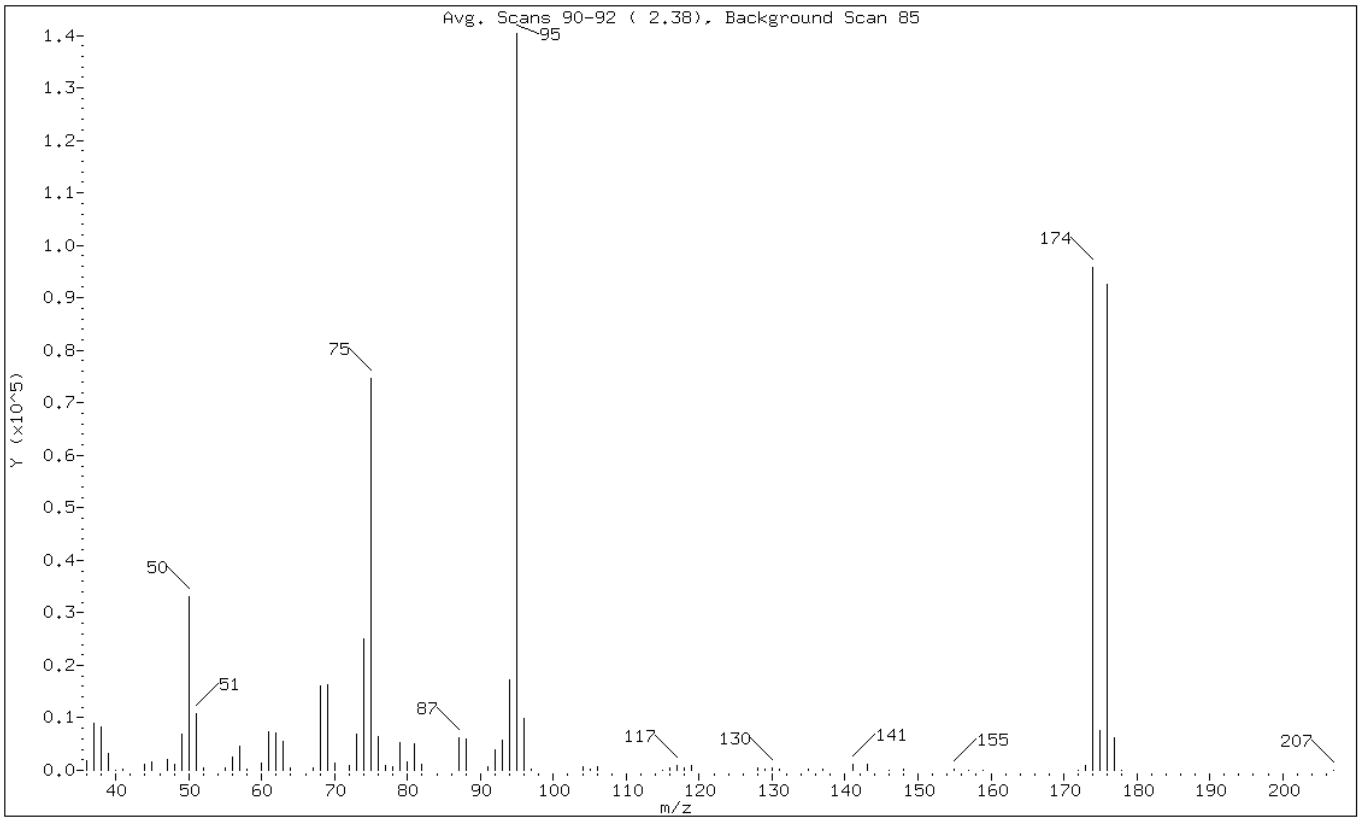
Data File: b53389.d

Date: 16-MAR-2013 18:46

Client ID: Instrument: VOAMS2.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	23.55
75	30.00 - 60.00% of mass 95	53.19
96	5.00 - 9.00% of mass 95	7.02
173	Less than 2.00% of mass 174	0.60 (0.88)
174	50.00 - 100.00% of mass 95	68.23
175	5.00 - 9.00% of mass 174	5.41 (7.92)
176	95.00 - 101.00% of mass 174	65.86 (96.53)
177	5.00 - 9.00% of mass 176	4.45 (6.76)

Data File: b53389.d

Date: 16-MAR-2013 18:46

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/03-16-13/16mar13a.b/b53389.d
Spectrum: Avg. Scans 90-92 (2.38), Background Scan 85
Location of Maximum: 95.00
Number of points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1754	62.00	7204	91.00	599	137.00	152
37.00	9068	63.00	5438	92.00	3932	141.00	1172
38.00	8247	64.00	539	93.00	5851	143.00	1101
39.00	3230	67.00	418	94.00	17336	146.00	87
40.00	89	68.00	16036	95.00	140352	148.00	320
41.00	166	69.00	16257	96.00	9858	155.00	285
44.00	1053	70.00	1360	97.00	250	157.00	90
45.00	1612	72.00	875	104.00	622	159.00	67
47.00	2149	73.00	6856	105.00	197	172.00	92
48.00	1083	74.00	25048	106.00	721	173.00	844
49.00	7005	75.00	74672	115.00	67	174.00	95784
50.00	33064	76.00	6348	116.00	490	175.00	7590
51.00	10772	77.00	884	117.00	901	176.00	92464
52.00	517	78.00	607	118.00	491	177.00	6250
55.00	485	79.00	5319	119.00	847	178.00	90
56.00	2622	80.00	1634	128.00	366	207.00	7
57.00	4703	81.00	5123	129.00	185		
58.00	163	82.00	1121	130.00	495		
60.00	1414	87.00	6272	131.00	179		
61.00	7366	88.00	5982	135.00	185		

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53478.d
Report Date: 19-Mar-2013 04:58

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53478.d
Lab Smp Id: BFB
Inj Date : 19-MAR-2013 04:48
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto 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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.381	2.200 (0.000)	95	55112			0.00- 100.00	100.00
2.381	2.200 (0.000)	50	12340			15.00- 40.00	22.39
2.381	2.200 (0.000)	75	28800			30.00- 60.00	52.26
2.381	2.200 (0.000)	96	3884			5.00- 9.00	7.05
2.381	2.200 (0.000)	173	366			0.00- 2.00	0.95
2.381	2.200 (0.000)	174	38424			50.00- 100.00	69.72
2.381	2.200 (0.000)	175	2814			5.00- 9.00	7.32
2.381	2.200 (0.000)	176	37784			95.00- 101.00	98.33
2.381	2.200 (0.000)	177	2641			5.00- 9.00	6.99

Data File: b53478.d

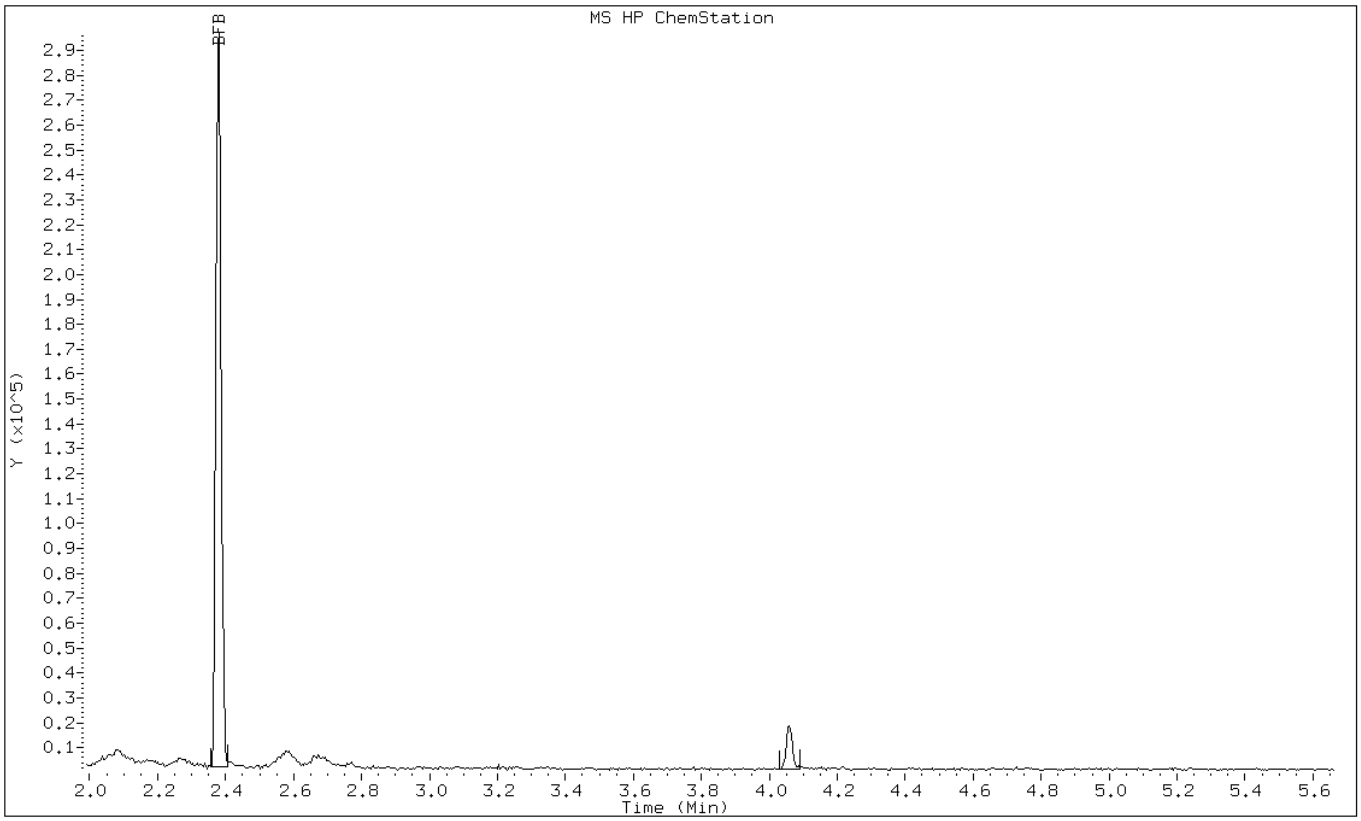
Date: 19-MAR-2013 04:48

Client ID:

Instrument: VOAMS2.i

Sample Info: BFB

Operator: VOAMS 1



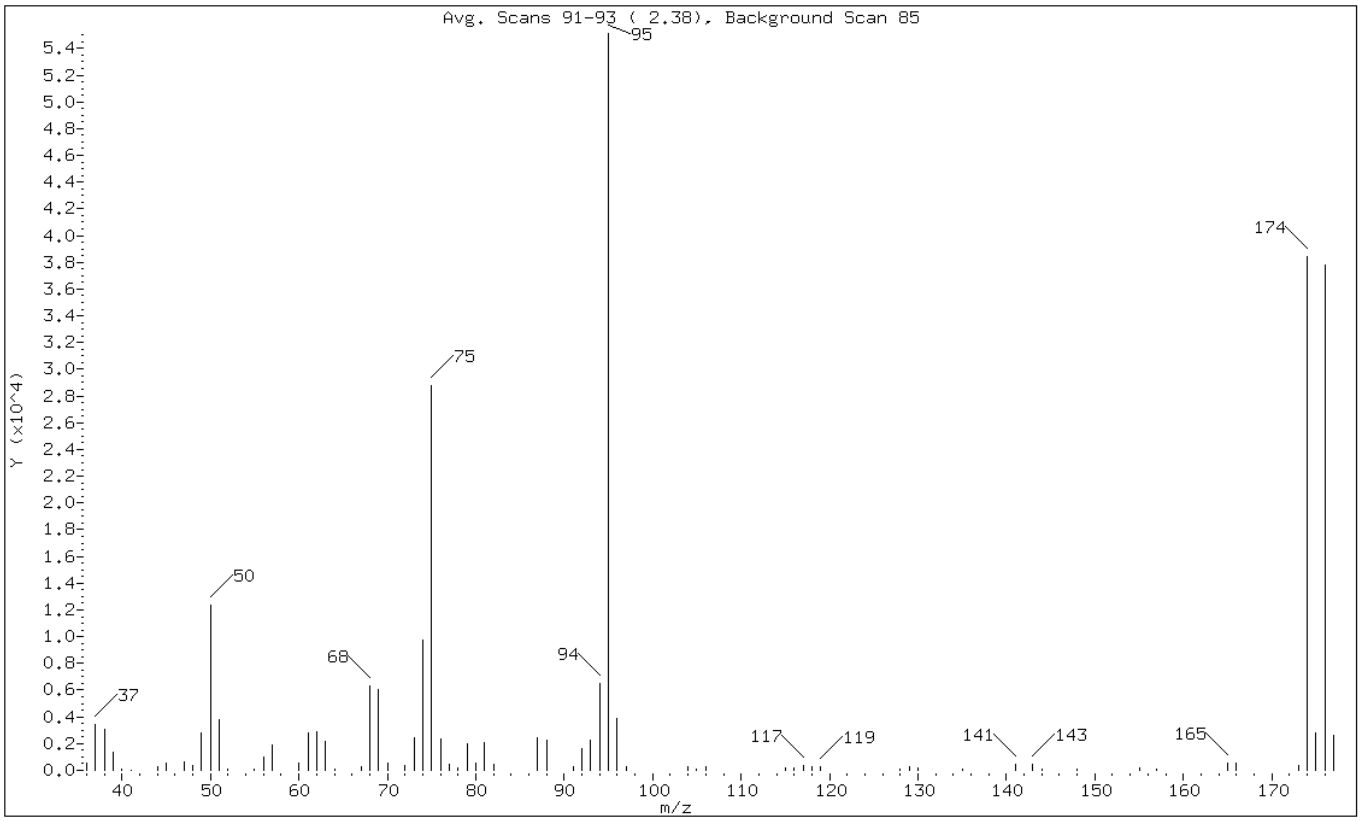
Data File: b53478.d

Date: 19-MAR-2013 04:48

Client ID: Instrument: VOAMS2.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	22.39
75	30.00 - 60.00% of mass 95	52.26
96	5.00 - 9.00% of mass 95	7.05
173	Less than 2.00% of mass 174	0.66 (0.95)
174	50.00 - 100.00% of mass 95	69.72
175	5.00 - 9.00% of mass 174	5.11 (7.32)
176	95.00 - 101.00% of mass 174	68.56 (98.33)
177	5.00 - 9.00% of mass 176	4.79 (6.99)

Data File: b53478.d

Date: 19-MAR-2013 04:48

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53478.d
Spectrum: Avg. Scans 91-93 (2.38), Background Scan 85
Location of Maximum: 95.00
Number of points: 71

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	577	61.00	2796	82.00	473	128.00	63
37.00	3415	62.00	2919	87.00	2442	129.00	261
38.00	3042	63.00	2125	88.00	2276	130.00	167
39.00	1363	64.00	80	91.00	307	135.00	79
40.00	87	67.00	273	92.00	1622	141.00	495
41.00	27	68.00	6285	93.00	2272	143.00	486
44.00	288	69.00	6047	94.00	6452	144.00	81
45.00	519	70.00	574	95.00	55112	148.00	73
47.00	669	72.00	342	96.00	3884	155.00	156
48.00	348	73.00	2466	97.00	239	157.00	92
49.00	2763	74.00	9778	104.00	267	165.00	572
50.00	12340	75.00	28800	105.00	75	166.00	577
51.00	3745	76.00	2340	106.00	280	173.00	366
52.00	69	77.00	416	115.00	184	174.00	38424
55.00	100	78.00	163	116.00	146	175.00	2814
56.00	997	79.00	2001	117.00	363	176.00	37784
57.00	1935	80.00	525	118.00	262	177.00	2641
60.00	529	81.00	2068	119.00	268		

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53510.d
Report Date: 19-Mar-2013 17:02

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53510.d
Lab Smp Id: BFB
Inj Date : 19-MAR-2013 16:53
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto 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

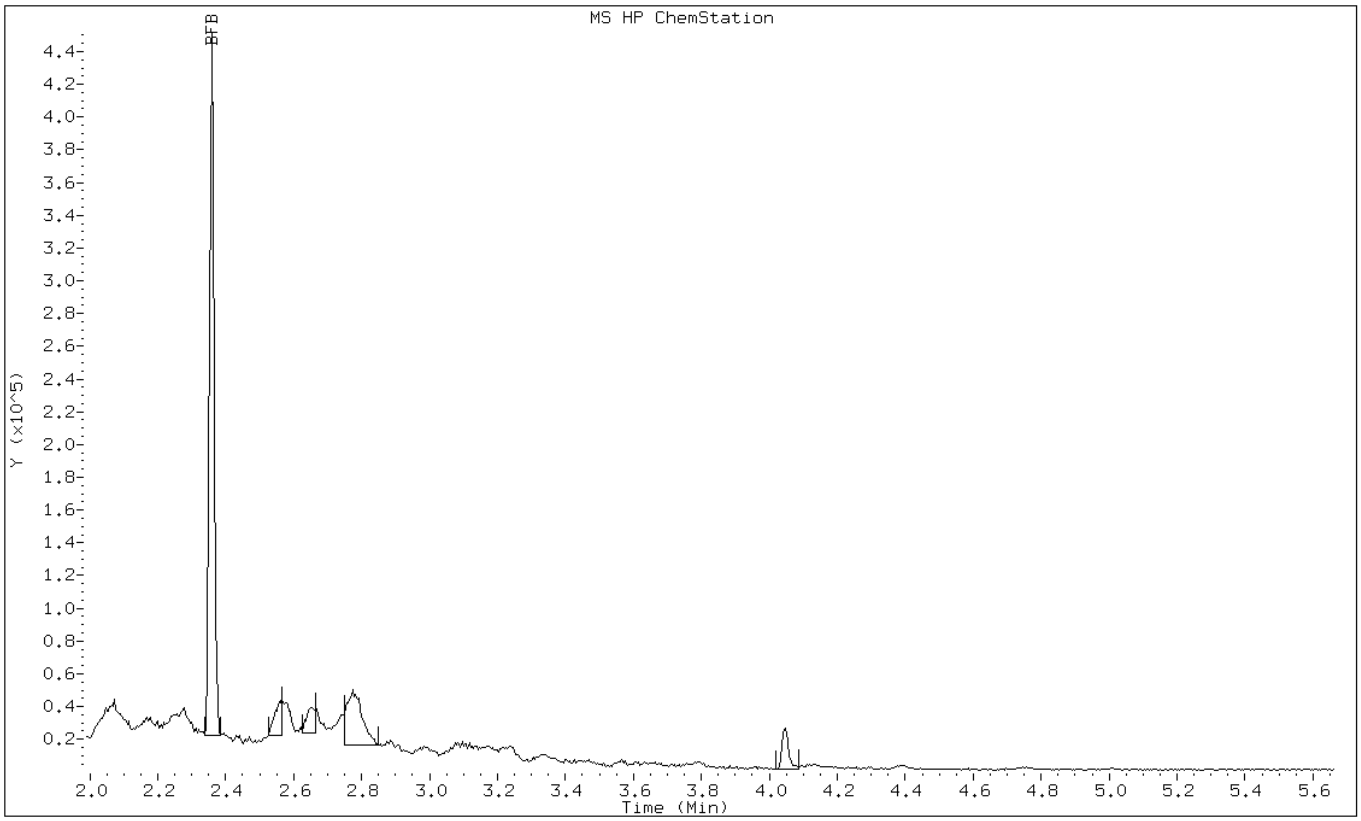
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.359	2.200 (0.000)	95	76528			0.00- 100.00	100.00
2.359	2.200 (0.000)	50	17904			15.00- 40.00	23.40
2.359	2.200 (0.000)	75	40552			30.00- 60.00	52.99
2.359	2.200 (0.000)	96	5503			5.00- 9.00	7.19
2.359	2.200 (0.000)	173	678			0.00- 2.00	1.24
2.359	2.200 (0.000)	174	54760			50.00- 100.00	71.56
2.359	2.200 (0.000)	175	3983			5.00- 9.00	7.27
2.359	2.200 (0.000)	176	52304			95.00- 101.00	95.51
2.359	2.200 (0.000)	177	3675			5.00- 9.00	7.03

Data File: b53510.d

Date: 19-MAR-2013 16:53

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1



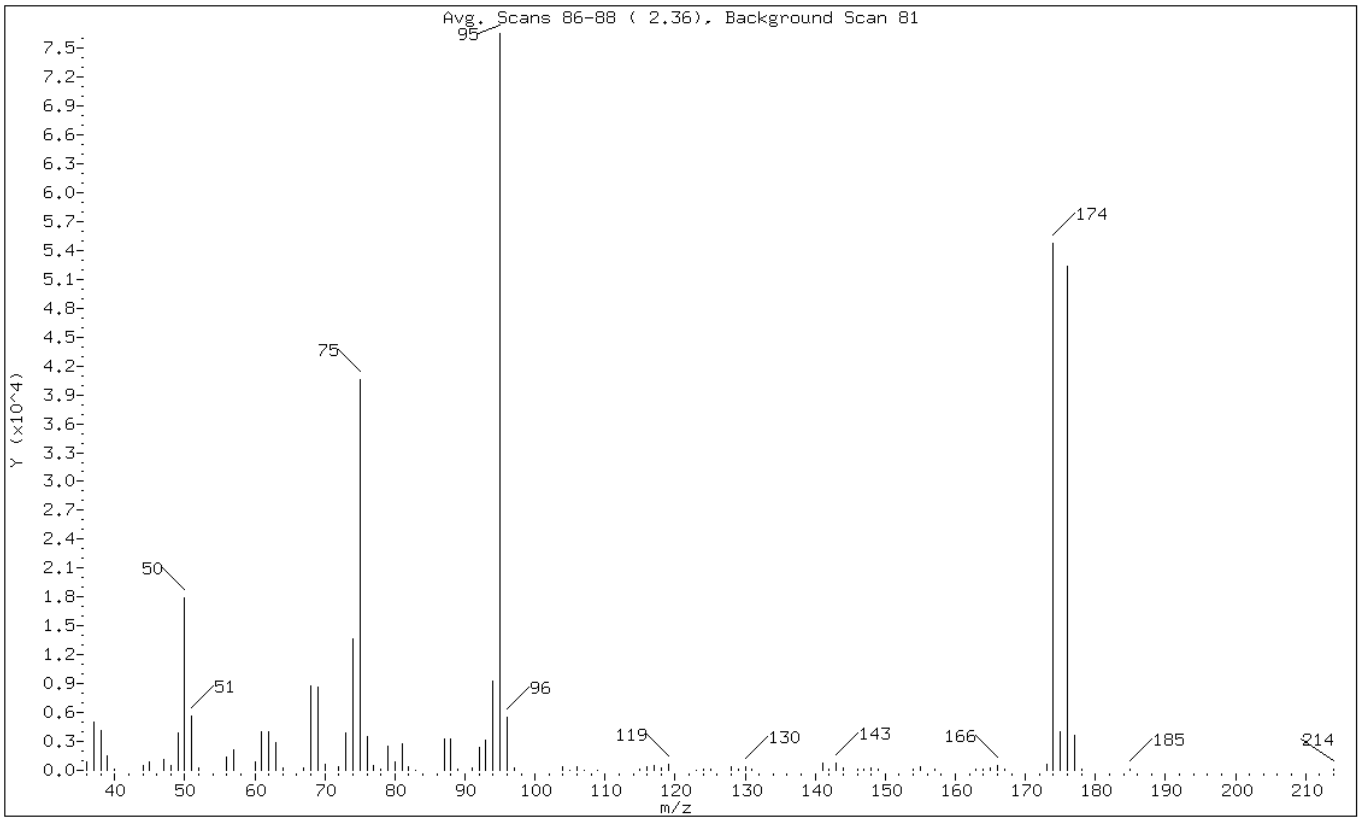
Data File: b53510.d

Date: 19-MAR-2013 16:53

Client ID: Instrument: VOAMS2.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	23.40
75	30.00 - 60.00% of mass 95	52.99
96	5.00 - 9.00% of mass 95	7.19
173	Less than 2.00% of mass 174	0.89 (1.24)
174	50.00 - 100.00% of mass 95	71.56
175	5.00 - 9.00% of mass 174	5.20 (7.27)
176	95.00 - 101.00% of mass 174	68.35 (95.51)
177	5.00 - 9.00% of mass 176	4.80 (7.03)

Data File: b53510.d

Date: 19-MAR-2013 16:53

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53510.d
Spectrum: Avg. Scans 86-88 (2.36), Background Scan 81
Location of Maximum: 95.00
Number of points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	823	69.00	8645	96.00	5503	144.00	219
37.00	5007	70.00	620	97.00	210	146.00	86
38.00	4138	72.00	418	104.00	388	147.00	68
39.00	1489	73.00	3923	105.00	58	148.00	212
40.00	92	74.00	13690	106.00	407	149.00	98
44.00	505	75.00	40552	107.00	37	154.00	168
45.00	909	76.00	3472	109.00	58	155.00	346
47.00	1146	77.00	560	115.00	187	157.00	120
48.00	495	78.00	156	116.00	335	163.00	68
49.00	3902	79.00	2452	117.00	559	164.00	136
50.00	17904	80.00	861	118.00	272	165.00	248
51.00	5593	81.00	2815	119.00	588	166.00	554
52.00	248	82.00	412	123.00	22	167.00	82
56.00	1323	83.00	41	124.00	86	173.00	678
57.00	2094	87.00	3312	125.00	66	174.00	54760
60.00	843	88.00	3297	128.00	343	175.00	3983
61.00	3969	89.00	73	129.00	71	176.00	52304
62.00	3971	91.00	217	130.00	417	177.00	3675
63.00	2888	92.00	2385	131.00	107	178.00	69
64.00	280	93.00	3083	141.00	728	185.00	79
67.00	197	94.00	9251	142.00	70	214.00	67
68.00	8784	95.00	76528	143.00	804		

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53538.d
Report Date: 20-Mar-2013 03:54

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53538.d
Lab Smp Id: BFB
Inj Date : 20-MAR-2013 03:46
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto 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

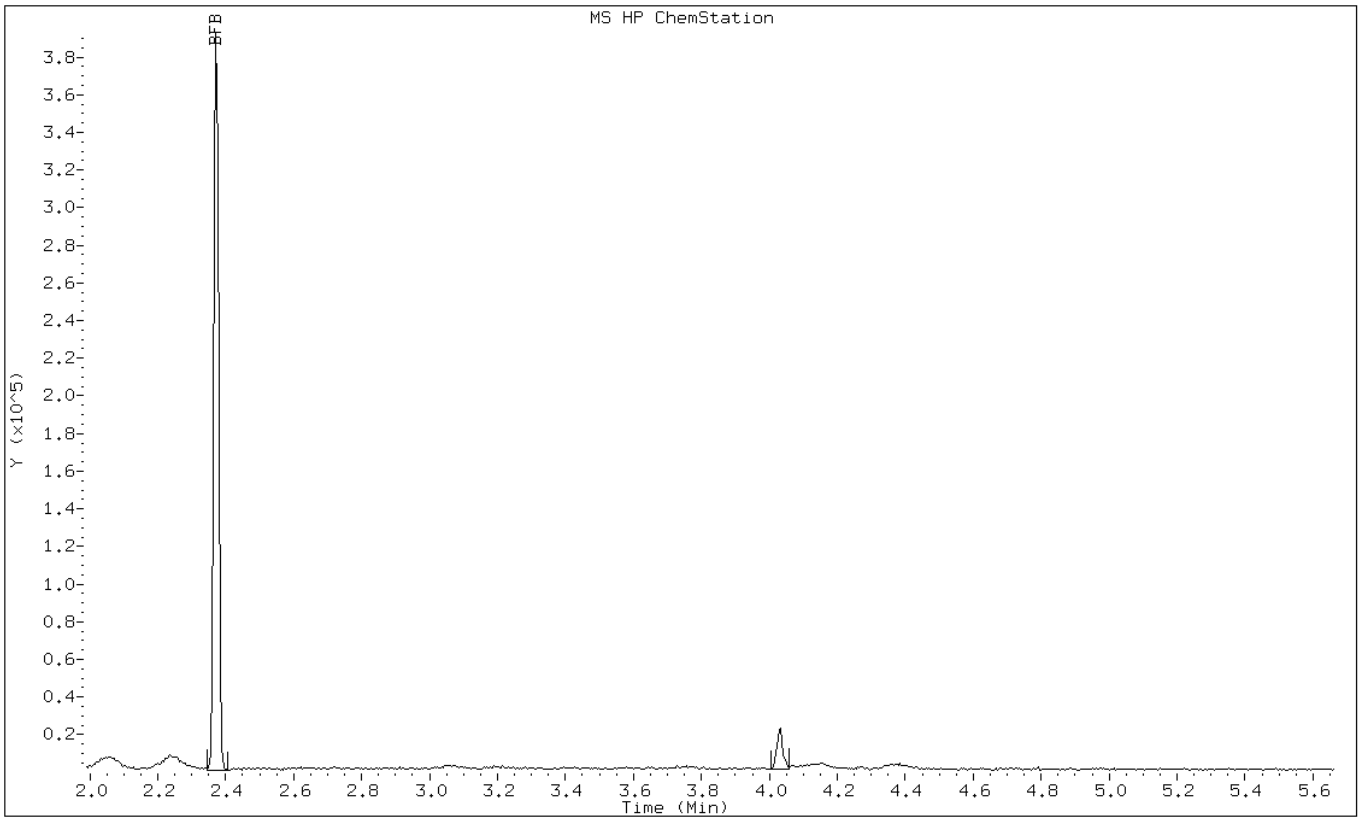
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.372	2.200 (0.000)	95	71440			0.00- 100.00	100.00
2.372	2.200 (0.000)	50	15651			15.00- 40.00	21.91
2.372	2.200 (0.000)	75	37040			30.00- 60.00	51.85
2.372	2.200 (0.000)	96	4843			5.00- 9.00	6.78
2.372	2.200 (0.000)	173	570			0.00- 2.00	1.10
2.372	2.200 (0.000)	174	51880			50.00- 100.00	72.62
2.372	2.200 (0.000)	175	3840			5.00- 9.00	7.40
2.372	2.200 (0.000)	176	49488			95.00- 101.00	95.39
2.372	2.200 (0.000)	177	3217			5.00- 9.00	6.50

Data File: b53538.d

Date: 20-MAR-2013 03:46

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1



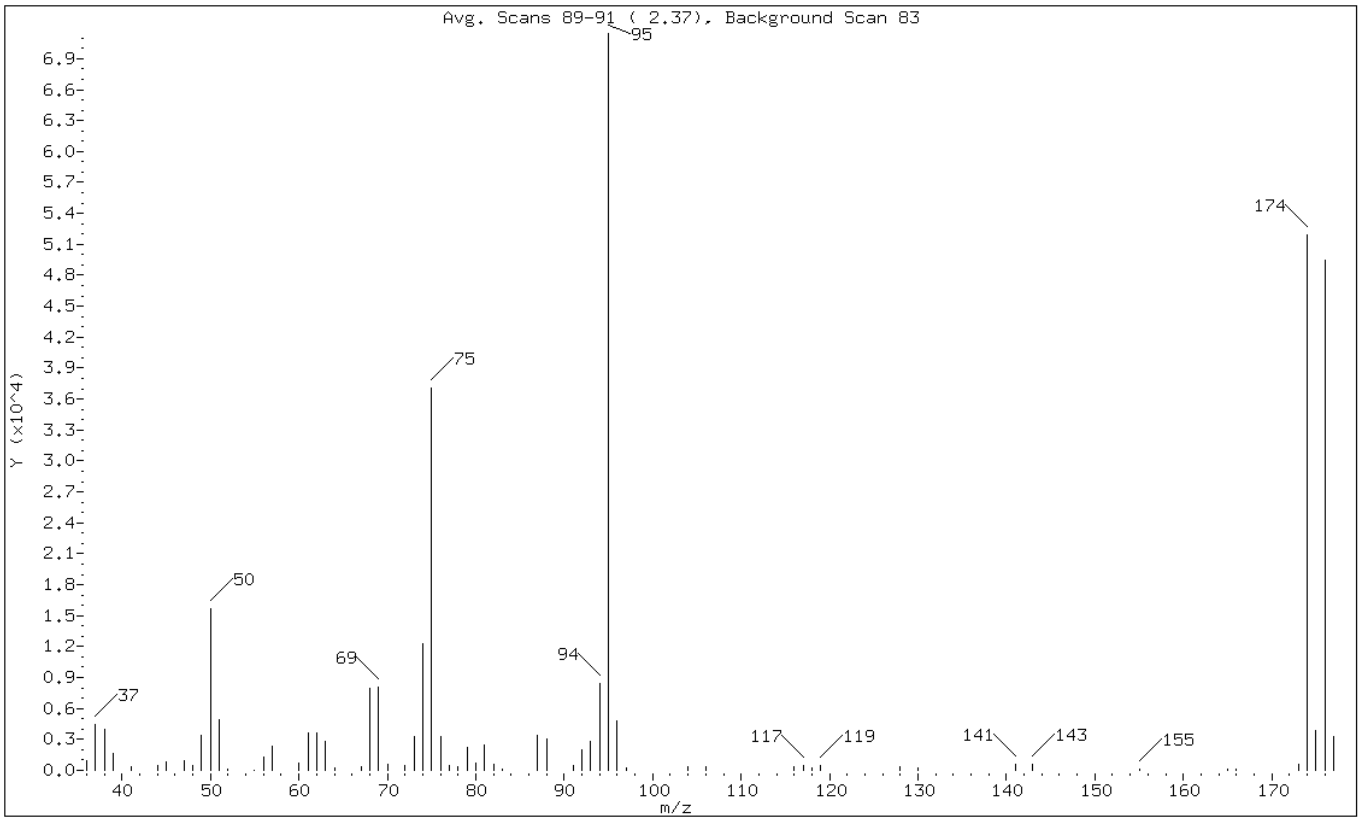
Data File: b53538.d

Date: 20-MAR-2013 03:46

Client ID: Instrument: VOAMS2.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	21.91
75	30.00 - 60.00% of mass 95	51.85
96	5.00 - 9.00% of mass 95	6.78
173	Less than 2.00% of mass 174	0.80 (1.10)
174	50.00 - 100.00% of mass 95	72.62
175	5.00 - 9.00% of mass 174	5.38 (7.40)
176	95.00 - 101.00% of mass 174	69.27 (95.39)
177	5.00 - 9.00% of mass 176	4.50 (6.50)

Data File: b53538.d

Date: 20-MAR-2013 03:46

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53538.d
Spectrum: Avg. Scans 89-91 (2.37), Background Scan 83
Location of Maximum: 95.00
Number of points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	933	61.00	3590	81.00	2456	119.00	458
37.00	4444	62.00	3584	82.00	565	128.00	319
38.00	3991	63.00	2857	83.00	80	130.00	249
39.00	1667	64.00	252	87.00	3423	141.00	591
41.00	301	67.00	382	88.00	3075	143.00	588
44.00	445	68.00	7990	91.00	426	155.00	88
45.00	781	69.00	8121	92.00	1977	165.00	77
47.00	916	70.00	639	93.00	2850	166.00	82
48.00	488	72.00	454	94.00	8429	173.00	570
49.00	3354	73.00	3294	95.00	71440	174.00	51880
50.00	15651	74.00	12292	96.00	4843	175.00	3840
51.00	4872	75.00	37040	97.00	257	176.00	49488
52.00	121	76.00	3281	104.00	314	177.00	3217
55.00	49	77.00	456	106.00	336		
56.00	1256	78.00	296	116.00	334		
57.00	2309	79.00	2260	117.00	421		
60.00	717	80.00	688	118.00	190		

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53597.d
Report Date: 21-Mar-2013 03:48

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53597.d
Lab Smp Id: BFB
Inj Date : 21-MAR-2013 03:40
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto 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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.376	2.200 (0.000)	95	65176			0.00- 100.00	100.00
2.376	2.200 (0.000)	50	14308			15.00- 40.00	21.95
2.376	2.200 (0.000)	75	33400			30.00- 60.00	51.25
2.376	2.200 (0.000)	96	4606			5.00- 9.00	7.07
2.376	2.200 (0.000)	173	674			0.00- 2.00	1.42
2.376	2.200 (0.000)	174	47408			50.00- 100.00	72.74
2.376	2.200 (0.000)	175	3517			5.00- 9.00	7.42
2.376	2.200 (0.000)	176	47328			95.00- 101.00	99.83
2.376	2.200 (0.000)	177	3327			5.00- 9.00	7.03

Data File: b53597.d

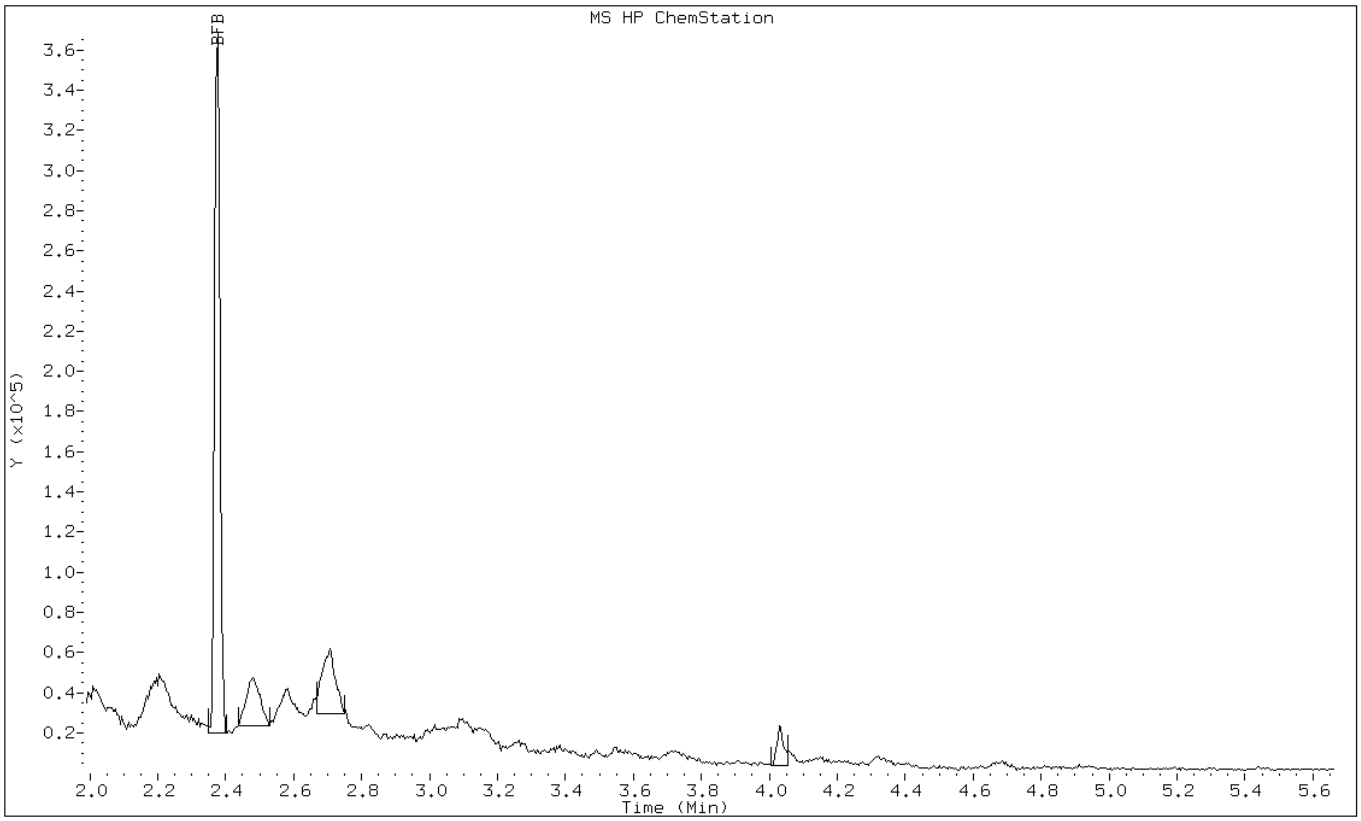
Date: 21-MAR-2013 03:40

Client ID:

Instrument: VOAMS2.i

Sample Info: BFB

Operator: VOAMS 1



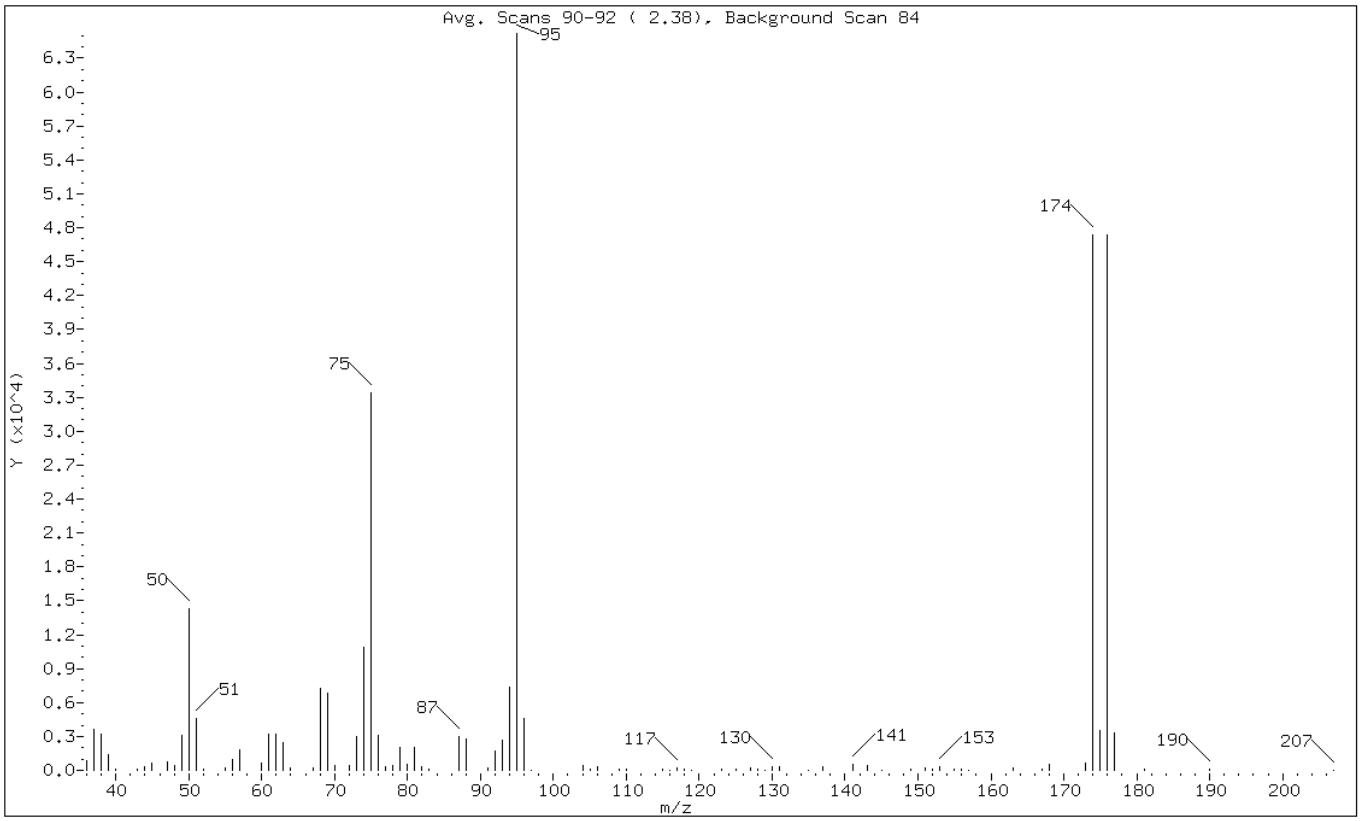
Data File: b53597.d

Date: 21-MAR-2013 03:40

Client ID: Instrument: VOAMS2.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	21.95
75	30.00 - 60.00% of mass 95	51.25
96	5.00 - 9.00% of mass 95	7.07
173	Less than 2.00% of mass 174	1.03 (1.42)
174	50.00 - 100.00% of mass 95	72.74
175	5.00 - 9.00% of mass 174	5.40 (7.42)
176	95.00 - 101.00% of mass 174	72.62 (99.83)
177	5.00 - 9.00% of mass 176	5.10 (7.03)

Data File: b53597.d

Date: 21-MAR-2013 03:40

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53597.d
Spectrum: Avg. Scans 90-92 (2.38), Background Scan 84
Location of Maximum: 95.00
Number of points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	846	67.00	164	95.00	65176	141.00	492
37.00	3680	68.00	7294	96.00	4606	143.00	441
38.00	3222	69.00	6819	97.00	32	145.00	52
39.00	1365	70.00	419	104.00	426	149.00	80
40.00	135	72.00	446	105.00	69	151.00	165
43.00	93	73.00	2972	106.00	353	152.00	150
44.00	373	74.00	10933	109.00	74	153.00	304
45.00	680	75.00	33400	110.00	155	155.00	72
47.00	758	76.00	3060	115.00	94	156.00	80
48.00	461	77.00	357	116.00	53	157.00	25
49.00	3077	78.00	394	117.00	209	163.00	170
50.00	14308	79.00	1984	118.00	157	167.00	152
51.00	4587	80.00	535	119.00	5	168.00	483
52.00	156	81.00	2025	123.00	96	173.00	674
55.00	206	82.00	337	125.00	73	174.00	47408
56.00	941	83.00	145	127.00	182	175.00	3517
57.00	1788	87.00	3017	128.00	143	176.00	47328
60.00	668	88.00	2791	129.00	27	177.00	3327
61.00	3207	91.00	175	130.00	337	181.00	71
62.00	3182	92.00	1691	131.00	299	190.00	81
63.00	2410	93.00	2638	135.00	4	207.00	2
64.00	248	94.00	7310	137.00	272		

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53627.d
Report Date: 21-Mar-2013 23:02

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53627.d
Lab Smp Id: BFB
Inj Date : 21-MAR-2013 22:52
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto 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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.368	2.200 (0.000)	95	93597			0.00- 100.00	100.00
2.368	2.200 (0.000)	50	20431			15.00- 40.00	21.83
2.368	2.200 (0.000)	75	46597			30.00- 60.00	49.78
2.368	2.200 (0.000)	96	6433			5.00- 9.00	6.87
2.368	2.200 (0.000)	173	546			0.00- 2.00	0.79
2.368	2.200 (0.000)	174	69410			50.00- 100.00	74.16
2.368	2.200 (0.000)	175	5101			5.00- 9.00	7.35
2.368	2.200 (0.000)	176	68565			95.00- 101.00	98.78
2.368	2.200 (0.000)	177	4655			5.00- 9.00	6.79

Data File: b53627.d

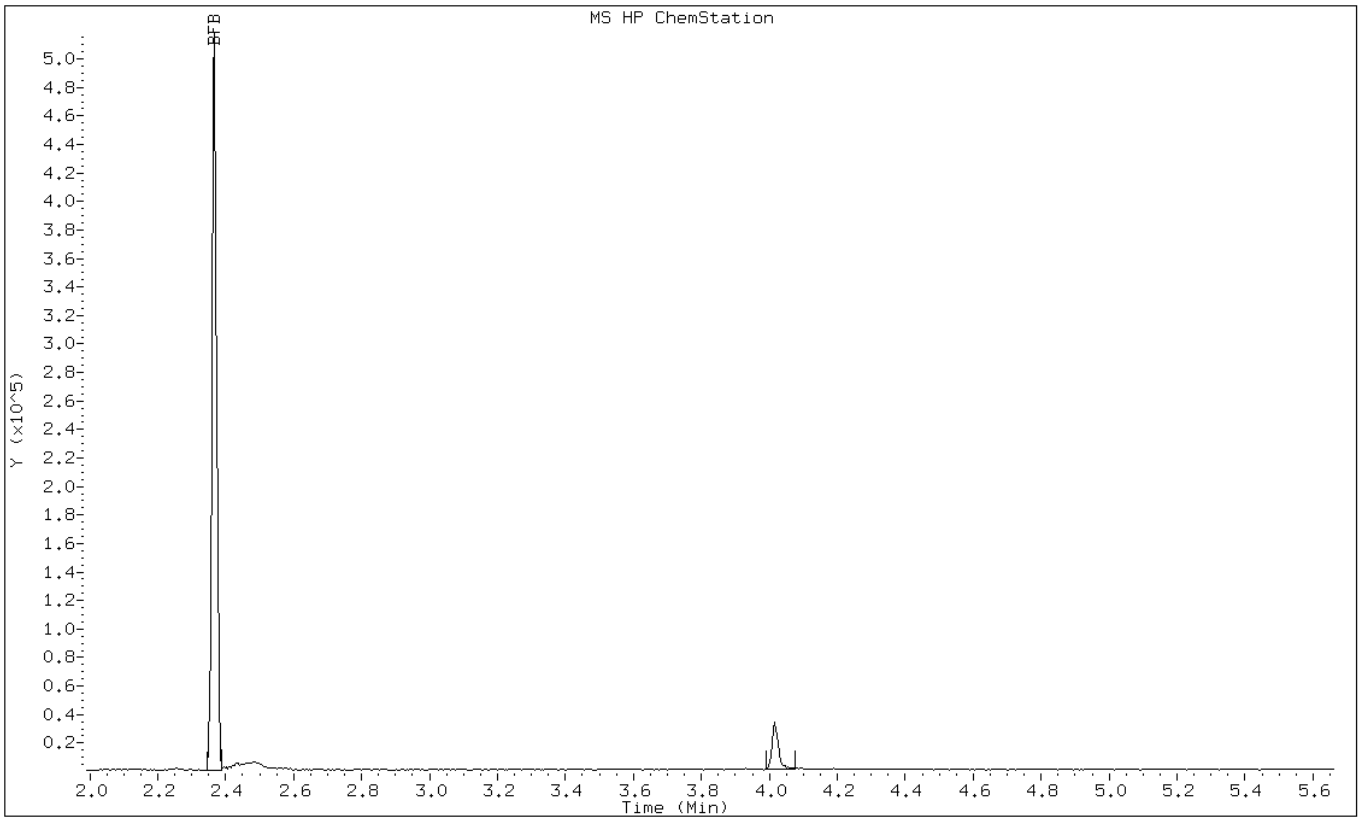
Date: 21-MAR-2013 22:52

Client ID:

Instrument: VOAMS2.i

Sample Info: BFB

Operator: VOAMS 1



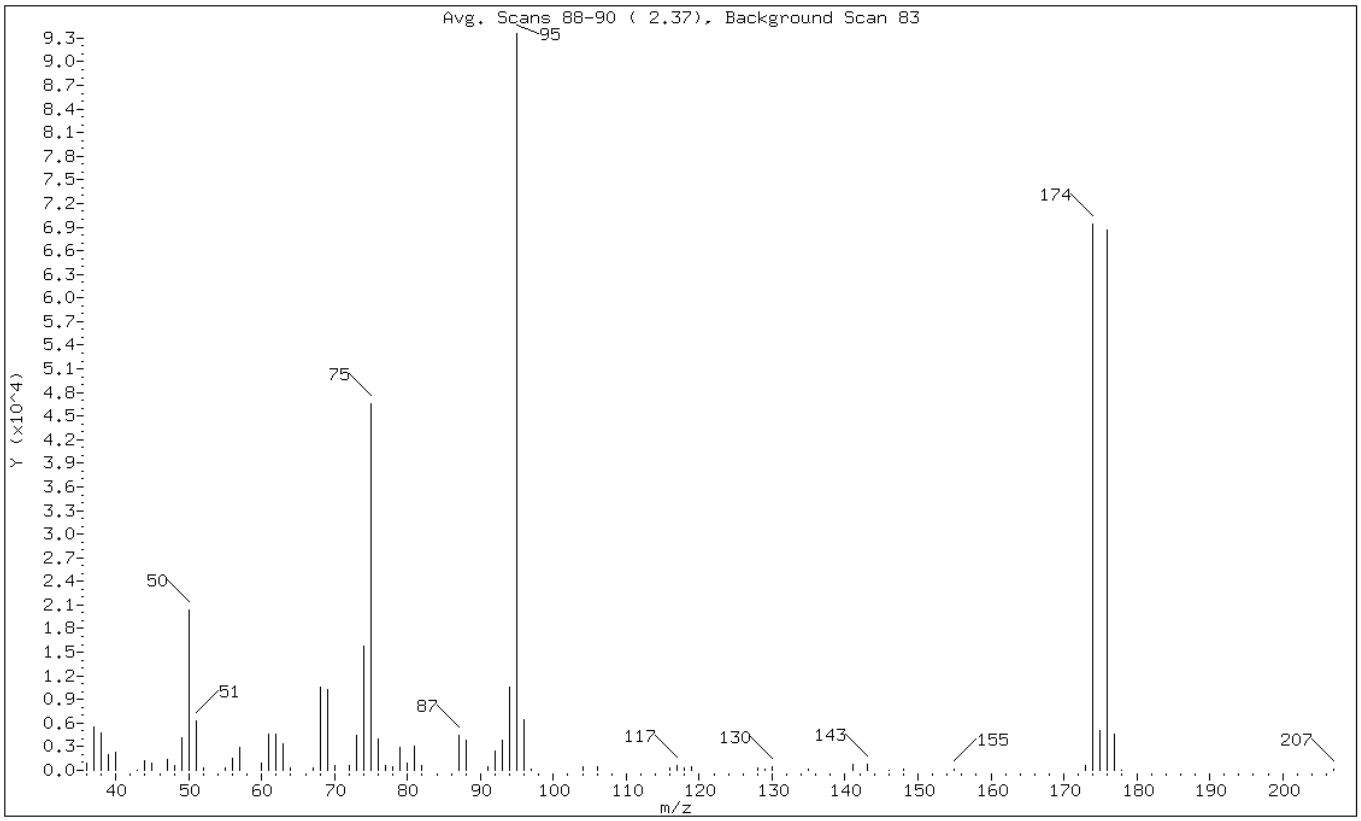
Data File: b53627.d

Date: 21-MAR-2013 22:52

Client ID: Instrument: VOAMS2.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	21.83
75	30.00 - 60.00% of mass 95	49.78
96	5.00 - 9.00% of mass 95	6.87
173	Less than 2.00% of mass 174	0.58 (0.79)
174	50.00 - 100.00% of mass 95	74.16
175	5.00 - 9.00% of mass 174	5.45 (7.35)
176	95.00 - 101.00% of mass 174	73.26 (98.78)
177	5.00 - 9.00% of mass 176	4.97 (6.79)

Data File: b53627.d

Date: 21-MAR-2013 22:52

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53627.d
Spectrum: Avg. Scans 88-90 (2.37), Background Scan 83
Location of Maximum: 95.00
Number of points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	978	61.00	4659	82.00	651	130.00	416
37.00	5513	62.00	4594	87.00	4405	135.00	144
38.00	4735	63.00	3404	88.00	3831	141.00	742
39.00	1968	64.00	371	91.00	384	143.00	749
40.00	2306	67.00	300	92.00	2416	146.00	71
43.00	69	68.00	10533	93.00	3803	148.00	90
44.00	1226	69.00	10218	94.00	10507	155.00	80
45.00	941	70.00	654	95.00	93592	173.00	546
47.00	1360	72.00	548	96.00	6433	174.00	69408
48.00	603	73.00	4420	97.00	211	175.00	5101
49.00	4180	74.00	15809	104.00	485	176.00	68560
50.00	20424	75.00	46592	106.00	440	177.00	4655
51.00	6341	76.00	3976	116.00	286	178.00	76
52.00	251	77.00	562	117.00	603	207.00	166
55.00	335	78.00	429	118.00	332		
56.00	1559	79.00	2981	119.00	457		
57.00	2880	80.00	873	128.00	337		
60.00	987	81.00	3049	129.00	155		

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53763.d
Report Date: 25-Mar-2013 03:31

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53763.d
Lab Smp Id: BFB
Inj Date : 25-MAR-2013 03:18
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto 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

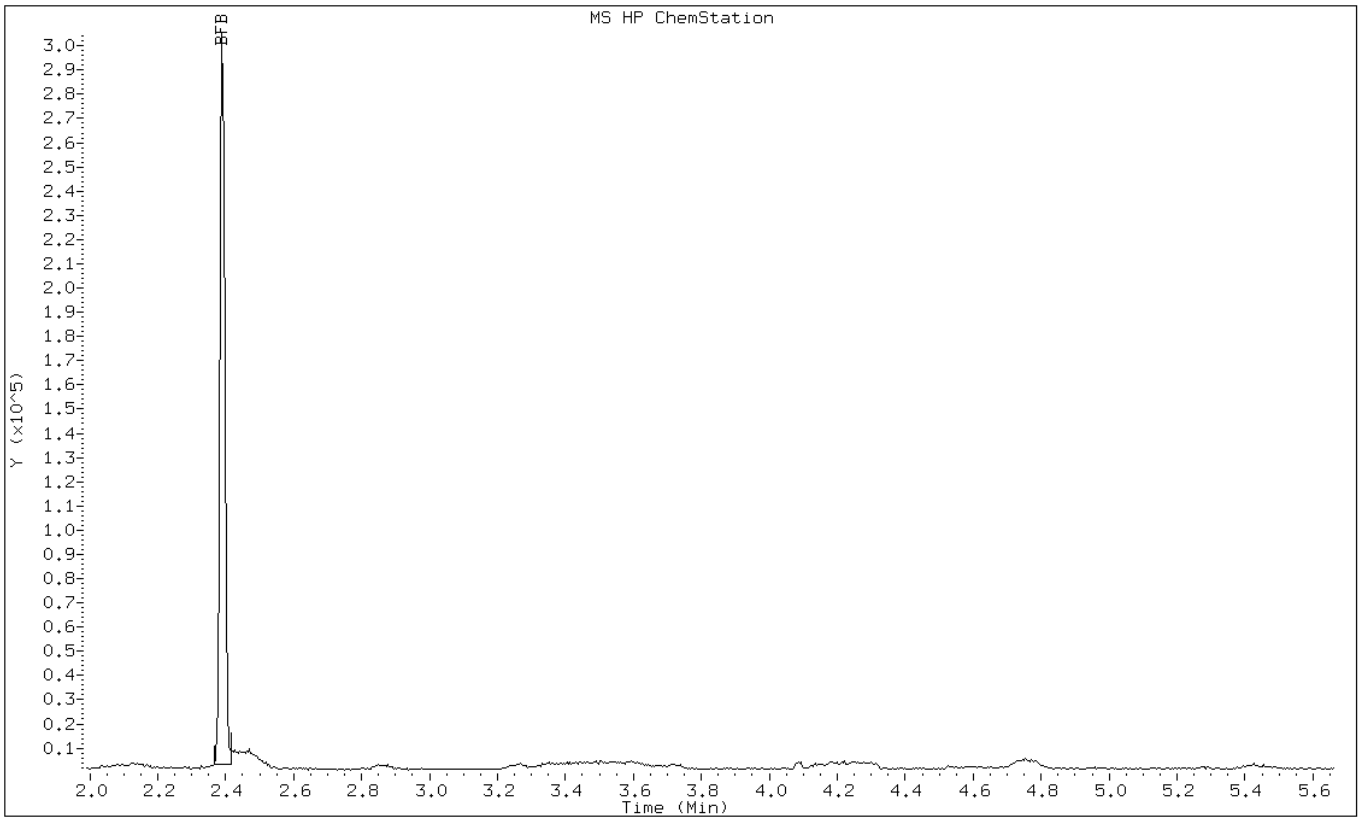
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.389	2.200 (0.000)	95	55152			0.00- 100.00	100.00
2.389	2.200 (0.000)	50	11771			15.00- 40.00	21.34
2.389	2.200 (0.000)	75	27192			30.00- 60.00	49.30
2.389	2.200 (0.000)	96	3755			5.00- 9.00	6.81
2.389	2.200 (0.000)	173	369			0.00- 2.00	0.87
2.389	2.200 (0.000)	174	42480			50.00- 100.00	77.02
2.389	2.200 (0.000)	175	3001			5.00- 9.00	7.06
2.389	2.200 (0.000)	176	40664			95.00- 101.00	95.73
2.389	2.200 (0.000)	177	3057			5.00- 9.00	7.52

Data File: b53763.d

Date: 25-MAR-2013 03:18

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1



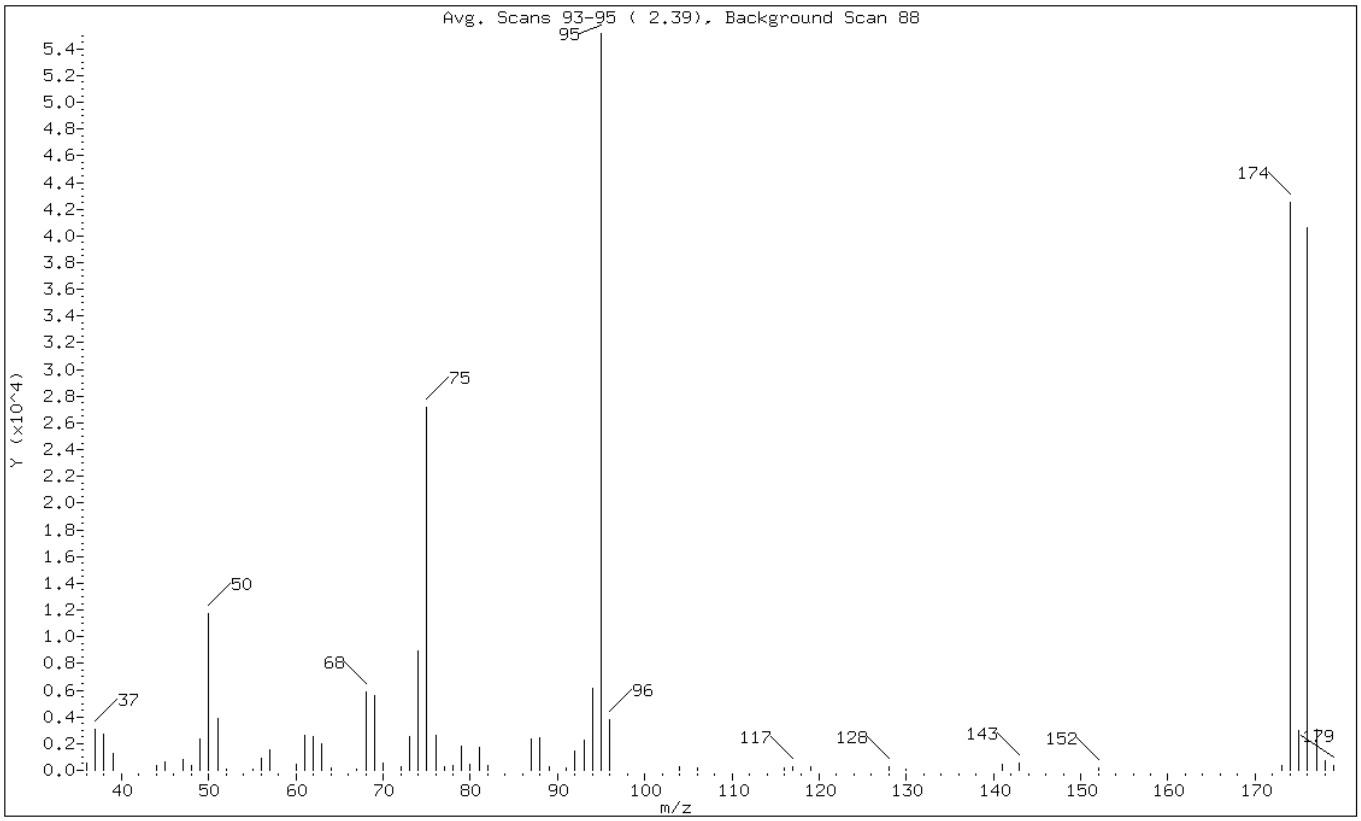
Data File: b53763.d

Date: 25-MAR-2013 03:18

Client ID: Instrument: VOAMS2.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	21.34
75	30.00 - 60.00% of mass 95	49.30
96	5.00 - 9.00% of mass 95	6.81
173	Less than 2.00% of mass 174	0.67 (0.87)
174	50.00 - 100.00% of mass 95	77.02
175	5.00 - 9.00% of mass 174	5.44 (7.06)
176	95.00 - 101.00% of mass 174	73.73 (95.73)
177	5.00 - 9.00% of mass 176	5.54 (7.52)

Data File: b53763.d

Date: 25-MAR-2013 03:18

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53763.d
Spectrum: Avg. Scans 93-95 (2.39), Background Scan 88
Location of Maximum: 95.00
Number of points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	555	61.00	2625	80.00	451	119.00	297
37.00	3038	62.00	2486	81.00	1694	128.00	276
38.00	2734	63.00	1978	82.00	373	130.00	69
39.00	1222	64.00	161	87.00	2303	141.00	469
44.00	317	67.00	75	88.00	2481	143.00	510
45.00	644	68.00	5884	89.00	266	152.00	151
47.00	792	69.00	5631	91.00	160	173.00	369
48.00	347	70.00	524	92.00	1419	174.00	42480
49.00	2373	72.00	285	93.00	2250	175.00	3001
50.00	11771	73.00	2487	94.00	6118	176.00	40664
51.00	3851	74.00	8912	95.00	55152	177.00	3057
52.00	70	75.00	27192	96.00	3755	178.00	718
55.00	80	76.00	2606	104.00	246	179.00	332
56.00	912	77.00	307	106.00	166		
57.00	1570	78.00	318	116.00	142		
60.00	438	79.00	1847	117.00	307		

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30776.d
Report Date: 22-Mar-2013 08:49

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30776.d
Lab Smp Id: BFB
Inj Date : 22-MAR-2013 06:47
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.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

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT (REL RT)	MASS	RESPONSE				
1 BFB					CAS #: 460-00-4		
1.997	2.000 (0.000)	95	11321			0.00- 100.00	100.00
1.997	2.000 (0.000)	50	1852			15.00- 40.00	16.36
1.997	2.000 (0.000)	75	5247			30.00- 60.00	46.35
1.997	2.000 (0.000)	96	806			5.00- 9.00	7.12
1.997	2.000 (0.000)	173	0			0.00- 2.00	0.00
1.997	2.000 (0.000)	174	10778			50.00- 100.00	95.20
1.997	2.000 (0.000)	175	825			5.00- 9.00	7.65
1.997	2.000 (0.000)	176	10364			95.00- 101.00	96.16
1.997	2.000 (0.000)	177	690			5.00- 9.00	6.66

Data File: d30776.d

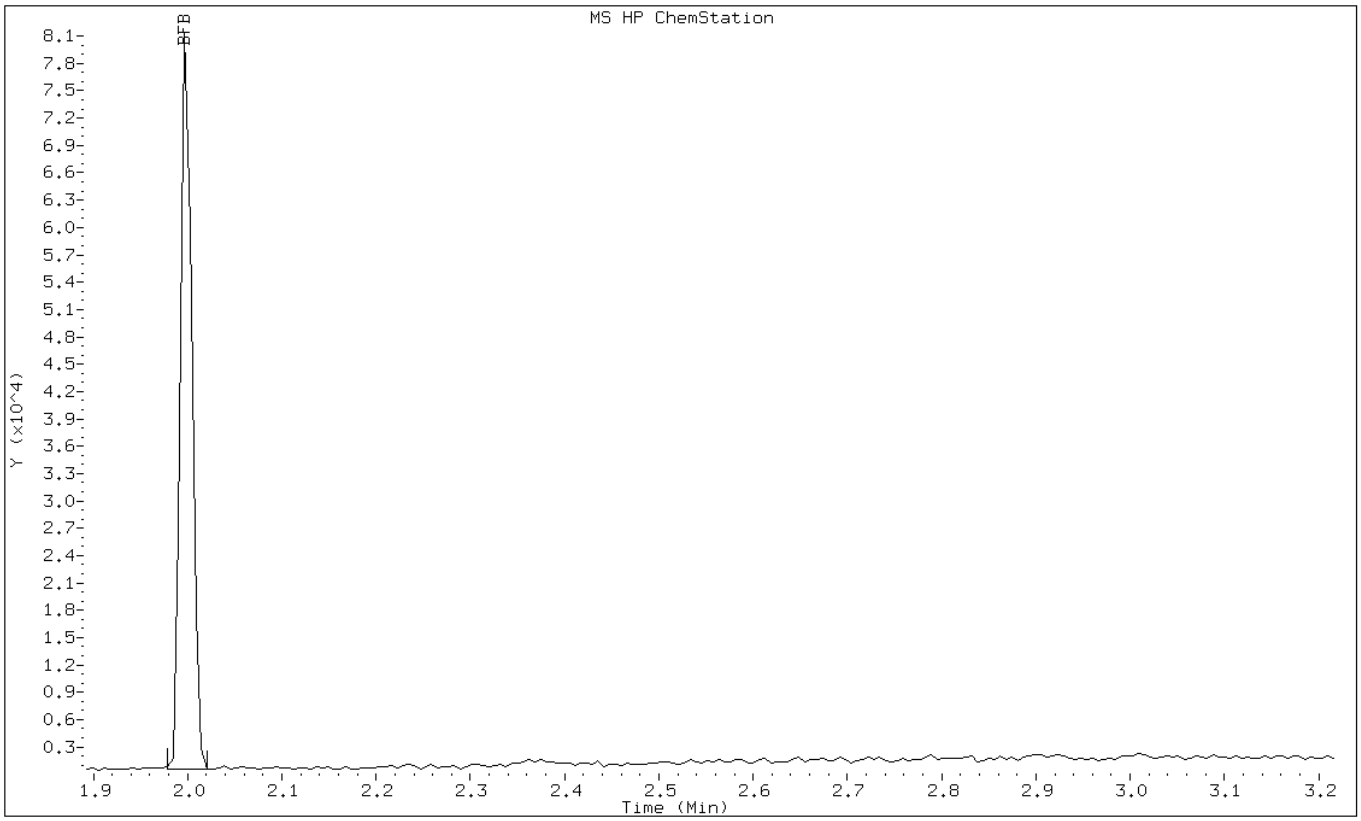
Date: 22-MAR-2013 06:47

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



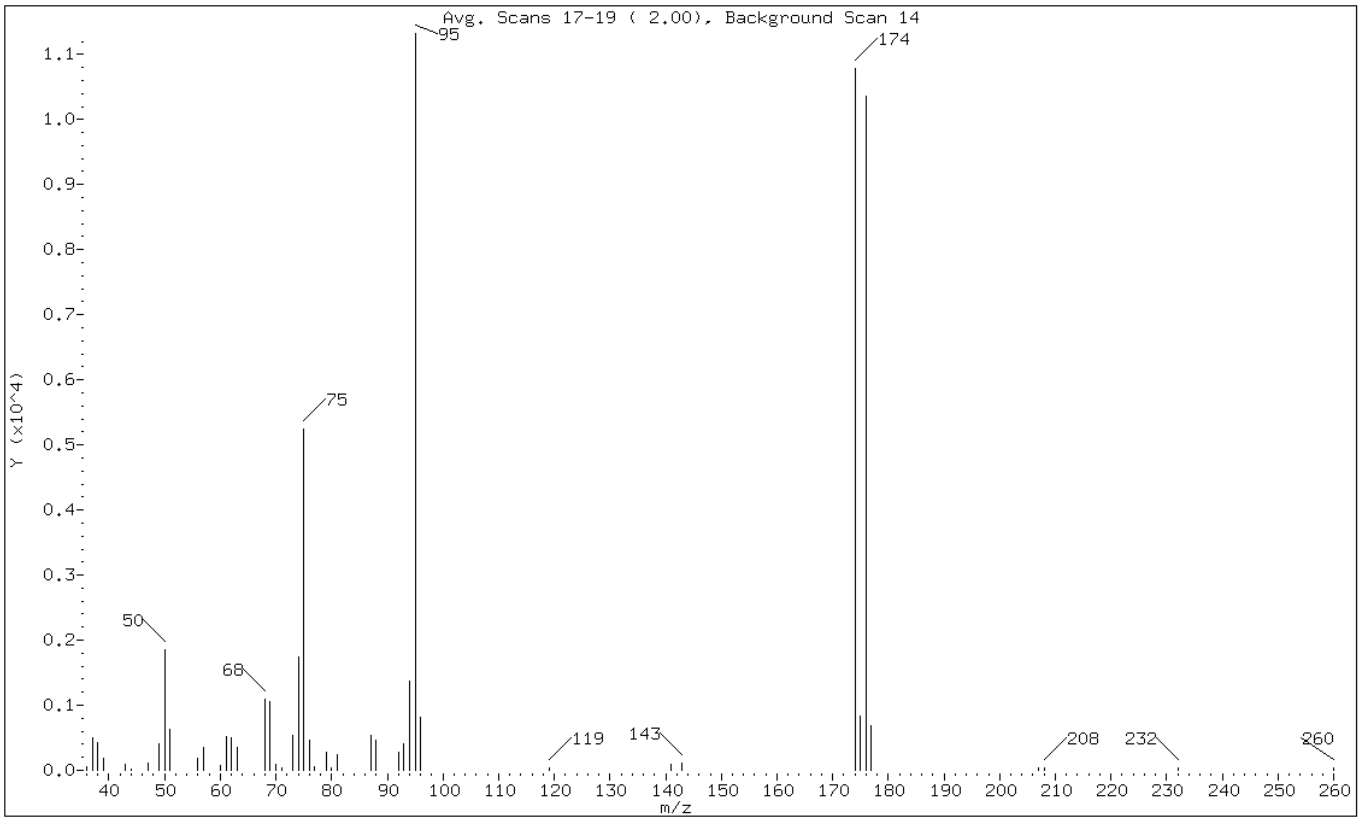
Data File: d30776.d

Date: 22-MAR-2013 06:47

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	16.36
75	30.00 - 60.00% of mass 95	46.35
96	5.00 - 9.00% of mass 95	7.12
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	95.20
175	5.00 - 9.00% of mass 174	7.29 (7.65)
176	95.00 - 101.00% of mass 174	91.55 (96.16)
177	5.00 - 9.00% of mass 176	6.09 (6.66)

Data File: d30776.d

Date: 22-MAR-2013 06:47

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30776.d
Spectrum: Avg. Scans 17-19 (2.00), Background Scan 14
Location of Maximum: 95.00
Number of points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	56	60.00	78	77.00	52	141.00	86
37.00	498	61.00	516	79.00	287	143.00	111
38.00	421	62.00	492	80.00	39	174.00	10778
39.00	191	63.00	359	81.00	244	175.00	825
43.00	95	68.00	1088	87.00	534	176.00	10364
44.00	12	69.00	1056	88.00	454	177.00	690
47.00	111	70.00	85	92.00	270	207.00	29
49.00	409	71.00	34	93.00	409	208.00	37
50.00	1852	73.00	536	94.00	1373	232.00	36
51.00	631	74.00	1738	95.00	11321	260.00	44
56.00	188	75.00	5247	96.00	806		
57.00	361	76.00	456	119.00	36		

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30806.d
Report Date: 22-Mar-2013 19:06

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30806.d
Lab Smp Id: BFB
Inj Date : 22-MAR-2013 19:23
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
1.984	2.000 (0.000)	95	26976			0.00- 100.00	100.00
1.984	2.000 (0.000)	50	4865			15.00- 40.00	18.03
1.984	2.000 (0.000)	75	12822			30.00- 60.00	47.53
1.984	2.000 (0.000)	96	1947			5.00- 9.00	7.22
1.984	2.000 (0.000)	173	0			0.00- 2.00	0.00
1.984	2.000 (0.000)	174	19968			50.00- 100.00	74.02
1.984	2.000 (0.000)	175	1513			5.00- 9.00	7.58
1.984	2.000 (0.000)	176	19352			95.00- 101.00	96.92
1.984	2.000 (0.000)	177	1396			5.00- 9.00	7.21

Data File: d30806.d

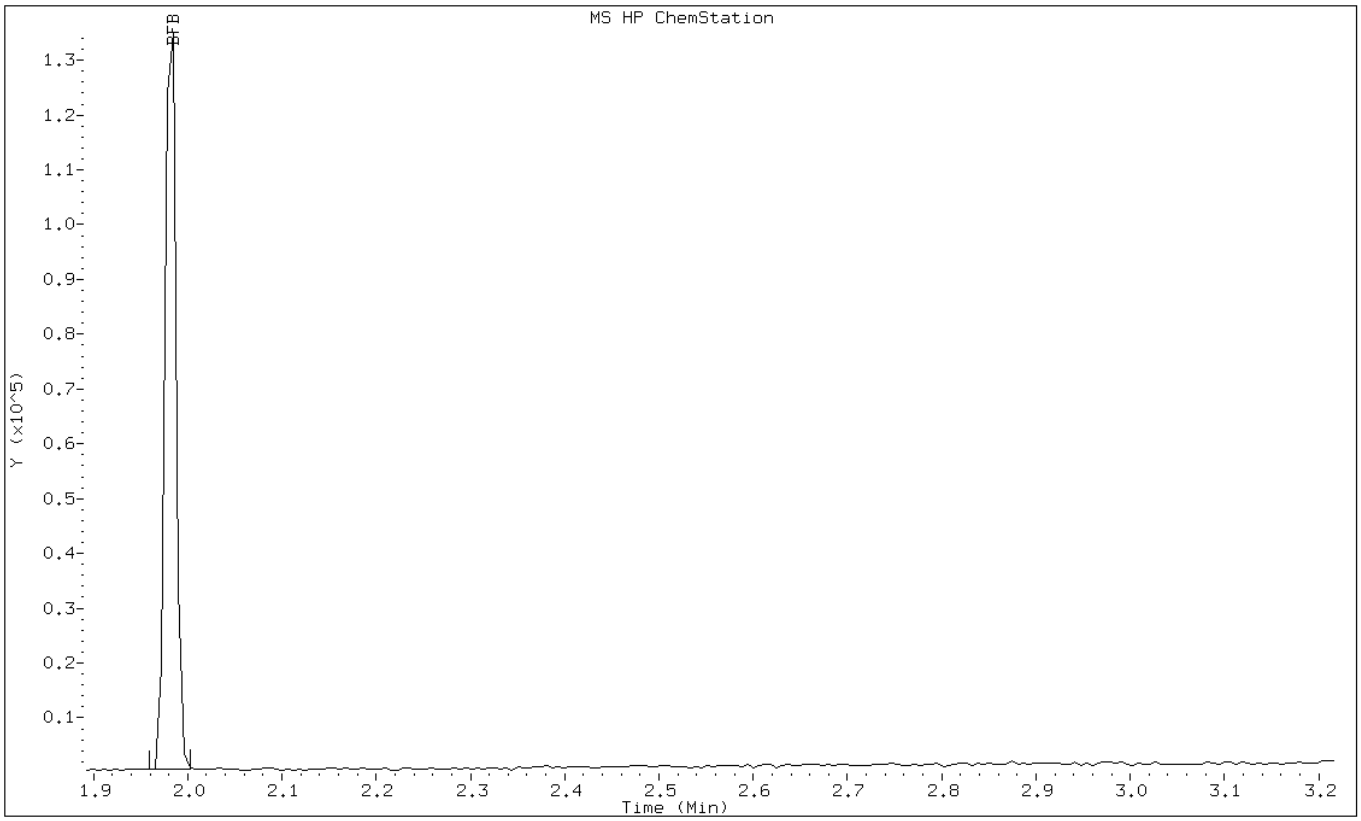
Date: 22-MAR-2013 19:23

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



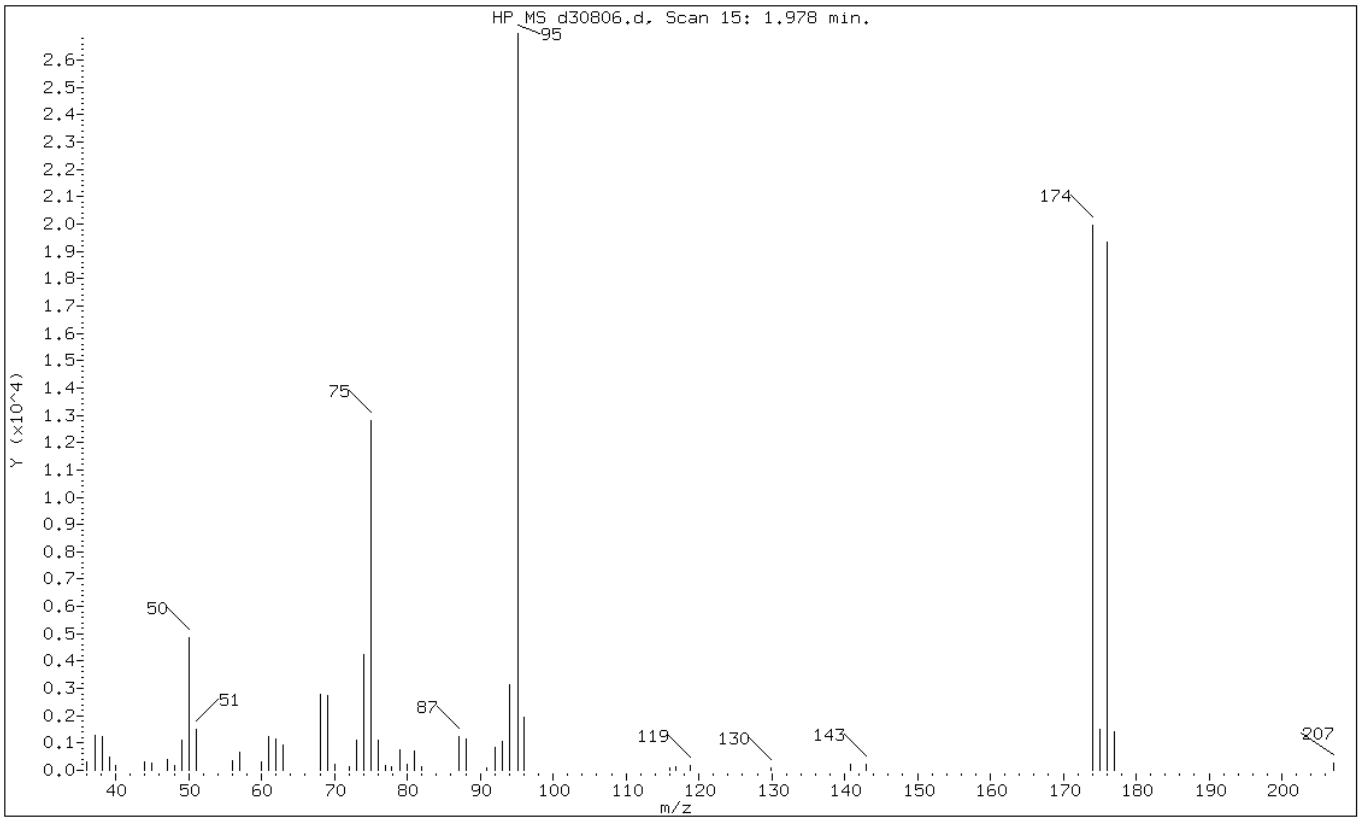
Data File: d30806.d

Date: 22-MAR-2013 19:23

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	18.03
75	30.00 - 60.00% of mass 95	47.53
96	5.00 - 9.00% of mass 95	7.22
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	74.02
175	5.00 - 9.00% of mass 174	5.61 (7.58)
176	95.00 - 101.00% of mass 174	71.74 (96.92)
177	5.00 - 9.00% of mass 176	5.17 (7.21)

Data File: d30806.d

Date: 22-MAR-2013 19:23

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30806.d
Spectrum: HP MS d30806.d, Scan 15: 1.978 min.
Location of Maximum: 95.10
Number of points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	288	57.00	667	77.00	193	96.00	1947
37.10	1264	60.00	289	77.90	135	116.00	103
38.10	1215	61.00	1254	78.90	739	116.90	151
39.10	493	62.00	1156	80.00	208	118.90	160
40.00	174	63.00	909	81.00	700	129.90	100
43.90	287	68.00	2760	82.00	125	140.80	213
45.00	269	69.00	2752	87.00	1225	142.90	214
47.10	376	70.00	219	88.00	1159	174.00	19968
48.00	177	72.00	120	90.90	109	175.00	1513
49.00	1124	73.10	1089	92.00	860	176.00	19352
50.00	4865	74.10	4218	93.10	1056	177.00	1396
51.00	1498	75.00	12822	94.00	3144	207.10	265
56.00	364	76.00	1099	95.10	26976		

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30830.d
Report Date: 23-Mar-2013 06:14

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30830.d
Lab Smp Id: BFB
Inj Date : 23-MAR-2013 06:29
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.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

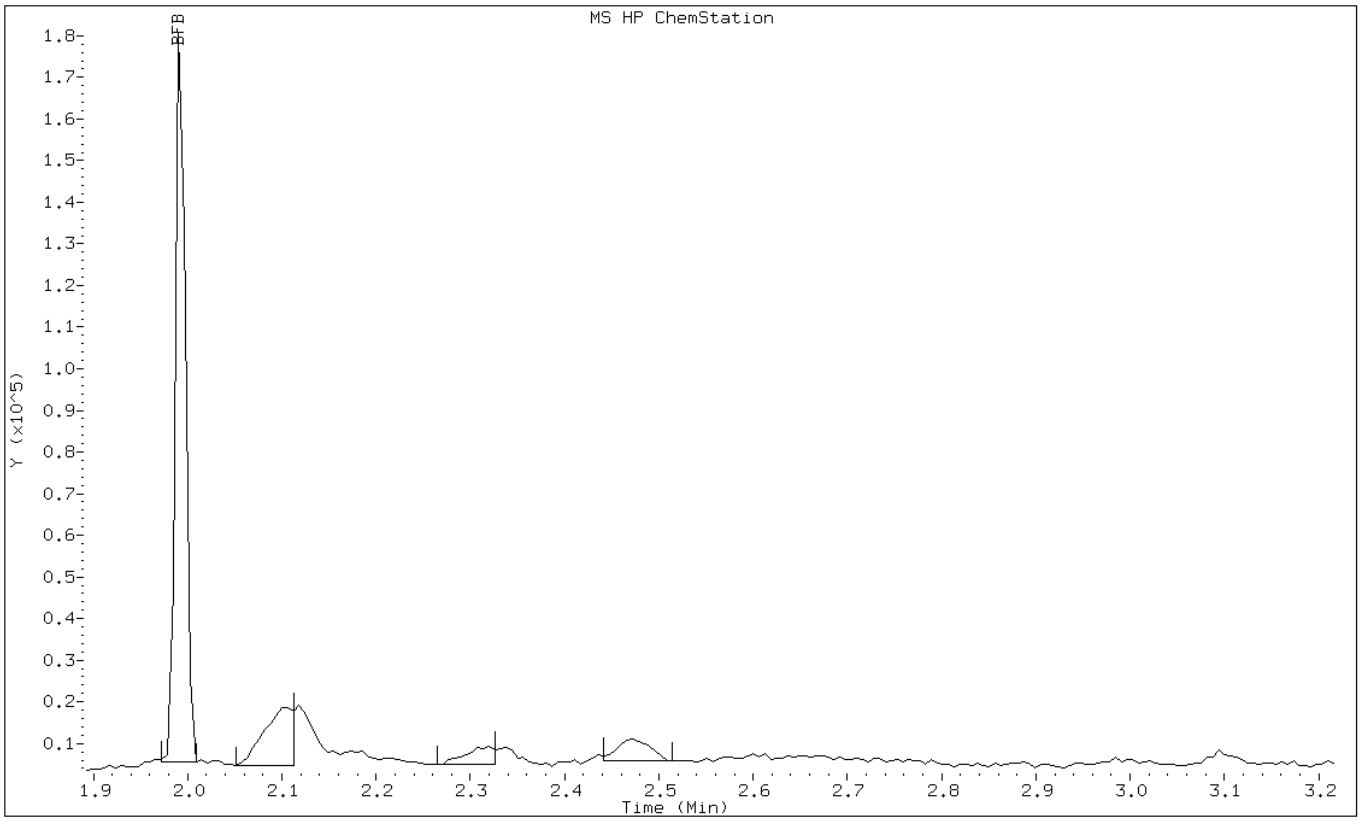
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
1.990	2.000 (0.000)	95	22360			0.00- 100.00	100.00
1.990	2.000 (0.000)	50	3741			15.00- 40.00	16.73
1.990	2.000 (0.000)	75	10709			30.00- 60.00	47.89
1.990	2.000 (0.000)	96	1486			5.00- 9.00	6.65
1.990	2.000 (0.000)	173	36			0.00- 2.00	0.16
1.990	2.000 (0.000)	174	22016			50.00- 100.00	98.46
1.990	2.000 (0.000)	175	1717			5.00- 9.00	7.80
1.990	2.000 (0.000)	176	21720			95.00- 101.00	98.66
1.990	2.000 (0.000)	177	1495			5.00- 9.00	6.88

Data File: d30830.d

Date: 23-MAR-2013 06:29

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



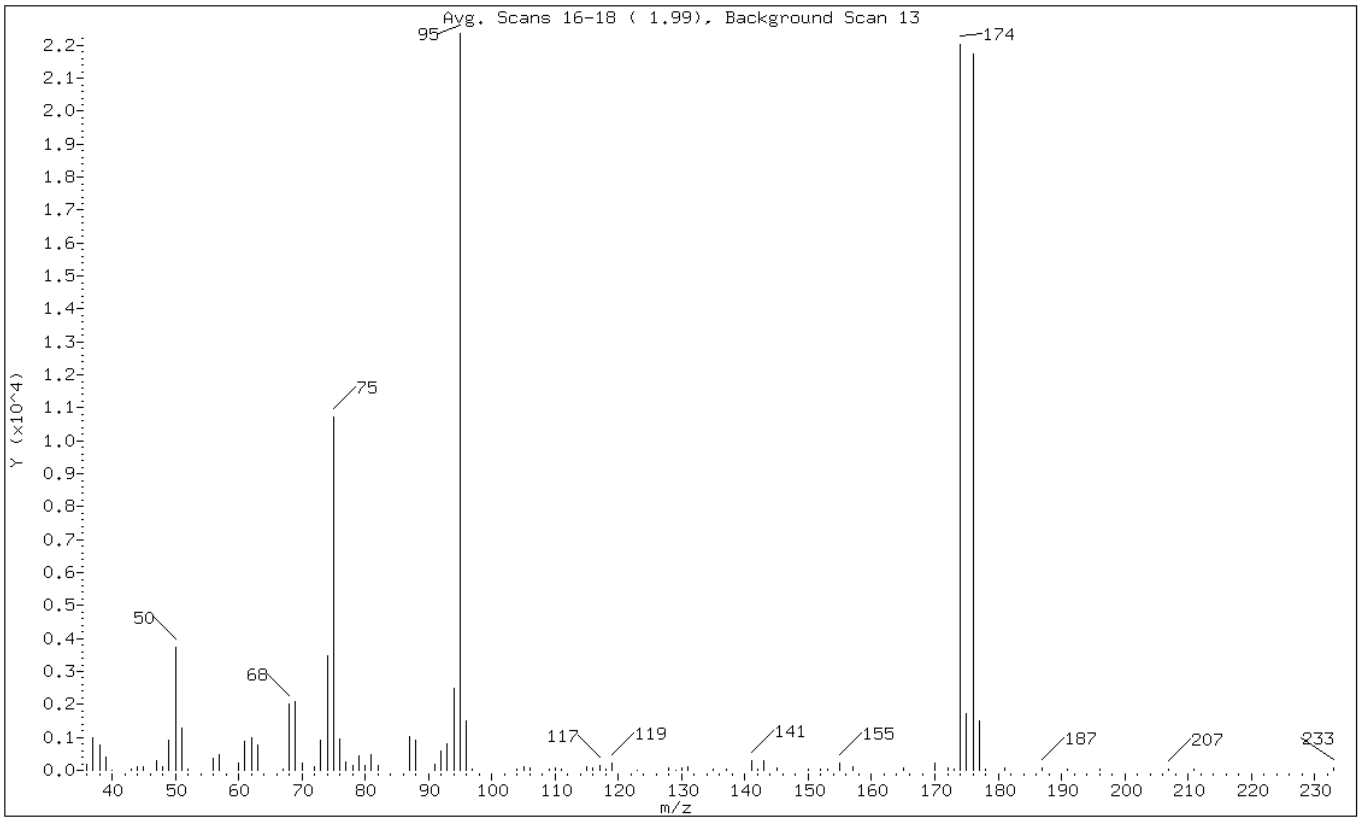
Data File: d30830.d

Date: 23-MAR-2013 06:29

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	16.73
75	30.00 - 60.00% of mass 95	47.89
96	5.00 - 9.00% of mass 95	6.65
173	Less than 2.00% of mass 174	0.16 (0.16)
174	50.00 - 100.00% of mass 95	98.46
175	5.00 - 9.00% of mass 174	7.68 (7.80)
176	95.00 - 101.00% of mass 174	97.14 (98.66)
177	5.00 - 9.00% of mass 176	6.69 (6.88)

Data File: d30830.d

Date: 23-MAR-2013 06:29

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30830.d
Spectrum: Avg. Scans 16-18 (1.99), Background Scan 13
Location of Maximum: 95.00
Number of points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	178	69.00	2089	104.00	41	150.00	41
37.00	980	70.00	206	105.00	112	152.00	45
38.00	756	72.00	128	106.00	79	153.00	46
39.00	409	73.00	924	109.00	52	155.00	233
40.00	1	74.00	3465	110.00	80	157.00	107
43.00	53	75.00	10709	111.00	27	165.00	76
44.00	92	76.00	960	115.00	116	170.00	215
45.00	128	77.00	243	116.00	82	172.00	71
47.00	275	78.00	144	117.00	155	173.00	36
48.00	113	79.00	457	118.00	50	174.00	22016
49.00	923	80.00	139	119.00	205	175.00	1717
50.00	3741	81.00	491	123.00	4	176.00	21720
51.00	1275	82.00	153	128.00	60	177.00	1495
52.00	34	87.00	1014	129.00	8	178.00	35
56.00	367	88.00	915	130.00	91	181.00	73
57.00	494	91.00	190	131.00	93	187.00	87
60.00	219	92.00	578	135.00	33	191.00	38
61.00	889	93.00	821	137.00	38	196.00	47
62.00	984	94.00	2502	141.00	291	207.00	42
63.00	753	95.00	22360	142.00	45	211.00	35
67.00	25	96.00	1486	143.00	276	233.00	84
68.00	2006	97.00	52	145.00	76		

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10307.d
Report Date: 06-Mar-2013 00:29

TestAmerica

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10307.d
Lab Smp Id: BFB
Inj Date : 05-MAR-2013 17:06
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.946	4.000 (0.000)	95	63280			0.00- 100.00	100.00
3.946	4.000 (0.000)	50	14183			15.00- 40.00	22.41
3.946	4.000 (0.000)	75	34312			30.00- 60.00	54.22
3.946	4.000 (0.000)	96	3746			5.00- 9.00	5.92
3.946	4.000 (0.000)	173	737			0.00- 2.00	1.91
3.946	4.000 (0.000)	174	38656			50.00- 100.00	61.09
3.946	4.000 (0.000)	175	3108			5.00- 9.00	8.04
3.946	4.000 (0.000)	176	37744			95.00- 101.00	97.64
3.946	4.000 (0.000)	177	2543			5.00- 9.00	6.74

Data File: k10307.d

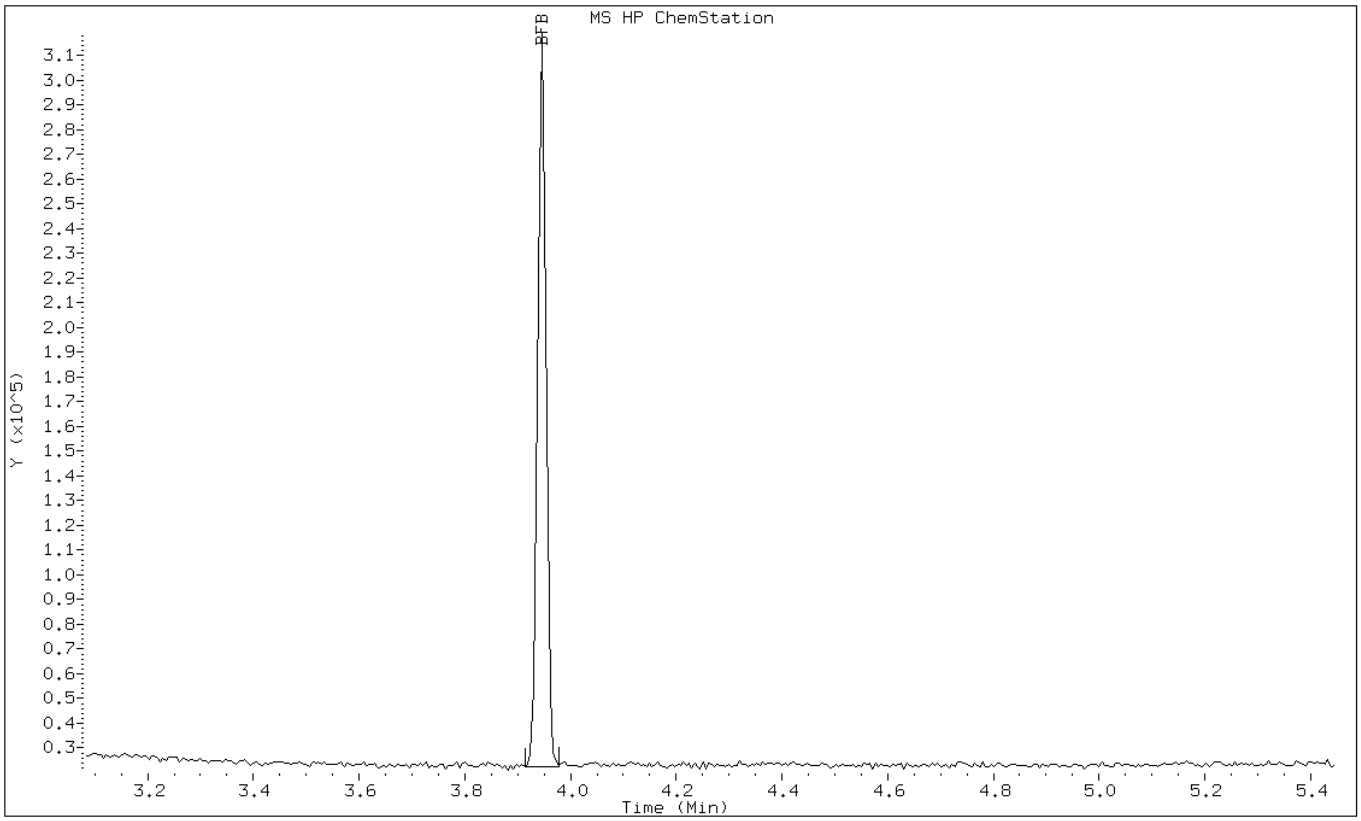
Date: 05-MAR-2013 17:06

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1



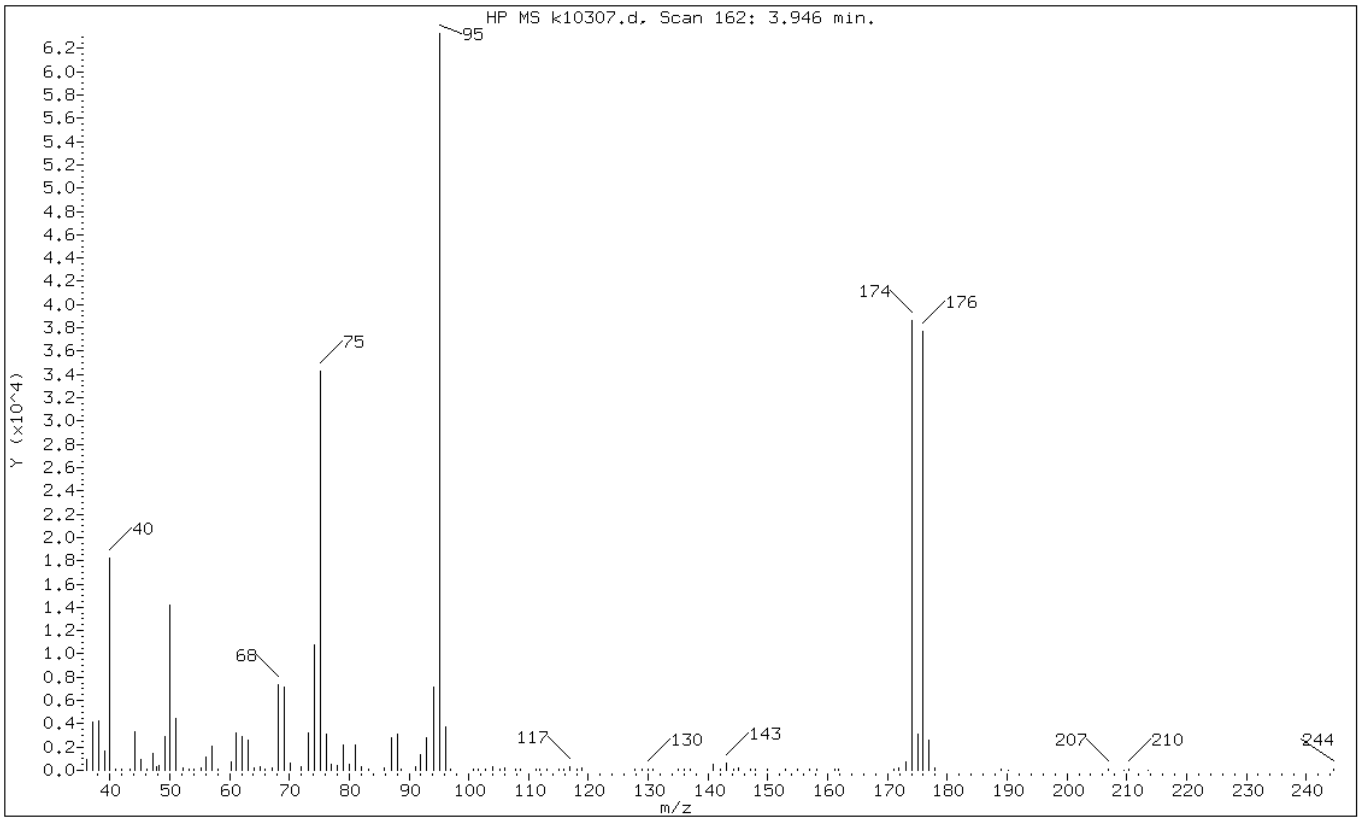
Data File: k10307.d

Date: 05-MAR-2013 17:06

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	22.41
75	30.00 - 60.00% of mass 95	54.22
96	5.00 - 9.00% of mass 95	5.92
173	Less than 2.00% of mass 174	1.16 (1.91)
174	50.00 - 100.00% of mass 95	61.09
175	5.00 - 9.00% of mass 174	4.91 (8.04)
176	95.00 - 101.00% of mass 174	59.65 (97.64)
177	5.00 - 9.00% of mass 176	4.02 (6.74)

Data File: k10307.d

Date: 05-MAR-2013 17:06

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10307.d
Spectrum: HP MS k10307.d, Scan 162: 3.946 min.
Location of Maximum: 95.10
Number of points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	899	64.10	253	96.10	3746	144.20	104
37.10	4151	65.10	283	97.00	87	145.00	186
38.10	4276	66.00	83	100.80	56	147.00	69
39.10	1636	67.10	212	101.60	59	147.90	96
40.00	18224	68.10	7379	102.80	69	150.00	72
41.00	100	69.10	7165	104.00	358	152.90	58
42.00	112	70.10	584	105.10	117	154.90	135
43.30	101	72.00	334	106.00	181	156.90	117
44.10	3362	73.10	3223	107.90	61	158.20	77
45.10	912	74.10	10820	108.70	68	161.10	70
46.10	104	75.10	34312	111.20	57	161.90	57
47.10	1483	76.10	3124	111.90	68	171.10	86
47.80	335	76.90	517	113.00	98	171.90	216
48.10	385	78.00	413	115.00	74	173.00	737
49.10	2898	79.00	2144	115.90	138	174.00	38656
50.10	14183	80.00	543	116.90	307	175.00	3108
51.10	4423	81.00	2138	118.00	143	176.00	37744
52.20	244	82.10	324	118.90	213	177.00	2543
53.20	147	83.30	104	127.80	136	178.00	182
54.10	125	85.90	171	128.90	117	188.90	78
55.20	213	87.00	2796	130.00	139	190.20	51
56.10	1149	88.00	3109	130.80	58	206.90	144
57.10	2101	88.70	62	135.00	134	209.50	50
58.10	116	91.10	347	136.10	85	210.40	61
60.20	758	92.00	1335	137.00	101	213.60	50
61.10	3174	93.00	2771	140.90	504	244.60	62
62.10	2876	94.10	7159	142.10	100		
63.10	2580	95.10	63280	143.00	616		

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11001.d
Report Date: 20-Mar-2013 07:51

TestAmerica

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11001.d
Lab Smp Id: BFB
Inj Date : 20-MAR-2013 07:43
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.946	4.000 (0.000)	95	43904			0.00- 100.00	100.00
3.946	4.000 (0.000)	50	11531			15.00- 40.00	26.26
3.946	4.000 (0.000)	75	25573			30.00- 60.00	58.25
3.946	4.000 (0.000)	96	2810			5.00- 9.00	6.40
3.946	4.000 (0.000)	173	57			0.00- 2.00	0.24
3.946	4.000 (0.000)	174	23514			50.00- 100.00	53.56
3.946	4.000 (0.000)	175	1837			5.00- 9.00	7.81
3.946	4.000 (0.000)	176	22849			95.00- 101.00	97.17
3.946	4.000 (0.000)	177	1406			5.00- 9.00	6.15

Data File: k11001.d

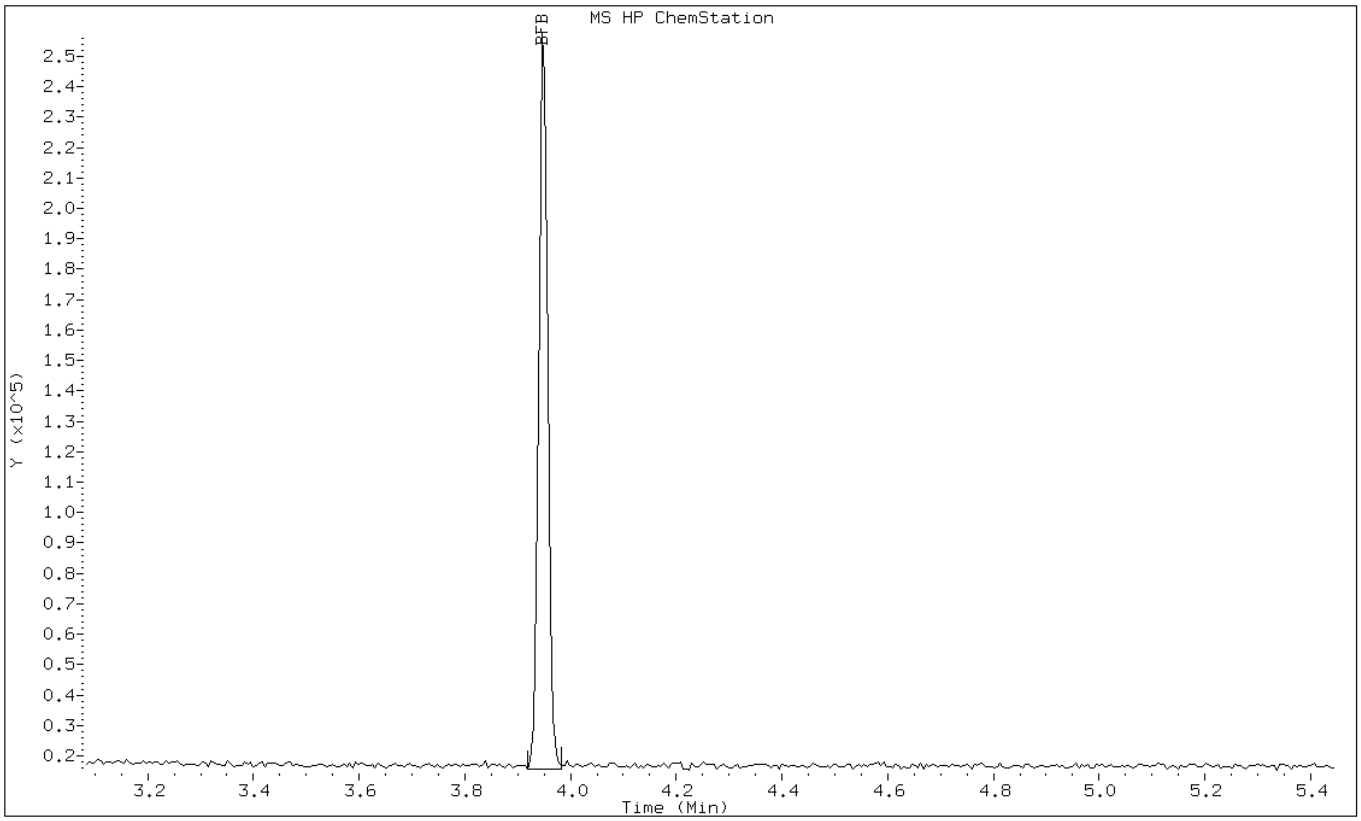
Date: 20-MAR-2013 07:43

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1



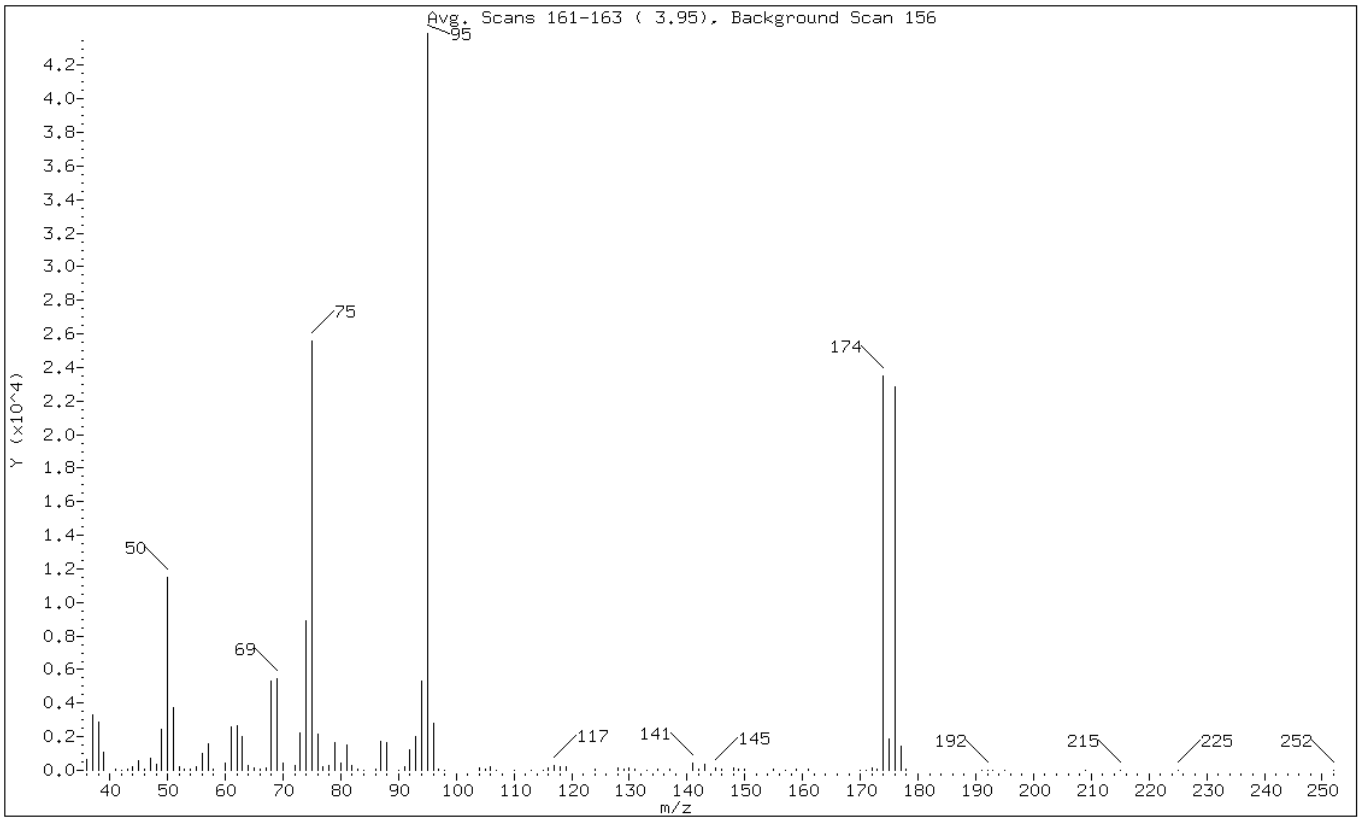
Data File: k11001.d

Date: 20-MAR-2013 07:43

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	26.26
75	30.00 - 60.00% of mass 95	58.25
96	5.00 - 9.00% of mass 95	6.40
173	Less than 2.00% of mass 174	0.13 (0.24)
174	50.00 - 100.00% of mass 95	53.56
175	5.00 - 9.00% of mass 174	4.18 (7.81)
176	95.00 - 101.00% of mass 174	52.04 (97.17)
177	5.00 - 9.00% of mass 176	3.20 (6.15)

Data File: k11001.d

Date: 20-MAR-2013 07:43

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11001.d
Spectrum: Avg. Scans 161-163 (3.95), Background Scan 156
Location of Maximum: 95.00
Number of points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	613	65.00	162	95.00	43904	146.00	73
37.00	3295	66.00	42	96.00	2810	148.00	133
38.00	2854	67.00	155	97.00	86	149.00	36
39.00	1068	68.00	5316	98.00	17	150.00	45
41.00	53	69.00	5484	104.00	162	155.00	67
42.00	20	70.00	443	105.00	77	157.00	22
43.00	50	72.00	310	106.00	208	159.00	49
44.00	220	73.00	2258	107.00	24	161.00	54
45.00	540	74.00	8915	110.00	24	170.00	22
46.00	64	75.00	25568	113.00	20	171.00	17
47.00	710	76.00	2160	115.00	25	172.00	177
48.00	354	77.00	244	116.00	157	173.00	57
49.00	2445	78.00	286	117.00	313	174.00	23512
50.00	11531	79.00	1645	118.00	237	175.00	1837
51.00	3726	80.00	416	119.00	199	176.00	22848
52.00	210	81.00	1513	124.00	47	177.00	1406
53.00	52	82.00	314	128.00	124	178.00	66
54.00	43	83.00	46	129.00	55	191.00	20
55.00	203	84.00	16	130.00	132	192.00	22
56.00	1013	86.00	62	131.00	70	193.00	17
57.00	1546	87.00	1745	133.00	24	195.00	18
58.00	97	88.00	1627	135.00	62	209.00	20
60.00	442	90.00	24	137.00	53	215.00	27
61.00	2604	91.00	192	141.00	429	225.00	23
62.00	2690	92.00	1214	142.00	50	252.00	23
63.00	2027	93.00	2016	143.00	351		
64.00	258	94.00	5286	145.00	133		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151692/4

Matrix: Solid | Lab File ID: b53484.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/19/2013 07:07

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.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
78-93-3	2-Butanone	230	U	500	230
67-64-1	Acetone	270	U	500	270
71-43-2	Benzene	8.3	U	100	8.3
591-78-6	2-Hexanone	50	U	500	50
75-25-2	Bromoform	19	U	100	19
74-83-9	Bromomethane	18	U	100	18
75-15-0	Carbon disulfide	13	U	100	13
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
123-91-1	1,4-Dioxane	3600	U	5000	3600
108-90-7	Chlorobenzene	11	U	100	11
75-00-3	Chloroethane	17	U	100	17
67-66-3	Chloroform	7.9	U	100	7.9
74-87-3	Chloromethane	9.7	U	100	9.7
108-10-1	4-Methyl-2-pentanone	99	U	500	99
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
110-82-7	Cyclohexane	16	U	100	16
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
100-41-4	Ethylbenzene	9.6	U	100	9.6
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
76-13-1	Freon TF	8.2	U	100	8.2
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
98-82-8	Isopropylbenzene	7.7	U	100	7.7
79-20-9	Methyl acetate	34	U	200	34
108-87-2	Methylcyclohexane	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
75-09-2	Methylene Chloride	18	U	100	18
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
1634-04-4	MTBE	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151692/4

Matrix: Solid Lab File ID: b53484.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/19/2013 07:07

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.: 151692 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
100-42-5	Styrene	12	U	100	12
106-93-4	1,2-Dibromoethane	28	U	100	28
127-18-4	Tetrachloroethene	9.7	U	100	9.7
75-71-8	Dichlorodifluoromethane	22	U	100	22
108-88-3	Toluene	15	U	100	15
74-97-5	Bromochloromethane	27	U	100	27
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
75-27-4	Bromodichloromethane	13	U	100	13
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
79-01-6	Trichloroethene	9.2	U	100	9.2
75-69-4	Trichlorofluoromethane	15	U	100	15
75-01-4	Vinyl chloride	14	U	100	14
1330-20-7	Xylenes, Total	36	U	300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-135
2037-26-5	Toluene-d8 (Surr)	100		59-150
460-00-4	Bromofluorobenzene	105		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151692/4

Matrix: Solid Lab File ID: b53484.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/19/2013 07:07

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.: 151692 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53484.d
Report Date: 20-Mar-2013 12:56

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53484.d
Lab Smp Id: MB
Inj Date : 19-MAR-2013 07:07
Operator : Inst ID: VOAMS2.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/8260_09.m
Meth Date : 20-Mar-2013 12:52 delpolit Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 8 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)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	173417	48.6575	4900
* 52 Fluorobenzene	96	5.233	5.225	(1.000)	601229	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.225	7.225	(0.822)	410777	50.0583	5000
* 78 Chlorobenzene-d5	117	8.788	8.780	(1.000)	404526	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.875	9.875	(0.912)	136086	52.2778	5200
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	177834	50.0000	

Data File: b53484.d

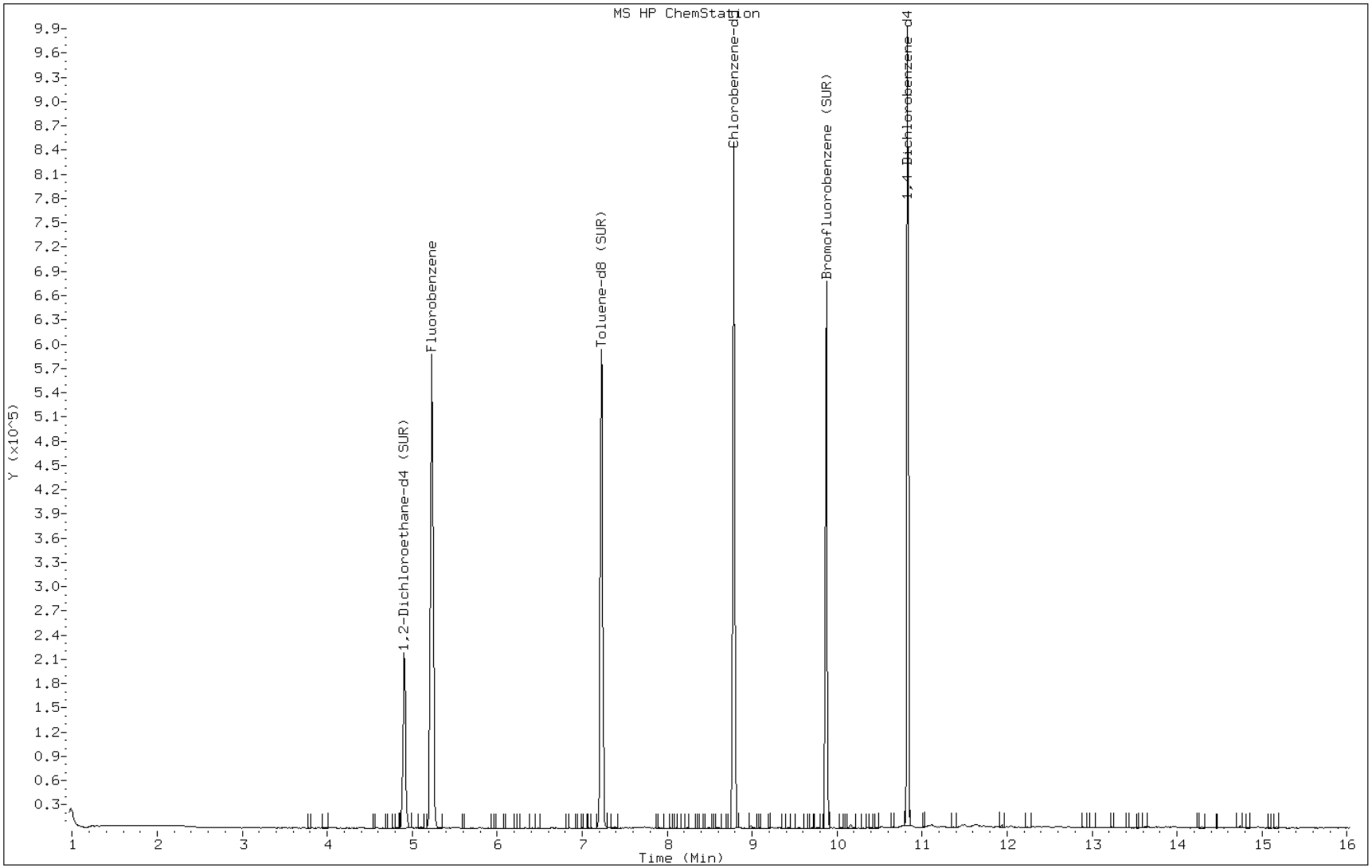
Date: 19-MAR-2013 07:07

Client ID:

Instrument: VOAMS2.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151820/4

Matrix: Solid | Lab File ID: b53517.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/19/2013 19:39

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.: 151820 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
78-93-3	2-Butanone	230	U	500	230
67-64-1	Acetone	270	U	500	270
71-43-2	Benzene	8.3	U	100	8.3
591-78-6	2-Hexanone	50	U	500	50
75-25-2	Bromoform	19	U	100	19
74-83-9	Bromomethane	18	U	100	18
75-15-0	Carbon disulfide	13	U	100	13
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
123-91-1	1,4-Dioxane	3600	U	5000	3600
108-90-7	Chlorobenzene	11	U	100	11
75-00-3	Chloroethane	17	U	100	17
67-66-3	Chloroform	7.9	U	100	7.9
74-87-3	Chloromethane	9.7	U	100	9.7
108-10-1	4-Methyl-2-pentanone	99	U	500	99
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
110-82-7	Cyclohexane	16	U	100	16
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
100-41-4	Ethylbenzene	9.6	U	100	9.6
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
76-13-1	Freon TF	8.2	U	100	8.2
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
98-82-8	Isopropylbenzene	7.7	U	100	7.7
79-20-9	Methyl acetate	34	U	200	34
108-87-2	Methylcyclohexane	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
75-09-2	Methylene Chloride	18	U	100	18
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
1634-04-4	MTBE	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151820/4

Matrix: Solid Lab File ID: b53517.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/19/2013 19:39

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.: 151820 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
100-42-5	Styrene	12	U	100	12
106-93-4	1,2-Dibromoethane	28	U	100	28
127-18-4	Tetrachloroethene	9.7	U	100	9.7
75-71-8	Dichlorodifluoromethane	22	U	100	22
108-88-3	Toluene	15	U	100	15
74-97-5	Bromochloromethane	27	U	100	27
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
75-27-4	Bromodichloromethane	13	U	100	13
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
79-01-6	Trichloroethene	9.2	U	100	9.2
75-69-4	Trichlorofluoromethane	15	U	100	15
75-01-4	Vinyl chloride	14	U	100	14
1330-20-7	Xylenes, Total	36	U	300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-135
2037-26-5	Toluene-d8 (Surr)	97		59-150
460-00-4	Bromofluorobenzene	103		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151820/4

Matrix: Solid | Lab File ID: b53517.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/19/2013 19:39

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.: 151820 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53517.d
Report Date: 22-Mar-2013 10:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53517.d
Lab Smp Id: MB
Inj Date : 19-MAR-2013 19:39
Operator : Inst ID: VOAMS2.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/8260_09.m
Meth Date : 20-Mar-2013 03:20 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 7 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

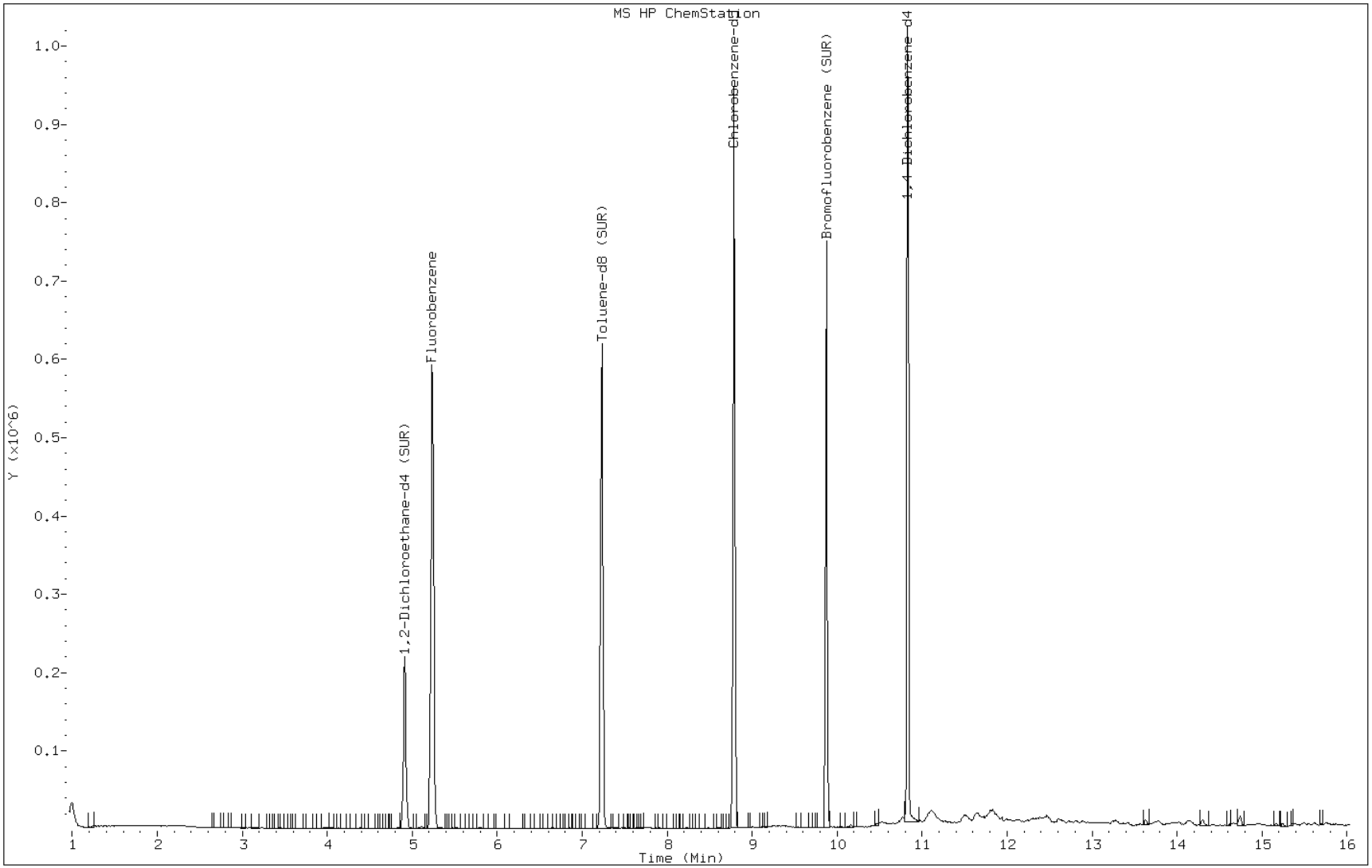
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	171585	47.1511	4700
* 52 Fluorobenzene	96	5.233	5.233	(1.000)	613883	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.233	7.225	(0.823)	420578	48.4955	4800
* 78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	427525	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.875	9.875	(0.912)	145958	51.3857	5100
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.837	(1.000)	194046	50.0000	

Data File: b53517.d

Date: 19-MAR-2013 19:39

Client ID: Instrument: VOAMS2.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151859/4

Matrix: Water | Lab File ID: k11006.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/20/2013 10:37

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.: 151859 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
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
78-93-3	2-Butanone	2.3	U	5.0	2.3
67-64-1	Acetone	2.7	U	5.0	2.7
71-43-2	Benzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
75-25-2	Bromoform	0.19	U	1.0	0.19
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
123-91-1	1,4-Dioxane	36	U	50	36
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
75-00-3	Chloroethane	0.17	U	1.0	0.17
67-66-3	Chloroform	0.080	U	1.0	0.080
74-87-3	Chloromethane	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
110-82-7	Cyclohexane	0.16	U	1.0	0.16
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
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
76-13-1	Freon TF	0.080	U	1.0	0.080
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
1634-04-4	MTBE	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151859/4

Matrix: Water | Lab File ID: k11006.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/20/2013 10:37

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.: 151859 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
100-42-5	Styrene	0.12	U	1.0	0.12
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
108-88-3	Toluene	0.15	U	1.0	0.15
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
79-01-6	Trichloroethene	0.090	U	1.0	0.090
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	Bromofluorobenzene	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151859/4

Matrix: Water Lab File ID: k11006.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/20/2013 10:37

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.: 151859 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11006.d
Report Date: 20-Mar-2013 12:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11006.d
Lab Smp Id: MB
Inj Date : 20-MAR-2013 10:37
Operator : Inst ID: VOAMS9.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/8260_09.m
Meth Date : 20-Mar-2013 09:34 desais Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.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

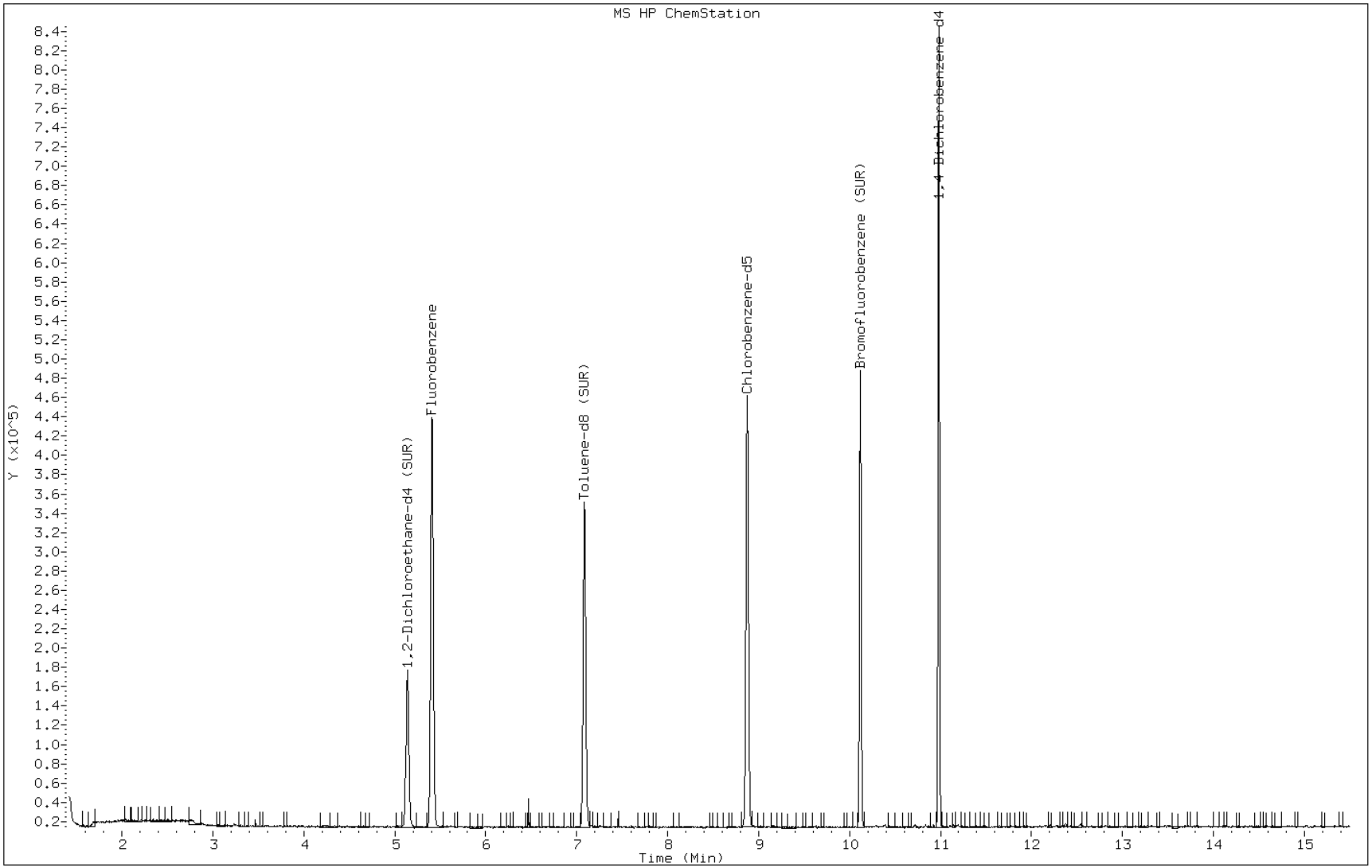
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.141	5.131	(0.950)	125728	53.5090	54
* 52 Fluorobenzene	96	5.414	5.404	(1.000)	365264	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.078	(0.798)	216514	43.0394	43
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	232212	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	74738	49.9937	50
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	107939	50.0000	

Data File: k11006.d

Date: 20-MAR-2013 10:37

Client ID: Instrument: VOAMS9.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151869/4

Matrix: Solid | Lab File ID: b53543.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/20/2013 06:31

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.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
78-93-3	2-Butanone	230	U	500	230
67-64-1	Acetone	270	U	500	270
71-43-2	Benzene	8.3	U	100	8.3
591-78-6	2-Hexanone	50	U	500	50
75-25-2	Bromoform	19	U	100	19
74-83-9	Bromomethane	18	U	100	18
75-15-0	Carbon disulfide	13	U	100	13
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
123-91-1	1,4-Dioxane	3600	U	5000	3600
108-90-7	Chlorobenzene	11	U	100	11
75-00-3	Chloroethane	17	U	100	17
67-66-3	Chloroform	7.9	U	100	7.9
74-87-3	Chloromethane	9.7	U	100	9.7
108-10-1	4-Methyl-2-pentanone	99	U	500	99
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
110-82-7	Cyclohexane	16	U	100	16
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
100-41-4	Ethylbenzene	9.6	U	100	9.6
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
76-13-1	Freon TF	8.2	U	100	8.2
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
98-82-8	Isopropylbenzene	7.7	U	100	7.7
79-20-9	Methyl acetate	34	U	200	34
108-87-2	Methylcyclohexane	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
75-09-2	Methylene Chloride	18	U	100	18
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
1634-04-4	MTBE	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151869/4

Matrix: Solid Lab File ID: b53543.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/20/2013 06:31

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.: 151869 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
100-42-5	Styrene	12	U	100	12
106-93-4	1,2-Dibromoethane	28	U	100	28
127-18-4	Tetrachloroethene	9.7	U	100	9.7
75-71-8	Dichlorodifluoromethane	22	U	100	22
108-88-3	Toluene	15	U	100	15
74-97-5	Bromochloromethane	27	U	100	27
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
75-27-4	Bromodichloromethane	13	U	100	13
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
79-01-6	Trichloroethene	9.2	U	100	9.2
75-69-4	Trichlorofluoromethane	15	U	100	15
75-01-4	Vinyl chloride	14	U	100	14
1330-20-7	Xylenes, Total	36	U	300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	97		59-150
460-00-4	Bromofluorobenzene	104		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151869/4

Matrix: Solid Lab File ID: b53543.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/20/2013 06:31

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.: 151869 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53543.d
Report Date: 20-Mar-2013 10:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53543.d
Lab Smp Id: MB
Inj Date : 20-MAR-2013 06:31
Operator : Inst ID: VOAMS2.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/8260_09.m
Meth Date : 20-Mar-2013 04:31 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.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

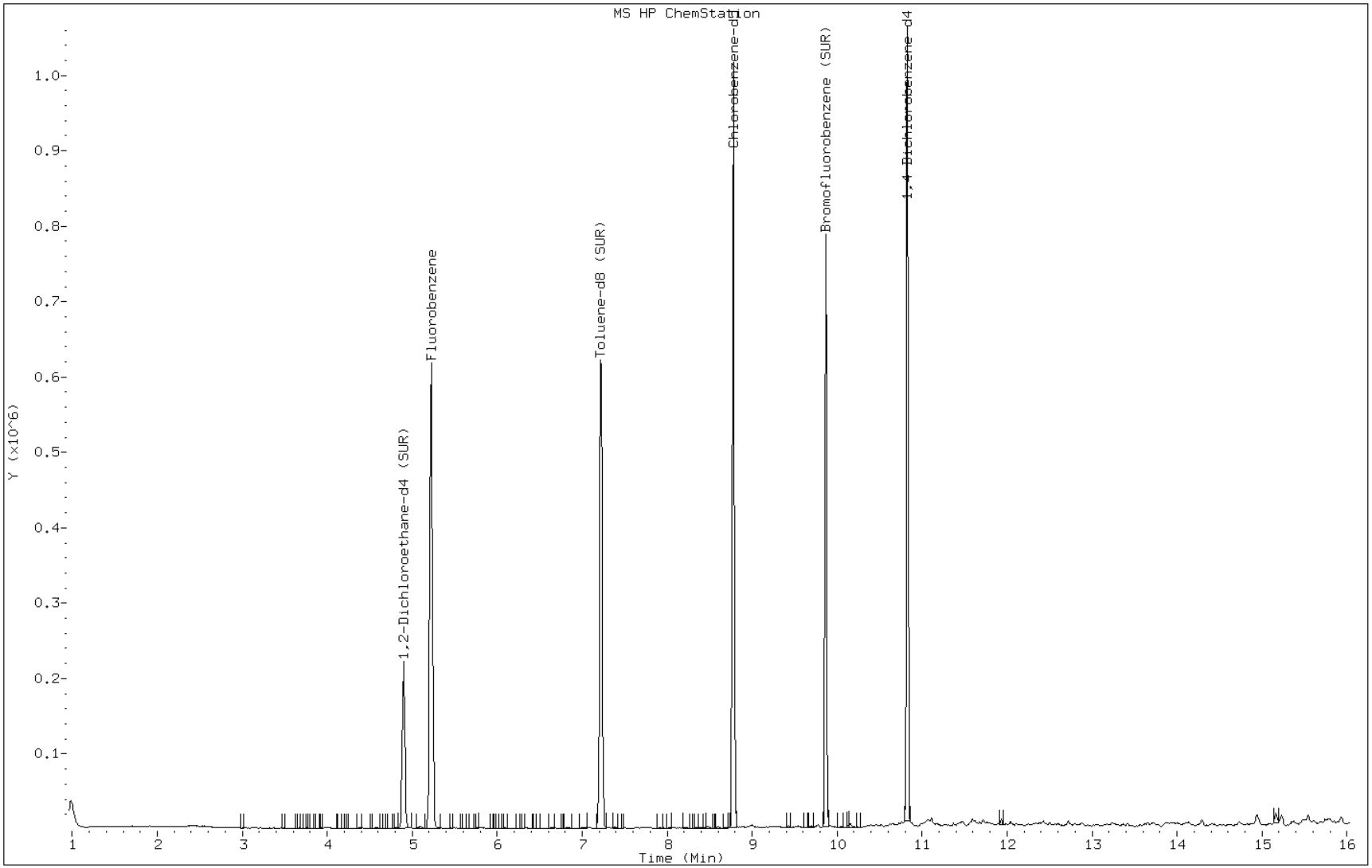
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.896	4.904	(0.937)	175996	46.5559	4600
* 52 Fluorobenzene	96	5.225	5.225	(1.000)	637714	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.216	7.225	(0.822)	440742	48.3612	4800
* 78 Chlorobenzene-d5	117	8.780	8.780	(1.000)	449267	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.866	9.866	(0.911)	155773	52.1849	5200
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	203923	50.0000	

Data File: b53543.d

Date: 20-MAR-2013 06:31

Client ID: Instrument: VOAMS2.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152022/4

Matrix: Solid | Lab File ID: b53603.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/21/2013 06:26

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.: 152022 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
78-93-3	2-Butanone	230	U	500	230
67-64-1	Acetone	270	U	500	270
71-43-2	Benzene	8.3	U	100	8.3
591-78-6	2-Hexanone	50	U	500	50
75-25-2	Bromoform	19	U	100	19
74-83-9	Bromomethane	18	U	100	18
75-15-0	Carbon disulfide	13	U	100	13
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
123-91-1	1,4-Dioxane	3600	U	5000	3600
108-90-7	Chlorobenzene	11	U	100	11
75-00-3	Chloroethane	17	U	100	17
67-66-3	Chloroform	7.9	U	100	7.9
74-87-3	Chloromethane	9.7	U	100	9.7
108-10-1	4-Methyl-2-pentanone	99	U	500	99
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
110-82-7	Cyclohexane	16	U	100	16
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
100-41-4	Ethylbenzene	9.6	U	100	9.6
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
76-13-1	Freon TF	8.2	U	100	8.2
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
98-82-8	Isopropylbenzene	7.7	U	100	7.7
79-20-9	Methyl acetate	34	U	200	34
108-87-2	Methylcyclohexane	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
75-09-2	Methylene Chloride	18	U	100	18
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
1634-04-4	MTBE	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152022/4

Matrix: Solid Lab File ID: b53603.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/21/2013 06:26

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.: 152022 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
100-42-5	Styrene	12	U	100	12
106-93-4	1,2-Dibromoethane	28	U	100	28
127-18-4	Tetrachloroethene	9.7	U	100	9.7
75-71-8	Dichlorodifluoromethane	22	U	100	22
108-88-3	Toluene	15	U	100	15
74-97-5	Bromochloromethane	27	U	100	27
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
75-27-4	Bromodichloromethane	13	U	100	13
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
79-01-6	Trichloroethene	9.2	U	100	9.2
75-69-4	Trichlorofluoromethane	15	U	100	15
75-01-4	Vinyl chloride	14	U	100	14
1330-20-7	Xylenes, Total	36	U	300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-135
2037-26-5	Toluene-d8 (Surr)	95		59-150
460-00-4	Bromofluorobenzene	104		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152022/4

Matrix: Solid Lab File ID: b53603.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/21/2013 06:26

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.: 152022 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53603.d
Report Date: 21-Mar-2013 08:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53603.d
Lab Smp Id: MB
Inj Date : 21-MAR-2013 06:26
Operator : Inst ID: VOAMS2.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/8260_09.m
Meth Date : 21-Mar-2013 04:49 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 6 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

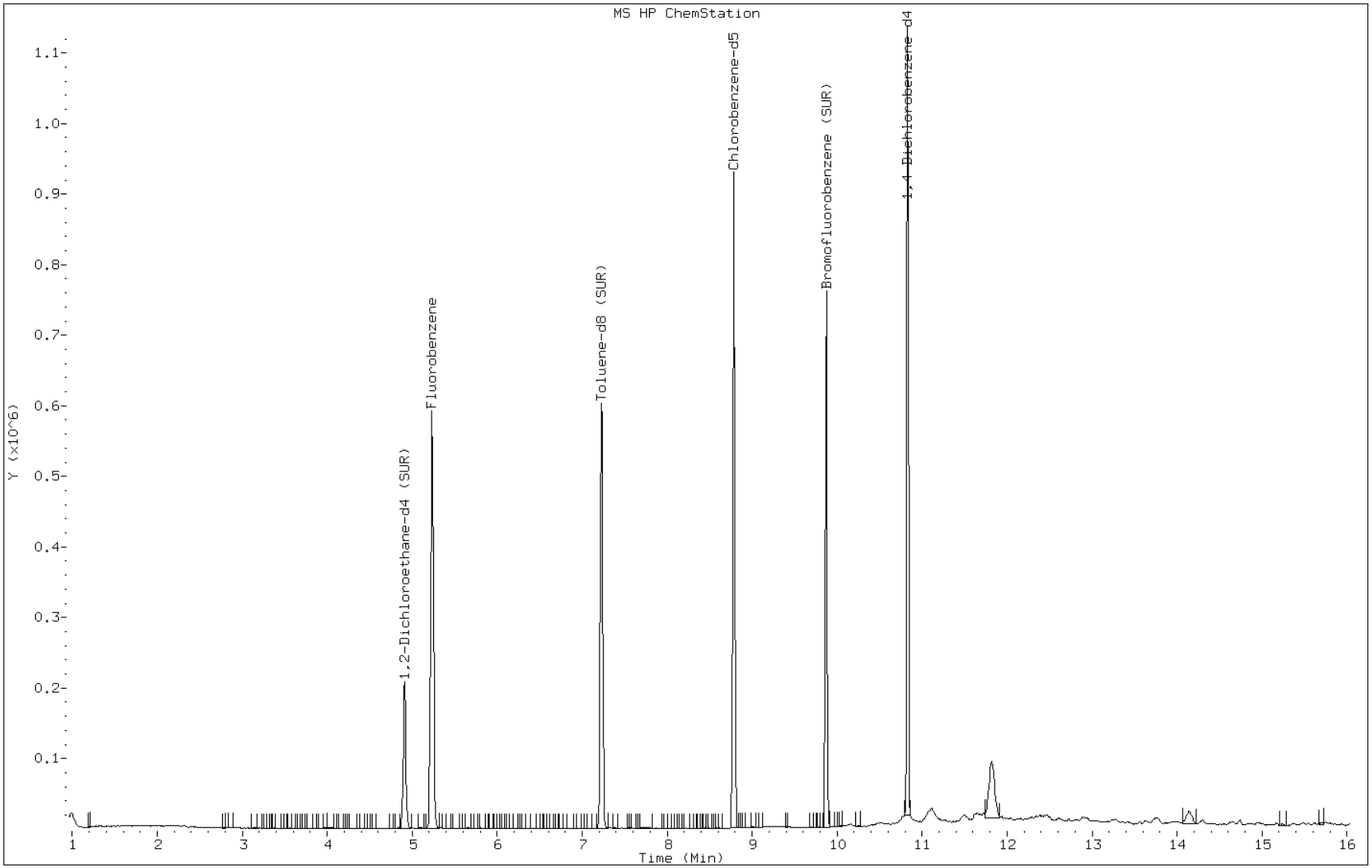
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	165195	45.8651	4600
* 52 Fluorobenzene	96	5.233	5.233	(1.000)	607592	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.225	7.224	(0.822)	424964	47.3464	4700
* 78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	442468	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.875	9.874	(0.912)	158864	52.0232	5200
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	208616	50.0000	

Data File: b53603.d

Date: 21-MAR-2013 06:26

Client ID: Instrument: VOAMS2.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152224/4

Matrix: Solid | Lab File ID: b53632.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/22/2013 01:25

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.: 152224 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
78-93-3	2-Butanone	230	U	500	230
67-64-1	Acetone	270	U	500	270
71-43-2	Benzene	8.3	U	100	8.3
591-78-6	2-Hexanone	50	U	500	50
75-25-2	Bromoform	19	U	100	19
74-83-9	Bromomethane	18	U	100	18
75-15-0	Carbon disulfide	13	U	100	13
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
123-91-1	1,4-Dioxane	3600	U	5000	3600
108-90-7	Chlorobenzene	11	U	100	11
75-00-3	Chloroethane	17	U	100	17
67-66-3	Chloroform	7.9	U	100	7.9
74-87-3	Chloromethane	9.7	U	100	9.7
108-10-1	4-Methyl-2-pentanone	99	U	500	99
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
110-82-7	Cyclohexane	16	U	100	16
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
100-41-4	Ethylbenzene	9.6	U	100	9.6
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
76-13-1	Freon TF	8.2	U	100	8.2
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
98-82-8	Isopropylbenzene	7.7	U	100	7.7
79-20-9	Methyl acetate	34	U	200	34
108-87-2	Methylcyclohexane	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
75-09-2	Methylene Chloride	18	U	100	18
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
1634-04-4	MTBE	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152224/4

Matrix: Solid Lab File ID: b53632.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/22/2013 01:25

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.: 152224 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
100-42-5	Styrene	12	U	100	12
106-93-4	1,2-Dibromoethane	28	U	100	28
127-18-4	Tetrachloroethene	9.7	U	100	9.7
75-71-8	Dichlorodifluoromethane	22	U	100	22
108-88-3	Toluene	15	U	100	15
74-97-5	Bromochloromethane	27	U	100	27
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
75-27-4	Bromodichloromethane	13	U	100	13
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
79-01-6	Trichloroethene	9.2	U	100	9.2
75-69-4	Trichlorofluoromethane	15	U	100	15
75-01-4	Vinyl chloride	14	U	100	14
1330-20-7	Xylenes, Total	36	U	300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	93		59-150
460-00-4	Bromofluorobenzene	106		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152224/4

Matrix: Solid | Lab File ID: b53632.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/22/2013 01:25

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.: 152224 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53632.d
Report Date: 22-Mar-2013 01:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53632.d
Lab Smp Id: MB
Inj Date : 22-MAR-2013 01:25
Operator : Inst ID: VOAMS2.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/8260_09.m
Meth Date : 22-Mar-2013 00:39 ken Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.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

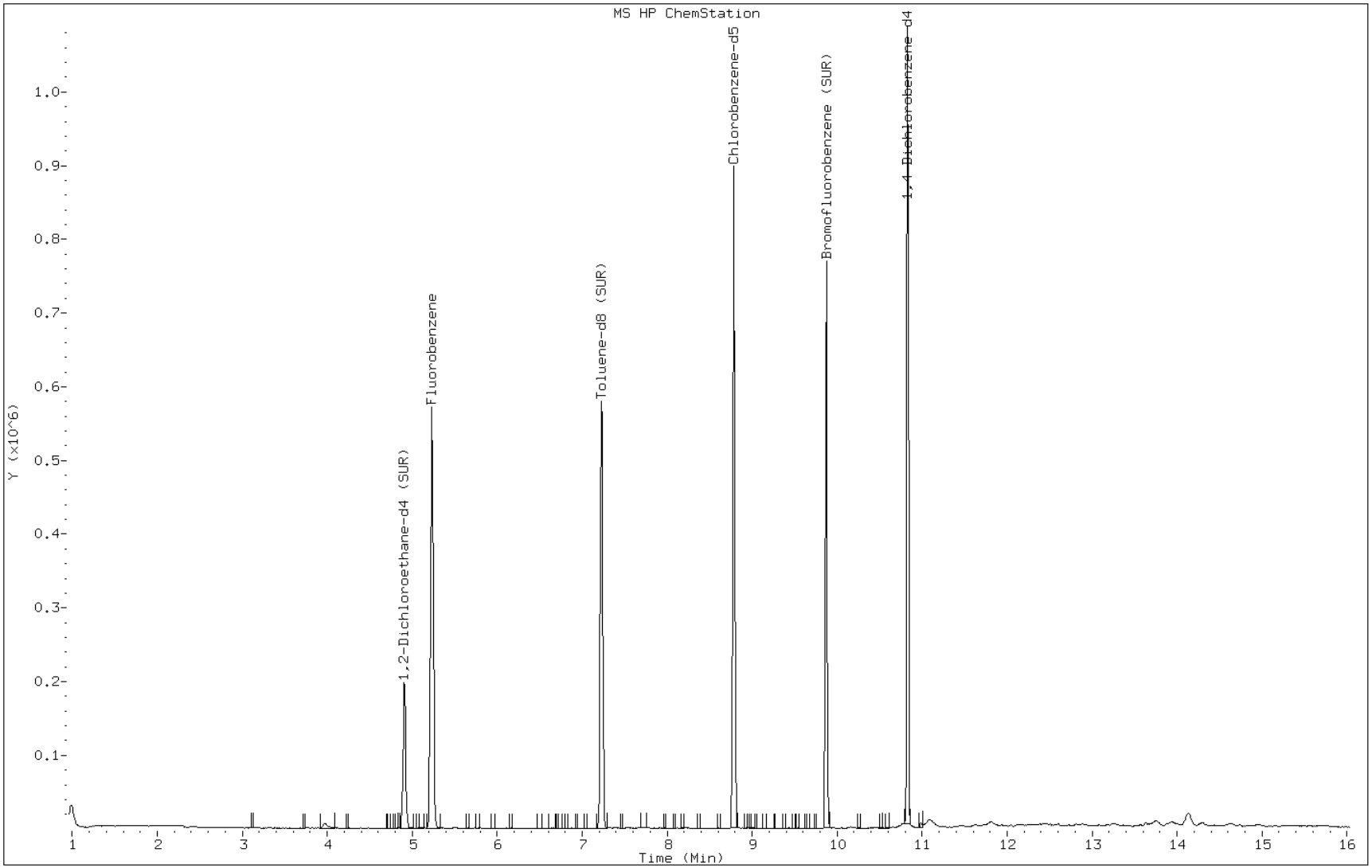
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	157816	45.0896	4500
* 52 Fluorobenzene	96	5.233	5.233	(1.000)	590435	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.224	7.224	(0.822)	408992	46.6304	4700
* 78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	432377	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.874	9.874	(0.912)	160104	53.1564	5300
* 108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	205762	50.0000	

Data File: b53632.d

Date: 22-MAR-2013 01:25

Client ID: Instrument: VOAMS2.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152371/10

Matrix: Solid Lab File ID: d30793.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 14:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
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
78-93-3	2-Butanone	0.63	U	10	0.63
67-64-1	Acetone	4.40	J	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
591-78-6	2-Hexanone	0.13	U	10	0.13
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
123-91-1	1,4-Dioxane	13	U	50	13
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.13	U	1.0	0.13
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
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
76-13-1	Freon TF	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
75-09-2	Methylene Chloride	2.29		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
1634-04-4	MTBE	0.11	U	1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152371/10

Matrix: Solid | Lab File ID: d30793.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/22/2013 14:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 152371 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
100-42-5	Styrene	0.28	U	1.0	0.28
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
108-88-3	Toluene	0.14	U	1.0	0.14
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152371/10

Matrix: Solid Lab File ID: d30793.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 14:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30793.d
Report Date: 22-Mar-2013 20:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30793.d
Lab Smp Id: MB
Inj Date : 22-MAR-2013 14:07
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 17:59 vibha Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 17 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)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.469	2.469	(0.542)	6381	2.29138	2.3
	7 Acetone	43	2.528	2.516	(0.555)	4080	4.39739	4.4(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	82986	55.1051	55
*	69 Fluorobenzene	96	4.551	4.545	(1.000)	362292	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.222	(0.789)	266248	45.9820	46
*	32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	226247	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	117372	46.6578	47
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	121636	50.0000	

QC Flag Legend

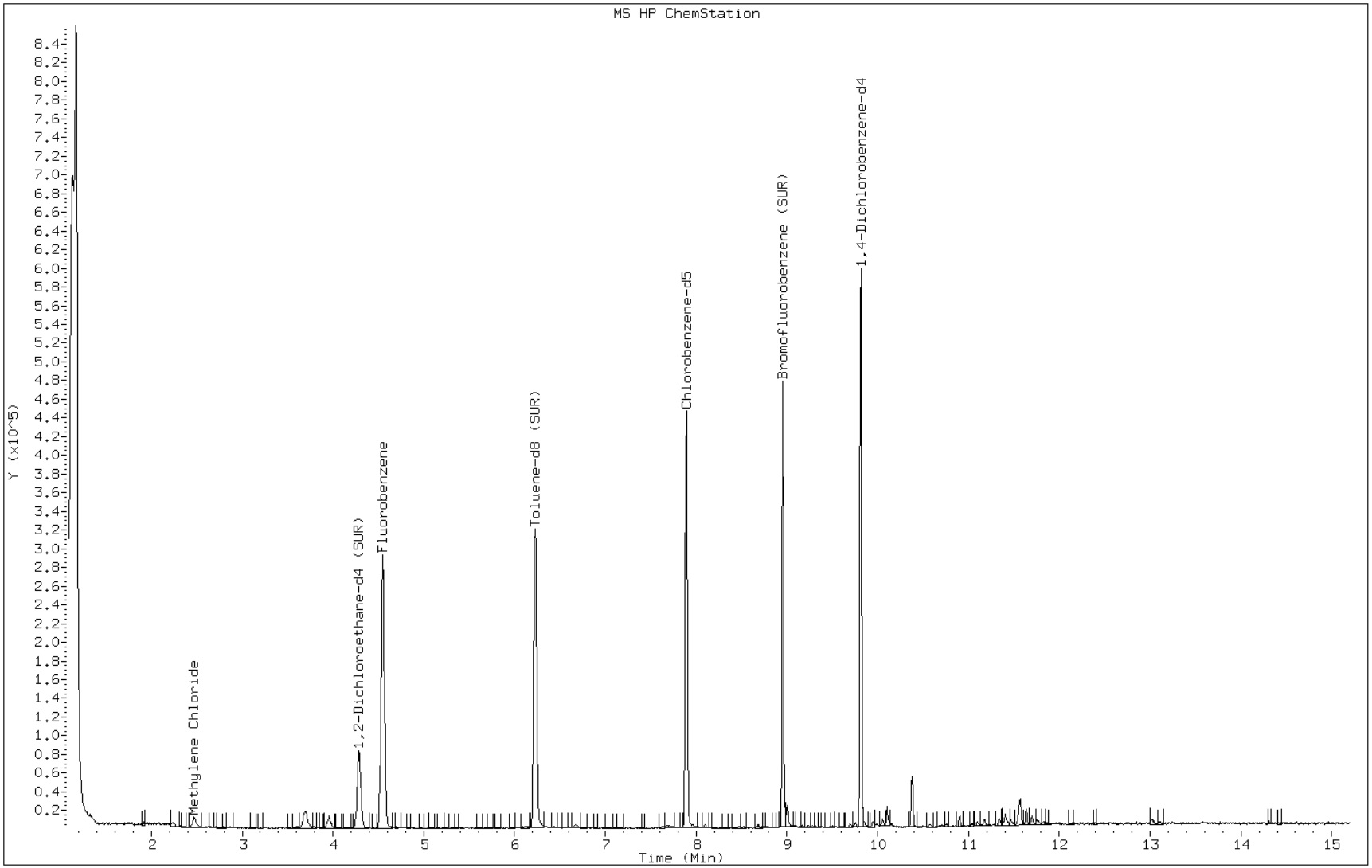
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d30793.d

Date: 22-MAR-2013 14:07

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



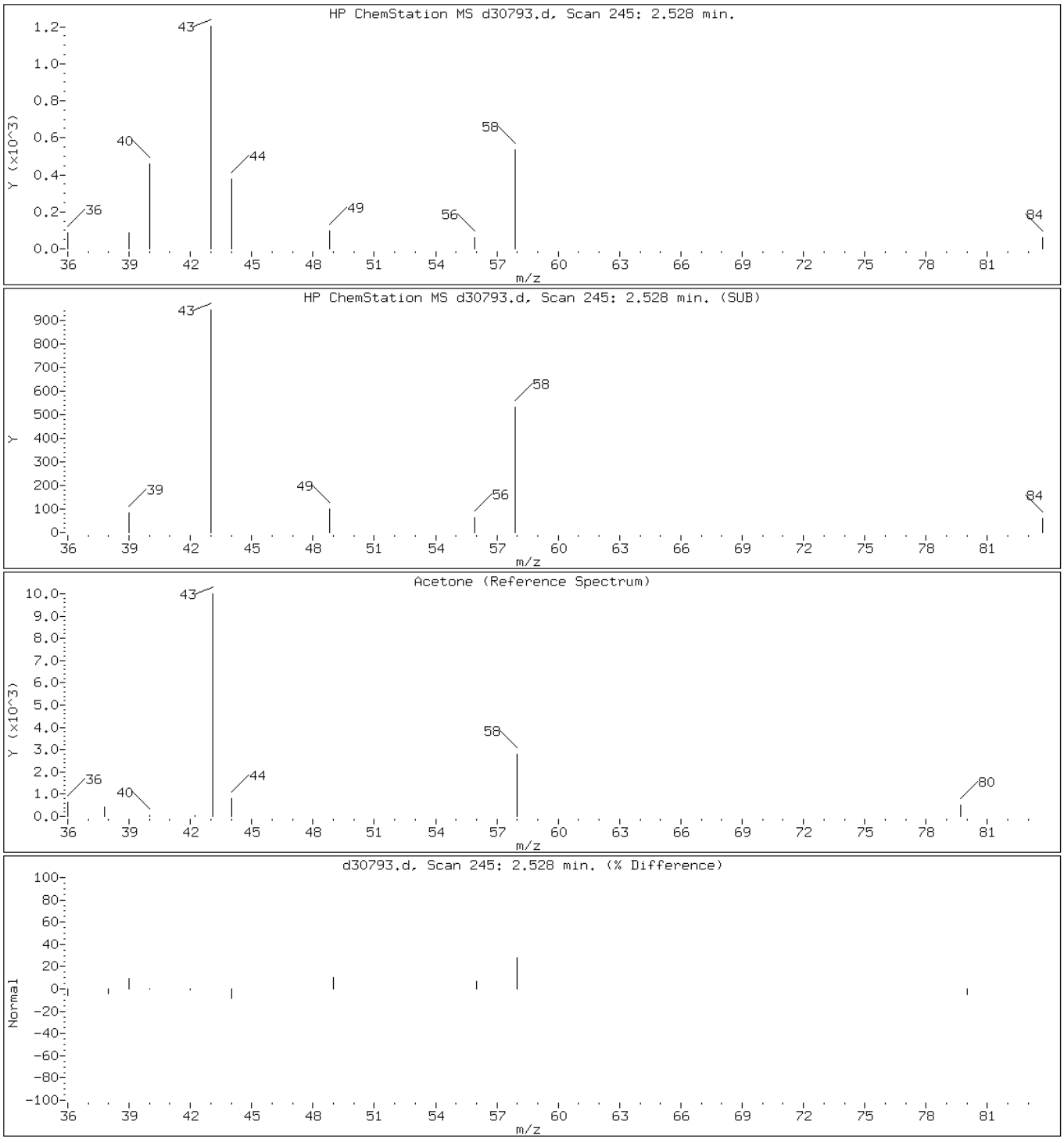
Data File: d30793.d

Date: 22-MAR-2013 14:07

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



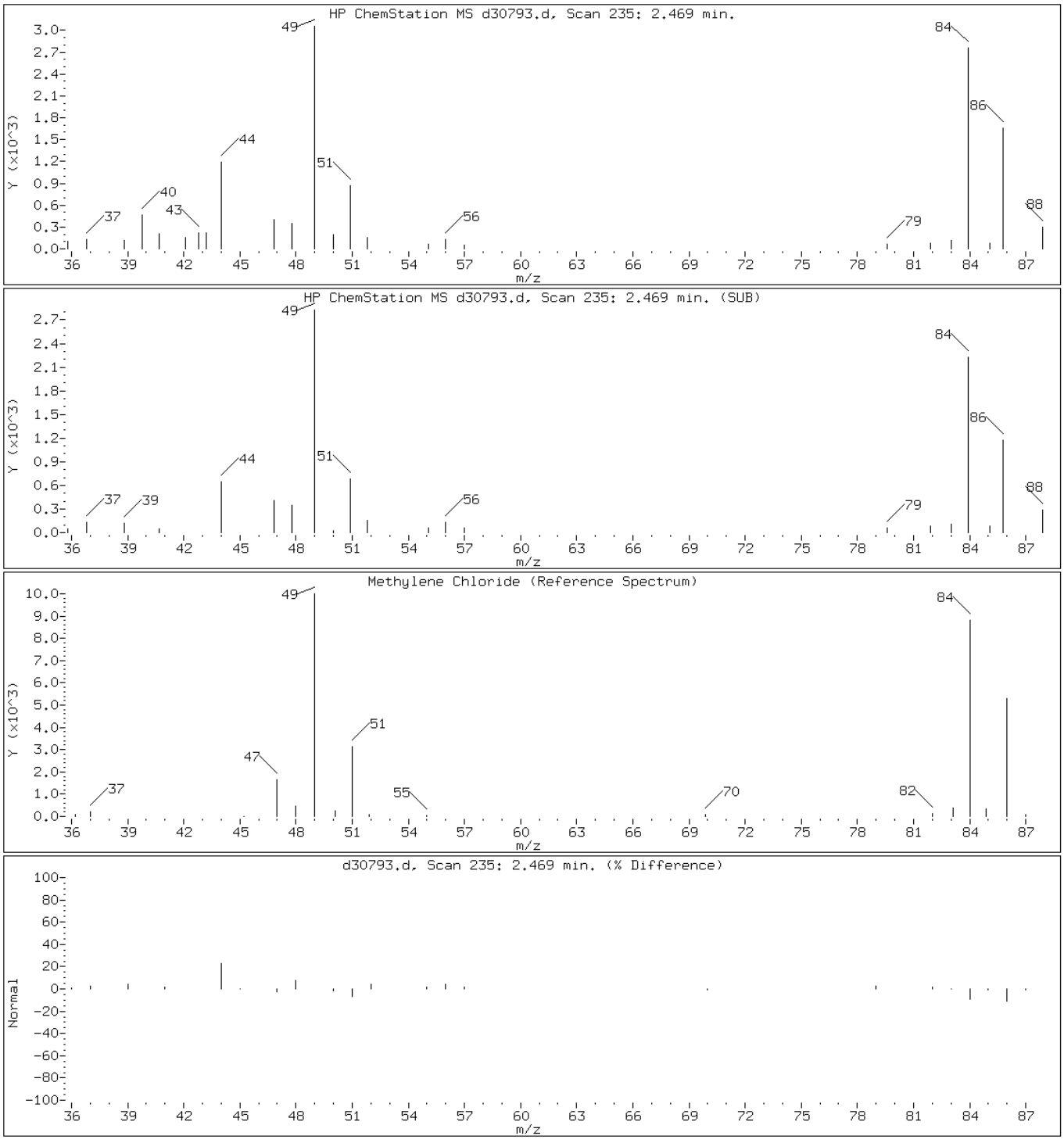
Data File: d30793.d

Date: 22-MAR-2013 14:07

Client ID: Instrument: VOAMS4.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.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152393/5

Matrix: Solid Lab File ID: d30813.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2013 00:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
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
78-93-3	2-Butanone	0.63	U	10	0.63
67-64-1	Acetone	2.94	J	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
591-78-6	2-Hexanone	0.13	U	10	0.13
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
123-91-1	1,4-Dioxane	13	U	50	13
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.13	U	1.0	0.13
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
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
76-13-1	Freon TF	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
75-09-2	Methylene Chloride	2.71		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
1634-04-4	MTBE	0.11	U	1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152393/5

Matrix: Solid Lab File ID: d30813.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2013 00:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
100-42-5	Styrene	0.28	U	1.0	0.28
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
108-88-3	Toluene	0.14	U	1.0	0.14
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	84		70-130
460-00-4	Bromofluorobenzene	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152393/5

Matrix: Solid Lab File ID: d30813.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2013 00:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30813.d
Report Date: 23-Mar-2013 02:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30813.d
Lab Smp Id: MB
Inj Date : 23-MAR-2013 00:05
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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	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)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.469	2.457	(0.542)	7602	2.70930	2.7
	7 Acetone	43	2.516	2.510	(0.553)	2760	2.94128	2.9(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	75303	49.6297	50
*	69 Fluorobenzene	96	4.551	4.546	(1.000)	365017	50.0000	
$	37 Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	253770	42.0617	42
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	235742	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	114733	42.6697	43
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	130014	50.0000	

QC Flag Legend

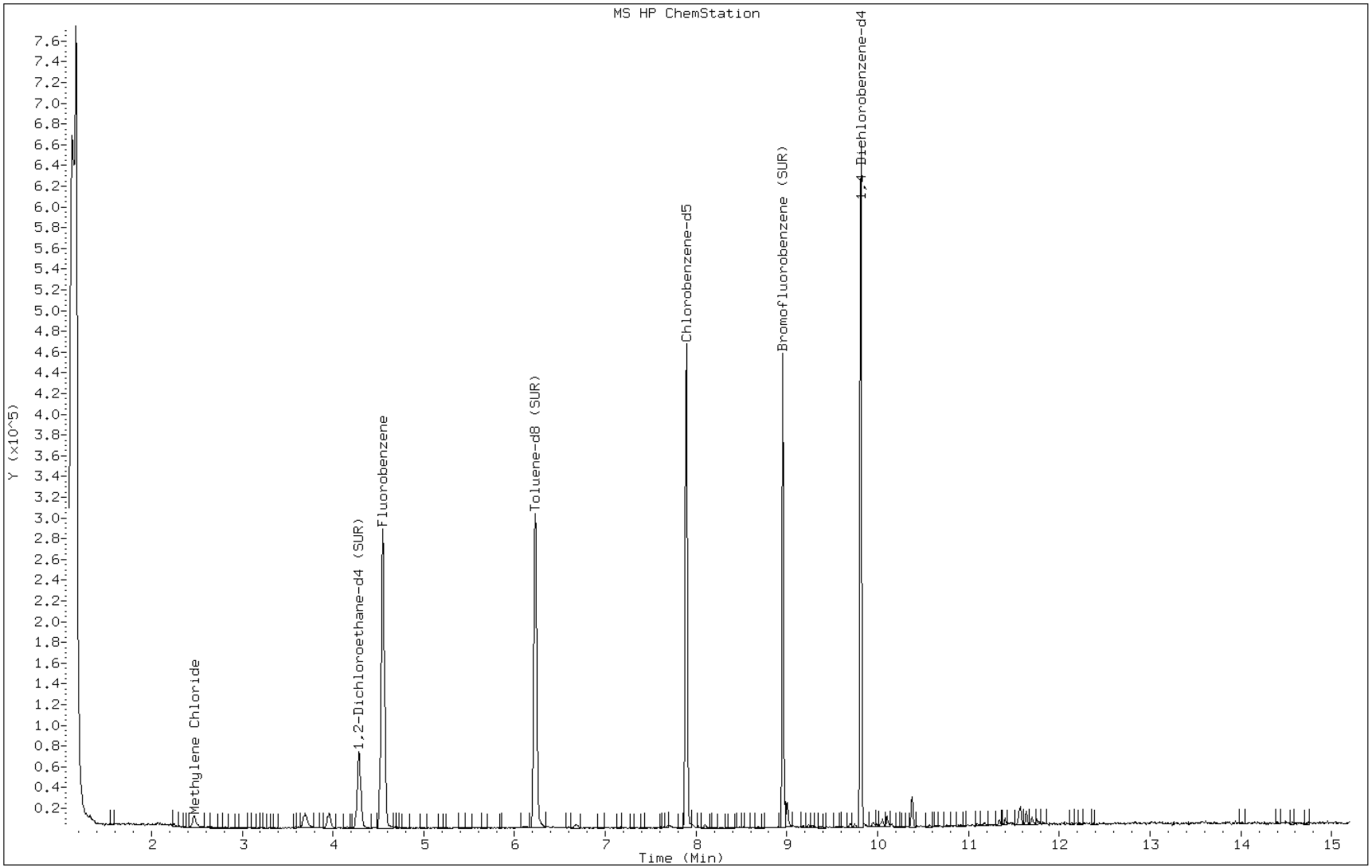
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d30813.d

Date: 23-MAR-2013 00:05

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



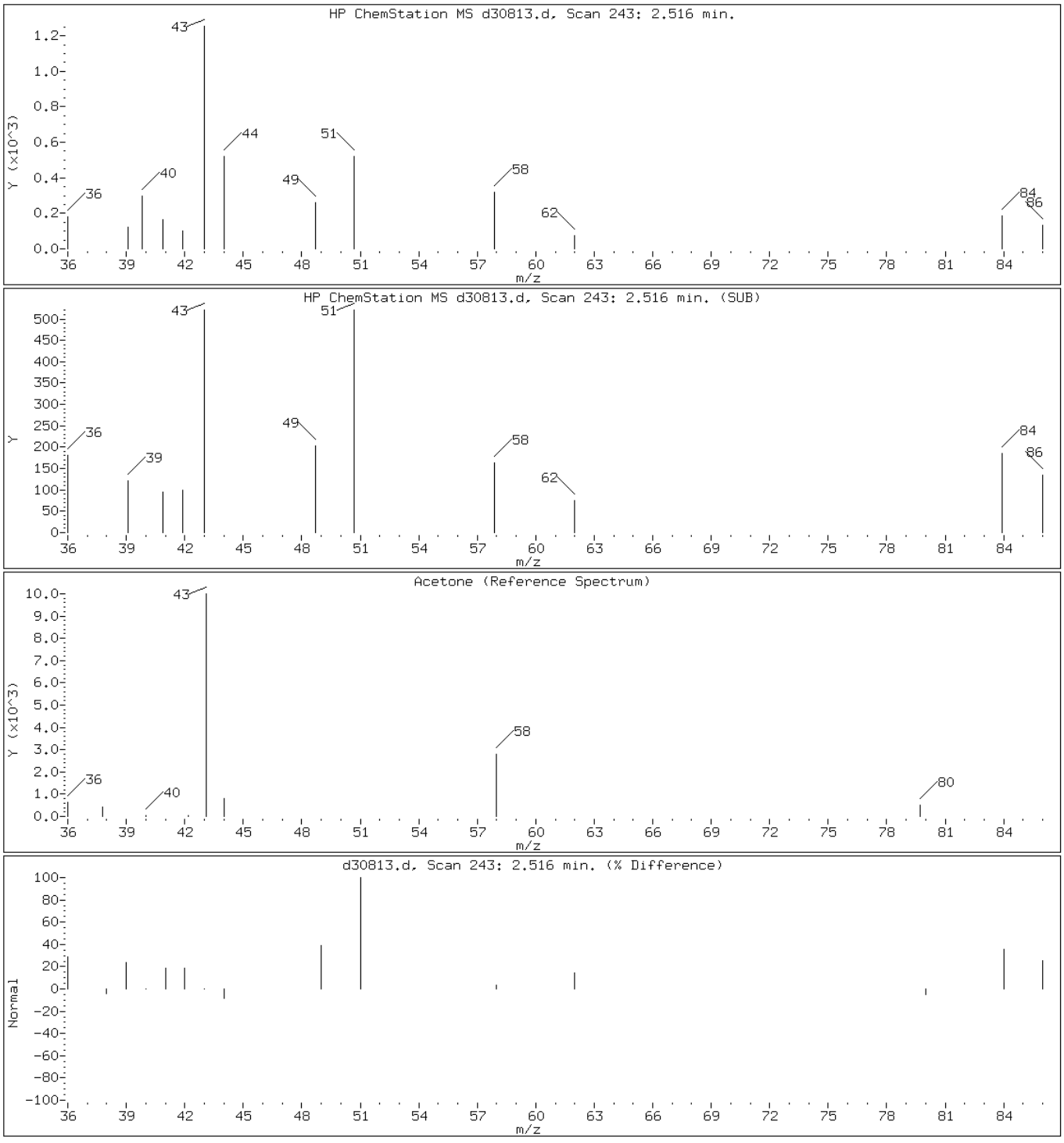
Data File: d30813.d

Date: 23-MAR-2013 00:05

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



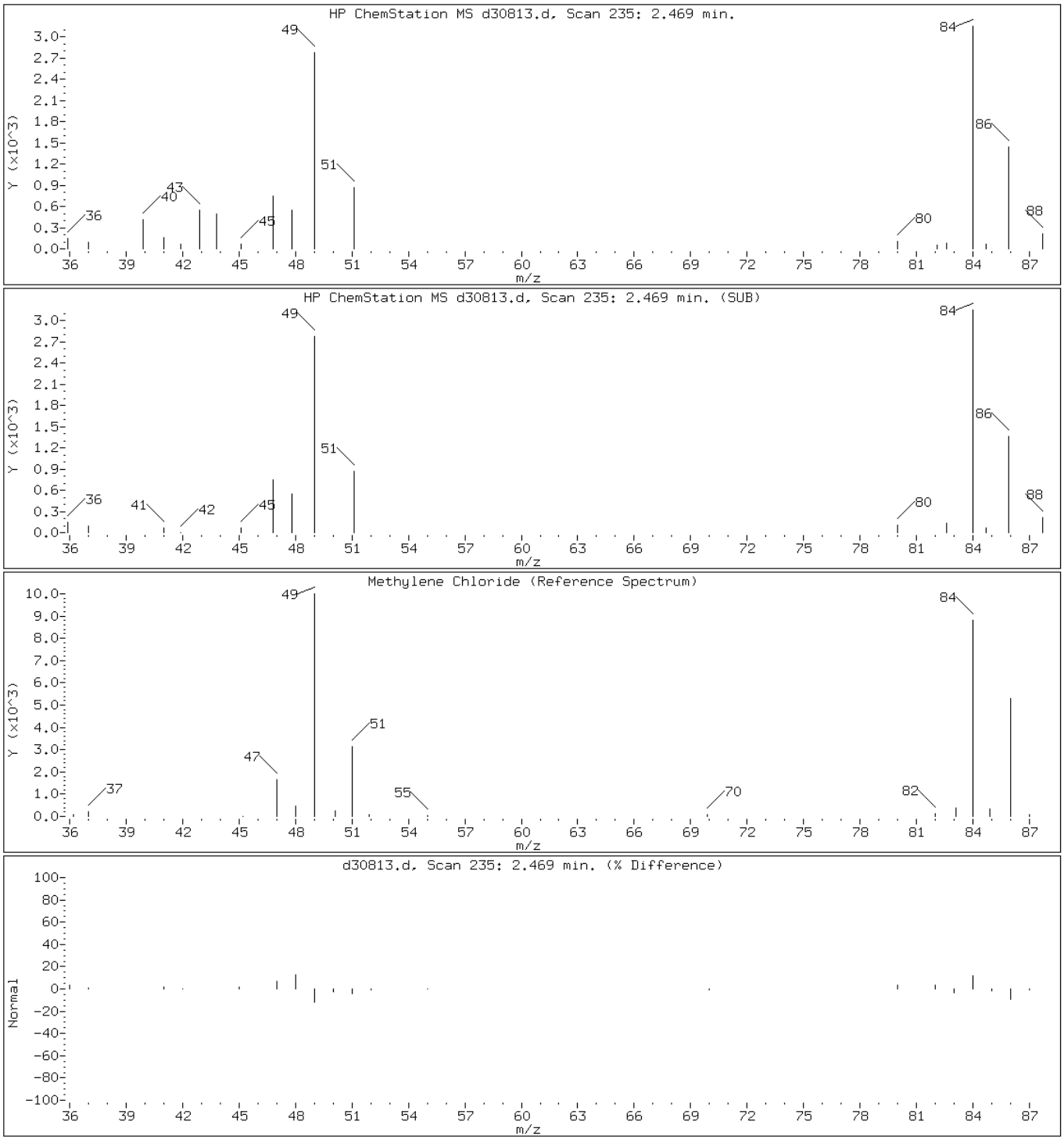
Data File: d30813.d

Date: 23-MAR-2013 00:05

Client ID: Instrument: VOAMS4.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.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152400/5

Matrix: Solid | Lab File ID: d30836.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/23/2013 08:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
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
78-93-3	2-Butanone	0.63	U	10	0.63
67-64-1	Acetone	2.98	J	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
591-78-6	2-Hexanone	0.13	U	10	0.13
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
123-91-1	1,4-Dioxane	13	U	50	13
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.13	U	1.0	0.13
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
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
76-13-1	Freon TF	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
75-09-2	Methylene Chloride	2.03		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
1634-04-4	MTBE	0.11	U	1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152400/5

Matrix: Solid | Lab File ID: d30836.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/23/2013 08:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 152400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
100-42-5	Styrene	0.28	U	1.0	0.28
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
108-88-3	Toluene	0.14	U	1.0	0.14
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152400/5

Matrix: Solid Lab File ID: d30836.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2013 08:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30836.d
Report Date: 25-Mar-2013 00:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30836.d
Lab Smp Id: MB
Inj Date : 23-MAR-2013 08:56
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	2.469	2.469	(0.544)	5918	2.02558	2.0
	7 Acetone	43	2.522	2.522	(0.556)	2915	2.98371	3.0(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.275	4.287	(0.942)	84551	53.5171	54
*	69 Fluorobenzene	96	4.539	4.545	(1.000)	380074	50.0000	
$	37 Toluene-d8 (SUR)	98	6.222	6.228	(0.789)	303051	49.8185	50
*	32 Chlorobenzene-d5	117	7.886	7.892	(1.000)	237689	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.951	8.957	(0.912)	136992	49.4775	49
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	133878	50.0000	

QC Flag Legend

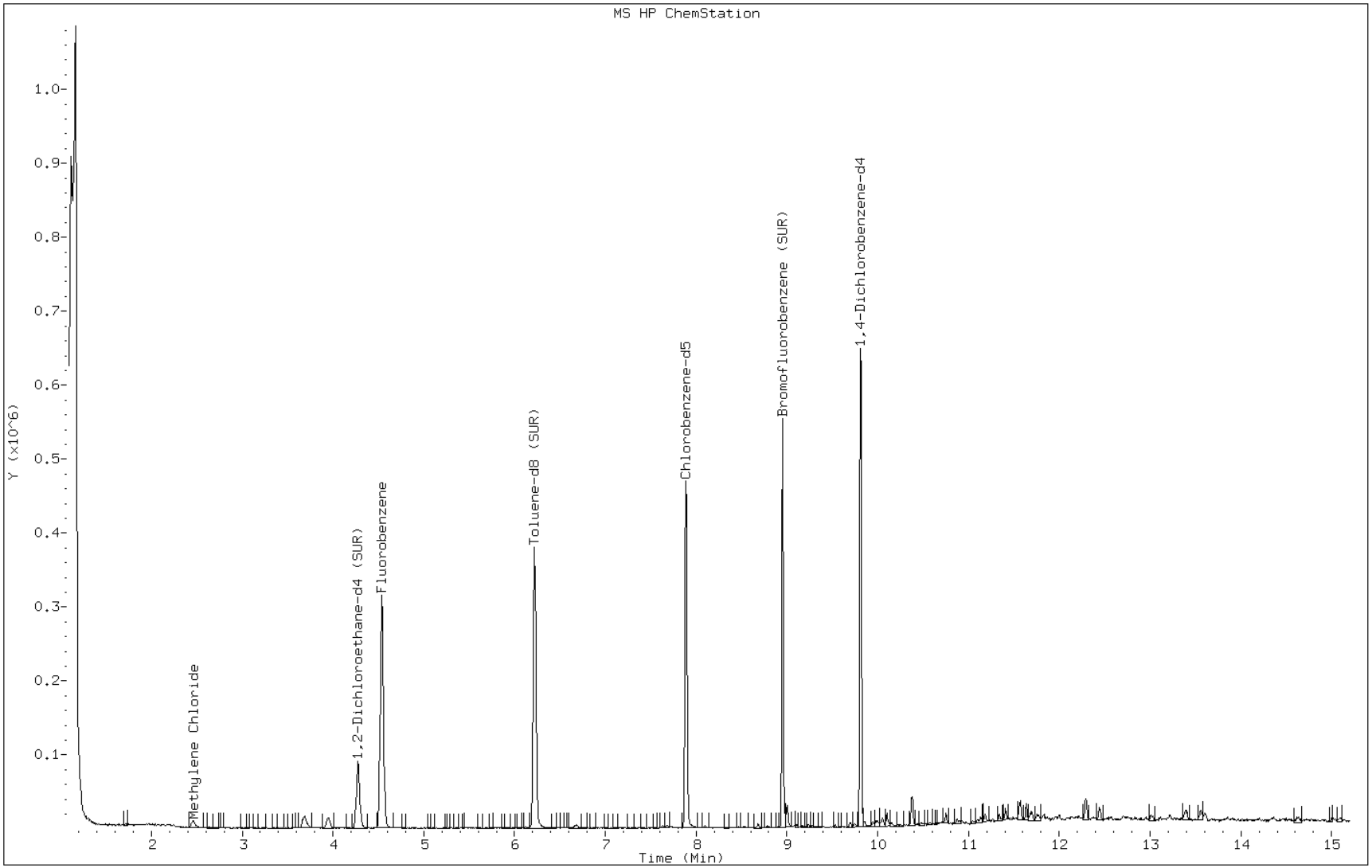
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d30836.d

Date: 23-MAR-2013 08:56

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



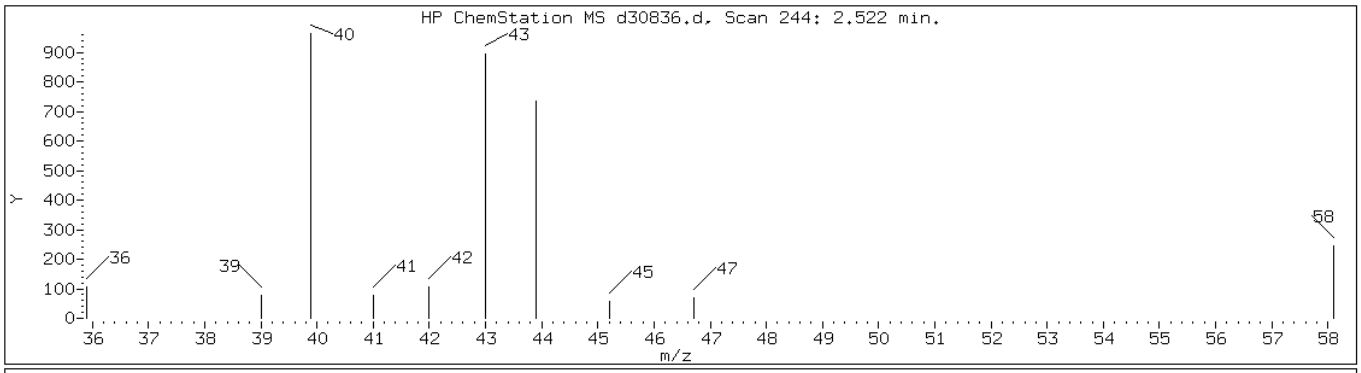
Data File: d30836.d

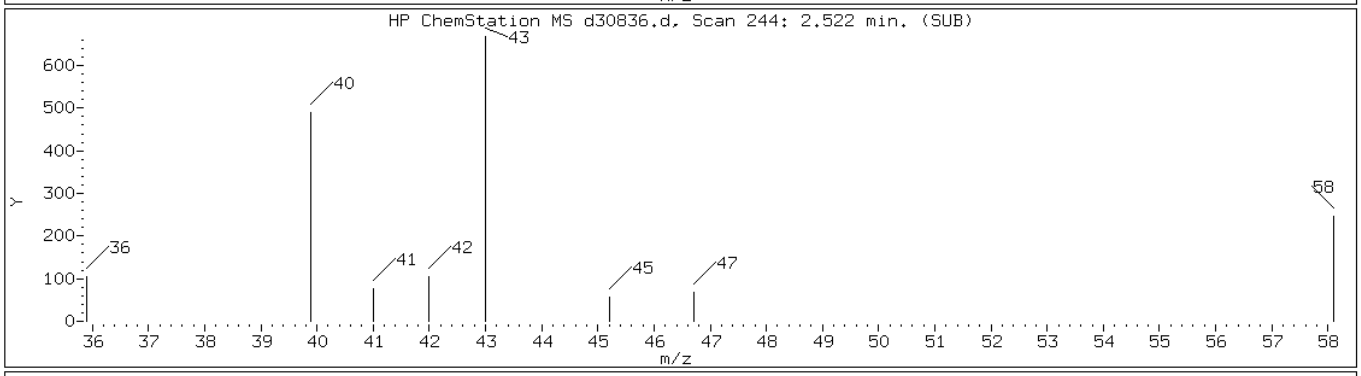
Date: 23-MAR-2013 08:56

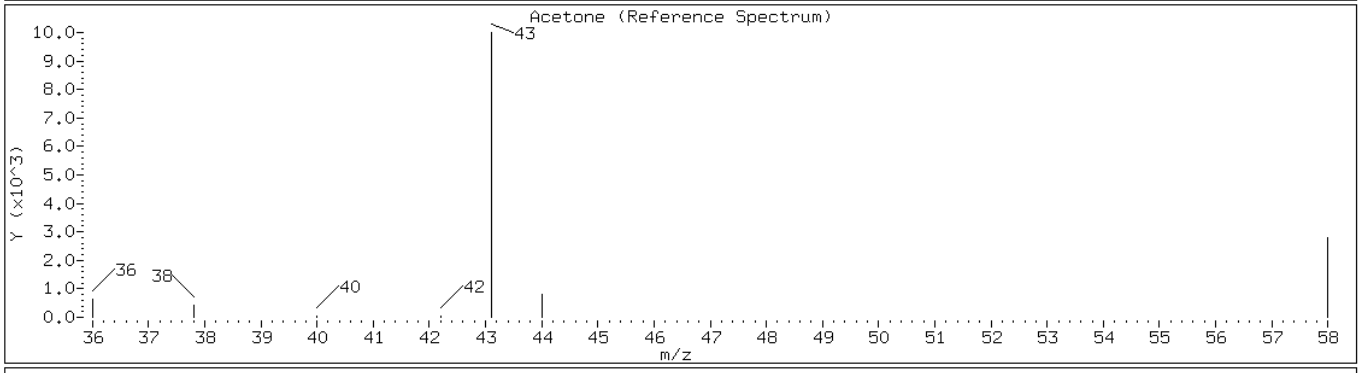
Client ID: Instrument: VOAMS4.i

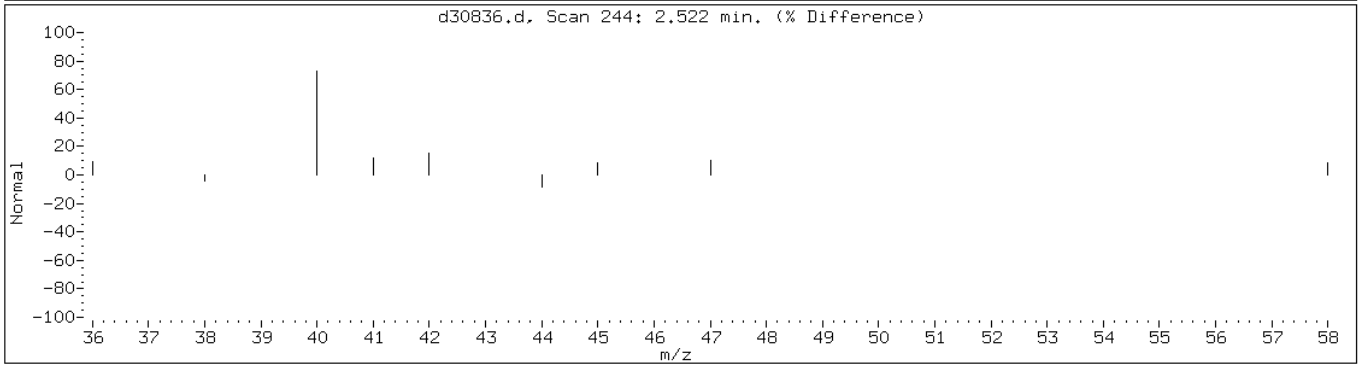
Sample Info: MB Operator: VOAMS 9

7 Acetone









Data File: d30836.d

Date: 23-MAR-2013 08:56

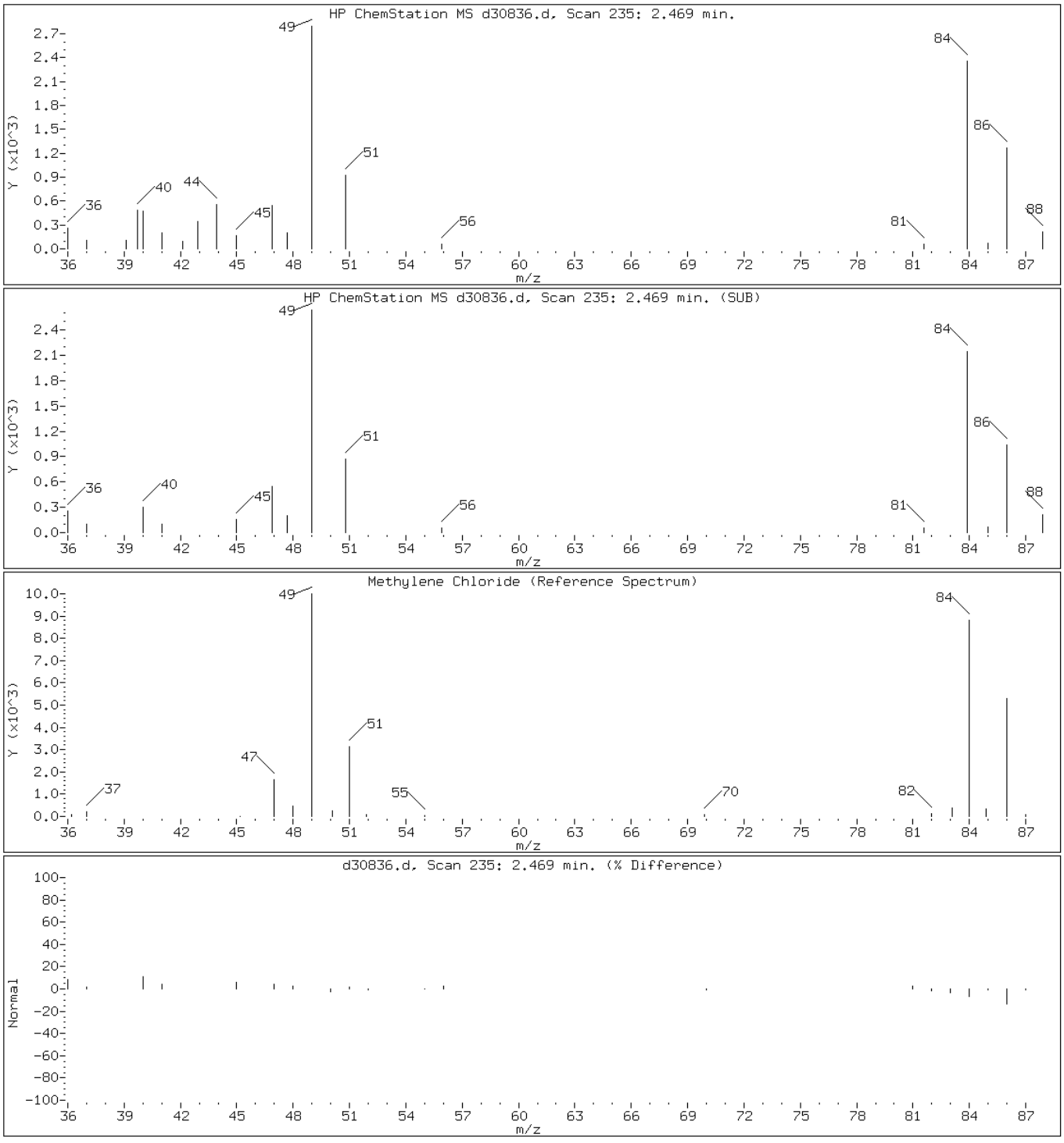
Client ID:

Instrument: VOAMS4.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.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152550/4

Matrix: Solid | Lab File ID: b53769.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/25/2013 05:43

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.: 152550 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
78-93-3	2-Butanone	230	U	500	230
67-64-1	Acetone	270	U	500	270
71-43-2	Benzene	8.3	U	100	8.3
591-78-6	2-Hexanone	50	U	500	50
75-25-2	Bromoform	19	U	100	19
74-83-9	Bromomethane	18	U	100	18
75-15-0	Carbon disulfide	13	U	100	13
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
123-91-1	1,4-Dioxane	3600	U	5000	3600
108-90-7	Chlorobenzene	11	U	100	11
75-00-3	Chloroethane	17	U	100	17
67-66-3	Chloroform	7.9	U	100	7.9
74-87-3	Chloromethane	9.7	U	100	9.7
108-10-1	4-Methyl-2-pentanone	99	U	500	99
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
110-82-7	Cyclohexane	16	U	100	16
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
100-41-4	Ethylbenzene	9.6	U	100	9.6
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
76-13-1	Freon TF	8.2	U	100	8.2
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
98-82-8	Isopropylbenzene	7.7	U	100	7.7
79-20-9	Methyl acetate	34	U	200	34
108-87-2	Methylcyclohexane	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
75-09-2	Methylene Chloride	18	U	100	18
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
1634-04-4	MTBE	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152550/4

Matrix: Solid | Lab File ID: b53769.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/25/2013 05:43

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.: 152550 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
100-42-5	Styrene	12	U	100	12
106-93-4	1,2-Dibromoethane	28	U	100	28
127-18-4	Tetrachloroethene	9.7	U	100	9.7
75-71-8	Dichlorodifluoromethane	22	U	100	22
108-88-3	Toluene	15	U	100	15
74-97-5	Bromochloromethane	27	U	100	27
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
75-27-4	Bromodichloromethane	13	U	100	13
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
79-01-6	Trichloroethene	9.2	U	100	9.2
75-69-4	Trichlorofluoromethane	15	U	100	15
75-01-4	Vinyl chloride	14	U	100	14
1330-20-7	Xylenes, Total	36	U	300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	90		59-150
460-00-4	Bromofluorobenzene	101		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152550/4

Matrix: Solid Lab File ID: b53769.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/25/2013 05:43

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.: 152550 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53769.d
Report Date: 25-Mar-2013 07:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53769.d
Lab Smp Id: MB
Inj Date : 25-MAR-2013 05:43
Operator : Inst ID: VOAMS2.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/8260_09.m
Meth Date : 25-Mar-2013 04:12 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 6 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

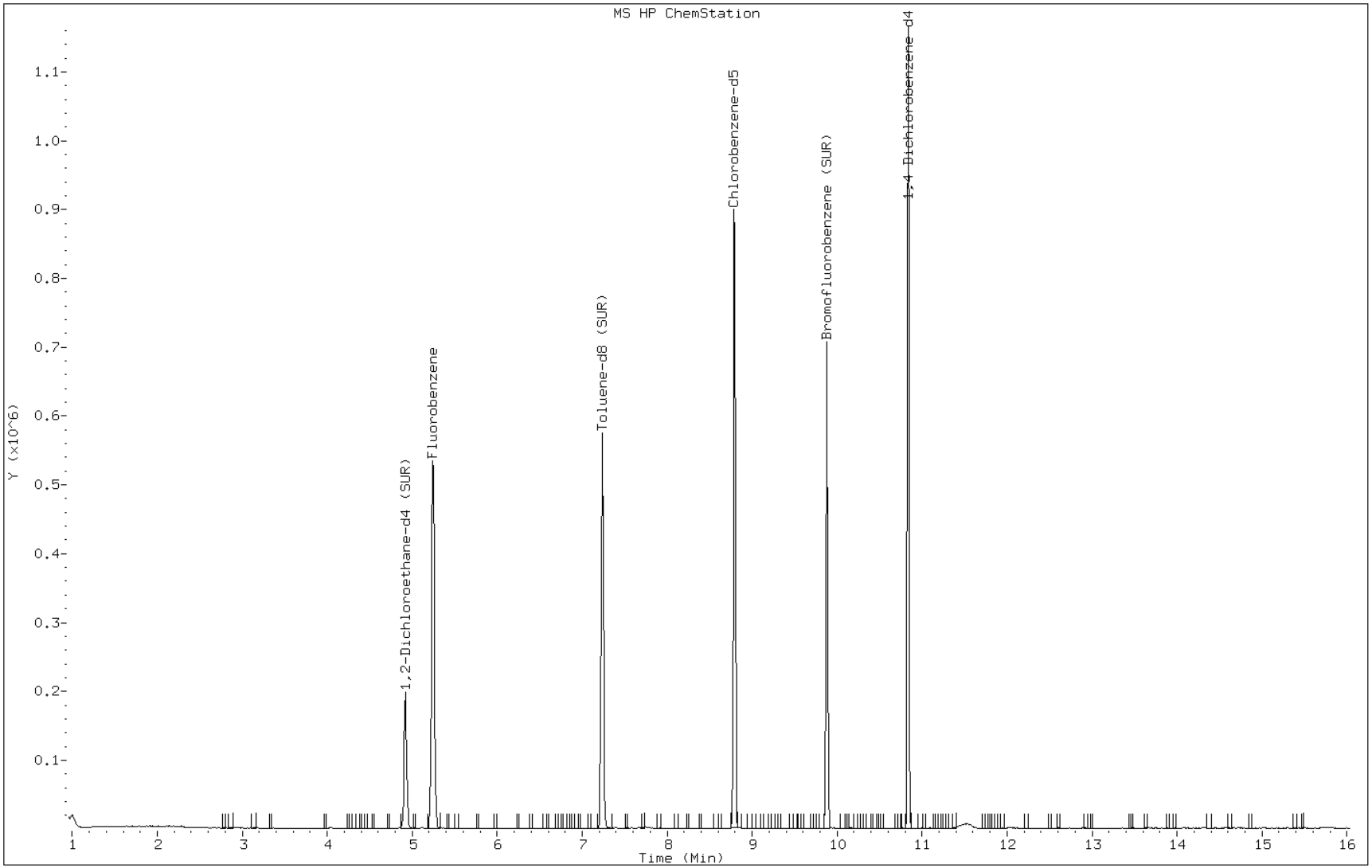
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.920	4.912	(0.939)	154363	45.1229	4500
* 52 Fluorobenzene	96	5.241	5.241	(1.000)	577091	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.241	7.233	(0.824)	410697	44.9427	4500
* 78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	450484	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.883	9.883	(0.912)	166151	50.4114	5000
* 108 1,4-Dichlorobenzene-d4	152	10.837	10.837	(1.000)	225161	50.0000	

Data File: b53769.d

Date: 25-MAR-2013 05:43

Client ID: Instrument: VOAMS2.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152683/5

Matrix: Solid | Lab File ID: o71642.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/25/2013 18:02

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.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
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
78-93-3	2-Butanone	0.63	U	10	0.63
67-64-1	Acetone	3.32	J	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
591-78-6	2-Hexanone	0.13	U	10	0.13
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
123-91-1	1,4-Dioxane	13	U	50	13
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.13	U	1.0	0.13
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
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
76-13-1	Freon TF	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
75-09-2	Methylene Chloride	0.168	J	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
1634-04-4	MTBE	0.11	U	1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-152683/5

Matrix: Solid | Lab File ID: o71642.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/25/2013 18:02

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.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
100-42-5	Styrene	0.28	U	1.0	0.28
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
108-88-3	Toluene	0.14	U	1.0	0.14
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152683/5

Matrix: Solid Lab File ID: o71642.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2013 18:02

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.: 152683 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71642.d
Report Date: 25-Mar-2013 19:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71642.d
Lab Smp Id: MB
Inj Date : 25-MAR-2013 18:02
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/8260L_10.m
Meth Date : 25-Mar-2013 16:37 audberto Quant Type: ISTD
Cal Date : 09-MAR-2013 08:54 Cal File: o70919.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 * ((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)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.646	(0.449)	3954	3.31707	3.3(a)
	6 Methylene Chloride	84	1.890	1.876	(0.513)	631	0.16789	0.17(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.387	3.380	(0.920)	107205	49.7058	50
*	69 Fluorobenzene	96	3.681	3.674	(1.000)	627299	50.0000	
$	37 Toluene-d8 (SUR)	98	5.357	5.357	(0.740)	385429	45.7337	46
*	32 Chlorobenzene-d5	117	7.241	7.234	(1.000)	452008	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.039	9.039	(0.829)	180244	45.0873	45
*	91 1,4-Dichlorobenzene-d4	152	10.901	10.901	(1.000)	254826	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o71642.d

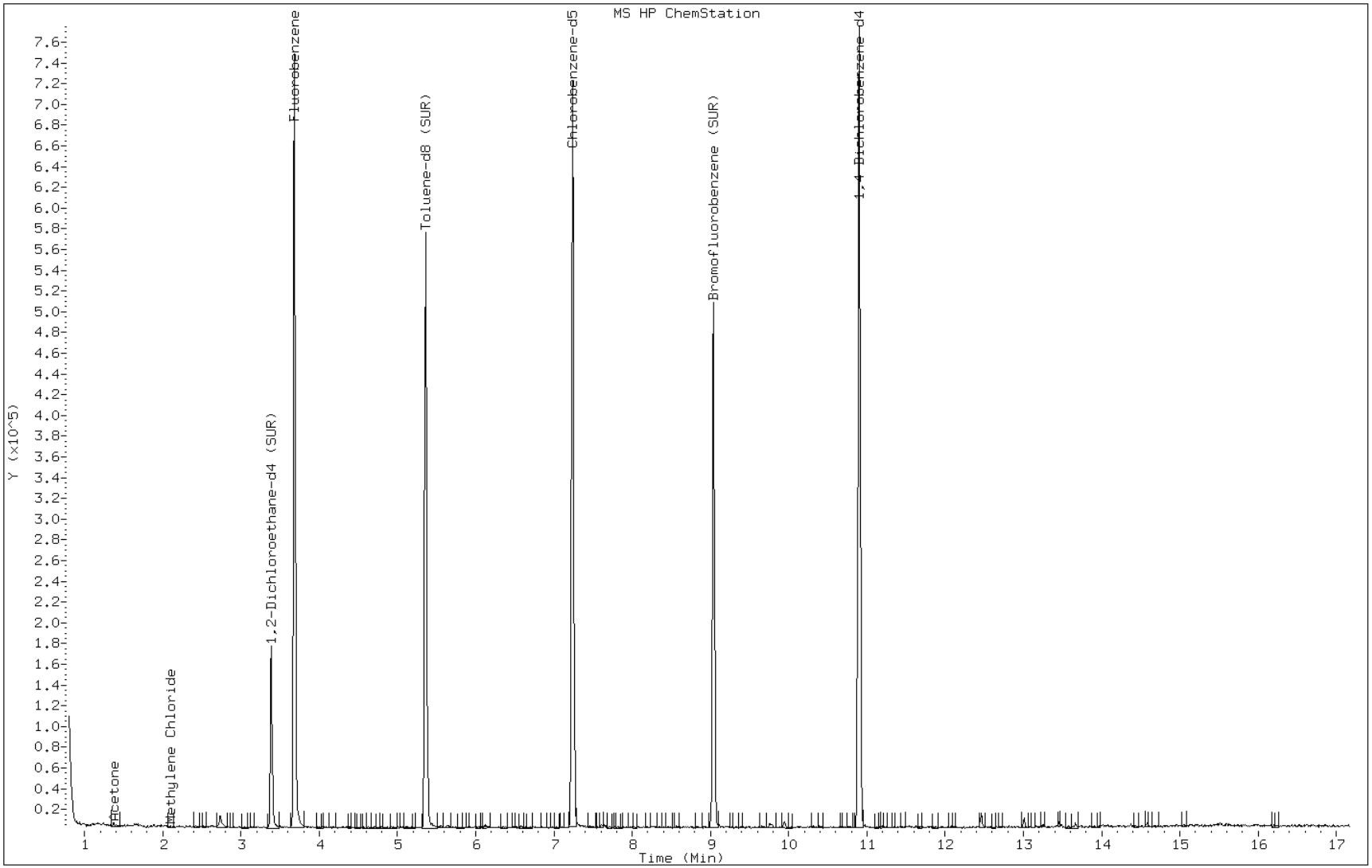
Date: 25-MAR-2013 18:02

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



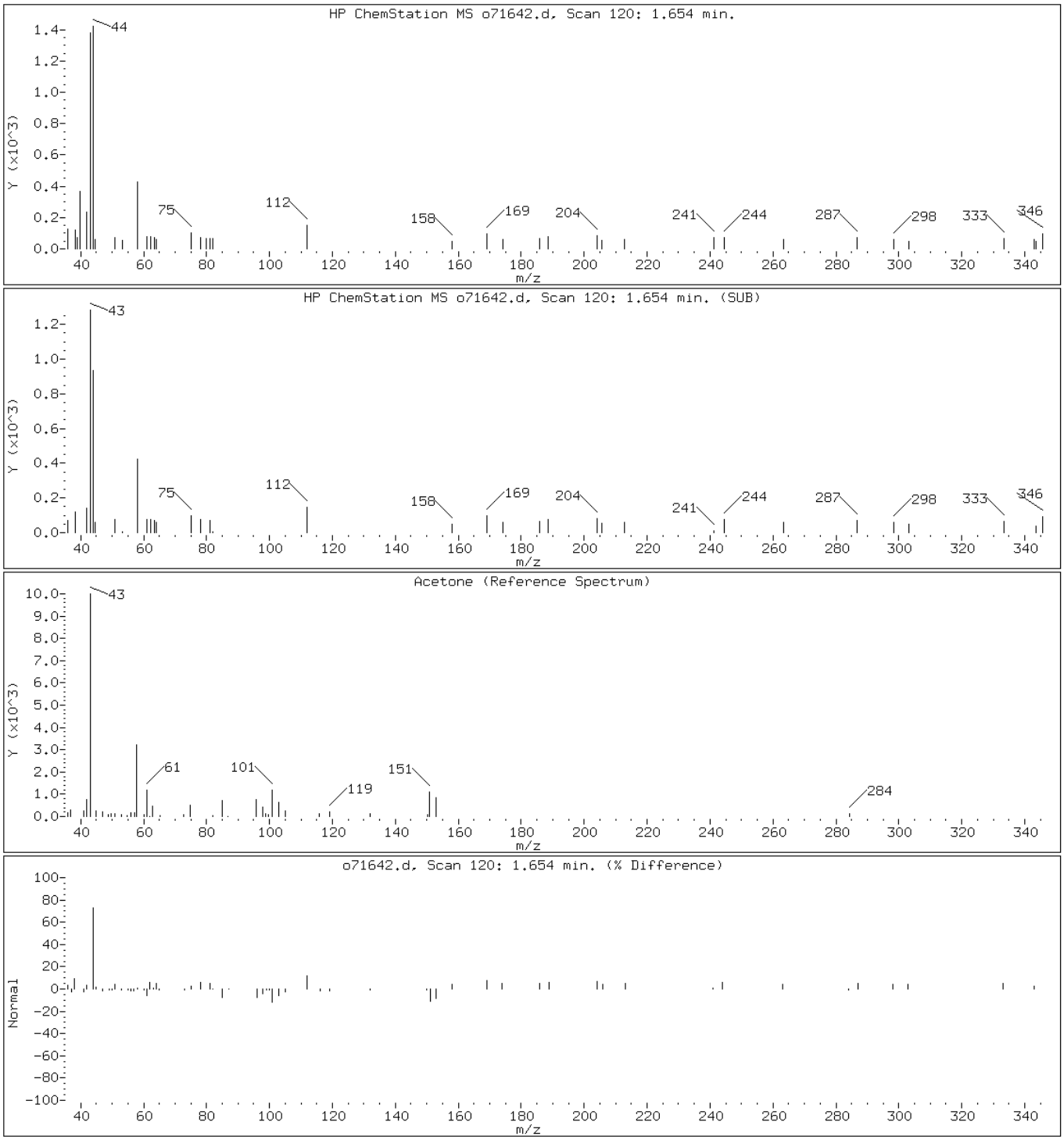
Data File: o71642.d

Date: 25-MAR-2013 18:02

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



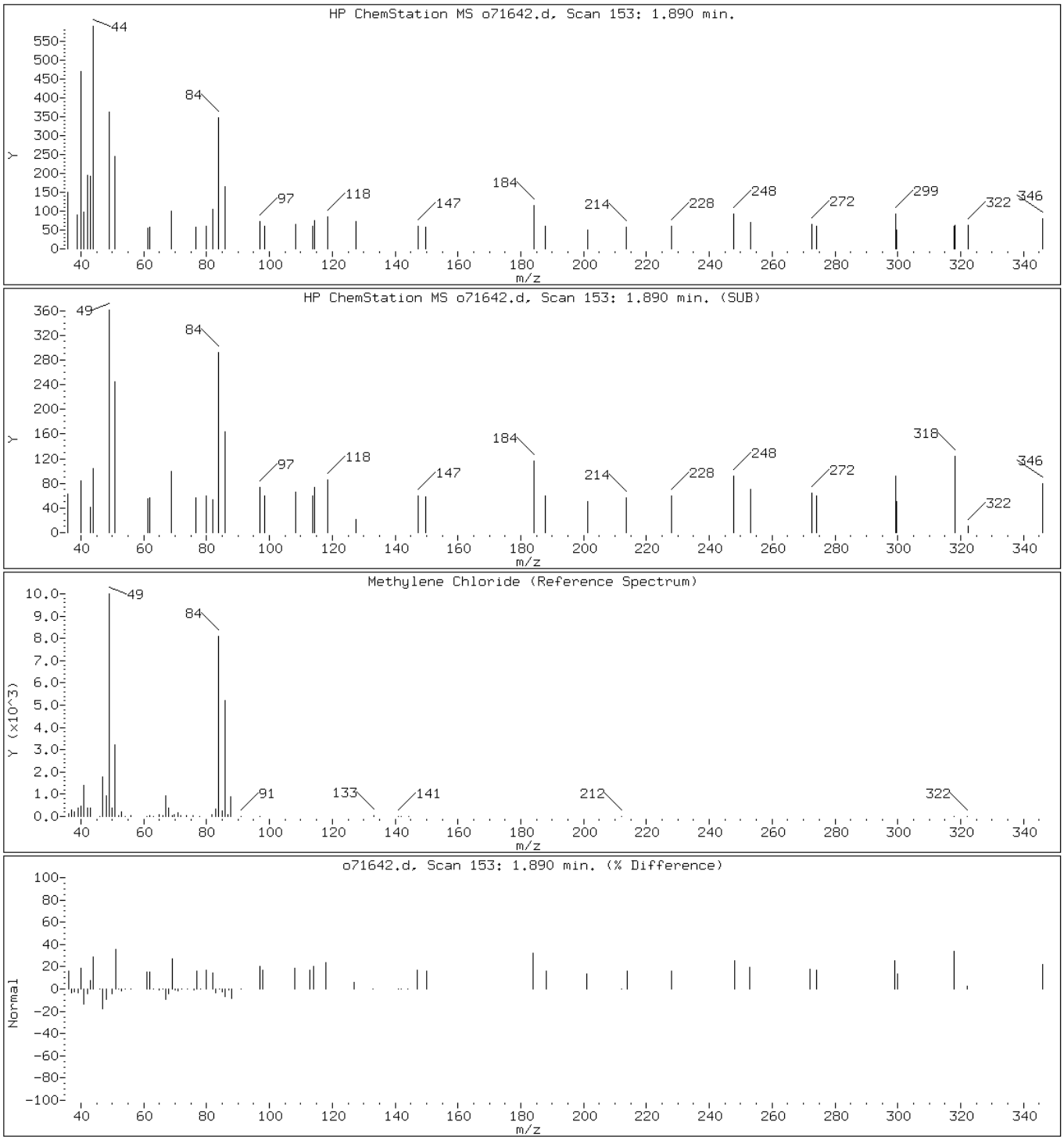
Data File: o71642.d

Date: 25-MAR-2013 18:02

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.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151692/3

Matrix: Solid | Lab File ID: b53480.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/19/2013 05:34

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.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1960		100	8.8
75-34-3	1,1-Dichloroethane	2050		100	13
107-06-2	1,2-Dichloroethane	2010		100	19
71-55-6	1,1,1-Trichloroethane	2110		100	6.2
78-93-3	2-Butanone	2100		500	230
67-64-1	Acetone	1690		500	270
71-43-2	Benzene	2010		100	8.3
591-78-6	2-Hexanone	2080		500	50
75-25-2	Bromoform	1780		100	19
74-83-9	Bromomethane	2010		100	18
75-15-0	Carbon disulfide	2050		100	13
56-23-5	Carbon tetrachloride	2130		100	5.7
123-91-1	1,4-Dioxane	11100		5000	3600
108-90-7	Chlorobenzene	2030		100	11
75-00-3	Chloroethane	1970		100	17
67-66-3	Chloroform	2060		100	7.9
74-87-3	Chloromethane	2000		100	9.7
108-10-1	4-Methyl-2-pentanone	2150		500	99
156-59-2	cis-1,2-Dichloroethene	2070		100	18
10061-01-5	cis-1,3-Dichloropropene	2080		100	18
95-50-1	1,2-Dichlorobenzene	2090		100	21
110-82-7	Cyclohexane	2250		100	16
541-73-1	1,3-Dichlorobenzene	2080		100	14
106-46-7	1,4-Dichlorobenzene	2030		100	23
120-82-1	1,2,4-Trichlorobenzene	2130		100	34
100-41-4	Ethylbenzene	2120		100	9.6
87-61-6	1,2,3-Trichlorobenzene	2140		100	51
76-13-1	Freon TF	2220		100	8.2
78-87-5	1,2-Dichloropropane	2040		100	8.6
98-82-8	Isopropylbenzene	2220		100	7.7
79-20-9	Methyl acetate	2040		200	34
108-87-2	Methylcyclohexane	2230		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	2180		100	40
75-09-2	Methylene Chloride	1790		100	18
79-34-5	1,1,2,2-Tetrachloroethane	2050		100	16
1634-04-4	MTBE	2070		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151692/3

Matrix: Solid Lab File ID: b53480.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/19/2013 05:34

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.: 151692 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	2000		100	19
124-48-1	Dibromochloromethane	1980		100	20
100-42-5	Styrene	2170		100	12
106-93-4	1,2-Dibromoethane	2080		100	28
127-18-4	Tetrachloroethene	2120		100	9.7
75-71-8	Dichlorodifluoromethane	2030		100	22
108-88-3	Toluene	2010		100	15
74-97-5	Bromochloromethane	1950		100	27
156-60-5	trans-1,2-Dichloroethene	1980		100	13
75-27-4	Bromodichloromethane	1990		100	13
10061-02-6	trans-1,3-Dichloropropene	2080		100	24
79-01-6	Trichloroethene	2010		100	9.2
75-69-4	Trichlorofluoromethane	1760		100	15
75-01-4	Vinyl chloride	2050		100	14
1330-20-7	Xylenes, Total	6310		300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-135
2037-26-5	Toluene-d8 (Surr)	99		59-150
460-00-4	Bromofluorobenzene	102		72-133

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53480.d
Report Date: 20-Mar-2013 12:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53480.d
Lab Smp Id: LCS
Inj Date : 19-MAR-2013 05:34
Operator : Inst ID: VOAMS2.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/8260_09.m
Meth Date : 20-Mar-2013 12:52 delpolit Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 4 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)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.159	1.151	(0.222)	66312	20.2852	2000
3 Chloromethane	50	1.307	1.299	(0.250)	82772	19.9511	2000
4 Vinyl Chloride	62	1.390	1.382	(0.266)	75091	20.5146	2000
6 Bromomethane	94	1.645	1.645	(0.314)	27091	20.0891	2000
5 Chloroethane	64	1.702	1.686	(0.325)	32780	19.7439	2000
183 Dichlorofluoromethane	67	1.875	1.867	(0.358)	109880	20.0051	2000
7 Trichlorofluoromethane	101	1.875	1.859	(0.358)	45932	17.5989	1800
8 n-Pentane	72	1.925	1.908	(0.368)	11722	45.2117	4500
9 Ethanol	46	2.122	2.139	(0.406)	90809	3645.19	360000
11 Ethyl Ether	59	2.122	2.122	(0.406)	55653	20.0354	2000
13 Acrolein	56	2.295	2.295	(0.439)	38981	43.4940	4300
14 Freon TF	101	2.287	2.270	(0.437)	34552	22.1735	2200
15 1,1-Dichloroethene	96	2.311	2.303	(0.442)	29846	19.5615	2000
16 Acetone	43	2.418	2.402	(0.462)	84305	16.8560	1700

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53480.d
Report Date: 20-Mar-2013 12:55

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	17 Iodomethane	142	2.459	2.443	(0.470)	131381	19.7093	2000
	18 Carbon Disulfide	76	2.476	2.460	(0.473)	175639	20.4732	2000
	170 Cyclopentene	67	2.657	2.641	(0.508)	135780	21.3576	2100
	27 Methyl Acetate	43	2.673	2.657	(0.511)	130144	20.4218	2000
	21 Acetonitrile	41	2.731	2.748	(0.522)	433167	428.471	43000
	22 Methylene Chloride	84	2.780	2.772	(0.531)	67878	17.8793	1800
	24 TBA	59	2.887	2.879	(0.552)	291069	406.771	41000
	28 MTBE	73	2.961	2.962	(0.566)	234490	20.7144	2100
	25 trans-1,2-Dichloroethene	96	2.978	2.970	(0.569)	56584	19.7779	2000
	26 Acrylonitrile	53	3.068	3.052	(0.586)	57807	22.9942	2300
	29 Hexane	43	3.143	3.135	(0.601)	76396	22.4443	2200
	32 DIPE	45	3.406	3.398	(0.651)	295196	21.2283	2100
	30 1,1-Dichloroethane	63	3.406	3.398	(0.651)	128900	20.5372	2000
	31 Vinyl Acetate	43	3.447	3.439	(0.659)	641166	43.6734	4400
	34 n-Propanol	42	3.554	3.546	(0.679)	139525	3283.41	330000
	35 t-Butyl-ethyl-ether	59	3.760	3.752	(0.718)	248789	20.7747	2100
	37 2,2-Dichloropropane	77	3.965	3.949	(0.758)	80792	21.3521	2100
	36 cis-1,2-Dichloroethene	96	3.998	3.990	(0.764)	83237	20.6781	2100
	38 2-Butanone	72	4.031	4.023	(0.770)	16623	21.0172	2100
	39 Ethyl Acetate	70	4.056	4.048	(0.775)	25538	40.8569	4100
	40 Bromochloromethane	128	4.254	4.245	(0.813)	41927	19.5169	2000
	41 Tetrahydrofuran	42	4.245	4.237	(0.811)	49040	21.1370	2100
	42 Chloroform	83	4.328	4.320	(0.827)	140320	20.5857	2000
	44 Cyclohexane	56	4.443	4.435	(0.849)	97046	22.5043	2200
	43 1,1,1-Trichloroethane	97	4.476	4.459	(0.855)	89937	21.0507	2100
	45 Carbon Tetrachloride	117	4.607	4.599	(0.880)	76051	21.3066	2100
	46 1,1-Dichloropropene	75	4.649	4.641	(0.888)	104391	20.7871	2100
	48 Benzene	78	4.879	4.871	(0.555)	317996	20.1353	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	180947	48.7401	4900
	50 t-Amyl-methyl-ether	73	4.994	4.986	(0.954)	213469	20.8464	2100
	49 1,2-Dichloroethane	62	5.002	4.994	(0.956)	132572	20.1291	2000
	61 Isopropyl Acetate	43	5.019	5.011	(0.959)	588119	41.3648	4100
	51 n-Heptane	57	5.101	5.101	(0.975)	59786	20.6806	2100
*	52 Fluorobenzene	96	5.233	5.225	(1.000)	626272	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.513	5.505	(1.053)	205538	46.0451	4600
	54 Trichloroethene	95	5.661	5.653	(1.082)	83191	20.1195	2000
	53 n-Butanol	56	5.694	5.686	(1.088)	297393	1527.54	150000
	56 Methyl cyclohexane	83	5.792	5.784	(1.107)	100655	22.3063	2200
	55 Ethyl Acrylate	55	5.867	5.859	(1.121)	163417	21.5034	2200
	57 1,2-Dichloropropane	63	6.006	5.998	(1.148)	92385	20.3691	2000
	58 Dibromomethane	93	6.163	6.155	(1.178)	63388	20.0576	2000
	59 Methyl Methacrylate	100	6.163	6.155	(1.178)	26482	21.4965	2100
	60 1,4-Dioxane	88	6.163	6.155	(1.178)	7266	111.311	11000
	75 Propyl Acetate	43	6.245	6.237	(1.193)	196865	21.3140	2100
	68 Bromodichloromethane	83	6.369	6.369	(1.217)	104660	19.8796	2000
	62 2-Chloroethyl Vinyl Ether	63	6.821	6.821	(1.304)	72639	21.1210	2100
	63 Epichlorohydrin	57	6.920	6.920	(0.787)	296327	425.568	42000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53480.d
Report Date: 20-Mar-2013 12:55

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	67 cis-1,3-Dichloropropene	75	6.978	6.970	(0.794)	139337	20.7732	2100
	70 4-Methyl-2-Pentanone	43	7.183	7.175	(0.817)	143160	21.5123	2200
$	65 Toluene-d8 (SUR)	98	7.224	7.225	(0.822)	444834	49.5230	5000
	66 Toluene	91	7.307	7.299	(0.831)	325222	20.1352	2000
	64 trans-1,3-Dichloropropene	75	7.677	7.669	(0.874)	125393	20.7898	2100
	69 1,1,2-Trichloroethane	83	7.866	7.858	(0.895)	73845	20.0458	2000
	71 Tetrachloroethene	166	7.883	7.875	(0.897)	74933	21.2182	2100
	72 1,3-Dichloropropane	76	8.039	8.039	(0.915)	147193	20.5823	2000
	73 2-Hexanone	43	8.121	8.122	(0.924)	97451	20.7836	2100
	76 Butyl Acetate	73	8.228	8.229	(0.936)	58235	43.3025	4300
	74 Dibromochloromethane	129	8.237	8.229	(0.937)	74252	19.8327	2000
	77 1,2-Dibromoethane	107	8.352	8.344	(0.950)	89939	20.7613	2100
*	78 Chlorobenzene-d5	117	8.788	8.780	(1.000)	442800	50.0000	
	79 Chlorobenzene	112	8.813	8.813	(1.003)	207237	20.3146	2000
	81 Ethylbenzene	106	8.895	8.895	(1.012)	107118	21.2083	2100
	80 1,1,1,2-Tetrachloroethane	131	8.903	8.904	(1.013)	66649	20.2771	2000
	82 m+p-Xylene	106	9.010	9.011	(1.025)	262383	41.7779	4200
	83 Butyl Acrylate	73	9.381	9.381	(1.067)	72144	16.9979	1700
	84 o-Xylene	106	9.381	9.381	(1.067)	129444	21.2790	2100
	85 Styrene	104	9.405	9.406	(1.070)	223357	21.6552	2200
	87 Amyl Acetate	43	9.578	9.578	(0.884)	192205	21.9390	2200
	86 Bromoform	173	9.586	9.587	(1.091)	46344	17.7794	1800
	88 Isopropylbenzene	105	9.702	9.694	(1.104)	333623	22.1757	2200
$	89 Bromofluorobenzene (SUR)	174	9.874	9.875	(0.912)	155087	50.7656	5100
	91 Bromobenzene	156	9.990	9.990	(0.922)	81019	20.3518	2000
	92 1,1,2,2-Tetrachloroethane	83	10.031	10.031	(0.926)	123457	20.4810	2000
	95 n-Propylbenzene	91	10.055	10.056	(0.929)	418213	22.0214	2200
	93 1,2,3-Trichloropropane	110	10.072	10.072	(0.930)	34142	19.9469	2000
	94 trans-1,4-Dichloro-2-butene	53	10.088	10.089	(0.932)	30888	21.8351	2200
	96 2-Chlorotoluene	91	10.146	10.146	(0.937)	277999	20.7690	2100
	185 4-Ethyltoluene	105	10.154	10.154	(0.938)	304391	19.9837	2000(M)
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	273659	22.0051	2200
	98 4-Chlorotoluene	91	10.245	10.245	(0.946)	255911	21.3820	2100
	99 Butyl Methacrylate	87	10.294	10.294	(0.951)	98061	18.2879	1800
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	226770	22.3669	2200
	101 1,2,4-Trimethylbenzene	105	10.525	10.517	(0.972)	277021	21.9499	2200
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	356474	19.9540	2000
	107 p-Isopropyltoluene	119	10.763	10.763	(0.994)	286201	18.9145	1900
	105 1,3-Dichlorobenzene	146	10.771	10.772	(0.995)	149659	20.7567	2100
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	208701	50.0000	
	109 1,4-Dichlorobenzene	146	10.845	10.846	(1.002)	149264	20.3178	2000
	110 Benzyl Chloride	91	10.969	10.969	(1.013)	189036	17.3839	1700
	171 Indan	117	11.027	11.027	(2.107)	264121	21.2481	2100
	106 n-Butylbenzene	91	11.092	11.093	(1.024)	351714	22.1343	2200
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	145803	20.8595	2100
	112 1,2-Dibromo-3-chloropropane	75	11.775	11.776	(1.087)	21097	21.7720	2200
	113 Camphor	95	12.310	12.311	(1.137)	76022	94.0207	9400

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13.b/b53480.d
Report Date: 20-Mar-2013 12:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	114 1,2,4-Trichlorobenzene	180	12.384	12.385	(1.144)	92582	21.2620	2100
	115 Hexachlorobutadiene	225	12.467	12.467	(1.151)	35471	19.8004	2000
	116 Naphthalene	128	12.598	12.599	(1.163)	300184	21.9302	2200
	117 1,2,3-Trichlorobenzene	180	12.812	12.813	(1.183)	88123	21.4060	2100
M	120 1,2-Dichloroethene (Total)	100				139821	40.4561	4000
M	121 Xylene (Total)	100				391827	63.0569	6300

QC Flag Legend

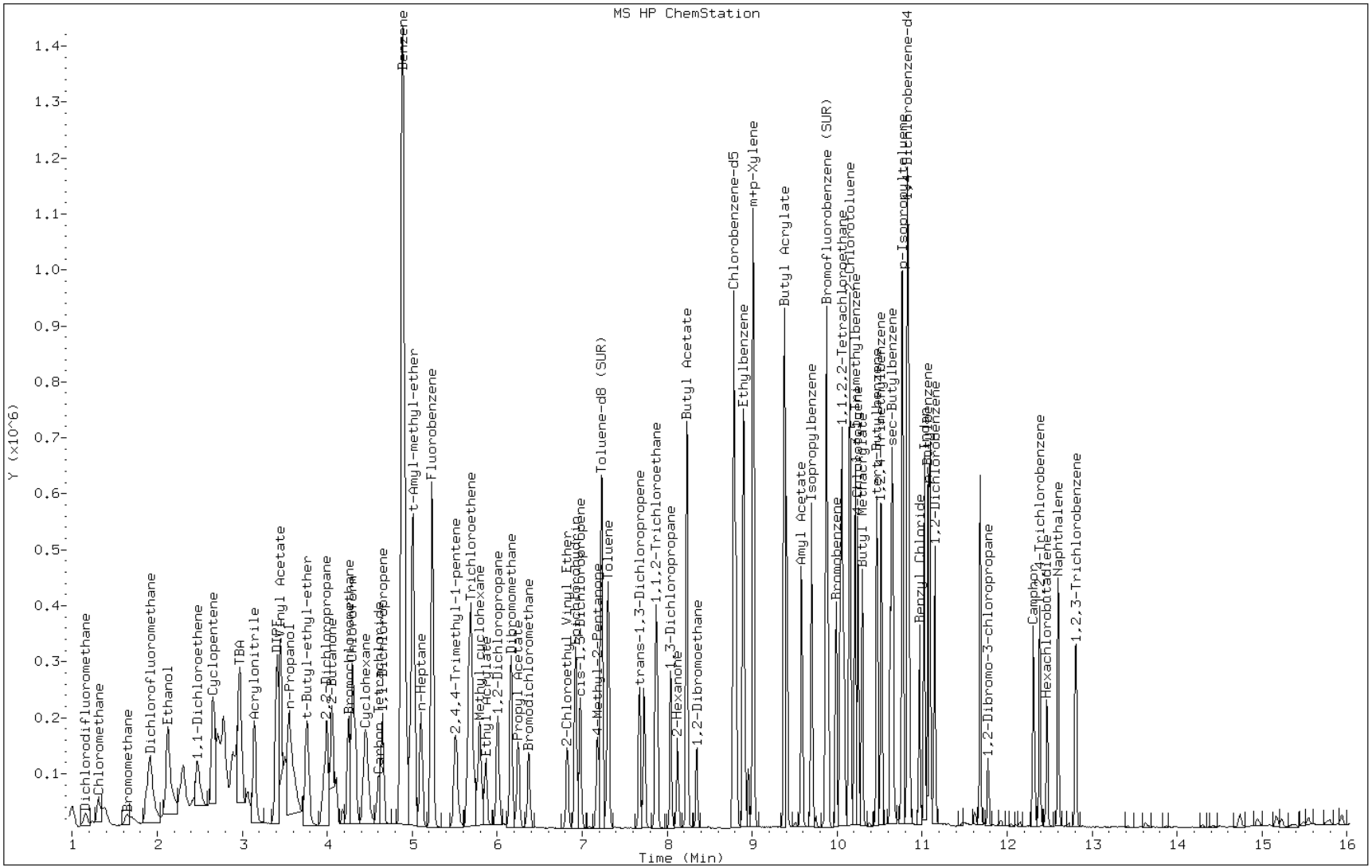
M - Compound response manually integrated.

Data File: b53480.d

Date: 19-MAR-2013 05:34

Client ID: Instrument: VOAMS2.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151820/3

Matrix: Solid | Lab File ID: b53512.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/19/2013 17:39

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.: 151820 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1850		100	8.8
75-34-3	1,1-Dichloroethane	1990		100	13
107-06-2	1,2-Dichloroethane	1880		100	19
71-55-6	1,1,1-Trichloroethane	2000		100	6.2
78-93-3	2-Butanone	1830		500	230
67-64-1	Acetone	1580		500	270
71-43-2	Benzene	1880		100	8.3
591-78-6	2-Hexanone	1890		500	50
75-25-2	Bromoform	1660		100	19
74-83-9	Bromomethane	1820		100	18
75-15-0	Carbon disulfide	1910		100	13
56-23-5	Carbon tetrachloride	2010		100	5.7
123-91-1	1,4-Dioxane	15200		5000	3600
108-90-7	Chlorobenzene	1930		100	11
75-00-3	Chloroethane	1650		100	17
67-66-3	Chloroform	2010		100	7.9
74-87-3	Chloromethane	1810		100	9.7
108-10-1	4-Methyl-2-pentanone	1960		500	99
156-59-2	cis-1,2-Dichloroethene	1970		100	18
10061-01-5	cis-1,3-Dichloropropene	1980		100	18
95-50-1	1,2-Dichlorobenzene	1900		100	21
110-82-7	Cyclohexane	2270		100	16
541-73-1	1,3-Dichlorobenzene	1890		100	14
106-46-7	1,4-Dichlorobenzene	1890		100	23
120-82-1	1,2,4-Trichlorobenzene	1920		100	34
100-41-4	Ethylbenzene	1950		100	9.6
87-61-6	1,2,3-Trichlorobenzene	1780		100	51
76-13-1	Freon TF	2180		100	8.2
78-87-5	1,2-Dichloropropane	1940		100	8.6
98-82-8	Isopropylbenzene	1990		100	7.7
79-20-9	Methyl acetate	1920		200	34
108-87-2	Methylcyclohexane	2270		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	1980		100	40
75-09-2	Methylene Chloride	1720		100	18
79-34-5	1,1,2,2-Tetrachloroethane	1920		100	16
1634-04-4	MTBE	2020		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151820/3

Matrix: Solid Lab File ID: b53512.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/19/2013 17:39

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.: 151820 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1910		100	19
124-48-1	Dibromochloromethane	1890		100	20
100-42-5	Styrene	2030		100	12
106-93-4	1,2-Dibromoethane	1920		100	28
127-18-4	Tetrachloroethene	1930		100	9.7
75-71-8	Dichlorodifluoromethane	1730		100	22
108-88-3	Toluene	1920		100	15
74-97-5	Bromochloromethane	1940		100	27
156-60-5	trans-1,2-Dichloroethene	1920		100	13
75-27-4	Bromodichloromethane	1890		100	13
10061-02-6	trans-1,3-Dichloropropene	1980		100	24
79-01-6	Trichloroethene	1940		100	9.2
75-69-4	Trichlorofluoromethane	1700		100	15
75-01-4	Vinyl chloride	1800		100	14
1330-20-7	Xylenes, Total	5850		300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-135
2037-26-5	Toluene-d8 (Surr)	97		59-150
460-00-4	Bromofluorobenzene	101		72-133

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53512.d
Report Date: 19-Mar-2013 19:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53512.d
Lab Smp Id: LCS
Inj Date : 19-MAR-2013 17:39
Operator : Inst ID: VOAMS2.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/8260_09.m
Meth Date : 19-Mar-2013 18:08 ken Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 4 QC Sample: BS
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)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.143	1.143	(0.218)	56423	17.2927	1700
3 Chloromethane	50	1.299	1.291	(0.248)	74801	18.0636	1800
4 Vinyl Chloride	62	1.373	1.373	(0.262)	65850	18.0236	1800
6 Bromomethane	94	1.637	1.637	(0.313)	24513	18.2115	1800
5 Chloroethane	64	1.719	1.694	(0.328)	27391	16.5295	1600
183 Dichlorofluoromethane	67	1.875	1.867	(0.358)	104543	19.0692	1900
7 Trichlorofluoromethane	101	1.875	1.867	(0.358)	44164	16.9532	1700
8 n-Pentane	72	1.908	1.916	(0.365)	11458	44.2789	4400
9 Ethanol	46	2.122	2.114	(0.406)	69916	2811.78	280000
11 Ethyl Ether	59	2.114	2.106	(0.404)	56718	20.4572	2000
13 Acrolein	56	2.287	2.295	(0.437)	34442	38.5014	3800
14 Freon TF	101	2.287	2.287	(0.437)	33856	21.7679	2200
15 1,1-Dichloroethene	96	2.312	2.303	(0.442)	28147	18.4830	1800
16 Acetone	43	2.410	2.410	(0.461)	78709	15.7666	1600

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53512.d
Report Date: 19-Mar-2013 19:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	17 Iodomethane	142	2.451	2.443	(0.468)	133170	20.0152	2000
	18 Carbon Disulfide	76	2.476	2.468	(0.473)	163528	19.0971	1900
	170 Cyclopentene	67	2.649	2.641	(0.506)	133542	21.0449	2100
	27 Methyl Acetate	43	2.665	2.657	(0.509)	122316	19.2294	1900
	21 Acetonitrile	41	2.715	2.739	(0.519)	377338	373.946	37000
	22 Methylene Chloride	84	2.781	2.781	(0.531)	65228	17.2136	1700
	24 TBA	59	2.896	2.888	(0.553)	251274	351.815	35000
	28 MTBE	73	2.962	2.962	(0.566)	228731	20.2434	2000
	25 trans-1,2-Dichloroethene	96	2.970	2.970	(0.568)	54908	19.2280	1900
	26 Acrylonitrile	53	3.060	3.060	(0.585)	47763	19.0347	1900
	29 Hexane	43	3.143	3.134	(0.601)	75288	22.1601	2200
	32 DIPE	45	3.406	3.398	(0.651)	291099	20.9728	2100
	30 1,1-Dichloroethane	63	3.406	3.406	(0.651)	124486	19.8711	2000
	31 Vinyl Acetate	43	3.447	3.447	(0.659)	618482	42.2071	4200
	34 n-Propanol	42	3.554	3.546	(0.679)	104216	2457.08	240000
	35 t-Butyl-ethyl-ether	59	3.760	3.760	(0.718)	242016	20.2470	2000
	37 2,2-Dichloropropane	77	3.966	3.949	(0.758)	75268	19.9295	2000
	36 cis-1,2-Dichloroethene	96	3.999	3.990	(0.764)	79208	19.7142	2000
	38 2-Butanone	72	4.032	4.031	(0.770)	14419	18.2658	1800
	39 Ethyl Acetate	70	4.056	4.048	(0.775)	22957	36.7976	3700
	40 Bromochloromethane	128	4.254	4.245	(0.813)	41629	19.4146	1900
	41 Tetrahydrofuran	42	4.245	4.245	(0.811)	44097	19.0421	1900
	42 Chloroform	83	4.328	4.328	(0.827)	136436	20.0533	2000
	44 Cyclohexane	56	4.443	4.435	(0.849)	97632	22.6826	2300
	43 1,1,1-Trichloroethane	97	4.468	4.468	(0.854)	85145	19.9664	2000
	45 Carbon Tetrachloride	117	4.608	4.599	(0.880)	71761	20.1424	2000
	46 1,1-Dichloropropene	75	4.649	4.649	(0.888)	98112	19.5733	2000
	48 Benzene	78	4.879	4.871	(0.555)	300623	18.7689	1900
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.904	(0.939)	178077	48.0568	4800
	50 t-Amyl-methyl-ether	73	4.994	4.986	(0.954)	213782	20.9160	2100
	49 1,2-Dichloroethane	62	5.003	4.994	(0.956)	123908	18.8489	1900
	61 Isopropyl Acetate	43	5.019	5.011	(0.959)	550258	38.7743	3900
	51 n-Heptane	57	5.110	5.101	(0.976)	57154	19.8072	2000
*	52 Fluorobenzene	96	5.233	5.233	(1.000)	625103	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.513	5.505	(1.053)	203432	45.6587	4600
	54 Trichloroethene	95	5.661	5.661	(1.082)	80024	19.3899	1900
	53 n-Butanol	56	5.694	5.686	(1.088)	238115	1225.35	120000
	56 Methyl cyclohexane	83	5.801	5.793	(1.109)	102106	22.6702	2300
	55 Ethyl Acrylate	55	5.867	5.867	(1.121)	147985	19.5092	2000
	57 1,2-Dichloropropane	63	6.007	6.007	(1.148)	87793	19.3930	1900
	58 Dibromomethane	93	6.163	6.163	(1.178)	61365	19.4539	1900
	59 Methyl Methacrylate	100	6.163	6.163	(1.178)	24800	20.1695	2000
	60 1,4-Dioxane	88	6.163	6.163	(1.178)	9894	151.862	15000
	75 Propyl Acetate	43	6.245	6.245	(1.193)	179418	19.4614	1900
	68 Bromodichloromethane	83	6.369	6.369	(1.217)	99475	18.9302	1900
	62 2-Chloroethyl Vinyl Ether	63	6.830	6.821	(1.305)	69947	20.3763	2000
	63 Epichlorohydrin	57	6.920	6.920	(0.787)	262878	372.248	37000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53512.d
Report Date: 19-Mar-2013 19:48

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	67 cis-1,3-Dichloropropene	75	6.978	6.978	(0.794)	134829	19.8198	2000
	70 4-Methyl-2-Pentanone	43	7.183	7.183	(0.817)	132490	19.6304	2000
$	65 Toluene-d8 (SUR)	98	7.233	7.225	(0.823)	442513	48.5752	4800
	66 Toluene	91	7.307	7.307	(0.831)	313949	19.1653	1900
	64 trans-1,3-Dichloropropene	75	7.677	7.677	(0.874)	121282	19.8267	2000
	69 1,1,2-Trichloroethane	83	7.867	7.867	(0.895)	71411	19.1138	1900
	71 Tetrachloroethene	166	7.883	7.883	(0.897)	69138	19.3034	1900
	72 1,3-Dichloropropane	76	8.048	8.039	(0.916)	141375	19.4922	1900
	73 2-Hexanone	43	8.122	8.122	(0.924)	90075	18.9418	1900
	76 Butyl Acetate	73	8.237	8.229	(0.937)	55168	40.4481	4000
	74 Dibromochloromethane	129	8.237	8.237	(0.937)	71584	18.8526	1900
	77 1,2-Dibromoethane	107	8.352	8.352	(0.950)	84347	19.1980	1900
*	78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	449085	50.0000	
	79 Chlorobenzene	112	8.813	8.813	(1.003)	199734	19.3051	1900
	81 Ethylbenzene	106	8.895	8.895	(1.012)	99929	19.5082	2000
	80 1,1,1,2-Tetrachloroethane	131	8.912	8.912	(1.014)	64744	19.4221	1900
	82 m+p-Xylene	106	9.019	9.010	(1.026)	244922	38.4519	3800
	83 Butyl Acrylate	73	9.381	9.381	(1.067)	70482	16.3741	1600
	84 o-Xylene	106	9.381	9.381	(1.067)	123531	20.0229	2000
	85 Styrene	104	9.406	9.405	(1.070)	212448	20.3093	2000
	87 Amyl Acetate	43	9.578	9.578	(0.884)	189535	21.3414	2100
	86 Bromoform	173	9.595	9.586	(1.092)	43965	16.6366	1700
	88 Isopropylbenzene	105	9.702	9.702	(1.104)	304005	19.9243	2000
$	89 Bromofluorobenzene (SUR)	174	9.875	9.875	(0.912)	156710	50.6026	5100
	91 Bromobenzene	156	9.990	9.990	(0.922)	77001	19.0808	1900
	92 1,1,2,2-Tetrachloroethane	83	10.039	10.039	(0.927)	117139	19.1699	1900
	95 n-Propylbenzene	91	10.056	10.056	(0.929)	372841	19.3665	1900
	93 1,2,3-Trichloropropane	110	10.072	10.072	(0.930)	32463	18.7096	1900
	94 trans-1,4-Dichloro-2-butene	53	10.089	10.089	(0.932)	29388	20.4941	2000
	96 2-Chlorotoluene	91	10.146	10.146	(0.937)	259337	19.1125	1900
	185 4-Ethyltoluene	105	10.154	10.154	(0.938)	316109	20.4720	2000
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	248345	19.6993	2000
	98 4-Chlorotoluene	91	10.245	10.245	(0.946)	229621	18.9256	1900
	99 Butyl Methacrylate	87	10.294	10.294	(0.951)	99685	18.3391	1800
	100 tert-Butylbenzene	119	10.475	10.467	(0.967)	205321	19.9772	2000
	101 1,2,4-Trimethylbenzene	105	10.525	10.525	(0.972)	252847	19.7633	2000
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	319204	17.6259	1800
	107 p-Isopropyltoluene	119	10.772	10.772	(0.995)	256474	16.7204	1700
	105 1,3-Dichlorobenzene	146	10.772	10.772	(0.995)	137847	18.8596	1900
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.837	(1.000)	211565	50.0000	
	109 1,4-Dichlorobenzene	146	10.854	10.854	(1.002)	140615	18.8815	1900
	110 Benzyl Chloride	91	10.969	10.969	(1.013)	176806	16.0392	1600
	171 Indan	117	11.027	11.027	(2.107)	267352	21.5482	2200
	106 n-Butylbenzene	91	11.093	11.093	(1.024)	315270	19.5721	2000
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	134670	19.0059	1900
	112 1,2-Dibromo-3-chloropropane	75	11.776	11.776	(1.087)	19413	19.7637	2000
	113 Camphor	95	12.311	12.311	(1.137)	67901	82.9067	8300

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53512.d
Report Date: 19-Mar-2013 19:48

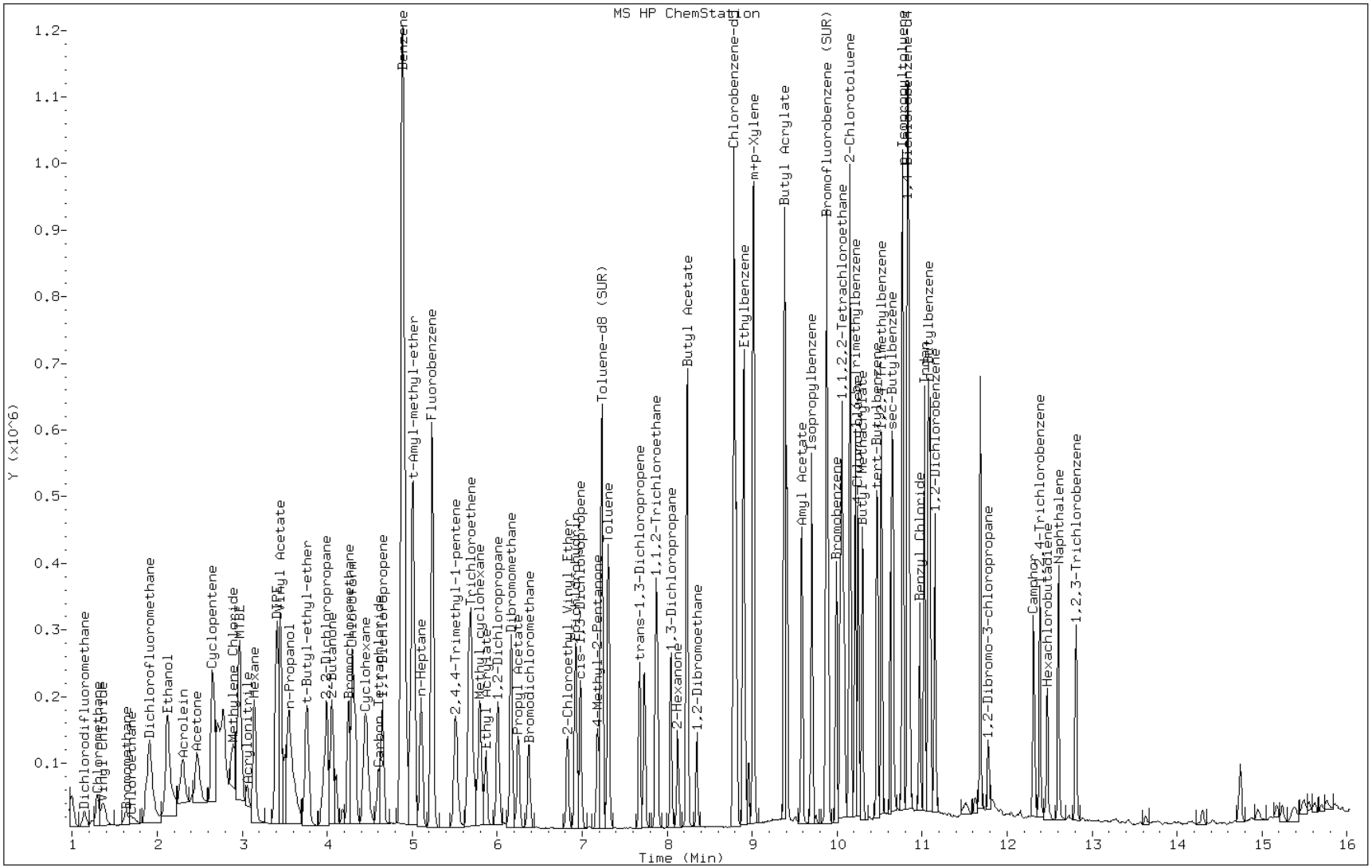
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
114	1,2,4-Trichlorobenzene	180	12.385	12.385	(1.144)	84898	19.2334	1900
115	Hexachlorobutadiene	225	12.475	12.475	(1.152)	28952	15.9430	1600
116	Naphthalene	128	12.607	12.607	(1.164)	252516	18.1980	1800
117	1,2,3-Trichlorobenzene	180	12.813	12.813	(1.183)	74426	17.8341	1800
M 120	1,2-Dichloroethene (Total)	100				134116	38.9422	3900
M 121	Xylene (Total)	100				368453	58.4748	5800

Data File: b53512.d

Date: 19-MAR-2013 17:39

Client ID: Instrument: VOAMS2.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151859/3

Matrix: Water Lab File ID: k11004.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/20/2013 09:41

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.: 151859 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	15.8		1.0	0.090
75-34-3	1,1-Dichloroethane	18.1		1.0	0.13
107-06-2	1,2-Dichloroethane	20.2		1.0	0.19
71-55-6	1,1,1-Trichloroethane	21.3		1.0	0.060
78-93-3	2-Butanone	19.8		5.0	2.3
67-64-1	Acetone	22.7		5.0	2.7
71-43-2	Benzene	18.4		1.0	0.080
591-78-6	2-Hexanone	21.1		5.0	0.50
75-25-2	Bromoform	19.2		1.0	0.19
74-83-9	Bromomethane	22.3		1.0	0.18
75-15-0	Carbon disulfide	14.7		1.0	0.13
56-23-5	Carbon tetrachloride	22.2		1.0	0.060
123-91-1	1,4-Dioxane	121		50	36
108-90-7	Chlorobenzene	18.0		1.0	0.11
75-00-3	Chloroethane	19.0		1.0	0.17
67-66-3	Chloroform	20.1		1.0	0.080
74-87-3	Chloromethane	18.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.9		5.0	0.99
156-59-2	cis-1,2-Dichloroethene	17.2		1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.18
95-50-1	1,2-Dichlorobenzene	18.8		1.0	0.21
110-82-7	Cyclohexane	15.4		1.0	0.16
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.5		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.34
100-41-4	Ethylbenzene	15.8		1.0	0.10
87-61-6	1,2,3-Trichlorobenzene	17.6		1.0	0.51
76-13-1	Freon TF	15.8		1.0	0.080
78-87-5	1,2-Dichloropropane	17.5		1.0	0.090
98-82-8	Isopropylbenzene	17.5		1.0	0.080
79-20-9	Methyl acetate	18.6		2.0	0.34
108-87-2	Methylcyclohexane	15.0		1.0	0.14
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		1.0	0.40
75-09-2	Methylene Chloride	17.1		1.0	0.18
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.16
1634-04-4	MTBE	18.7		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151859/3

Matrix: Water Lab File ID: k11004.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/20/2013 09:41

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.: 151859 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.1		1.0	0.19
124-48-1	Dibromochloromethane	19.6		1.0	0.20
100-42-5	Styrene	16.6		1.0	0.12
106-93-4	1,2-Dibromoethane	18.4		1.0	0.28
127-18-4	Tetrachloroethene	19.1		1.0	0.10
75-71-8	Dichlorodifluoromethane	17.8		1.0	0.22
108-88-3	Toluene	18.2		1.0	0.15
74-97-5	Bromochloromethane	16.8		1.0	0.27
156-60-5	trans-1,2-Dichloroethene	16.7		1.0	0.13
75-27-4	Bromodichloromethane	19.8		1.0	0.12
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.24
79-01-6	Trichloroethene	18.2		1.0	0.090
75-69-4	Trichlorofluoromethane	17.6		1.0	0.15
75-01-4	Vinyl chloride	19.2		1.0	0.14
1330-20-7	Xylenes, Total	49.8		3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11004.d
Report Date: 20-Mar-2013 09:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11004.d
Lab Smp Id: LCS
Inj Date : 20-MAR-2013 09:41
Operator : Inst ID: VOAMS9.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/8260_09.m
Meth Date : 20-Mar-2013 09:34 desais Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.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 * 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	1.557	1.562	(0.288)	48352	17.7989	18
3	Chloromethane	50	1.718	1.718	(0.318)	88633	18.8595	19
4	Vinyl Chloride	62	1.819	1.819	(0.337)	72370	19.1519	19
6	Bromomethane	94	2.097	2.097	(0.388)	41129	22.2763	22
5	Chloroethane	64	2.156	2.162	(0.399)	38334	19.0151	19
183	Dichlorofluoromethane	67	2.354	2.354	(0.436)	111977	16.8877	17
7	Trichlorofluoromethane	101	2.370	2.381	(0.439)	72445	17.5569	18
8	n-Pentane	72	2.392	2.381	(0.443)	10245	20.6945	21
9	Ethanol	46	2.536	2.525	(0.469)	56397	2250.22	2200
11	Ethyl Ether	59	2.568	2.574	(0.475)	42901	16.3494	16
10	Isoprene	67	2.590	2.595	(0.479)	58379	14.9188	15
13	Acrolein	56	2.745	2.750	(0.508)	17681	28.5573	28
14	Freon TF	101	2.766	2.761	(0.512)	36586	15.7586	16
15	1,1-Dichloroethene	96	2.793	2.798	(0.517)	31719	15.8002	16
16	Acetone	43	2.868	2.873	(0.531)	28402	22.6808	23
17	Iodomethane	142	2.948	2.948	(0.546)	61159	17.0613	17

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11004.d
Report Date: 20-Mar-2013 09:58

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	18 Carbon Disulfide	76	2.985	2.980	(0.552)	154008	14.6709	15
	170 Cyclopentene	67	3.119	3.125	(0.577)	125512	16.9105	17
	27 Methyl Acetate	43	3.108	3.114	(0.575)	58499	18.5771	18
	21 Acetonitrile	39	3.162	3.162	(0.585)	46925	382.677	380
	22 Methylene Chloride	84	3.232	3.232	(0.598)	52278	17.0882	17
	24 TBA	59	3.301	3.290	(0.611)	128689	359.956	360
	28 MTBE	73	3.392	3.397	(0.628)	147887	18.7405	19
	25 trans-1,2-Dichloroethene	96	3.419	3.419	(0.633)	40464	16.6778	17
	26 Acrylonitrile	53	3.488	3.494	(0.646)	27815	19.7688	20
	29 Hexane	43	3.569	3.569	(0.660)	37869	17.0614	17
	32 DIPE	45	3.783	3.788	(0.700)	204325	19.3910	19
	30 1,1-Dichloroethane	63	3.820	3.820	(0.707)	102509	18.0746	18
	31 Vinyl Acetate	43	3.825	3.825	(0.708)	412446	47.8988	48
	35 t-Butyl-ethyl-ether	59	4.104	4.104	(0.759)	174821	19.6260	20
	37 2,2-Dichloropropane	77	4.323	4.328	(0.800)	77202	21.3904	21
	36 cis-1,2-Dichloroethene	96	4.339	4.339	(0.803)	47886	17.1539	17
	39 Ethyl Acetate	70	4.360	4.360	(0.807)	11836	34.6833	35
	38 2-Butanone	72	4.355	4.350	(0.806)	7580	19.8047	20
	40 Bromochloromethane	128	4.569	4.569	(0.846)	20557	16.8381	17
	41 Tetrahydrofuran	42	4.569	4.569	(0.846)	24790	19.3635	19
	174 Methacrylonitrile	67	4.596	4.590	(0.850)	47370	35.3699	35
	42 Chloroform	83	4.617	4.617	(0.854)	99176	20.0532	20
	44 Cyclohexane	56	4.762	4.762	(0.881)	86449	15.4302	15
	43 1,1,1-Trichloroethane	97	4.772	4.778	(0.883)	77355	21.2938	21
	45 Carbon Tetrachloride	117	4.890	4.890	(0.905)	64487	22.1892	22
	46 1,1-Dichloropropene	75	4.917	4.917	(0.910)	65989	21.1754	21
	48 Benzene	78	5.120	5.115	(0.577)	196395	18.3744	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.131	5.131	(0.950)	129680	49.8886	50
	61 Isopropyl Acetate	43	5.168	5.168	(0.956)	333861	39.4749	39
	50 t-Amyl-methyl-ether	73	5.179	5.179	(0.958)	139206	18.3098	18
	49 1,2-Dichloroethane	62	5.206	5.206	(0.963)	87476	20.1764	20
	51 n-Heptane	57	5.270	5.264	(0.975)	24981	16.8568	17
*	52 Fluorobenzene	96	5.404	5.404	(1.000)	404085	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.628	5.634	(1.042)	15312	25.8450	26
	54 Trichloroethene	95	5.757	5.757	(1.065)	45776	18.1995	18
	55 Ethyl Acrylate	73	5.880	5.874	(1.088)	4635	18.0052	18
	56 Methyl cyclohexane	83	5.885	5.890	(1.089)	60201	15.0352	15
	57 1,2-Dichloropropane	63	6.051	6.051	(1.120)	54983	17.4583	17
	59 Methyl Methacrylate	100	6.126	6.120	(1.134)	10129	18.1194	18
	75 Propyl Acetate	43	6.174	6.174	(1.143)	91311	18.4770	18
	60 1,4-Dioxane	88	6.158	6.158	(1.140)	4419	120.839	120
	58 Dibromomethane	93	6.179	6.179	(1.144)	33599	17.9508	18(R)
	68 Bromodichloromethane	83	6.329	6.329	(1.171)	74387	19.7998	20
	62 2-Chloroethyl Vinyl Ether	63	6.666	6.661	(1.234)	10573	4.78569	4.8(R)
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	129593	391.837	390
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	77749	18.5787	18
	70 4-Methyl-2-Pentanone	43	6.998	6.992	(0.789)	63929	19.8871	20

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11004.d
Report Date: 20-Mar-2013 09:58

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.078	7.078	(0.798)	248452	45.1744	45
	66 Toluene	91	7.158	7.158	(0.807)	171307	18.2149	18
	64 trans-1,3-Dichloropropene	75	7.501	7.506	(0.846)	67740	18.9376	19
	175 Ethyl methacrylate	69	7.533	7.533	(1.394)	58219	14.1686	14
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	37576	18.0823	18
	71 Tetrachloroethene	166	7.768	7.768	(0.876)	30702	19.0948	19
	72 1,3-Dichloropropane	76	7.929	7.929	(0.894)	74877	18.6458	19
	73 2-Hexanone	43	7.987	7.987	(0.900)	43398	21.0570	21
	76 Butyl Acetate	73	8.110	8.105	(0.914)	21150	30.5093	30
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	44368	19.5758	20
	77 1,2-Dibromoethane	107	8.319	8.319	(0.938)	40543	18.3914	18
*	78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	253872	50.0000	
	79 Chlorobenzene	112	8.908	8.908	(1.004)	99289	18.0466	18
	81 Ethylbenzene	106	9.009	9.009	(1.016)	51038	15.7744	16(R)
	80 1,1,1,2-Tetrachloroethane	131	9.025	9.025	(1.017)	39340	19.0987	19
	82 m+p-Xylene	106	9.164	9.164	(1.033)	131498	33.4179	33
	83 Butyl Acrylate	73	9.587	9.582	(1.081)	30941	13.7926	14
	84 o-Xylene	106	9.603	9.603	(1.083)	67825	16.3741	16
	85 Styrene	104	9.630	9.630	(1.086)	116252	16.6165	17
	87 Amyl Acetate	43	9.806	9.806	(0.893)	108432	17.2927	17
	86 Bromoform	173	9.828	9.828	(1.108)	27830	19.2136	19
	88 Isopropylbenzene	105	9.940	9.940	(1.121)	175911	17.4560	17
$	89 Bromofluorobenzene (SUR)	174	10.117	10.117	(0.921)	87448	49.9720	50
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	68289	18.6304	19
	91 Bromobenzene	156	10.234	10.234	(0.932)	38351	17.7865	18
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	233696	18.5611	18
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.325	(0.940)	18504	19.9908	20
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	16543	20.2652	20
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	175457	20.9299	21
	188 4-Ethyltoluene	105	10.384	10.384	(0.945)	179812	19.0796	19
	97 1,3,5-Trimethylbenzene	105	10.438	10.438	(0.950)	152632	17.8041	18
	99 Butyl Methacrylate	87	10.512	10.513	(0.957)	50142	13.7895	14
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	156896	21.2665	21
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	98319	15.3275	15
	101 1,2,4-Trimethylbenzene	105	10.716	10.716	(0.976)	157579	18.0125	18
	102 2-Octanone	43	10.807	10.807	(0.984)	97337	14.9824	15
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	180110	17.7950	18
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	137724	17.0766	17
	105 1,3-Dichlorobenzene	146	10.930	10.930	(0.995)	76911	18.5311	18
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	126350	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	78381	18.5086	18
	110 Benzyl Chloride	91	11.096	11.096	(1.010)	100081	19.1229	19
	187 1,4-Diethylbenzene	119	11.176	11.176	(2.068)	82607	16.2225	16
	171 Indan	117	11.144	11.144	(2.062)	150552	16.3027	16
	106 n-Butylbenzene	91	11.192	11.192	(1.019)	196002	19.4678	19
	111 1,2-Dichlorobenzene	146	11.245	11.245	(1.024)	77206	18.7662	19
	112 1,2-Dibromo-3-chloropropane	75	11.722	11.727	(1.067)	15627	21.2659	21

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/20mar13.b/k11004.d
Report Date: 20-Mar-2013 09:58

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.647	11.652	(2.155)	114920	13.7385	14
	114 1,2,4-Trichlorobenzene	180	12.203	12.208	(1.111)	46661	18.2868	18
	115 Hexachlorobutadiene	225	12.267	12.273	(1.117)	16269	19.3481	19
	116 Naphthalene	128	12.374	12.380	(1.127)	150839	18.6229	19
	117 1,2,3-Trichlorobenzene	180	12.535	12.540	(1.141)	44408	17.5545	18
M	120 1,2-Dichloroethene (Total)	100				88350	33.8317	34
M	121 Xylene (Total)	100				199323	49.7920	50

QC Flag Legend

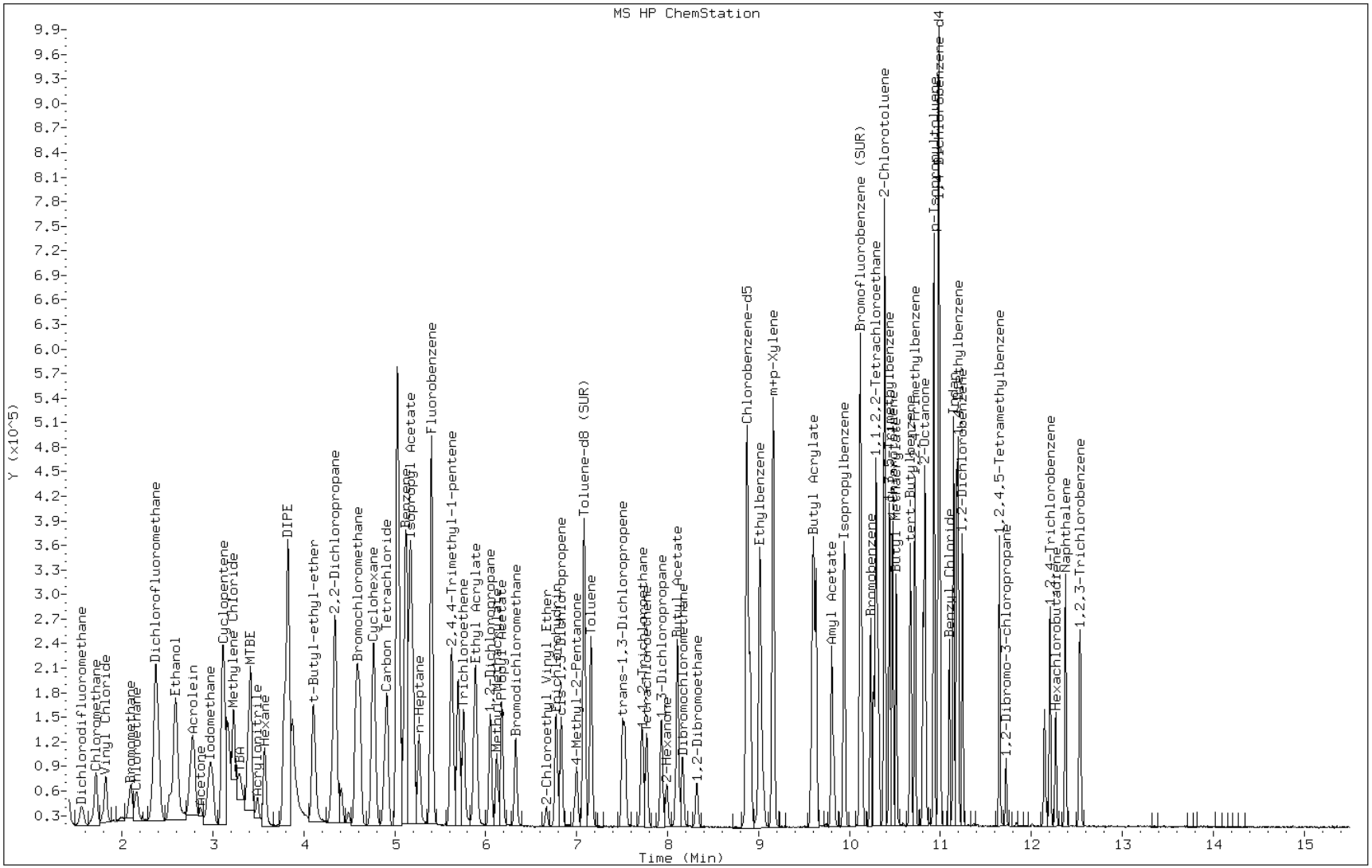
R - Spike/Surrogate failed recovery limits.

Data File: k11004.d

Date: 20-MAR-2013 09:41

Client ID: Instrument: VOAMS9.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151869/3

Matrix: Solid | Lab File ID: b53540.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/20/2013 04:31

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.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1830		100	8.8
75-34-3	1,1-Dichloroethane	1990		100	13
107-06-2	1,2-Dichloroethane	2030		100	19
71-55-6	1,1,1-Trichloroethane	2070		100	6.2
78-93-3	2-Butanone	2090		500	230
67-64-1	Acetone	1740		500	270
71-43-2	Benzene	1990		100	8.3
591-78-6	2-Hexanone	2080		500	50
75-25-2	Bromoform	1890		100	19
74-83-9	Bromomethane	1940		100	18
75-15-0	Carbon disulfide	1940		100	13
56-23-5	Carbon tetrachloride	2080		100	5.7
123-91-1	1,4-Dioxane	17300		5000	3600
108-90-7	Chlorobenzene	2090		100	11
75-00-3	Chloroethane	1710		100	17
67-66-3	Chloroform	2040		100	7.9
74-87-3	Chloromethane	1930		100	9.7
108-10-1	4-Methyl-2-pentanone	2070		500	99
156-59-2	cis-1,2-Dichloroethene	2050		100	18
10061-01-5	cis-1,3-Dichloropropene	2100		100	18
95-50-1	1,2-Dichlorobenzene	2130		100	21
110-82-7	Cyclohexane	2080		100	16
541-73-1	1,3-Dichlorobenzene	2140		100	14
106-46-7	1,4-Dichlorobenzene	2150		100	23
120-82-1	1,2,4-Trichlorobenzene	2240		100	34
100-41-4	Ethylbenzene	2120		100	9.6
87-61-6	1,2,3-Trichlorobenzene	2190		100	51
76-13-1	Freon TF	2080		100	8.2
78-87-5	1,2-Dichloropropane	2050		100	8.6
98-82-8	Isopropylbenzene	2230		100	7.7
79-20-9	Methyl acetate	1980		200	34
108-87-2	Methylcyclohexane	2080		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	2290		100	40
75-09-2	Methylene Chloride	1720		100	18
79-34-5	1,1,2,2-Tetrachloroethane	2140		100	16
1634-04-4	MTBE	2040		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151869/3

Matrix: Solid Lab File ID: b53540.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/20/2013 04:31

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.: 151869 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	2060		100	19
124-48-1	Dibromochloromethane	2050		100	20
100-42-5	Styrene	2200		100	12
106-93-4	1,2-Dibromoethane	2150		100	28
127-18-4	Tetrachloroethene	2130		100	9.7
75-71-8	Dichlorodifluoromethane	1810		100	22
108-88-3	Toluene	2020		100	15
74-97-5	Bromochloromethane	2040		100	27
156-60-5	trans-1,2-Dichloroethene	1950		100	13
75-27-4	Bromodichloromethane	2000		100	13
10061-02-6	trans-1,3-Dichloropropene	2140		100	24
79-01-6	Trichloroethene	2020		100	9.2
75-69-4	Trichlorofluoromethane	1760		100	15
75-01-4	Vinyl chloride	1920		100	14
1330-20-7	Xylenes, Total	6390		300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-135
2037-26-5	Toluene-d8 (Surr)	98		59-150
460-00-4	Bromofluorobenzene	105		72-133

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53540.d
Report Date: 20-Mar-2013 04:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53540.d
Lab Smp Id: LCS
Inj Date : 20-MAR-2013 04:31
Operator : Inst ID: VOAMS2.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/8260_09.m
Meth Date : 20-Mar-2013 04:31 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 4 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)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.151	1.159	(0.220)	58727	18.0514	1800
3 Chloromethane	50	1.299	1.307	(0.248)	79626	19.2853	1900
4 Vinyl Chloride	62	1.381	1.382	(0.264)	69967	19.2068	1900
6 Bromomethane	94	1.645	1.653	(0.314)	26035	19.3996	1900
5 Chloroethane	64	1.694	1.694	(0.324)	28185	17.0584	1700
183 Dichlorofluoromethane	67	1.875	1.875	(0.358)	96906	17.7278	1800
7 Trichlorofluoromethane	101	1.867	1.867	(0.357)	45672	17.5837	1800
8 n-Pentane	72	1.916	1.908	(0.366)	10097	39.1332	3900
9 Ethanol	46	2.114	2.155	(0.404)	80061	3229.21	320000
11 Ethyl Ether	59	2.114	2.122	(0.404)	51889	18.7704	1900
13 Acrolein	56	2.295	2.295	(0.439)	37657	42.2188	4200
14 Freon TF	101	2.278	2.279	(0.435)	32295	20.8253	2100
15 1,1-Dichloroethene	96	2.303	2.303	(0.440)	27830	18.3284	1800
16 Acetone	43	2.418	2.402	(0.462)	86435	17.3650	1700

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53540.d
Report Date: 20-Mar-2013 04:52

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	17 Iodomethane	142	2.451	2.443	(0.468)	126248	19.0304	1900
	18 Carbon Disulfide	76	2.468	2.468	(0.472)	165285	19.3590	1900
	170 Cyclopentene	67	2.649	2.649	(0.506)	124160	19.6238	2000
	27 Methyl Acetate	43	2.665	2.665	(0.509)	125284	19.7538	2000
	21 Acetonitrile	41	2.739	2.756	(0.523)	416705	414.169	41000
	22 Methylene Chloride	84	2.780	2.781	(0.531)	64963	17.1940	1700
	24 TBA	59	2.896	2.888	(0.553)	293297	411.855	41000
	28 MTBE	73	2.962	2.962	(0.566)	230370	20.4483	2000
	25 trans-1,2-Dichloroethene	96	2.970	2.970	(0.568)	55580	19.5206	2000
	26 Acrylonitrile	53	3.060	3.060	(0.585)	60352	24.1222	2400
	29 Hexane	43	3.143	3.134	(0.601)	65728	19.4031	1900
	32 DIPE	45	3.398	3.398	(0.649)	282110	20.3847	2000
	30 1,1-Dichloroethane	63	3.406	3.406	(0.651)	124348	19.9073	2000
	31 Vinyl Acetate	43	3.447	3.447	(0.659)	575808	39.4101	3900
	34 n-Propanol	42	3.546	3.546	(0.678)	135374	3201.05	320000
	35 t-Butyl-ethyl-ether	59	3.760	3.760	(0.718)	241748	20.2839	2000
	37 2,2-Dichloropropane	77	3.957	3.949	(0.756)	78656	20.8876	2100
	36 cis-1,2-Dichloroethene	96	3.990	3.990	(0.763)	81981	20.4641	2000
	38 2-Butanone	72	4.031	4.032	(0.770)	16475	20.9311	2100
	39 Ethyl Acetate	70	4.056	4.048	(0.775)	25258	40.6037	4100
	40 Bromochloromethane	128	4.245	4.245	(0.811)	43538	20.3646	2000
	41 Tetrahydrofuran	42	4.245	4.237	(0.811)	47444	20.5475	2000
	42 Chloroform	83	4.328	4.328	(0.827)	138649	20.4384	2000
	44 Cyclohexane	56	4.435	4.435	(0.847)	89306	20.8090	2100
	43 1,1,1-Trichloroethane	97	4.468	4.459	(0.854)	87909	20.6749	2100
	45 Carbon Tetrachloride	117	4.599	4.591	(0.879)	73971	20.8236	2100
	46 1,1-Dichloropropene	75	4.640	4.641	(0.887)	102100	20.4288	2000
	48 Benzene	78	4.871	4.871	(0.555)	318229	19.9403	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	176529	47.7787	4800
	50 t-Amyl-methyl-ether	73	4.986	4.986	(0.953)	212896	20.8904	2100
	49 1,2-Dichloroethane	62	4.994	4.994	(0.954)	132808	20.2620	2000
	61 Isopropyl Acetate	43	5.011	5.011	(0.958)	575073	40.6417	4100
	51 n-Heptane	57	5.101	5.093	(0.975)	52755	18.3365	1800
*	52 Fluorobenzene	96	5.233	5.225	(1.000)	623276	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.504	5.505	(1.052)	191664	43.1436	4300
	54 Trichloroethene	95	5.653	5.653	(1.080)	83145	20.2051	2000
	53 n-Butanol	56	5.686	5.686	(1.086)	292546	1509.87	150000
	56 Methyl cyclohexane	83	5.793	5.784	(1.107)	93292	20.7740	2100
	55 Ethyl Acrylate	55	5.858	5.859	(1.120)	151871	20.0802	2000
	57 1,2-Dichloropropane	63	5.998	5.998	(1.146)	92697	20.5363	2000
	58 Dibromomethane	93	6.155	6.155	(1.176)	65248	20.7456	2100
	59 Methyl Methacrylate	100	6.155	6.155	(1.176)	26406	21.5381	2200
	60 1,4-Dioxane	88	6.163	6.155	(1.178)	11262	173.359	17000
	75 Propyl Acetate	43	6.237	6.237	(1.192)	188866	20.5463	2000
	68 Bromodichloromethane	83	6.369	6.361	(1.217)	104925	20.0260	2000
	62 2-Chloroethyl Vinyl Ether	63	6.821	6.821	(1.304)	69646	20.3480	2000
	63 Epichlorohydrin	57	6.920	6.912	(0.788)	288069	409.402	41000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53540.d
Report Date: 20-Mar-2013 04:52

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	67 cis-1,3-Dichloropropene	75	6.969	6.970	(0.794)	142542	21.0299	2100
	70 4-Methyl-2-Pentanone	43	7.175	7.175	(0.817)	139469	20.7396	2100
$	65 Toluene-d8 (SUR)	98	7.224	7.225	(0.823)	445863	49.1209	4900
	66 Toluene	91	7.299	7.299	(0.831)	329742	20.2026	2000
	64 trans-1,3-Dichloropropene	75	7.669	7.669	(0.873)	130408	21.3962	2100
	69 1,1,2-Trichloroethane	83	7.858	7.858	(0.895)	76639	20.5879	2000
	71 Tetrachloroethene	166	7.875	7.875	(0.897)	75914	21.2722	2100
	72 1,3-Dichloropropane	76	8.039	8.039	(0.916)	150942	20.8868	2100
	73 2-Hexanone	43	8.113	8.113	(0.924)	98571	20.8038	2100
	76 Butyl Acetate	73	8.229	8.229	(0.937)	57869	42.5826	4200
	74 Dibromochloromethane	129	8.229	8.229	(0.937)	77405	20.4598	2000
	77 1,2-Dibromoethane	107	8.344	8.344	(0.950)	94335	21.5494	2200
*	78 Chlorobenzene-d5	117	8.780	8.780	(1.000)	447458	50.0000	
	79 Chlorobenzene	112	8.805	8.805	(1.003)	215678	20.9219	2100
	81 Ethylbenzene	106	8.895	8.895	(1.013)	108301	21.2194	2100
	80 1,1,1,2-Tetrachloroethane	131	8.903	8.903	(1.014)	70052	21.0908	2100
	82 m+p-Xylene	106	9.010	9.010	(1.026)	269004	42.3863	4200
	83 Butyl Acrylate	73	9.372	9.373	(1.067)	70651	16.4729	1600
	84 o-Xylene	106	9.372	9.373	(1.067)	132347	21.5298	2200
	85 Styrene	104	9.405	9.406	(1.071)	229736	22.0418	2200
	87 Amyl Acetate	43	9.578	9.578	(0.884)	190622	21.4043	2100
	86 Bromoform	173	9.586	9.587	(1.092)	49826	18.9101	1900
	88 Isopropylbenzene	105	9.693	9.694	(1.104)	339345	22.3213	2200
$	89 Bromofluorobenzene (SUR)	174	9.866	9.866	(0.911)	162393	52.2923	5200
	91 Bromobenzene	156	9.990	9.982	(0.922)	85324	21.0846	2100
	92 1,1,2,2-Tetrachloroethane	83	10.031	10.031	(0.926)	131245	21.4188	2100
	95 n-Propylbenzene	91	10.047	10.047	(0.928)	422669	21.8939	2200
	93 1,2,3-Trichloropropane	110	10.072	10.072	(0.930)	37194	21.3767	2100
	94 trans-1,4-Dichloro-2-butene	53	10.088	10.089	(0.932)	30562	21.2533	2100
	96 2-Chlorotoluene	91	10.146	10.146	(0.937)	282992	20.7980	2100
	185 4-Ethyltoluene	105	10.154	10.154	(0.938)	306939	19.8230	2000
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	278061	21.9953	2200
	98 4-Chlorotoluene	91	10.245	10.245	(0.946)	258861	21.2765	2100
	99 Butyl Methacrylate	87	10.294	10.294	(0.951)	98690	18.1057	1800
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	234426	22.7458	2300
	101 1,2,4-Trimethylbenzene	105	10.516	10.517	(0.971)	285518	22.2551	2200
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	359197	19.7793	2000
	107 p-Isopropyltoluene	119	10.763	10.763	(0.994)	291791	18.9702	1900
	105 1,3-Dichlorobenzene	146	10.763	10.763	(0.994)	156987	21.4188	2100
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	212153	50.0000	
	109 1,4-Dichlorobenzene	146	10.846	10.846	(1.002)	160829	21.5358	2200
	110 Benzyl Chloride	91	10.969	10.969	(1.013)	187870	16.9956	1700
	171 Indan	117	11.027	11.027	(2.107)	265074	21.4272	2100
	106 n-Butylbenzene	91	11.084	11.084	(1.024)	349352	21.6279	2200
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	151469	21.3174	2100
	112 1,2-Dibromo-3-chloropropane	75	11.775	11.776	(1.087)	22559	22.9021	2300
	113 Camphor	95	12.310	12.311	(1.137)	76974	93.6524	9400

Data File: /chem/VOAMS2.i/8260_09/03-16-13/20mar13.b/b53540.d
Report Date: 20-Mar-2013 04:52

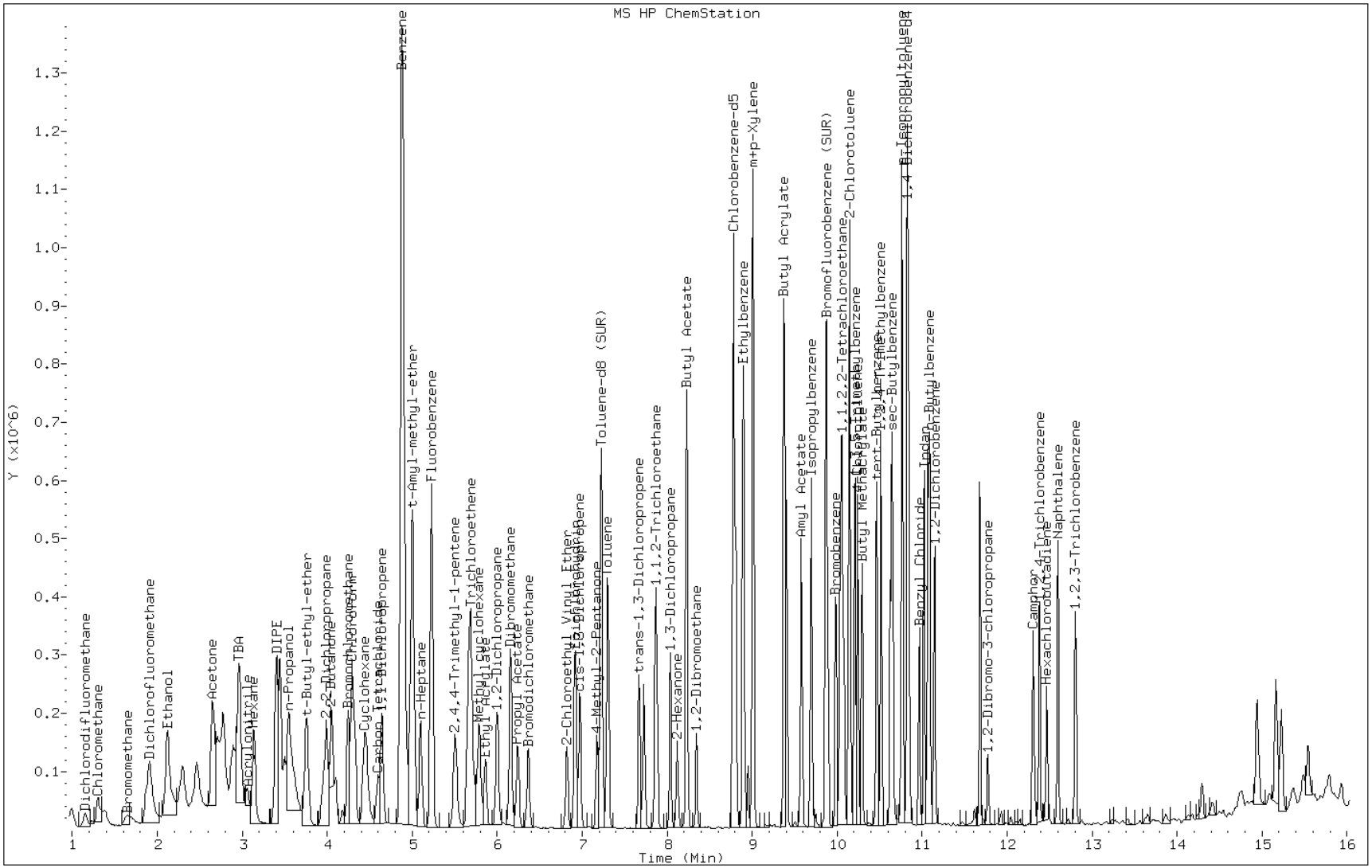
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	114 1,2,4-Trichlorobenzene	180	12.384	12.385	(1.144)	99148	22.3995	2200
	115 Hexachlorobutadiene	225	12.467	12.467	(1.151)	34711	19.0612	1900
	116 Naphthalene	128	12.598	12.599	(1.163)	315095	22.6449	2300
	117 1,2,3-Trichlorobenzene	180	12.804	12.804	(1.182)	91748	21.9239	2200
M	120 1,2-Dichloroethene (Total)	100				137561	39.9847	4000
M	121 Xylene (Total)	100				401352	63.9161	6400

Data File: b53540.d

Date: 20-MAR-2013 04:31

Client ID: Instrument: VOAMS2.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152022/3

Matrix: Solid Lab File ID: b53599.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/21/2013 04:53

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.: 152022 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1730		100	8.8
75-34-3	1,1-Dichloroethane	1880		100	13
107-06-2	1,2-Dichloroethane	1830		100	19
71-55-6	1,1,1-Trichloroethane	1970		100	6.2
78-93-3	2-Butanone	1860		500	230
67-64-1	Acetone	1570		500	270
71-43-2	Benzene	1770		100	8.3
591-78-6	2-Hexanone	1870		500	50
75-25-2	Bromoform	1830		100	19
74-83-9	Bromomethane	2650		100	18
75-15-0	Carbon disulfide	2000		100	13
56-23-5	Carbon tetrachloride	2000		100	5.7
123-91-1	1,4-Dioxane	12000		5000	3600
108-90-7	Chlorobenzene	1910		100	11
75-00-3	Chloroethane	1690		100	17
67-66-3	Chloroform	1900		100	7.9
74-87-3	Chloromethane	1440		100	9.7
108-10-1	4-Methyl-2-pentanone	1860		500	99
156-59-2	cis-1,2-Dichloroethene	1920		100	18
10061-01-5	cis-1,3-Dichloropropene	1880		100	18
95-50-1	1,2-Dichlorobenzene	1960		100	21
110-82-7	Cyclohexane	2180		100	16
541-73-1	1,3-Dichlorobenzene	1980		100	14
106-46-7	1,4-Dichlorobenzene	1980		100	23
120-82-1	1,2,4-Trichlorobenzene	2100		100	34
100-41-4	Ethylbenzene	1970		100	9.6
87-61-6	1,2,3-Trichlorobenzene	1990		100	51
76-13-1	Freon TF	2100		100	8.2
78-87-5	1,2-Dichloropropane	1860		100	8.6
98-82-8	Isopropylbenzene	2090		100	7.7
79-20-9	Methyl acetate	1850		200	34
108-87-2	Methylcyclohexane	2150		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	2770		100	40
75-09-2	Methylene Chloride	1660		100	18
79-34-5	1,1,2,2-Tetrachloroethane	1880		100	16
1634-04-4	MTBE	1790		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152022/3

Matrix: Solid Lab File ID: b53599.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/21/2013 04:53

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.: 152022 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1840		100	19
124-48-1	Dibromochloromethane	1960		100	20
100-42-5	Styrene	2060		100	12
106-93-4	1,2-Dibromoethane	1930		100	28
127-18-4	Tetrachloroethene	2020		100	9.7
75-71-8	Dichlorodifluoromethane	1420		100	22
108-88-3	Toluene	1850		100	15
74-97-5	Bromochloromethane	1890		100	27
156-60-5	trans-1,2-Dichloroethene	1820		100	13
75-27-4	Bromodichloromethane	1880		100	13
10061-02-6	trans-1,3-Dichloropropene	1940		100	24
79-01-6	Trichloroethene	1920		100	9.2
75-69-4	Trichlorofluoromethane	1680		100	15
75-01-4	Vinyl chloride	1520		100	14
1330-20-7	Xylenes, Total	5970		300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	96		59-150
460-00-4	Bromofluorobenzene	105		72-133

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53599.d
Report Date: 21-Mar-2013 05:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53599.d
Lab Smp Id: LCS
Inj Date : 21-MAR-2013 04:53
Operator : Inst ID: VOAMS2.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/8260_09.m
Meth Date : 21-Mar-2013 04:49 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.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)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.159	1.159	(0.222)	45922	14.1764	1400
3 Chloromethane	50	1.307	1.299	(0.250)	59314	14.4276	1400
4 Vinyl Chloride	62	1.381	1.390	(0.264)	55046	15.1758	1500
6 Bromomethane	94	1.661	1.653	(0.317)	35413	26.5007	2600
5 Chloroethane	64	1.694	1.711	(0.324)	27813	16.9055	1700
183 Dichlorofluoromethane	67	1.867	1.867	(0.357)	100733	18.5074	1800
7 Trichlorofluoromethane	101	1.867	1.867	(0.357)	43348	16.7606	1700
8 n-Pentane	72	1.916	1.908	(0.366)	11595	45.1324	4500
9 Ethanol	46	2.139	2.114	(0.409)	69021	2795.92	280000
11 Ethyl Ether	59	2.122	2.114	(0.406)	49800	18.0923	1800
13 Acrolein	56	2.295	2.287	(0.439)	29950	33.7237	3400
14 Freon TF	101	2.279	2.278	(0.435)	32491	21.0416	2100
15 1,1-Dichloroethene	96	2.303	2.303	(0.440)	26119	17.2755	1700
16 Acetone	43	2.402	2.410	(0.459)	77717	15.6809	1600

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53599.d
Report Date: 21-Mar-2013 05:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	17 Iodomethane	142	2.451	2.451	(0.468)	128399	19.4380	1900
	18 Carbon Disulfide	76	2.468	2.468	(0.472)	170200	20.0205	2000
	170 Cyclopentene	67	2.649	2.649	(0.506)	131126	20.8140	2100
	27 Methyl Acetate	43	2.657	2.665	(0.508)	116772	18.4909	1800
	21 Acetonitrile	41	2.748	2.739	(0.525)	347500	346.873	35000
	22 Methylene Chloride	84	2.781	2.780	(0.531)	62305	16.5615	1600
	24 TBA	59	2.888	2.887	(0.552)	247390	348.889	35000
	28 MTBE	73	2.970	2.961	(0.568)	200893	17.9087	1800
	25 trans-1,2-Dichloroethene	96	2.970	2.970	(0.568)	51652	18.2190	1800
	26 Acrylonitrile	53	3.060	3.060	(0.585)	43222	17.3499	1700
	29 Hexane	43	3.143	3.142	(0.601)	69246	20.5297	2000
	32 DIPE	45	3.398	3.398	(0.649)	252809	18.3462	1800
	30 1,1-Dichloroethane	63	3.406	3.406	(0.651)	116953	18.8040	1900
	31 Vinyl Acetate	43	3.447	3.447	(0.659)	582743	40.0566	4000
	34 n-Propanol	42	3.546	3.546	(0.678)	106417	2527.17	250000
	35 t-Butyl-ethyl-ether	59	3.760	3.760	(0.718)	205713	17.3347	1700
	37 2,2-Dichloropropane	77	3.957	3.957	(0.756)	76253	20.3367	2000
	36 cis-1,2-Dichloroethene	96	3.990	3.990	(0.763)	76467	19.1700	1900
	38 2-Butanone	72	4.031	4.031	(0.770)	14543	18.5556	1800
	39 Ethyl Acetate	70	4.056	4.056	(0.775)	24136	38.9678	3900
	40 Bromochloromethane	128	4.245	4.245	(0.811)	40144	18.8579	1900
	41 Tetrahydrofuran	42	4.245	4.245	(0.811)	43136	18.7623	1900
	42 Chloroform	83	4.328	4.328	(0.827)	128565	19.0336	1900
	44 Cyclohexane	56	4.435	4.435	(0.847)	93243	21.8201	2200
	43 1,1,1-Trichloroethane	97	4.459	4.467	(0.852)	83213	19.6549	2000
	45 Carbon Tetrachloride	117	4.599	4.599	(0.879)	70596	19.9591	2000
	46 1,1-Dichloropropene	75	4.649	4.649	(0.888)	95382	19.1667	1900
	48 Benzene	78	4.871	4.871	(0.554)	289884	17.6771	1800
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	171013	46.4851	4600
	50 t-Amyl-methyl-ether	73	4.994	4.994	(0.954)	181615	17.8978	1800
	49 1,2-Dichloroethane	62	4.994	4.994	(0.954)	119552	18.3181	1800
	61 Isopropyl Acetate	43	5.011	5.011	(0.958)	533830	37.8895	3800
	51 n-Heptane	57	5.101	5.101	(0.975)	54778	19.1214	1900
*	52 Fluorobenzene	96	5.233	5.233	(1.000)	620602	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.513	5.513	(1.053)	173962	39.3275	3900
	54 Trichloroethene	95	5.661	5.661	(1.082)	78649	19.1949	1900
	53 n-Butanol	56	5.686	5.685	(1.086)	254801	1320.73	130000
	56 Methyl cyclohexane	83	5.793	5.792	(1.107)	96065	21.4837	2100
	55 Ethyl Acrylate	55	5.867	5.867	(1.121)	149401	19.8387	2000
	57 1,2-Dichloropropane	63	6.007	6.006	(1.148)	83716	18.6265	1900
	58 Dibromomethane	93	6.155	6.163	(1.176)	59386	18.9631	1900
	59 Methyl Methacrylate	100	6.163	6.163	(1.178)	25837	21.1652	2100
	60 1,4-Dioxane	88	6.163	6.163	(1.178)	7753	119.860	12000
	75 Propyl Acetate	43	6.245	6.245	(1.193)	176960	19.3340	1900
	68 Bromodichloromethane	83	6.369	6.369	(1.217)	98131	18.8099	1900
	62 2-Chloroethyl Vinyl Ether	63	6.821	6.821	(1.304)	66367	19.4736	1900
	63 Epichlorohydrin	57	6.920	6.920	(0.787)	268985	372.028	37000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53599.d
Report Date: 21-Mar-2013 05:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	67 cis-1,3-Dichloropropene	75	6.978	6.978	(0.794)	130927	18.7982	1900
	70 4-Methyl-2-Pentanone	43	7.175	7.183	(0.816)	128279	18.5640	1800
$	65 Toluene-d8 (SUR)	98	7.225	7.224	(0.822)	446503	47.8721	4800
	66 Toluene	91	7.307	7.307	(0.831)	310531	18.5154	1800
	64 trans-1,3-Dichloropropene	75	7.677	7.677	(0.874)	121381	19.3811	1900
	69 1,1,2-Trichloroethane	83	7.866	7.866	(0.895)	70367	18.3961	1800
	71 Tetrachloroethene	166	7.883	7.883	(0.897)	74202	20.2351	2000
	72 1,3-Dichloropropane	76	8.039	8.039	(0.915)	137947	18.5768	1800
	73 2-Hexanone	43	8.122	8.121	(0.924)	91045	18.7001	1900
	76 Butyl Acetate	73	8.229	8.228	(0.936)	54333	38.9088	3900
	74 Dibromochloromethane	129	8.237	8.237	(0.937)	76323	19.6327	2000
	77 1,2-Dibromoethane	107	8.344	8.344	(0.949)	86879	19.3141	1900
*	78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	459789	50.0000	
	79 Chlorobenzene	112	8.813	8.813	(1.003)	202478	19.1147	1900
	81 Ethylbenzene	106	8.895	8.895	(1.012)	103276	19.6922	2000
	80 1,1,1,2-Tetrachloroethane	131	8.912	8.912	(1.014)	67523	19.7842	2000
	82 m+p-Xylene	106	9.010	9.010	(1.025)	257800	39.5316	4000
	83 Butyl Acrylate	73	9.381	9.381	(1.067)	70198	15.9283	1600
	84 o-Xylene	106	9.381	9.381	(1.067)	127463	20.1792	2000
	85 Styrene	104	9.405	9.405	(1.070)	220145	20.5552	2000
	87 Amyl Acetate	43	9.578	9.578	(0.884)	184441	19.7579	2000
	86 Bromoform	173	9.586	9.586	(1.091)	49436	18.2623	1800
	88 Isopropylbenzene	105	9.702	9.702	(1.104)	327062	20.9363	2100
$	89 Bromofluorobenzene (SUR)	174	9.875	9.874	(0.912)	171115	52.5673	5200
	91 Bromobenzene	156	9.990	9.990	(0.922)	82406	19.4271	1900
	92 1,1,2,2-Tetrachloroethane	83	10.031	10.031	(0.926)	120785	18.8053	1900
	95 n-Propylbenzene	91	10.056	10.055	(0.929)	408588	20.1913	2000
	93 1,2,3-Trichloropropane	110	10.072	10.072	(0.930)	33966	18.6237	1900
	94 trans-1,4-Dichloro-2-butene	53	10.088	10.088	(0.932)	30502	20.2361	2000
	96 2-Chlorotoluene	91	10.146	10.146	(0.937)	269511	18.8965	1900
	185 4-Ethyltoluene	105	10.154	10.154	(0.938)	317585	19.5674	2000
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	271222	20.4677	2000
	98 4-Chlorotoluene	91	10.245	10.245	(0.946)	248342	19.4734	1900
	99 Butyl Methacrylate	87	10.294	10.294	(0.951)	101173	17.7078	1800
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	226456	20.9621	2100
	101 1,2,4-Trimethylbenzene	105	10.525	10.525	(0.972)	273965	20.3726	2000
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	350277	18.4012	1800
	107 p-Isopropyltoluene	119	10.763	10.763	(0.994)	285338	17.6976	1800
	105 1,3-Dichlorobenzene	146	10.772	10.771	(0.995)	152241	19.8162	2000
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	222379	50.0000	
	109 1,4-Dichlorobenzene	146	10.854	10.854	(1.002)	154931	19.7922	2000
	110 Benzyl Chloride	91	10.969	10.969	(1.013)	199212	17.1929	1700
	171 Indan	117	11.027	11.027	(2.107)	269582	21.8856	2200
	106 n-Butylbenzene	91	11.093	11.092	(1.024)	342707	20.2409	2000
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	146021	19.6057	2000
	112 1,2-Dibromo-3-chloropropane	75	11.776	11.775	(1.087)	28570	27.6714	2800(R)
	113 Camphor	95	12.311	12.310	(1.137)	68793	79.9281	8000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13.b/b53599.d
Report Date: 21-Mar-2013 05:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
114	1,2,4-Trichlorobenzene	180	12.385	12.384	(1.144)	97261	20.9628	2100
115	Hexachlorobutadiene	225	12.475	12.475	(1.152)	37036	19.4028	1900
116	Naphthalene	128	12.607	12.598	(1.164)	290088	19.8891	2000
117	1,2,3-Trichlorobenzene	180	12.813	12.812	(1.183)	87443	19.9345	2000
M 120	1,2-Dichloroethene (Total)	100				128119	37.3890	3700
M 121	Xylene (Total)	100				385263	59.7107	6000

QC Flag Legend

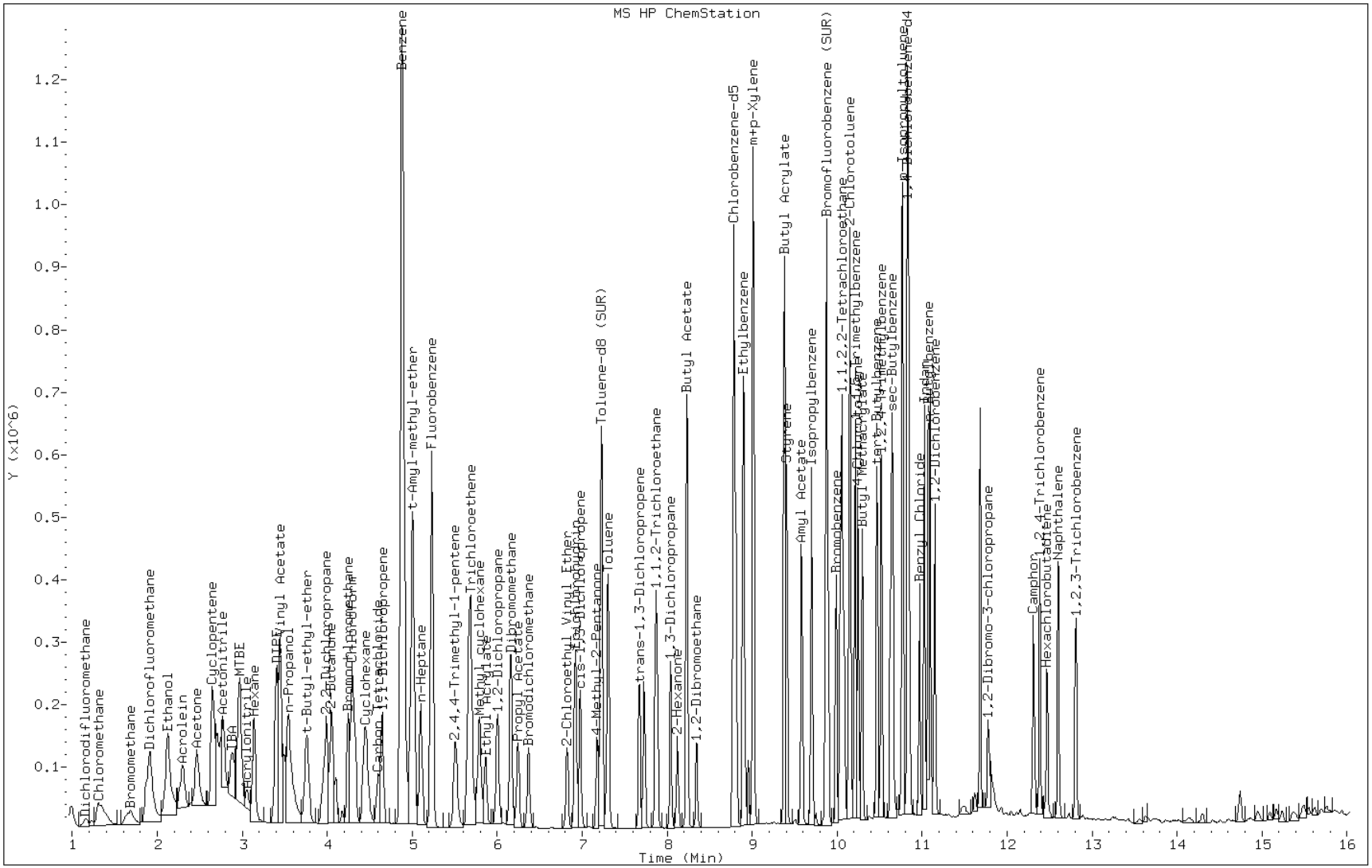
R - Spike/Surrogate failed recovery limits.

Data File: b53599.d

Date: 21-MAR-2013 04:53

Client ID: Instrument: VOAMS2.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152224/3

Matrix: Solid Lab File ID: b53630.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/22/2013 00:40

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.: 152224 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1720		100	8.8
75-34-3	1,1-Dichloroethane	1820		100	13
107-06-2	1,2-Dichloroethane	1750		100	19
71-55-6	1,1,1-Trichloroethane	1920		100	6.2
78-93-3	2-Butanone	2060		500	230
67-64-1	Acetone	1710		500	270
71-43-2	Benzene	1730		100	8.3
591-78-6	2-Hexanone	1960		500	50
75-25-2	Bromoform	1770		100	19
74-83-9	Bromomethane	2050		100	18
75-15-0	Carbon disulfide	1990		100	13
56-23-5	Carbon tetrachloride	1940		100	5.7
123-91-1	1,4-Dioxane	14300		5000	3600
108-90-7	Chlorobenzene	1880		100	11
75-00-3	Chloroethane	1910		100	17
67-66-3	Chloroform	1850		100	7.9
74-87-3	Chloromethane	1800		100	9.7
108-10-1	4-Methyl-2-pentanone	1920		500	99
156-59-2	cis-1,2-Dichloroethene	1790		100	18
10061-01-5	cis-1,3-Dichloropropene	1800		100	18
95-50-1	1,2-Dichlorobenzene	1900		100	21
110-82-7	Cyclohexane	2100		100	16
541-73-1	1,3-Dichlorobenzene	1890		100	14
106-46-7	1,4-Dichlorobenzene	1920		100	23
120-82-1	1,2,4-Trichlorobenzene	2000		100	34
100-41-4	Ethylbenzene	1970		100	9.6
87-61-6	1,2,3-Trichlorobenzene	1890		100	51
76-13-1	Freon TF	2340		100	8.2
78-87-5	1,2-Dichloropropane	1820		100	8.6
98-82-8	Isopropylbenzene	2080		100	7.7
79-20-9	Methyl acetate	1940		200	34
108-87-2	Methylcyclohexane	2160		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	2010		100	40
75-09-2	Methylene Chloride	2040		100	18
79-34-5	1,1,2,2-Tetrachloroethane	1770		100	16
1634-04-4	MTBE	1970		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152224/3

Matrix: Solid Lab File ID: b53630.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/22/2013 00:40

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.: 152224 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1760		100	19
124-48-1	Dibromochloromethane	1870		100	20
100-42-5	Styrene	1990		100	12
106-93-4	1,2-Dibromoethane	1860		100	28
127-18-4	Tetrachloroethene	2020		100	9.7
75-71-8	Dichlorodifluoromethane	1680		100	22
108-88-3	Toluene	1800		100	15
74-97-5	Bromochloromethane	1850		100	27
156-60-5	trans-1,2-Dichloroethene	1810		100	13
75-27-4	Bromodichloromethane	1830		100	13
10061-02-6	trans-1,3-Dichloropropene	1800		100	24
79-01-6	Trichloroethene	1890		100	9.2
75-69-4	Trichlorofluoromethane	1750		100	15
75-01-4	Vinyl chloride	1870		100	14
1330-20-7	Xylenes, Total	5830		300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	93		59-150
460-00-4	Bromofluorobenzene	103		72-133

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53630.d
Report Date: 22-Mar-2013 01:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53630.d
Lab Smp Id: LCS
Inj Date : 22-MAR-2013 00:40
Operator : Inst ID: VOAMS2.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/8260_09.m
Meth Date : 22-Mar-2013 00:39 ken Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 3 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)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.151	1.167	(0.220)	53343	16.8180	1700
3 Chloromethane	50	1.299	1.307	(0.248)	72532	18.0186	1800
4 Vinyl Chloride	62	1.381	1.398	(0.264)	66323	18.6745	1900
6 Bromomethane	94	1.637	1.661	(0.313)	26886	20.5482	2000
5 Chloroethane	64	1.694	1.702	(0.324)	30725	19.0736	1900
183 Dichlorofluoromethane	67	1.867	1.875	(0.357)	96750	18.1544	1800
7 Trichlorofluoromethane	101	1.859	1.875	(0.355)	44373	17.5229	1800
8 n-Pentane	72	1.908	1.916	(0.365)	10643	42.3089	4200
9 Ethanol	46	2.130	2.180	(0.407)	76039	3145.85	310000
11 Ethyl Ether	59	2.114	2.130	(0.404)	51754	19.2029	1900
13 Acrolein	56	2.287	2.303	(0.437)	29779	34.2448	3400
14 Freon TF	101	2.278	2.287	(0.435)	35422	23.4285	2300
15 1,1-Dichloroethene	96	2.295	2.311	(0.439)	25515	17.2354	1700
16 Acetone	43	2.402	2.410	(0.459)	83218	17.1487	1700

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53630.d
Report Date: 22-Mar-2013 01:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	17 Iodomethane	142	2.451	2.451	(0.468)	105230	16.2700	1600
	18 Carbon Disulfide	76	2.468	2.476	(0.472)	165432	19.8744	2000
	170 Cyclopentene	67	2.649	2.649	(0.506)	122468	19.8540	2000
	27 Methyl Acetate	43	2.657	2.665	(0.508)	119874	19.3866	1900
	21 Acetonitrile	41	2.748	2.748	(0.525)	365716	372.836	37000
	22 Methylene Chloride	84	2.772	2.780	(0.530)	75165	20.4054	2000
	24 TBA	59	2.887	2.887	(0.552)	275429	396.709	40000
	28 MTBE	73	2.962	2.970	(0.566)	216596	19.7199	2000
	25 trans-1,2-Dichloroethene	96	2.970	2.978	(0.568)	50340	18.1347	1800
	26 Acrylonitrile	53	3.060	3.060	(0.585)	49095	20.1273	2000
	29 Hexane	43	3.134	3.143	(0.599)	66275	20.0676	2000
	32 DIPE	45	3.398	3.406	(0.649)	259491	19.2325	1900
	30 1,1-Dichloroethane	63	3.406	3.406	(0.651)	110905	18.2116	1800
	31 Vinyl Acetate	43	3.447	3.447	(0.659)	577538	40.5448	4000
	34 n-Propanol	42	3.546	3.554	(0.678)	120440	2921.15	290000
	35 t-Butyl-ethyl-ether	59	3.760	3.768	(0.718)	219869	18.9224	1900
	37 2,2-Dichloropropane	77	3.957	3.957	(0.756)	70409	19.1782	1900
	36 cis-1,2-Dichloroethene	96	3.990	3.998	(0.763)	69894	17.8955	1800
	38 2-Butanone	72	4.031	4.040	(0.770)	15827	20.6240	2100
	39 Ethyl Acetate	70	4.056	4.056	(0.775)	24499	40.3957	4000
	40 Bromochloromethane	128	4.245	4.254	(0.811)	38510	18.4759	1800
	41 Tetrahydrofuran	42	4.245	4.245	(0.811)	44132	19.6046	2000
	42 Chloroform	83	4.328	4.328	(0.827)	122423	18.5106	1800
	44 Cyclohexane	56	4.435	4.443	(0.847)	87999	21.0318	2100
	43 1,1,1-Trichloroethane	97	4.468	4.468	(0.854)	79539	19.1876	1900
	45 Carbon Tetrachloride	117	4.599	4.599	(0.879)	67283	19.4278	1900
	46 1,1-Dichloropropene	75	4.649	4.649	(0.888)	92176	18.9173	1900
	48 Benzene	78	4.871	4.871	(0.554)	280923	17.2503	1700
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	161710	44.8932	4500
	50 t-Amyl-methyl-ether	73	4.994	4.994	(0.954)	196987	19.8264	2000
	49 1,2-Dichloroethane	62	4.994	4.994	(0.954)	112123	17.5459	1800
	61 Isopropyl Acetate	43	5.011	5.019	(0.958)	525099	38.0640	3800
	51 n-Heptane	57	5.101	5.101	(0.975)	54131	19.2986	1900
*	52 Fluorobenzene	96	5.233	5.233	(1.000)	607652	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.513	5.513	(1.053)	188247	43.4639	4300
	54 Trichloroethene	95	5.661	5.661	(1.082)	75630	18.8515	1900
	53 n-Butanol	56	5.686	5.694	(1.086)	269913	1428.87	140000
	56 Methyl cyclohexane	83	5.793	5.793	(1.107)	94395	21.5600	2200
	55 Ethyl Acrylate	55	5.867	5.867	(1.121)	147080	19.9467	2000
	57 1,2-Dichloropropane	63	6.007	6.006	(1.148)	79974	18.1731	1800
	58 Dibromomethane	93	6.163	6.163	(1.178)	56808	18.5264	1800
	59 Methyl Methacrylate	100	6.155	6.163	(1.176)	25992	21.7453	2200
	60 1,4-Dioxane	88	6.163	6.163	(1.178)	9046	142.833	14000
	75 Propyl Acetate	43	6.245	6.245	(1.193)	178479	19.9155	2000
	68 Bromodichloromethane	83	6.369	6.369	(1.217)	93715	18.3463	1800
	62 2-Chloroethyl Vinyl Ether	63	6.821	6.821	(1.304)	64252	19.2549	1900
	63 Epichlorohydrin	57	6.920	6.920	(0.787)	275211	383.299	38000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53630.d
Report Date: 22-Mar-2013 01:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	67 cis-1,3-Dichloropropene	75	6.978	6.978	(0.794)	124663	18.0240	1800
	70 4-Methyl-2-Pentanone	43	7.175	7.183	(0.816)	131895	19.2207	1900
$	65 Toluene-d8 (SUR)	98	7.225	7.224	(0.822)	431148	46.5488	4600
	66 Toluene	91	7.307	7.307	(0.831)	300243	18.0270	1800
	64 trans-1,3-Dichloropropene	75	7.677	7.677	(0.874)	111837	17.9819	1800
	69 1,1,2-Trichloroethane	83	7.866	7.866	(0.895)	66696	17.5582	1800
	71 Tetrachloroethene	166	7.883	7.883	(0.897)	73666	20.2292	2000
	72 1,3-Dichloropropane	76	8.039	8.039	(0.915)	129681	17.5856	1800
	73 2-Hexanone	43	8.122	8.121	(0.924)	94654	19.5771	2000
	76 Butyl Acetate	73	8.229	8.228	(0.936)	55909	40.3172	4000
	74 Dibromochloromethane	129	8.237	8.237	(0.937)	72178	18.6963	1900
	77 1,2-Dibromoethane	107	8.344	8.344	(0.949)	83231	18.6323	1900
*	78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	456598	50.0000	
	79 Chlorobenzene	112	8.813	8.813	(1.003)	198068	18.8291	1900
	81 Ethylbenzene	106	8.895	8.895	(1.012)	102520	19.6847	2000
	80 1,1,1,2-Tetrachloroethane	131	8.912	8.912	(1.014)	65275	19.2592	1900
	82 m+p-Xylene	106	9.010	9.010	(1.025)	249914	38.5900	3800
	83 Butyl Acrylate	73	9.381	9.381	(1.067)	69408	15.8592	1600
	84 o-Xylene	106	9.381	9.381	(1.067)	123617	19.7071	2000
	85 Styrene	104	9.405	9.405	(1.070)	211467	19.8829	2000
	87 Amyl Acetate	43	9.578	9.578	(0.884)	184752	19.3778	1900
	86 Bromoform	173	9.586	9.586	(1.091)	47654	17.7300	1800
	88 Isopropylbenzene	105	9.702	9.702	(1.104)	321991	20.7558	2100
$	89 Bromofluorobenzene (SUR)	174	9.874	9.874	(0.912)	171395	51.5532	5200
	91 Bromobenzene	156	9.990	9.990	(0.922)	80356	18.5480	1800
	92 1,1,2,2-Tetrachloroethane	83	10.031	10.031	(0.926)	116120	17.7013	1800
	95 n-Propylbenzene	91	10.056	10.055	(0.929)	400376	19.3721	1900
	93 1,2,3-Trichloropropane	110	10.072	10.072	(0.930)	33208	17.8274	1800
	94 trans-1,4-Dichloro-2-butene	53	10.088	10.088	(0.932)	29371	19.0790	1900
	96 2-Chlorotoluene	91	10.146	10.146	(0.937)	268524	18.4339	1800
	185 4-Ethyltoluene	105	10.154	10.154	(0.938)	329464	19.8752	2000
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	267325	19.7522	2000
	98 4-Chlorotoluene	91	10.245	10.245	(0.946)	247255	18.9831	1900
	99 Butyl Methacrylate	87	10.294	10.294	(0.951)	99274	17.0124	1700
	100 tert-Butylbenzene	119	10.467	10.467	(0.967)	224723	20.3670	2000
	101 1,2,4-Trimethylbenzene	105	10.525	10.525	(0.972)	268234	19.5297	2000
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	346872	17.8416	1800
	107 p-Isopropyltoluene	119	10.763	10.763	(0.994)	286248	17.3831	1700
	105 1,3-Dichlorobenzene	146	10.772	10.771	(0.995)	148016	18.8636	1900
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.829	(1.000)	227124	50.0000	
	109 1,4-Dichlorobenzene	146	10.854	10.854	(1.002)	153492	19.1986	1900
	110 Benzyl Chloride	91	10.969	10.969	(1.013)	196961	16.6435	1700
	171 Indan	117	11.027	11.027	(2.107)	277915	23.0429	2300
	106 n-Butylbenzene	91	11.092	11.092	(1.024)	341491	19.7477	2000
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	144533	19.0005	1900
	112 1,2-Dibromo-3-chloropropane	75	11.776	11.775	(1.087)	21206	20.1093	2000
	113 Camphor	95	12.310	12.310	(1.137)	73554	83.6515	8400

Data File: /chem/VOAMS2.i/8260_09/03-16-13/21mar13a.b/b53630.d
Report Date: 22-Mar-2013 01:47

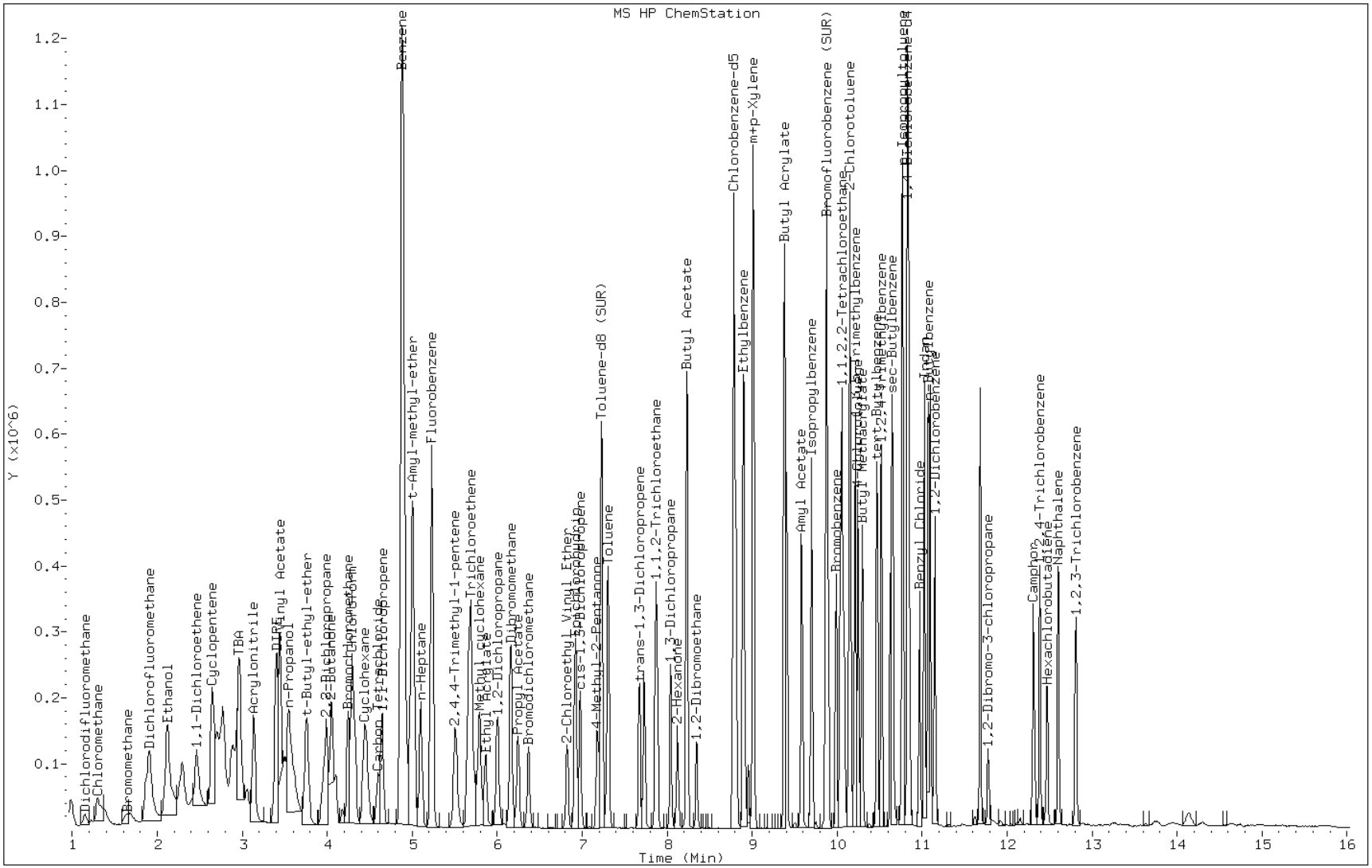
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
114	1,2,4-Trichlorobenzene	180	12.385	12.384	(1.144)	94632	19.9700	2000
115	Hexachlorobutadiene	225	12.475	12.475	(1.152)	34001	17.4403	1700
116	Naphthalene	128	12.607	12.607	(1.164)	279263	18.7469	1900
117	1,2,3-Trichlorobenzene	180	12.813	12.812	(1.183)	84594	18.8819	1900
M 120	1,2-Dichloroethene (Total)	100				120234	36.0302	3600
M 121	Xylene (Total)	100				373531	58.2971	5800

Data File: b53630.d

Date: 22-MAR-2013 00:40

Client ID: Instrument: VOAMS2.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152371/16

Matrix: Solid Lab File ID: d30789a.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 12:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	19.1		1.0	0.19
75-34-3	1,1-Dichloroethane	18.5		1.0	0.11
107-06-2	1,2-Dichloroethane	17.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.7		1.0	0.13
78-93-3	2-Butanone	23.1		10	0.63
67-64-1	Acetone	13.4		10	1.7
71-43-2	Benzene	18.8		1.0	0.15
591-78-6	2-Hexanone	22.8		10	0.13
75-25-2	Bromoform	18.0		1.0	0.17
74-83-9	Bromomethane	16.8		1.0	0.43
75-15-0	Carbon disulfide	18.0		1.0	0.15
56-23-5	Carbon tetrachloride	18.8		1.0	0.15
123-91-1	1,4-Dioxane	160		50	13
108-90-7	Chlorobenzene	18.1		1.0	0.18
75-00-3	Chloroethane	16.5		1.0	0.33
67-66-3	Chloroform	18.7		1.0	0.24
74-87-3	Chloromethane	14.3		1.0	0.16
108-10-1	4-Methyl-2-pentanone	20.4		10	0.20
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	17.9		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.5		1.0	0.10
110-82-7	Cyclohexane	18.2		1.0	0.13
541-73-1	1,3-Dichlorobenzene	18.6		1.0	0.16
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.5		1.0	0.19
100-41-4	Ethylbenzene	18.7		1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	17.4		1.0	0.16
76-13-1	Freon TF	19.0		1.0	0.11
78-87-5	1,2-Dichloropropane	18.5		1.0	0.15
98-82-8	Isopropylbenzene	19.3		1.0	0.11
79-20-9	Methyl acetate	17.6		1.0	0.32
108-87-2	Methylcyclohexane	18.3		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		1.0	0.44
75-09-2	Methylene Chloride	25.3		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.090
1634-04-4	MTBE	18.1		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152371/16

Matrix: Solid Lab File ID: d30789a.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 12:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	17.7		1.0	0.14
124-48-1	Dibromochloromethane	18.6		1.0	0.10
100-42-5	Styrene	18.6		1.0	0.28
106-93-4	1,2-Dibromoethane	18.5		1.0	0.15
127-18-4	Tetrachloroethene	19.3		1.0	0.12
75-71-8	Dichlorodifluoromethane	16.5		1.0	0.22
108-88-3	Toluene	18.4		1.0	0.14
74-97-5	Bromochloromethane	18.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.13
75-27-4	Bromodichloromethane	18.5		1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	17.5		1.0	0.10
79-01-6	Trichloroethene	19.0		1.0	0.12
75-69-4	Trichlorofluoromethane	17.4		1.0	0.16
75-01-4	Vinyl chloride	15.6		1.0	0.34
1330-20-7	Xylenes, Total	56.1		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	93		70-130

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30789a.d
Report Date: 22-Mar-2013 19:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30789a.d
Lab Smp Id: LCS
Inj Date : 22-MAR-2013 12:36
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 17:59 vibha Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 13 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)
M 14	1,2-Dichloroethene (total)	100				192281	37.4881	37
90	Dichlorodifluoromethane	85	1.234	1.240	(0.271)	110549	16.4608	16
1	Chloromethane	50	1.322	1.328	(0.291)	86600	14.2602	14
4	Vinyl Chloride	62	1.393	1.399	(0.306)	96256	15.6167	16
3	Bromomethane	94	1.587	1.587	(0.349)	67934	16.8285	17
5	Chloroethane	64	1.651	1.657	(0.363)	50169	16.5202	16
9	Trichlorofluoromethane	101	1.751	1.752	(0.385)	142380	17.4251	17
121	n-Pentane	72	1.728	1.740	(0.380)	34478	41.5270	42
161	Dichlorofluoromethane	67	1.793	1.799	(0.394)	157278	17.7574	18
46	Ethyl Ether	59	1.946	1.957	(0.428)	46154	18.4506	18
10	1,1-Dichloroethene	96	2.063	2.075	(0.454)	72588	19.0742	19
127	Ethanol	46	2.110	2.116	(0.464)	29505	1962.23	2000(R)
8	Carbon Disulfide	76	2.081	2.087	(0.458)	280562	18.0462	18
48	Freon TF	101	2.104	2.128	(0.463)	98730	18.9563	19

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30789a.d
Report Date: 22-Mar-2013 19:50

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	2.157	2.163	(0.475)	169318	18.4785	18
119	Isoprene	67	1.928	1.940	(0.424)	113598	17.2036	17
6	Methylene Chloride	84	2.463	2.469	(0.542)	101015	25.2770	25
7	Acetone	43	2.510	2.516	(0.552)	17485	13.4143	13
12	trans-1,2-Dichloroethene	96	2.569	2.581	(0.565)	95834	18.8967	19
125	Methyl acetate	74	2.610	2.610	(0.574)	16766	17.6009	18
54	Hexane	56	2.634	2.640	(0.579)	81834	18.3052	18
53	MTBE	73	2.657	2.669	(0.585)	178489	18.1279	18
50	Acetonitrile	41	2.840	2.851	(0.625)	110097	201.763	200(R)
55	DIPE	45	2.957	2.963	(0.651)	227047	18.0483	18
11	1,1-Dichloroethane	63	3.022	3.028	(0.665)	145868	18.4986	18
51	TBA	59	2.781	2.781	(0.612)	111070	332.351	330
149	tert-Butyl ethyl ether	59	3.222	3.228	(0.709)	260738	21.6237	22
13	cis-1,2-Dichloroethene	96	3.445	3.446	(0.758)	96447	18.5914	18
104	2,2-Dichloropropane	77	3.534	3.534	(0.777)	138656	18.8117	19
108	Bromochloromethane	128	3.598	3.604	(0.792)	43190	18.9050	19
59	Cyclohexane	56	3.598	3.604	(0.792)	171058	18.1813	18
15	Chloroform	83	3.675	3.681	(0.808)	148591	18.6515	19
56	Ethyl Acetate	70	3.804	3.798	(0.837)	11503	38.1776	38
21	Carbon Tetrachloride	117	3.781	3.781	(0.832)	160223	18.8028	19
20	1,1,1-Trichloroethane	97	3.834	3.840	(0.843)	150138	18.6924	19
18	2-Butanone	43	3.957	3.951	(0.871)	21872	23.0667	23
92	1,1-Dichloropropene	75	3.934	3.940	(0.865)	110961	18.5420	18
62	n-Heptane	57	4.157	4.151	(0.527)	73379	17.0529	17
28	Benzene	78	4.157	4.157	(0.915)	335653	18.8265	19
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.942)	94457	43.7093	44
140	tert-Amylmethyl Ether	73	4.292	4.293	(0.944)	180280	18.9131	19
17	1,2-Dichloroethane	62	4.339	4.345	(0.955)	80439	17.7346	18
* 69	Fluorobenzene	96	4.545	4.545	(1.000)	519879	50.0000	
61	Isopropyl Acetate	43	4.634	4.634	(1.019)	191392	37.5171	38
126	Methyl cyclohexane	83	4.686	4.693	(1.031)	187086	18.3265	18
25	Trichloroethene	95	4.704	4.704	(1.035)	93279	18.9506	19
109	Dibromomethane	93	5.128	5.122	(1.128)	37523	18.5050	18
23	1,2-Dichloropropane	63	5.222	5.228	(1.149)	71458	18.5480	18
96	Ethyl Acrylate	55	5.316	5.310	(1.170)	48060	16.4713	16
22	Bromodichloromethane	83	5.310	5.316	(1.168)	90568	18.5197	18
146	Methyl methacrylate	69	5.528	5.528	(1.216)	32034	18.1179	18
95	1,4-Dioxane	88	5.563	5.540	(1.224)	5982	160.213	160
64	Propyl Acetate	43	5.704	5.704	(1.255)	45407	15.4428	15
30	2-Chloroethyl Vinyl Ether	63	5.986	5.981	(1.317)	21526	16.7858	17
24	cis-1,3-Dichloropropene	75	6.016	6.016	(1.323)	99675	17.9137	18
29	trans-1,3-Dichloropropene	75	6.810	6.810	(0.863)	76956	17.4781	17
$ 37	Toluene-d8 (SUR)	98	6.228	6.222	(0.789)	382361	46.3197	46
38	Toluene	91	6.281	6.281	(0.796)	362596	18.4179	18
118	Epichlorohydrin	57	6.322	6.322	(1.391)	74708	350.589	350
35	Tetrachloroethene	166	6.728	6.728	(0.852)	119902	19.2855	19
33	4-Methyl-2-Pentanone	43	6.786	6.787	(1.493)	41623	20.3507	20

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30789a.d
Report Date: 22-Mar-2013 19:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	27 1,1,2-Trichloroethane	83	6.980	6.981	(0.884)	41329	17.6849	18
	160 Ethyl methacrylate	69	7.051	7.045	(1.551)	59586	18.4224	18
	26 Dibromochloromethane	129	7.157	7.157	(0.907)	65797	18.6189	19
	103 1,3-Dichloropropane	76	7.263	7.263	(0.920)	79136	17.5172	18
	66 1,2-Dibromoethane	107	7.369	7.375	(0.934)	49554	18.5131	18
	65 Butyl Acetate	43	7.627	7.628	(0.966)	113907	31.1100	31
	34 2-Hexanone	43	7.680	7.681	(0.973)	34518	22.8434	23
*	32 Chlorobenzene-d5	117	7.892	7.886	(1.000)	322546	50.0000	
	39 Chlorobenzene	112	7.904	7.904	(1.001)	225218	18.1111	18
	40 Ethylbenzene	106	7.957	7.957	(1.008)	130597	18.6605	19
	97 1,1,1,2-Tetrachloroethane	131	7.980	7.981	(1.011)	84696	18.4256	18
	43 m+p-Xylene	106	8.098	8.098	(1.026)	319776	37.4203	37
	44 o-Xylene	106	8.469	8.469	(1.073)	150319	18.6878	19
	42 Styrene	104	8.516	8.516	(1.079)	218815	18.5694	18
	31 Bromoform	173	8.516	8.516	(1.079)	43418	18.0216	18
	147 Butyl Acrylate	55	8.680	8.681	(0.884)	82657	16.4466	16
	110 Isopropylbenzene	105	8.739	8.739	(1.107)	441500	19.2969	19
$	41 Bromofluorobenzene (SUR)	174	8.957	8.951	(0.912)	169372	46.6137	47
	107 Bromobenzene	156	9.021	9.022	(0.919)	99070	18.2846	18
	112 n-Propylbenzene	91	9.080	9.075	(0.925)	505457	19.2500	19
	36 1,1,2,2-Tetrachloroethane	83	9.151	9.145	(0.932)	60632	17.7764	18
	105 2-Chlorotoluene	91	9.180	9.175	(0.935)	320235	18.3915	18
	99 1,2,3-Trichloropropane	110	9.233	9.228	(0.941)	18558	18.0038	18
	143 trans-1,4-Dichloro-2-butene	53	9.280	9.280	(2.042)	12793	18.1317	18
	106 4-Chlorotoluene	91	9.310	9.310	(0.948)	272216	18.8691	19
	148 Butyl methacrylate	69	9.504	9.498	(0.968)	84740	17.7622	18
	102 1,3,5-Trimethylbenzene	105	9.245	9.239	(0.942)	354665	18.9866	19
	100 1,2,4-Trimethylbenzene	105	9.533	9.533	(0.971)	360790	19.6084	20
	114 sec-Butylbenzene	105	9.616	9.610	(0.980)	484740	19.3327	19
	115 tert-Butylbenzene	119	9.480	9.475	(0.966)	306535	16.4200	16
	113 p-Isopropyltoluene	119	9.727	9.727	(0.991)	411468	19.3653	19
*	91 1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	175691	50.0000	
	68 1,4-Dichlorobenzene	146	9.821	9.822	(1.001)	202749	18.8964	19
	151 2-Octanone	43	9.933	9.933	(1.012)	51074	17.1672	17
	117 Benzyl chloride	126	10.016	10.016	(1.020)	25963	17.9186	18
	111 n-Butylbenzene	92	10.039	10.039	(1.023)	221438	19.2314	19
	67 1,3-Dichlorobenzene	146	9.757	9.751	(0.994)	204107	18.6263	19
	69 1,2-Dichlorobenzene	146	10.127	10.127	(1.032)	183254	18.5083	18
	101 1,2-Dibromo-3-chloropropane	75	10.704	10.704	(1.090)	9332	16.3421	16
	94 Hexachlorobutadiene	225	11.168	11.169	(1.138)	100591	18.2320	18
	93 1,2,4-Trichlorobenzene	180	11.180	11.174	(1.139)	138090	17.5182	18
	70 Naphthalene	128	11.410	11.404	(1.162)	202325	16.5399	16
	98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	120320	17.4004	17
	152 Camphor	95	11.380	11.380	(1.159)	18647	67.5548	68
M	45 Xylene (Total)	100				470095	56.1090	56

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30789a.d
Report Date: 22-Mar-2013 19:50

QC Flag Legend

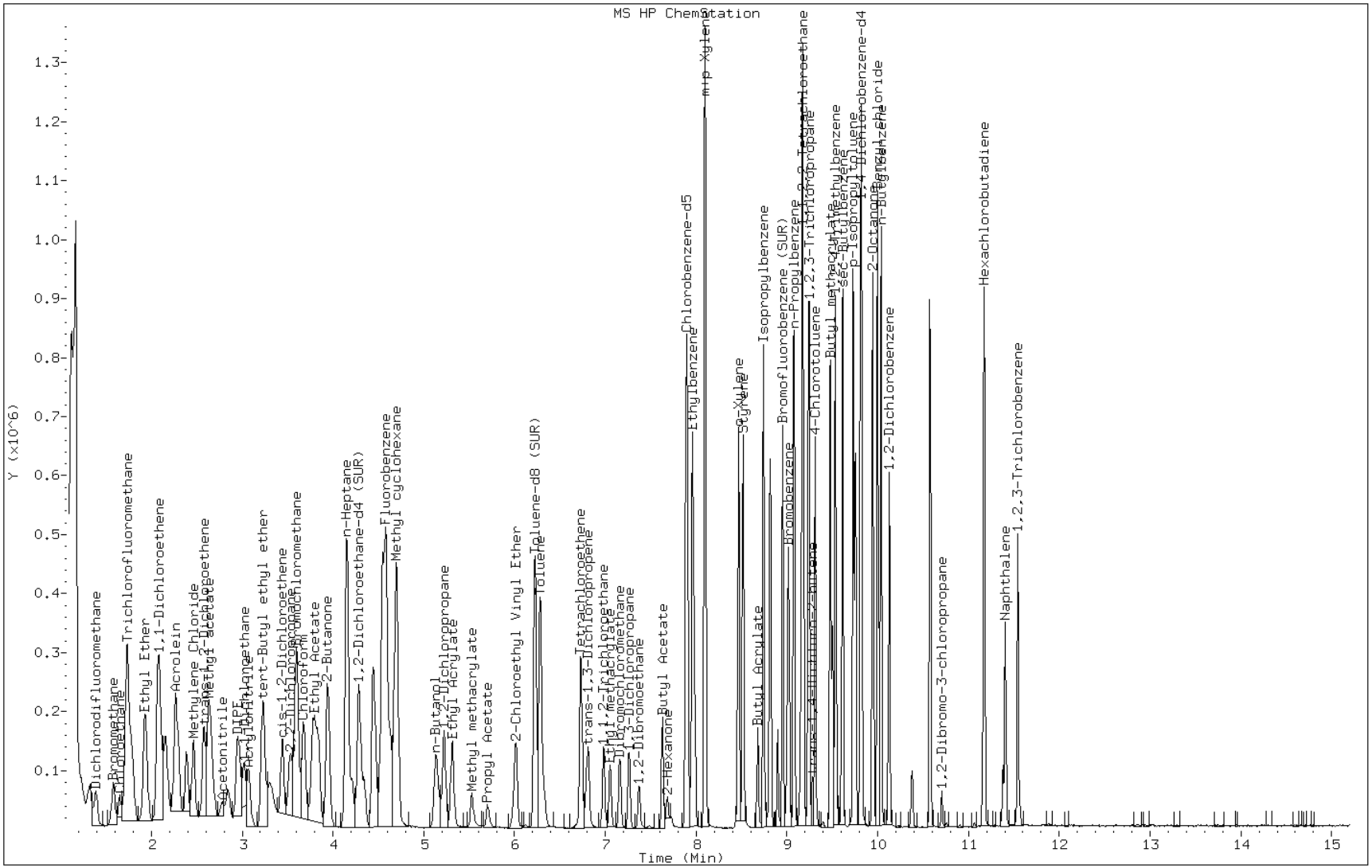
R - Spike/Surrogate failed recovery limits.

Data File: d30789a.d

Date: 22-MAR-2013 12:36

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152393/14

Matrix: Solid Lab File ID: d30809.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 22:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	16.9		1.0	0.19
75-34-3	1,1-Dichloroethane	17.9		1.0	0.11
107-06-2	1,2-Dichloroethane	18.8		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.13
78-93-3	2-Butanone	16.1		10	0.63
67-64-1	Acetone	11.6		10	1.7
71-43-2	Benzene	18.3		1.0	0.15
591-78-6	2-Hexanone	16.4		10	0.13
75-25-2	Bromoform	18.2		1.0	0.17
74-83-9	Bromomethane	17.7		1.0	0.43
75-15-0	Carbon disulfide	16.2		1.0	0.15
56-23-5	Carbon tetrachloride	17.5		1.0	0.15
123-91-1	1,4-Dioxane	138		50	13
108-90-7	Chlorobenzene	18.1		1.0	0.18
75-00-3	Chloroethane	17.3		1.0	0.33
67-66-3	Chloroform	18.3		1.0	0.24
74-87-3	Chloromethane	14.9		1.0	0.16
108-10-1	4-Methyl-2-pentanone	18.3		10	0.20
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.14
95-50-1	1,2-Dichlorobenzene	17.5		1.0	0.10
110-82-7	Cyclohexane	15.9		1.0	0.13
541-73-1	1,3-Dichlorobenzene	17.3		1.0	0.16
106-46-7	1,4-Dichlorobenzene	18.2		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.4		1.0	0.19
100-41-4	Ethylbenzene	18.0		1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	18.2		1.0	0.16
76-13-1	Freon TF	17.7		1.0	0.11
78-87-5	1,2-Dichloropropane	18.0		1.0	0.15
98-82-8	Isopropylbenzene	18.4		1.0	0.11
79-20-9	Methyl acetate	18.7		1.0	0.32
108-87-2	Methylcyclohexane	16.6		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1.0	0.44
75-09-2	Methylene Chloride	21.8		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	16.7		1.0	0.090
1634-04-4	MTBE	18.2		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152393/14

Matrix: Solid Lab File ID: d30809.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 22:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.4		1.0	0.14
124-48-1	Dibromochloromethane	18.2		1.0	0.10
100-42-5	Styrene	18.3		1.0	0.28
106-93-4	1,2-Dibromoethane	17.9		1.0	0.15
127-18-4	Tetrachloroethene	17.7		1.0	0.12
75-71-8	Dichlorodifluoromethane	15.5		1.0	0.22
108-88-3	Toluene	17.3		1.0	0.14
74-97-5	Bromochloromethane	18.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.13
75-27-4	Bromodichloromethane	18.8		1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.10
79-01-6	Trichloroethene	18.5		1.0	0.12
75-69-4	Trichlorofluoromethane	17.4		1.0	0.16
75-01-4	Vinyl chloride	14.6		1.0	0.34
1330-20-7	Xylenes, Total	54.5		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	88		70-130

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30809.d
Report Date: 25-Mar-2013 11:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30809.d
Lab Smp Id: LCS
Inj Date : 22-MAR-2013 22:18
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 3 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)
M 14 1,2-Dichloroethene (total)	100				168708	35.9029	36
90 Dichlorodifluoromethane	85	1.240	1.234	(0.273)	95295	15.4926	15
1 Chloromethane	50	1.328	1.322	(0.292)	82685	14.8659	15
4 Vinyl Chloride	62	1.393	1.387	(0.306)	82328	14.5837	14
3 Bromomethane	94	1.587	1.581	(0.349)	65366	17.6794	18
5 Chloroethane	64	1.652	1.646	(0.363)	48180	17.3222	17
9 Trichlorofluoromethane	101	1.752	1.740	(0.385)	130344	17.4171	17
121 n-Pentane	72	1.728	1.728	(0.380)	29853	39.2585	39
161 Dichlorofluoromethane	67	1.793	1.793	(0.394)	137449	16.9438	17
46 Ethyl Ether	59	1.946	1.940	(0.428)	40842	17.8264	18
10 1,1-Dichloroethene	96	2.063	2.057	(0.454)	59042	16.9395	17
127 Ethanol	46	2.093	2.110	(0.460)	33396	2424.97	2400
8 Carbon Disulfide	76	2.081	2.081	(0.458)	230759	16.2059	16
48 Freon TF	101	2.110	2.110	(0.464)	84468	17.7074	18

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30809.d
Report Date: 25-Mar-2013 11:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
142	Iodomethane	142	2.157	2.152	(0.475)	150398	17.9211	18
119	Isoprene	67	1.928	1.922	(0.424)	95342	15.7648	16(R)
6	Methylene Chloride	84	2.463	2.457	(0.542)	79756	21.7902	22
7	Acetone	43	2.522	2.510	(0.555)	13962	11.6474	12
12	trans-1,2-Dichloroethene	96	2.575	2.569	(0.566)	82009	17.6557	18
125	Methyl acetate	74	2.605	2.599	(0.573)	16328	18.7153	19
54	Hexane	56	2.640	2.628	(0.581)	66227	16.1746	16
53	MTBE	73	2.657	2.663	(0.585)	164374	18.2275	18
50	Acetonitrile	41	2.852	2.840	(0.627)	105829	212.107	210(R)
55	DIPE	45	2.957	2.957	(0.651)	199984	17.3569	17
11	1,1-Dichloroethane	63	3.028	3.022	(0.666)	129150	17.8826	18
51	TBA	59	2.787	2.793	(0.613)	102531	334.976	330
149	tert-Butyl ethyl ether	59	3.228	3.228	(0.710)	209531	18.9728	19
13	cis-1,2-Dichloroethene	96	3.446	3.440	(0.758)	86699	18.2472	18
104	2,2-Dichloropropane	77	3.528	3.534	(0.776)	119687	17.7294	18
108	Bromochloromethane	128	3.599	3.604	(0.792)	38776	18.5317	18
59	Cyclohexane	56	3.599	3.593	(0.792)	136766	15.8714	16(R)
15	Chloroform	83	3.675	3.675	(0.808)	133864	18.3461	18
56	Ethyl Acetate	70	3.804	3.804	(0.837)	10928	39.6001	40
21	Carbon Tetrachloride	117	3.781	3.781	(0.832)	136634	17.5071	18
20	1,1,1-Trichloroethane	97	3.834	3.834	(0.843)	134223	18.2457	18
18	2-Butanone	43	3.963	3.957	(0.872)	14025	16.1494	16
92	1,1-Dichloropropene	75	3.940	3.940	(0.867)	94043	17.1582	17
62	n-Heptane	57	4.151	4.146	(0.526)	63486	15.5042	16
28	Benzene	78	4.157	4.157	(0.915)	298485	18.2793	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.942)	91219	46.0875	46
140	tert-Amylmethyl Ether	73	4.293	4.293	(0.944)	164975	18.8969	19
17	1,2-Dichloroethane	62	4.346	4.346	(0.956)	77921	18.7571	19
* 69	Fluorobenzene	96	4.546	4.546	(1.000)	476151	50.0000	
61	Isopropyl Acetate	43	4.634	4.634	(1.019)	169175	36.2076	36
126	Methyl cyclohexane	83	4.693	4.687	(1.032)	155674	16.6499	17
25	Trichloroethene	95	4.710	4.710	(1.036)	83459	18.5127	18
109	Dibromomethane	93	5.128	5.128	(1.128)	35063	18.8799	19
23	1,2-Dichloropropane	63	5.228	5.228	(1.150)	63383	17.9629	18
96	Ethyl Acrylate	55	5.316	5.316	(1.169)	46130	17.2617	17
22	Bromodichloromethane	83	5.316	5.316	(1.169)	84353	18.8329	19
146	Methyl methacrylate	69	5.534	5.528	(1.217)	30792	19.0148	19
95	1,4-Dioxane	88	5.575	5.557	(1.226)	4712	137.789	140
64	Propyl Acetate	43	5.710	5.704	(1.256)	44415	16.4926	16
30	2-Chloroethyl Vinyl Ether	63	5.987	5.993	(1.317)	18528	15.7749	16
24	cis-1,3-Dichloropropene	75	6.016	6.016	(1.323)	90373	17.7335	18
29	trans-1,3-Dichloropropene	75	6.816	6.810	(0.864)	76692	18.3040	18
$ 37	Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	365357	46.5109	46
38	Toluene	91	6.287	6.287	(0.797)	324350	17.3132	17
118	Epichlorohydrin	57	6.328	6.328	(1.392)	66702	341.765	340
35	Tetrachloroethene	166	6.734	6.734	(0.853)	104959	17.7407	18
33	4-Methyl-2-Pentanone	43	6.792	6.798	(1.494)	34235	18.2757	18

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30809.d
Report Date: 25-Mar-2013 11:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
27	1,1,2-Trichloroethane	83	6.987	6.981	(0.885)	40823	18.3568	18
160	Ethyl methacrylate	69	7.057	7.057	(1.553)	55046	18.5817	18
26	Dibromochloromethane	129	7.163	7.163	(0.908)	61184	18.1941	18
103	1,3-Dichloropropane	76	7.263	7.263	(0.920)	78450	18.2486	18
66	1,2-Dibromoethane	107	7.375	7.375	(0.934)	45611	17.9067	18
65	Butyl Acetate	43	7.628	7.628	(0.966)	111082	31.8815	32
34	2-Hexanone	43	7.687	7.687	(0.974)	23604	16.4152	16
* 32	Chlorobenzene-d5	117	7.892	7.892	(1.000)	306935	50.0000	
39	Chlorobenzene	112	7.910	7.910	(1.002)	214274	18.1074	18
40	Ethylbenzene	106	7.957	7.957	(1.008)	119695	17.9726	18
97	1,1,1,2-Tetrachloroethane	131	7.981	7.981	(1.011)	75141	17.1783	17
43	m+p-Xylene	106	8.098	8.098	(1.026)	294949	36.2705	36
44	o-Xylene	106	8.469	8.469	(1.073)	139312	18.2003	18
42	Styrene	104	8.516	8.516	(1.079)	205667	18.3413	18
31	Bromoform	173	8.516	8.516	(1.079)	41660	18.1714	18
147	Butyl Acrylate	55	8.681	8.681	(0.884)	83838	16.4734	16
110	Isopropylbenzene	105	8.745	8.745	(1.108)	400329	18.3873	18
$ 41	Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	162041	44.0394	44
107	Bromobenzene	156	9.022	9.022	(0.919)	97821	17.8287	18
112	n-Propylbenzene	91	9.081	9.081	(0.925)	454180	17.0812	17
36	1,1,2,2-Tetrachloroethane	83	9.151	9.151	(0.932)	57845	16.7476	17
105	2-Chlorotoluene	91	9.181	9.181	(0.935)	304374	17.2624	17
99	1,2,3-Trichloropropane	110	9.233	9.233	(0.941)	18403	17.6306	18
143	trans-1,4-Dichloro-2-butene	53	9.281	9.286	(2.042)	12609	19.5121	20
106	4-Chlorotoluene	91	9.316	9.316	(0.949)	253894	17.3794	17
148	Butyl methacrylate	69	9.504	9.504	(0.968)	80798	16.7245	17
102	1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	325426	17.2038	17
100	1,2,4-Trimethylbenzene	105	9.533	9.533	(0.971)	331873	17.8117	18
114	sec-Butylbenzene	105	9.616	9.616	(0.980)	433597	17.0771	17
115	tert-Butylbenzene	119	9.481	9.481	(0.966)	271992	14.3878	14(R)
113	p-Isopropyltoluene	119	9.733	9.733	(0.992)	366139	17.0168	17
* 91	1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	177912	50.0000	
68	1,4-Dichlorobenzene	146	9.822	9.828	(1.001)	198070	18.2298	18
151	2-Octanone	43	9.939	9.939	(1.013)	44465	14.7591	15
117	Benzyl chloride	126	10.016	10.016	(1.020)	24203	16.4954	16
111	n-Butylbenzene	92	10.039	10.039	(1.023)	197636	16.9500	17
67	1,3-Dichlorobenzene	146	9.757	9.757	(0.994)	192491	17.3470	17
69	1,2-Dichlorobenzene	146	10.128	10.128	(1.032)	175942	17.5480	18
101	1,2-Dibromo-3-chloropropane	75	10.704	10.704	(1.090)	10056	17.3902	17
94	Hexachlorobutadiene	225	11.169	11.169	(1.138)	90782	16.2487	16
93	1,2,4-Trichlorobenzene	180	11.180	11.180	(1.139)	138891	17.3998	17
70	Naphthalene	128	11.410	11.410	(1.162)	208089	16.7988	17
98	1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	127107	18.1525	18
152	Camphor	95	11.380	11.380	(1.159)	20886	74.7217	75
M 45	Xylene (Total)	100				434261	54.4682	54

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30809.d
Report Date: 25-Mar-2013 11:05

QC Flag Legend

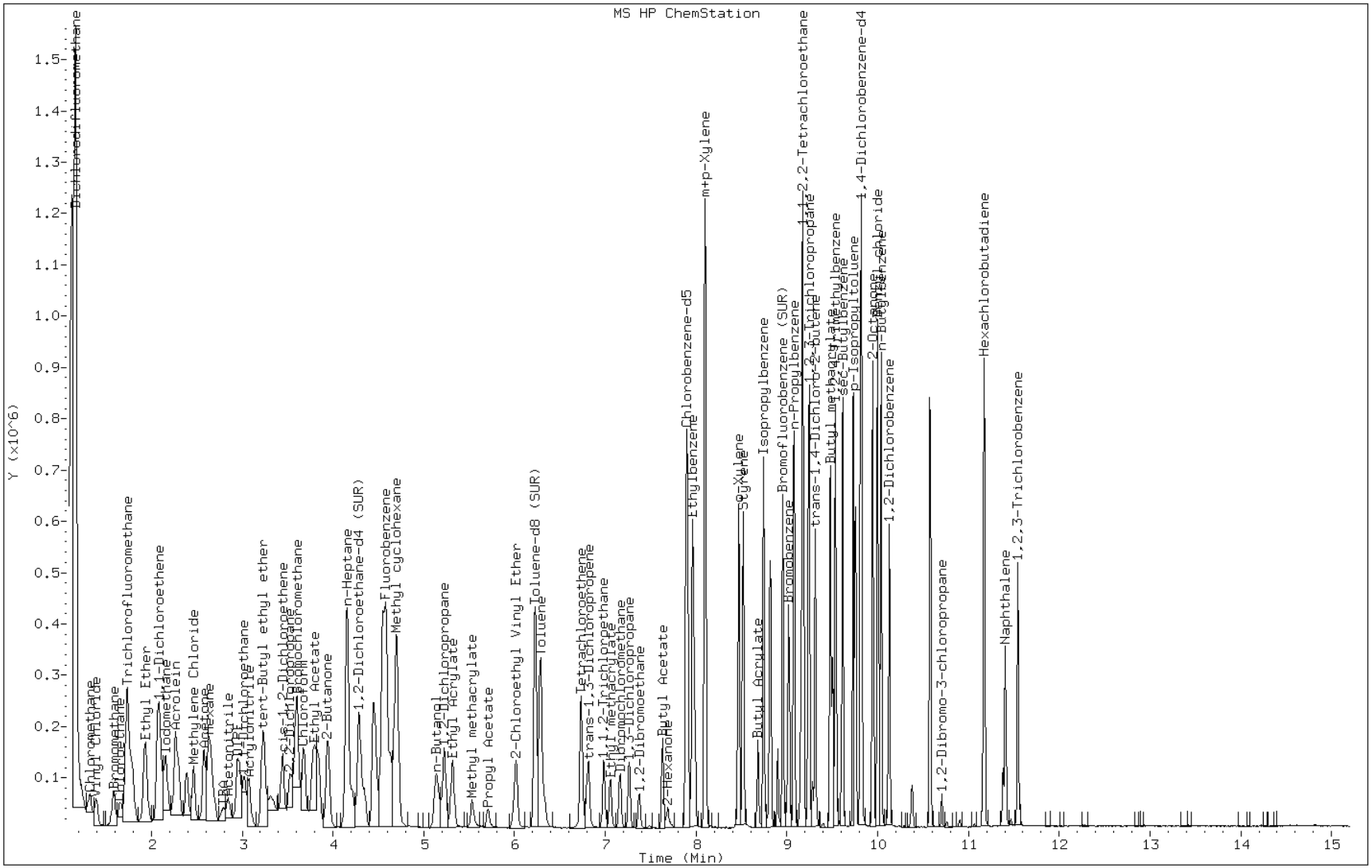
R - Spike/Surrogate failed recovery limits.

Data File: d30809.d

Date: 22-MAR-2013 22:18

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152400/3

Matrix: Solid Lab File ID: d30832.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2013 07:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	22.6		1.0	0.19
75-34-3	1,1-Dichloroethane	22.6		1.0	0.11
107-06-2	1,2-Dichloroethane	21.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	22.7		1.0	0.13
78-93-3	2-Butanone	21.0		10	0.63
67-64-1	Acetone	17.8		10	1.7
71-43-2	Benzene	22.8		1.0	0.15
591-78-6	2-Hexanone	20.5		10	0.13
75-25-2	Bromoform	21.3		1.0	0.17
74-83-9	Bromomethane	21.6		1.0	0.43
75-15-0	Carbon disulfide	22.3		1.0	0.15
56-23-5	Carbon tetrachloride	23.0		1.0	0.15
123-91-1	1,4-Dioxane	148		50	13
108-90-7	Chlorobenzene	22.8		1.0	0.18
75-00-3	Chloroethane	21.2		1.0	0.33
67-66-3	Chloroform	22.3		1.0	0.24
74-87-3	Chloromethane	19.4		1.0	0.16
108-10-1	4-Methyl-2-pentanone	22.2		10	0.20
156-59-2	cis-1,2-Dichloroethene	22.7		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	21.9		1.0	0.14
95-50-1	1,2-Dichlorobenzene	21.5		1.0	0.10
110-82-7	Cyclohexane	22.4		1.0	0.13
541-73-1	1,3-Dichlorobenzene	22.1		1.0	0.16
106-46-7	1,4-Dichlorobenzene	21.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	22.2		1.0	0.19
100-41-4	Ethylbenzene	22.6		1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	22.3		1.0	0.16
76-13-1	Freon TF	23.5		1.0	0.11
78-87-5	1,2-Dichloropropane	23.1		1.0	0.15
98-82-8	Isopropylbenzene	23.8		1.0	0.11
79-20-9	Methyl acetate	22.9		1.0	0.32
108-87-2	Methylcyclohexane	22.8		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	21.7		1.0	0.44
75-09-2	Methylene Chloride	27.2		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.0	0.090
1634-04-4	MTBE	22.4		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152400/3

Matrix: Solid Lab File ID: d30832.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2013 07:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	21.8		1.0	0.14
124-48-1	Dibromochloromethane	22.0		1.0	0.10
100-42-5	Styrene	23.2		1.0	0.28
106-93-4	1,2-Dibromoethane	23.3		1.0	0.15
127-18-4	Tetrachloroethene	23.0		1.0	0.12
75-71-8	Dichlorodifluoromethane	21.1		1.0	0.22
108-88-3	Toluene	22.3		1.0	0.14
74-97-5	Bromochloromethane	23.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	23.3		1.0	0.13
75-27-4	Bromodichloromethane	22.0		1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	21.5		1.0	0.10
79-01-6	Trichloroethene	23.0		1.0	0.12
75-69-4	Trichlorofluoromethane	20.9		1.0	0.16
75-01-4	Vinyl chloride	20.7		1.0	0.34
1330-20-7	Xylenes, Total	69.4		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	106		70-130

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30832.d
Report Date: 23-Mar-2013 07:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30832.d
Lab Smp Id: LCS
Inj Date : 23-MAR-2013 07:13
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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 * ((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)
M 14	1,2-Dichloroethene (total)	100				191764	46.0660	46
90	Dichlorodifluoromethane	85	1.234	1.246	(0.272)	114972	21.0925	21
1	Chloromethane	50	1.316	1.328	(0.290)	95444	19.3639	19
4	Vinyl Chloride	62	1.381	1.399	(0.304)	103362	20.6615	21
3	Bromomethane	94	1.581	1.581	(0.348)	70752	21.5943	22
5	Chloroethane	64	1.646	1.657	(0.362)	52377	21.2498	21
9	Trichlorofluoromethane	101	1.740	1.752	(0.383)	138729	20.9186	21
121	n-Pentane	72	1.728	1.740	(0.381)	38171	56.6459	57(R)
161	Dichlorofluoromethane	67	1.787	1.793	(0.394)	153659	21.3750	21
46	Ethyl Ether	59	1.940	1.952	(0.427)	45318	22.3209	22
10	1,1-Dichloroethene	96	2.063	2.075	(0.454)	69656	22.5518	22
127	Ethanol	46	2.093	2.122	(0.461)	38312	3139.32	3100
8	Carbon Disulfide	76	2.075	2.087	(0.457)	281411	22.3015	22
48	Freon TF	101	2.110	2.116	(0.465)	99469	23.5305	24

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30832.d
Report Date: 23-Mar-2013 07:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
142	Iodomethane	142	2.157	2.163	(0.475)	170235	22.8902	23
119	Isoprene	67	1.928	1.934	(0.425)	117378	21.9015	22
6	Methylene Chloride	84	2.457	2.469	(0.541)	88297	27.2223	27
7	Acetone	43	2.504	2.522	(0.552)	18612	17.7677	18
12	trans-1,2-Dichloroethene	96	2.569	2.581	(0.566)	95979	23.3174	23
125	Methyl acetate	74	2.599	2.604	(0.572)	17724	22.9252	23
54	Hexane	56	2.628	2.634	(0.579)	80795	22.2672	22
53	MTBE	73	2.663	2.669	(0.587)	179084	22.4093	22
50	Acetonitrile	41	2.840	2.857	(0.626)	111243	253.255	250
55	DIPE	45	2.946	2.957	(0.649)	228286	22.3581	22
11	1,1-Dichloroethane	63	3.022	3.022	(0.666)	144773	22.6205	23
51	TBA	59	2.781	2.781	(0.613)	111114	409.645	410
149	tert-Butyl ethyl ether	59	3.222	3.228	(0.710)	259794	26.5456	26
13	cis-1,2-Dichloroethene	96	3.434	3.451	(0.756)	95784	22.7487	23
104	2,2-Dichloropropane	77	3.528	3.534	(0.777)	140612	23.5044	24
108	Bromochloromethane	128	3.598	3.610	(0.793)	42951	23.1638	23
59	Cyclohexane	56	3.598	3.598	(0.793)	171268	22.4281	22
15	Chloroform	83	3.669	3.675	(0.808)	144052	22.2781	22
56	Ethyl Acetate	70	3.793	3.804	(0.835)	11898	48.6567	49
21	Carbon Tetrachloride	117	3.775	3.781	(0.832)	158906	22.9760	23
20	1,1,1-Trichloroethane	97	3.834	3.840	(0.844)	147746	22.6636	23
18	2-Butanone	43	3.951	3.963	(0.870)	16155	20.9923	21
92	1,1-Dichloropropene	75	3.934	3.940	(0.867)	108740	22.3879	22
62	n-Heptane	57	4.145	4.157	(0.526)	74708	21.5639	22
28	Benzene	78	4.151	4.157	(0.914)	329550	22.7738	23
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.275	4.287	(0.942)	94674	53.9769	54
140	tert-Amylmethyl Ether	73	4.281	4.293	(0.943)	180909	23.3835	23
17	1,2-Dichloroethane	62	4.340	4.345	(0.956)	78303	21.2701	21
* 69	Fluorobenzene	96	4.540	4.545	(1.000)	421955	50.0000	
61	Isopropyl Acetate	43	4.628	4.640	(1.019)	186926	45.1453	45
126	Methyl cyclohexane	83	4.687	4.692	(1.032)	189231	22.8385	23
25	Trichloroethene	95	4.704	4.710	(1.036)	91923	23.0093	23
109	Dibromomethane	93	5.116	5.122	(1.127)	35865	21.7926	22
23	1,2-Dichloropropane	63	5.222	5.228	(1.150)	72102	23.0587	23
96	Ethyl Acrylate	55	5.304	5.316	(1.168)	49354	20.8405	21
22	Bromodichloromethane	83	5.310	5.316	(1.170)	87239	21.9789	22
146	Methyl methacrylate	69	5.522	5.534	(1.216)	30431	21.2060	21
95	1,4-Dioxane	88	5.557	5.569	(1.224)	4475	147.697	150
64	Propyl Acetate	43	5.698	5.704	(1.255)	48710	20.4110	20
30	2-Chloroethyl Vinyl Ether	63	5.981	5.981	(1.317)	20436	19.6345	20
24	cis-1,3-Dichloropropene	75	6.010	6.022	(1.324)	98761	21.8687	22
29	trans-1,3-Dichloropropene	75	6.810	6.810	(0.864)	76063	21.4566	21
$ 37	Toluene-d8 (SUR)	98	6.222	6.228	(0.789)	366000	55.0687	55
38	Toluene	91	6.281	6.287	(0.796)	352694	22.2509	22
118	Epichlorohydrin	57	6.322	6.322	(1.393)	72646	420.031	420
35	Tetrachloroethene	166	6.728	6.728	(0.853)	115017	22.9773	23
33	4-Methyl-2-Pentanone	43	6.786	6.792	(1.495)	36842	22.1936	22

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30832.d
Report Date: 23-Mar-2013 07:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
27	1,1,2-Trichloroethane	83	6.981	6.986	(0.885)	40950	21.7641	22
160	Ethyl methacrylate	69	7.051	7.057	(1.553)	60245	22.9489	23
26	Dibromochloromethane	129	7.157	7.163	(0.908)	62510	21.9702	22
103	1,3-Dichloropropane	76	7.257	7.263	(0.920)	81642	22.4458	22
66	1,2-Dibromoethane	107	7.369	7.375	(0.934)	50110	23.2520	23
65	Butyl Acetate	43	7.628	7.628	(0.967)	114622	38.8824	39
34	2-Hexanone	43	7.681	7.681	(0.974)	24939	20.4992	20
* 32	Chlorobenzene-d5	117	7.886	7.892	(1.000)	259692	50.0000	
39	Chlorobenzene	112	7.904	7.904	(1.002)	227888	22.7612	23
40	Ethylbenzene	106	7.957	7.957	(1.009)	127503	22.6279	23
97	1,1,1,2-Tetrachloroethane	131	7.981	7.981	(1.012)	80450	21.7378	22
43	m+p-Xylene	106	8.098	8.098	(1.027)	319768	46.4760	46
44	o-Xylene	106	8.469	8.469	(1.074)	148706	22.9617	23
42	Styrene	104	8.516	8.516	(1.080)	220142	23.2036	23
31	Bromoform	173	8.516	8.516	(1.080)	41277	21.2801	21
147	Butyl Acrylate	55	8.680	8.680	(0.885)	84429	20.2138	20
110	Isopropylbenzene	105	8.739	8.739	(1.108)	437738	23.7630	24
$ 41	Bromofluorobenzene (SUR)	174	8.951	8.957	(0.912)	160144	53.0321	53
107	Bromobenzene	156	9.022	9.022	(0.920)	98724	21.9242	22
112	n-Propylbenzene	91	9.075	9.080	(0.925)	499247	22.8780	23
36	1,1,2,2-Tetrachloroethane	83	9.145	9.151	(0.932)	58980	20.8067	21
105	2-Chlorotoluene	91	9.180	9.180	(0.936)	319528	22.0808	22
99	1,2,3-Trichloropropane	110	9.233	9.233	(0.941)	18409	21.4898	21
143	trans-1,4-Dichloro-2-butene	53	9.280	9.280	(2.044)	12074	21.0847	21
106	4-Chlorotoluene	91	9.310	9.310	(0.949)	262678	21.9088	22
148	Butyl methacrylate	69	9.504	9.504	(0.969)	85090	21.4608	21
102	1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	352250	22.6900	23
100	1,2,4-Trimethylbenzene	105	9.533	9.533	(0.972)	357796	23.3981	23
114	sec-Butylbenzene	105	9.610	9.616	(0.980)	484917	23.2706	23
115	tert-Butylbenzene	119	9.475	9.480	(0.966)	295349	19.0365	19
113	p-Isopropyltoluene	119	9.727	9.727	(0.992)	414799	23.4900	23
* 91	1,4-Dichlorobenzene-d4	152	9.810	9.816	(1.000)	146013	50.0000	
68	1,4-Dichlorobenzene	146	9.822	9.822	(1.001)	195398	21.9128	22
151	2-Octanone	43	9.939	9.939	(1.013)	55161	22.3096	22
117	Benzyl chloride	126	10.016	10.016	(1.021)	26044	21.6285	22
111	n-Butylbenzene	92	10.039	10.039	(1.023)	215671	22.5376	22
67	1,3-Dichlorobenzene	146	9.751	9.757	(0.994)	201715	22.1496	22
69	1,2-Dichlorobenzene	146	10.127	10.127	(1.032)	176761	21.4812	21
101	1,2-Dibromo-3-chloropropane	75	10.704	10.704	(1.091)	10291	21.6865	22
94	Hexachlorobutadiene	225	11.169	11.169	(1.139)	99515	21.7030	22
93	1,2,4-Trichlorobenzene	180	11.180	11.180	(1.140)	145126	22.1528	22
70	Naphthalene	128	11.404	11.404	(1.162)	227992	22.4264	22
98	1,2,3-Trichlorobenzene	180	11.545	11.545	(1.177)	128407	22.3444	22
152	Camphor	95	11.380	11.380	(1.160)	21340	93.0256	93
M 45	Xylene (Total)	100				468474	69.4488	69

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30832.d
Report Date: 23-Mar-2013 07:31

QC Flag Legend

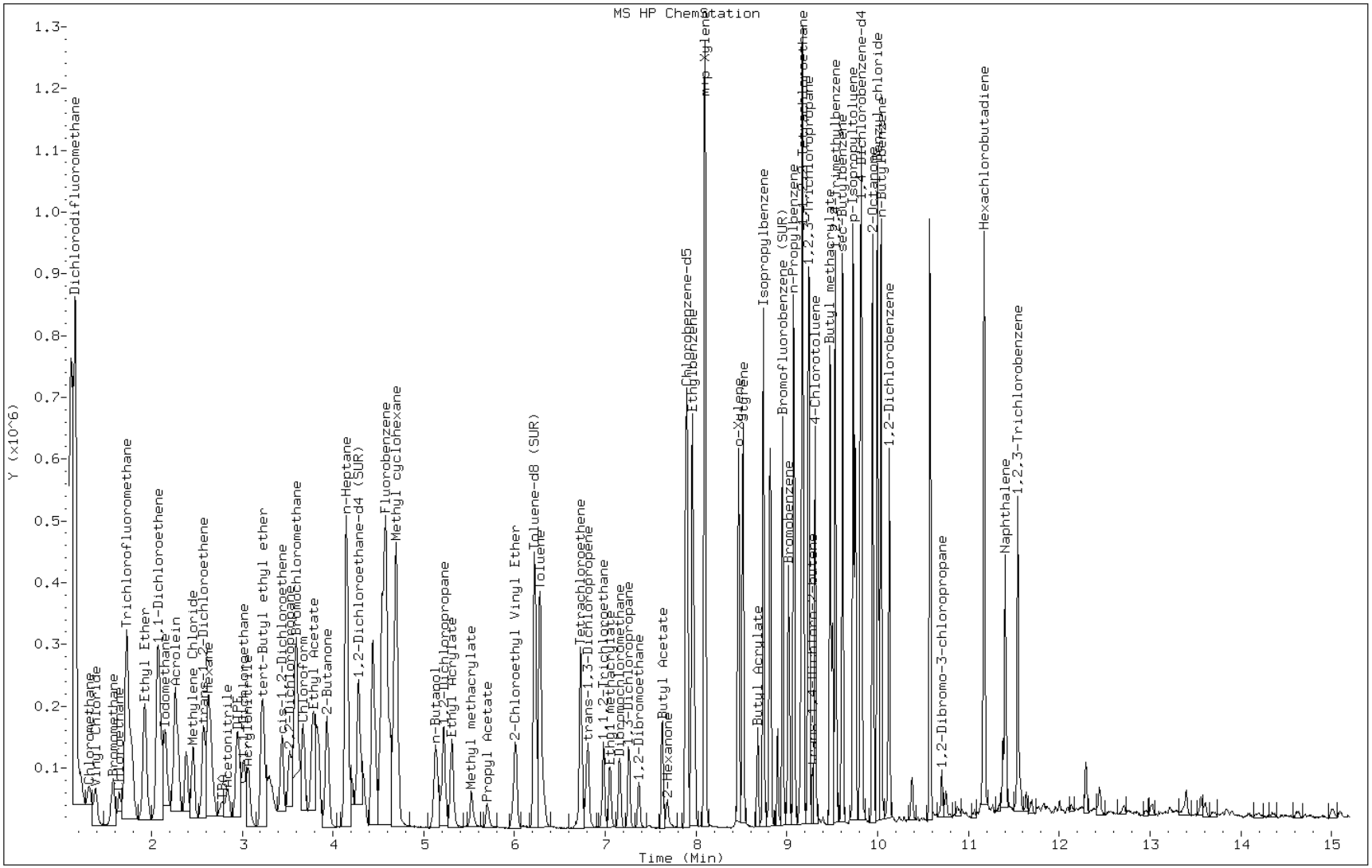
R - Spike/Surrogate failed recovery limits.

Data File: d30832.d

Date: 23-MAR-2013 07:13

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-152550/3

Matrix: Solid | Lab File ID: b53765.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/25/2013 04:12

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.: 152550 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1810		100	8.8
75-34-3	1,1-Dichloroethane	1820		100	13
107-06-2	1,2-Dichloroethane	1790		100	19
71-55-6	1,1,1-Trichloroethane	1960		100	6.2
78-93-3	2-Butanone	1860		500	230
67-64-1	Acetone	1550		500	270
71-43-2	Benzene	1670		100	8.3
591-78-6	2-Hexanone	1600		500	50
75-25-2	Bromoform	1800		100	19
74-83-9	Bromomethane	1930		100	18
75-15-0	Carbon disulfide	1770		100	13
56-23-5	Carbon tetrachloride	2020		100	5.7
123-91-1	1,4-Dioxane	11100		5000	3600
108-90-7	Chlorobenzene	1930		100	11
75-00-3	Chloroethane	1740		100	17
67-66-3	Chloroform	1890		100	7.9
74-87-3	Chloromethane	1560		100	9.7
108-10-1	4-Methyl-2-pentanone	1620		500	99
156-59-2	cis-1,2-Dichloroethene	1950		100	18
10061-01-5	cis-1,3-Dichloropropene	1740		100	18
95-50-1	1,2-Dichlorobenzene	1950		100	21
110-82-7	Cyclohexane	1950		100	16
541-73-1	1,3-Dichlorobenzene	1930		100	14
106-46-7	1,4-Dichlorobenzene	1930		100	23
120-82-1	1,2,4-Trichlorobenzene	2130		100	34
100-41-4	Ethylbenzene	1950		100	9.6
87-61-6	1,2,3-Trichlorobenzene	2220		100	51
76-13-1	Freon TF	2090		100	8.2
78-87-5	1,2-Dichloropropane	1820		100	8.6
98-82-8	Isopropylbenzene	2050		100	7.7
79-20-9	Methyl acetate	1730		200	34
108-87-2	Methylcyclohexane	2010		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	2000		100	40
75-09-2	Methylene Chloride	1580		100	18
79-34-5	1,1,2,2-Tetrachloroethane	1750		100	16
1634-04-4	MTBE	1890		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152550/3

Matrix: Solid Lab File ID: b53765.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/25/2013 04:12

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.: 152550 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1750		100	19
124-48-1	Dibromochloromethane	1840		100	20
100-42-5	Styrene	2040		100	12
106-93-4	1,2-Dibromoethane	1890		100	28
127-18-4	Tetrachloroethene	2030		100	9.7
75-71-8	Dichlorodifluoromethane	1580		100	22
108-88-3	Toluene	1770		100	15
74-97-5	Bromochloromethane	1980		100	27
156-60-5	trans-1,2-Dichloroethene	1790		100	13
75-27-4	Bromodichloromethane	1870		100	13
10061-02-6	trans-1,3-Dichloropropene	1740		100	24
79-01-6	Trichloroethene	1930		100	9.2
75-69-4	Trichlorofluoromethane	1770		100	15
75-01-4	Vinyl chloride	1690		100	14
1330-20-7	Xylenes, Total	5920		300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-135
2037-26-5	Toluene-d8 (Surr)	89		59-150
460-00-4	Bromofluorobenzene	99		72-133

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53765.d
Report Date: 25-Mar-2013 04:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53765.d
Lab Smp Id: LCS
Inj Date : 25-MAR-2013 04:12
Operator : Inst ID: VOAMS2.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/8260_09.m
Meth Date : 25-Mar-2013 04:12 audberto Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.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)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.151	1.159	(0.220)	49881	15.7687	1600
3 Chloromethane	50	1.307	1.307	(0.249)	62432	15.5511	1600
4 Vinyl Chloride	62	1.381	1.390	(0.264)	59858	16.8994	1700
6 Bromomethane	94	1.645	1.653	(0.314)	25143	19.2679	1900
5 Chloroethane	64	1.694	1.702	(0.323)	27942	17.3924	1700
183 Dichlorofluoromethane	67	1.875	1.875	(0.358)	91719	17.2566	1700
7 Trichlorofluoromethane	101	1.875	1.867	(0.358)	44659	17.6830	1800
8 n-Pentane	72	1.916	1.925	(0.366)	9256	36.8938	3700
9 Ethanol	46	2.122	2.163	(0.405)	78361	3250.60	320000
11 Ethyl Ether	59	2.122	2.130	(0.405)	48551	18.0627	1800
13 Acrolein	56	2.303	2.303	(0.439)	16792	19.3627	1900
14 Freon TF	101	2.287	2.287	(0.436)	31448	20.8559	2100
15 1,1-Dichloroethene	96	2.311	2.311	(0.441)	26782	18.1397	1800
16 Acetone	43	2.418	2.410	(0.461)	74838	15.4630	1500

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53765.d
Report Date: 25-Mar-2013 04:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	17 Iodomethane	142	2.459	2.451	(0.469)	103322	16.0178	1600
	18 Carbon Disulfide	76	2.476	2.476	(0.472)	146591	17.6580	1800
	170 Cyclopentene	67	2.657	2.657	(0.507)	113133	18.3898	1800
	27 Methyl Acetate	43	2.673	2.665	(0.510)	106487	17.2678	1700
	21 Acetonitrile	41	2.756	2.715	(0.526)	333028	340.420	34000
	22 Methylene Chloride	84	2.789	2.789	(0.532)	57868	15.7519	1600
	24 TBA	59	2.896	2.896	(0.552)	255171	368.515	37000
	28 MTBE	73	2.970	2.978	(0.567)	206568	18.8574	1900
	25 trans-1,2-Dichloroethene	96	2.978	2.978	(0.568)	49438	17.8577	1800
	26 Acrylonitrile	53	3.068	3.060	(0.585)	45583	18.7375	1900
	29 Hexane	43	3.151	3.151	(0.601)	56928	17.2837	1700
	32 DIPE	45	3.406	3.414	(0.650)	235037	17.4667	1700
	30 1,1-Dichloroethane	63	3.414	3.414	(0.651)	110440	18.1838	1800
	31 Vinyl Acetate	43	3.455	3.455	(0.659)	515025	36.2530	3600
	34 n-Propanol	42	3.554	3.554	(0.678)	117367	2854.22	280000
	35 t-Butyl-ethyl-ether	59	3.768	3.768	(0.719)	208211	17.9671	1800
	37 2,2-Dichloropropane	77	3.965	3.966	(0.757)	72271	19.7382	2000
	36 cis-1,2-Dichloroethene	96	3.998	3.998	(0.763)	75938	19.4952	1900
	38 2-Butanone	72	4.039	4.040	(0.771)	14251	18.6203	1900
	39 Ethyl Acetate	70	4.064	4.064	(0.775)	22218	36.7335	3700
	40 Bromochloromethane	128	4.253	4.254	(0.812)	41128	19.7846	2000
	41 Tetrahydrofuran	42	4.253	4.254	(0.812)	39169	17.4463	1700
	42 Chloroform	83	4.336	4.336	(0.827)	124961	18.9449	1900
	44 Cyclohexane	56	4.443	4.451	(0.848)	81164	19.4502	1900
	43 1,1,1-Trichloroethane	97	4.476	4.476	(0.854)	80940	19.5778	2000
	45 Carbon Tetrachloride	117	4.607	4.607	(0.879)	69768	20.1995	2000
	46 1,1-Dichloropropene	75	4.657	4.657	(0.888)	94015	19.3463	1900
	48 Benzene	78	4.879	4.879	(0.555)	285779	16.6997	1700
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.912	4.912	(0.937)	163256	45.4436	4500
	50 t-Amyl-methyl-ether	73	5.002	4.994	(0.954)	188784	19.0516	1900
	49 1,2-Dichloroethane	62	5.002	5.002	(0.954)	113943	17.8786	1800
	61 Isopropyl Acetate	43	5.019	5.019	(0.958)	480378	34.9155	3500
	51 n-Heptane	57	5.109	5.109	(0.975)	44497	15.9064	1600
*	52 Fluorobenzene	96	5.241	5.241	(1.000)	606030	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.521	5.513	(1.053)	154845	35.8474	3600
	54 Trichloroethene	95	5.669	5.669	(1.082)	77297	19.3186	1900
	53 n-Butanol	56	5.694	5.694	(1.086)	263271	1397.45	140000
	56 Methyl cyclohexane	83	5.801	5.801	(1.107)	87850	20.1190	2000
	55 Ethyl Acrylate	55	5.875	5.875	(1.121)	135659	18.4471	1800
	57 1,2-Dichloropropane	63	6.015	6.015	(1.148)	79856	18.1949	1800
	58 Dibromomethane	93	6.171	6.171	(1.177)	58067	18.9877	1900
	59 Methyl Methacrylate	100	6.171	6.171	(1.177)	25343	21.2597	2100
	60 1,4-Dioxane	88	6.171	6.171	(1.177)	7034	111.363	11000
	75 Propyl Acetate	43	6.253	6.253	(1.193)	157965	17.6736	1800
	68 Bromodichloromethane	83	6.377	6.377	(1.217)	95210	18.6889	1900
	62 2-Chloroethyl Vinyl Ether	63	6.829	6.829	(1.303)	54836	16.4772	1600
	63 Epichlorohydrin	57	6.928	6.928	(0.788)	250513	332.024	33000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53765.d
Report Date: 25-Mar-2013 04:36

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	67 cis-1,3-Dichloropropene	75	6.986	6.986	(0.795)	126247	17.3700	1700
	70 4-Methyl-2-Pentanone	43	7.183	7.183	(0.817)	117040	16.2309	1600
$	65 Toluene-d8 (SUR)	98	7.233	7.233	(0.823)	433100	44.4978	4400
	66 Toluene	91	7.315	7.315	(0.832)	310625	17.7482	1800
	64 trans-1,3-Dichloropropene	75	7.685	7.677	(0.874)	114037	17.4488	1700
	69 1,1,2-Trichloroethane	83	7.866	7.866	(0.895)	69815	17.4901	1700
	71 Tetrachloroethene	166	7.891	7.891	(0.898)	77772	20.3237	2000
	72 1,3-Dichloropropane	76	8.047	8.047	(0.916)	136498	17.6147	1800
	73 2-Hexanone	43	8.130	8.130	(0.925)	81489	16.0390	1600
	76 Butyl Acetate	73	8.237	8.237	(0.937)	53481	36.7006	3700
	74 Dibromochloromethane	129	8.237	8.237	(0.937)	74681	18.4088	1800
	77 1,2-Dibromoethane	107	8.352	8.352	(0.950)	88716	18.8995	1900
*	78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	479807	50.0000	
	79 Chlorobenzene	112	8.821	8.821	(1.004)	212868	19.2571	1900
	81 Ethylbenzene	106	8.903	8.903	(1.013)	106966	19.5448	2000
	80 1,1,1,2-Tetrachloroethane	131	8.911	8.912	(1.014)	69753	19.5847	2000
	82 m+p-Xylene	106	9.018	9.019	(1.026)	265818	39.0605	3900
	83 Butyl Acrylate	73	9.381	9.381	(1.067)	66147	14.3830	1400
	84 o-Xylene	106	9.389	9.381	(1.068)	132881	20.1593	2000
	85 Styrene	104	9.413	9.414	(1.071)	227787	20.3814	2000
	87 Amyl Acetate	43	9.586	9.586	(0.885)	169945	16.3827	1600
	86 Bromoform	173	9.594	9.595	(1.092)	50712	17.9538	1800
	88 Isopropylbenzene	105	9.701	9.702	(1.104)	334799	20.5374	2000
$	89 Bromofluorobenzene (SUR)	174	9.883	9.883	(0.912)	178607	49.3764	4900
	91 Bromobenzene	156	9.998	9.998	(0.923)	90033	19.1006	1900
	92 1,1,2,2-Tetrachloroethane	83	10.039	10.039	(0.926)	124798	17.4852	1700
	95 n-Propylbenzene	91	10.064	10.064	(0.929)	412524	18.3452	1800
	93 1,2,3-Trichloropropane	110	10.080	10.080	(0.930)	36331	17.9264	1800
	94 trans-1,4-Dichloro-2-butene	53	10.097	10.097	(0.932)	30513	18.2172	1800
	96 2-Chlorotoluene	91	10.154	10.154	(0.937)	273636	17.2652	1700
	185 4-Ethyltoluene	105	10.162	10.162	(0.938)	321386	17.8195	1800
	97 1,3,5-Trimethylbenzene	105	10.220	10.220	(0.943)	277047	18.8145	1900
	98 4-Chlorotoluene	91	10.253	10.253	(0.946)	252057	17.7862	1800
	99 Butyl Methacrylate	87	10.302	10.302	(0.951)	100663	15.8550	1600
	100 tert-Butylbenzene	119	10.475	10.475	(0.967)	237047	19.7460	2000
	101 1,2,4-Trimethylbenzene	105	10.524	10.525	(0.971)	282402	18.8979	1900
	103 sec-Butylbenzene	105	10.656	10.656	(0.983)	360940	17.0633	1700
	107 p-Isopropyltoluene	119	10.771	10.771	(0.994)	297937	16.6293	1700
	105 1,3-Dichlorobenzene	146	10.780	10.780	(0.995)	164726	19.2950	1900
*	108 1,4-Dichlorobenzene-d4	152	10.837	10.837	(1.000)	247115	50.0000	
	109 1,4-Dichlorobenzene	146	10.854	10.854	(1.002)	167789	19.2891	1900
	110 Benzyl Chloride	91	10.977	10.977	(1.013)	197750	15.3584	1500
	171 Indan	117	11.035	11.035	(2.105)	282985	23.5261	2400
	106 n-Butylbenzene	91	11.101	11.101	(1.024)	344278	18.2983	1800
	111 1,2-Dichlorobenzene	146	11.158	11.158	(1.030)	161147	19.4708	1900
	112 1,2-Dibromo-3-chloropropane	75	11.784	11.784	(1.087)	22908	19.9666	2000
	113 Camphor	95	12.319	12.319	(1.137)	82267	85.9780	8600

Data File: /chem/VOAMS2.i/8260_09/03-16-13/25mar13.b/b53765.d
Report Date: 25-Mar-2013 04:36

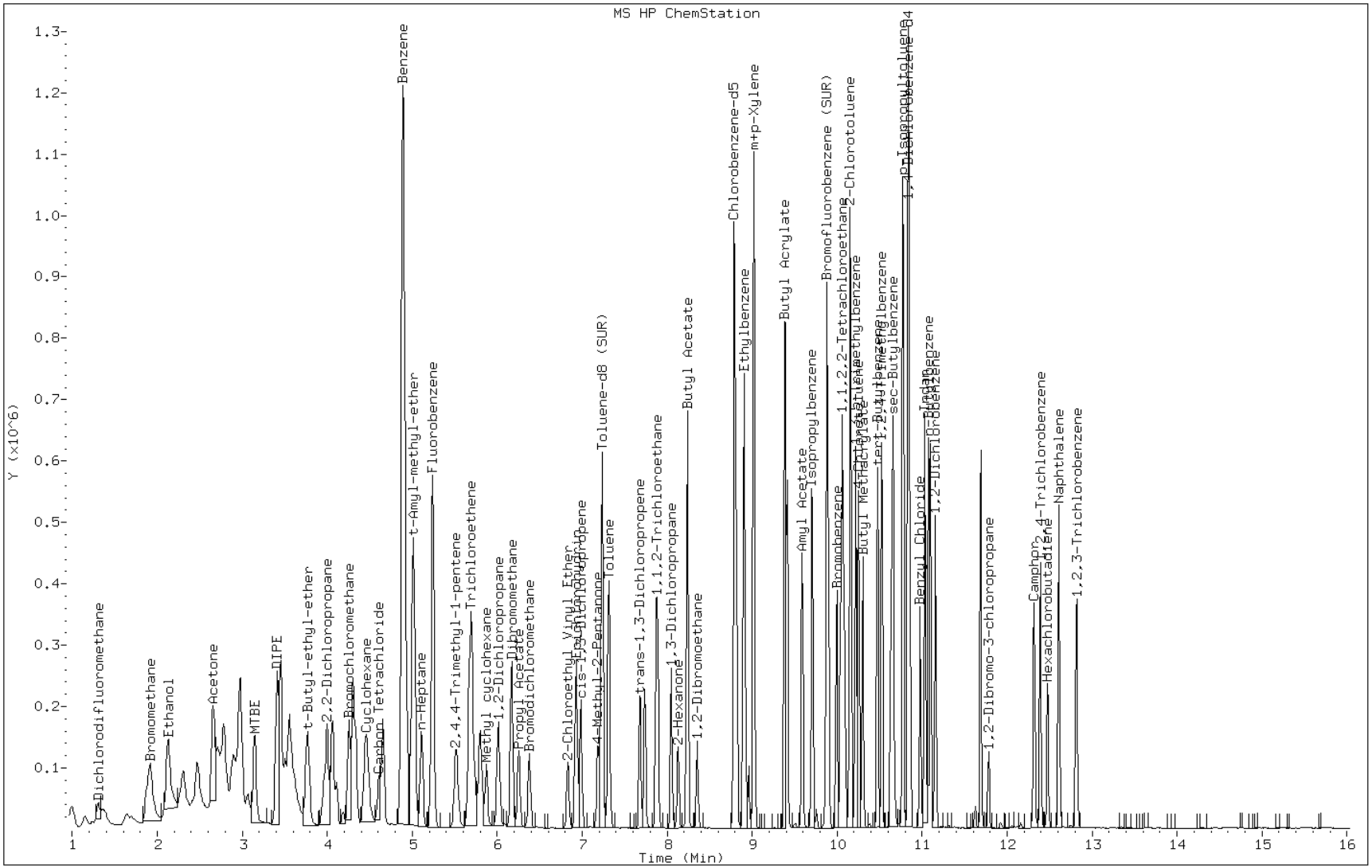
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
114	1,2,4-Trichlorobenzene	180	12.393	12.393	(1.144)	109898	21.3155	2100
115	Hexachlorobutadiene	225	12.475	12.475	(1.151)	37843	17.8409	1800
116	Naphthalene	128	12.607	12.607	(1.163)	360047	22.2146	2200
117	1,2,3-Trichlorobenzene	180	12.821	12.821	(1.183)	108292	22.2161	2200
M 120	1,2-Dichloroethene (Total)	100				125377	37.3529	3700
M 121	Xylene (Total)	100				398700	59.2198	5900

Data File: b53765.d

Date: 25-MAR-2013 04:12

Client ID: Instrument: VOAMS2.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152683/3

Matrix: Solid Lab File ID: o71639.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2013 16:37

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.: 152683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	18.3		1.0	0.19
75-34-3	1,1-Dichloroethane	18.0		1.0	0.11
107-06-2	1,2-Dichloroethane	18.9		1.0	0.18
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.13
78-93-3	2-Butanone	20.5		10	0.63
67-64-1	Acetone	17.5		10	1.7
71-43-2	Benzene	18.4		1.0	0.15
591-78-6	2-Hexanone	20.4		10	0.13
75-25-2	Bromoform	14.6		1.0	0.17
74-83-9	Bromomethane	18.4		1.0	0.43
75-15-0	Carbon disulfide	18.8		1.0	0.15
56-23-5	Carbon tetrachloride	16.7		1.0	0.15
123-91-1	1,4-Dioxane	140		50	13
108-90-7	Chlorobenzene	17.8		1.0	0.18
75-00-3	Chloroethane	17.5		1.0	0.33
67-66-3	Chloroform	18.7		1.0	0.24
74-87-3	Chloromethane	18.2		1.0	0.16
108-10-1	4-Methyl-2-pentanone	21.0		10	0.20
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.5		1.0	0.10
110-82-7	Cyclohexane	20.7		1.0	0.13
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.16
106-46-7	1,4-Dichlorobenzene	17.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.19
100-41-4	Ethylbenzene	18.1		1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	18.2		1.0	0.16
76-13-1	Freon TF	19.7		1.0	0.11
78-87-5	1,2-Dichloropropane	18.0		1.0	0.15
98-82-8	Isopropylbenzene	18.2		1.0	0.11
79-20-9	Methyl acetate	25.5		1.0	0.32
108-87-2	Methylcyclohexane	20.5		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		1.0	0.44
75-09-2	Methylene Chloride	18.5		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.090
1634-04-4	MTBE	20.4		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-152683/3

Matrix: Solid | Lab File ID: o71639.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/25/2013 16:37

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.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.2		1.0	0.14
124-48-1	Dibromochloromethane	16.1		1.0	0.10
100-42-5	Styrene	18.1		1.0	0.28
106-93-4	1,2-Dibromoethane	17.6		1.0	0.15
127-18-4	Tetrachloroethene	18.0		1.0	0.12
75-71-8	Dichlorodifluoromethane	18.2		1.0	0.22
108-88-3	Toluene	18.0		1.0	0.14
74-97-5	Bromochloromethane	18.0		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.9		1.0	0.13
75-27-4	Bromodichloromethane	15.9		1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	15.3		1.0	0.10
79-01-6	Trichloroethene	17.8		1.0	0.12
75-69-4	Trichlorofluoromethane	18.3		1.0	0.16
75-01-4	Vinyl chloride	18.6		1.0	0.34
1330-20-7	Xylenes, Total	53.7		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	94		70-130

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71639.d
Report Date: 25-Mar-2013 17:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71639.d
Lab Smp Id: LCS
Inj Date : 25-MAR-2013 16:37
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/8260L_10.m
Meth Date : 25-Mar-2013 16:37 audberto Quant Type: ISTD
Cal Date : 09-MAR-2013 08:54 Cal File: o70919.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 * ((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	0.909	0.887	(0.247)	81521	18.1999	18
1 Chloromethane	50	0.973	0.966	(0.264)	111216	18.2379	18
4 Vinyl Chloride	62	1.023	1.016	(0.278)	96835	18.5589	18
3 Bromomethane	94	1.152	1.145	(0.313)	59809	18.4320	18
5 Chloroethane	64	1.202	1.195	(0.327)	53367	17.5238	18
9 Trichlorofluoromethane	101	1.317	1.317	(0.358)	141127	18.3308	18
121 n-Pentane	72	1.353	1.353	(0.368)	39000	37.5088	38
127 Ethanol	46	1.475	1.482	(0.401)	41654	1942.12	1900(R)
46 Ethyl Ether	59	1.482	1.482	(0.403)	66317	20.9544	21
119 Isoprene	67	1.482	1.475	(0.403)	128888	20.0738	20
157 Dichlorofluoromethane	67	1.303	1.303	(0.354)	166982	20.0672	20
47 Acrolein	56	1.560	1.553	(0.424)	108268	204.487	200
10 1,1-Dichloroethene	96	1.589	1.589	(0.432)	61988	18.2569	18
48 Freon TF	101	1.596	1.589	(0.434)	92943	19.7286	20

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71639.d
Report Date: 25-Mar-2013 17:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7	Acetone	43	1.661	1.646	(0.451)	23601	17.4814	17
142	Iodomethane	142	1.682	1.675	(0.457)	92011	17.9449	18
8	Carbon Disulfide	76	1.711	1.704	(0.465)	236903	18.7965	19
50	Acetonitrile	41	1.804	1.797	(0.490)	220590	413.120	410
125	Methyl acetate	74	1.833	1.826	(0.498)	14928	25.4880	25
6	Methylene Chloride	84	1.876	1.876	(0.510)	78940	18.5394	18
51	TBA	59	1.990	1.990	(0.541)	187147	431.122	430
52	Acrylonitrile	53	2.040	2.040	(0.554)	174950	128.895	130
12	trans-1,2-Dichloroethene	96	2.033	2.033	(0.552)	75243	17.9406	18
53	MTBE	73	2.048	2.048	(0.556)	226627	20.3572	20
54	Hexane	56	2.205	2.205	(0.599)	79036	20.0883	20
11	1,1-Dichloroethane	63	2.313	2.305	(0.628)	137434	17.9786	18
57	Vinyl Acetate	43	2.363	2.356	(0.642)	439275	38.7264	39
55	DIPE	45	2.370	2.370	(0.644)	311904	20.7584	21
149	tert-Butyl ethyl ether	59	2.628	2.621	(0.714)	259463	19.3109	19
104	2,2-Dichloropropane	77	2.714	2.714	(0.737)	121114	18.1193	18
13	cis-1,2-Dichloroethene	96	2.721	2.721	(0.739)	84139	18.4769	18
18	2-Butanone	72	2.764	2.757	(0.751)	8608	20.5095	20
56	Ethyl Acetate	70	2.807	2.807	(0.763)	14204	39.0046	39
108	Bromochloromethane	128	2.907	2.907	(0.790)	35343	18.0263	18
160	Tetrahydrofuran	42	2.950	2.950	(0.801)	24435	20.7884	21
15	Chloroform	83	2.979	2.972	(0.809)	128451	18.6763	19
20	1,1,1-Trichloroethane	97	3.108	3.101	(0.844)	113924	17.7101	18
59	Cyclohexane	56	3.136	3.136	(0.852)	170413	20.6680	21
21	Carbon Tetrachloride	117	3.237	3.237	(0.879)	95448	16.6925	17
92	1,1-Dichloropropene	75	3.244	3.237	(0.881)	97288	18.1555	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.387	3.380	(0.920)	119551	48.9492	49
28	Benzene	78	3.423	3.416	(0.930)	306828	18.4259	18
17	1,2-Dichloroethane	62	3.452	3.452	(0.938)	87980	18.8740	19
61	Isopropyl Acetate	43	3.545	3.538	(0.963)	391131	44.4298	44
140	tert-Amylmethyl Ether	73	3.545	3.545	(0.963)	222344	20.0603	20
* 69	Fluorobenzene	96	3.681	3.674	(1.000)	710354	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	3.982	3.982	(1.082)	73329	40.9841	41
25	Trichloroethene	95	4.025	4.025	(1.093)	78026	17.8181	18
63	n-Butanol	43	4.075	4.075	(1.107)	99722	1604.63	1600
96	Ethyl Acrylate	85	4.189	4.189	(1.138)	4110	19.0147	19
126	Methyl cyclohexane	83	4.197	4.197	(1.140)	175456	20.4839	20
23	1,2-Dichloropropane	63	4.254	4.254	(1.156)	72071	17.9811	18
109	Dibromomethane	93	4.376	4.368	(1.189)	38241	18.4537	18
95	1,4-Dioxane	88	4.469	4.454	(1.214)	6852	139.551	140
146	Methyl methacrylate	69	4.433	4.426	(1.204)	50526	19.8454	20
64	Propyl Acetate	43	4.512	4.512	(1.226)	109126	20.4218	20
22	Bromodichloromethane	83	4.562	4.555	(1.239)	86704	15.8515	16
30	2-Chloroethyl Vinyl Ether	63	4.934	4.934	(1.341)	39965	20.0263	20
118	Epichlorohydrin	57	4.992	4.984	(1.356)	132172	401.636	400
24	cis-1,3-Dichloropropene	75	5.063	5.063	(1.376)	112256	18.5633	18
33	4-Methyl-2-Pentanone	43	5.285	5.285	(1.436)	72662	20.9523	21

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71639.d
Report Date: 25-Mar-2013 17:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.357	5.357	(0.740)	454407	46.4007	46
	38 Toluene	91	5.436	5.436	(0.751)	343700	17.9971	18
	29 trans-1,3-Dichloropropene	75	5.758	5.758	(0.795)	92839	15.2657	15
	27 1,1,2-Trichloroethane	83	5.973	5.973	(0.825)	48360	18.1904	18
	35 Tetrachloroethene	166	6.102	6.102	(0.843)	98347	18.0350	18
	103 1,3-Dichloropropane	76	6.181	6.181	(0.854)	101294	17.8183	18
	34 2-Hexanone	43	6.360	6.360	(0.878)	53032	20.4184	20
	26 Dibromochloromethane	129	6.467	6.467	(0.893)	63559	16.0867	16
	65 Butyl Acetate	43	6.575	6.575	(0.908)	239130	39.8343	40
	66 1,2-Dibromoethane	107	6.575	6.575	(0.908)	58547	17.5617	18
*	32 Chlorobenzene-d5	117	7.241	7.234	(1.000)	525240	50.0000	
	39 Chlorobenzene	112	7.277	7.277	(1.005)	216895	17.7587	18
	97 1,1,1,2-Tetrachloroethane	131	7.427	7.427	(1.026)	69943	17.3451	17
	40 Ethylbenzene	106	7.477	7.477	(1.033)	123729	18.1216	18
	43 m+p-Xylene	106	7.656	7.656	(1.057)	299741	35.9535	36
	44 o-Xylene	106	8.236	8.229	(1.137)	144943	17.7550	18
	42 Styrene	104	8.272	8.272	(1.142)	245542	18.1467	18
	147 Butyl Acrylate	55	8.344	8.344	(0.765)	146811	20.6985	21
	31 Bromoform	173	8.509	8.509	(1.175)	40476	14.6188	15
	145 Amyl Acetate	43	8.731	8.731	(1.206)	124828	19.7700	20
	110 Isopropylbenzene	105	8.831	8.831	(1.220)	406994	18.1866	18
$	41 Bromofluorobenzene (SUR)	174	9.039	9.039	(0.829)	216757	46.9482	47
	150 Camphene	41	9.160	9.161	(0.840)	42526	20.3417	20
	107 Bromobenzene	156	9.218	9.218	(0.846)	101540	18.5583	18
	36 1,1,2,2-Tetrachloroethane	83	9.375	9.375	(0.860)	75494	18.0819	18
	99 1,2,3-Trichloropropane	110	9.383	9.383	(0.861)	23446	18.5719	18
	143 trans-1,4-Dichloro-2-butene	53	9.468	9.469	(2.572)	22688	20.2432	20
	112 n-Propylbenzene	91	9.490	9.490	(0.871)	485259	18.2337	18
	105 2-Chlorotoluene	91	9.562	9.562	(0.877)	272245	18.1118	18
	161 4-Ethyltoluene	105	9.691	9.691	(2.633)	457580	20.8576	21
	106 4-Chlorotoluene	91	9.748	9.748	(0.894)	279104	17.8631	18
	102 1,3,5-Trimethylbenzene	105	9.805	9.805	(0.899)	332267	18.2926	18
	148 Butyl methacrylate	69	10.106	10.106	(0.927)	126709	20.5769	20
	115 tert-Butylbenzene	119	10.314	10.314	(0.946)	305806	18.3284	18
	100 1,2,4-Trimethylbenzene	105	10.400	10.393	(0.954)	334404	18.0822	18
	114 sec-Butylbenzene	105	10.679	10.679	(0.980)	461106	18.5294	18
	67 1,3-Dichlorobenzene	146	10.779	10.772	(0.989)	199051	18.4772	18
*	91 1,4-Dichlorobenzene-d4	152	10.901	10.901	(1.000)	294301	50.0000	
	68 1,4-Dichlorobenzene	146	10.937	10.937	(1.003)	197197	17.9498	18
	113 p-Isopropyltoluene	119	10.958	10.958	(1.005)	385903	18.1267	18
	117 Benzyl chloride	91	11.202	11.202	(1.028)	149835	16.7438	17
	69 1,2-Dichlorobenzene	146	11.481	11.481	(1.053)	187093	18.5454	18
	162 1,4-Diethylbenzene	119	11.553	11.546	(3.139)	275018	21.2188	21
	111 n-Butylbenzene	91	11.574	11.574	(1.062)	450800	18.7614	19
	101 1,2-Dibromo-3-chloropropane	75	12.455	12.456	(1.143)	16411	17.6337	18
	163 1,2,4,5-Tetramethylbenzene	119	12.470	12.470	(3.388)	416152	21.2050	21
	152 Camphor	95	13.165	13.165	(1.208)	46287	104.954	100

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71639.d
Report Date: 25-Mar-2013 17:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	93 1,2,4-Trichlorobenzene	180	13.251	13.251	(1.216)	151645	18.2983	18
	94 Hexachlorobutadiene	225	13.430	13.430	(1.232)	97707	17.9654	18
	70 Naphthalene	128	13.451	13.451	(1.234)	283361	18.6405	19
	98 1,2,3-Trichlorobenzene	180	13.666	13.666	(1.254)	134341	18.2440	18
M	14 1,2-Dichloroethene (total)	100				159383	36.4396	36
M	45 Xylene (Total)	100				444684	53.7116	54

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: o71639.d

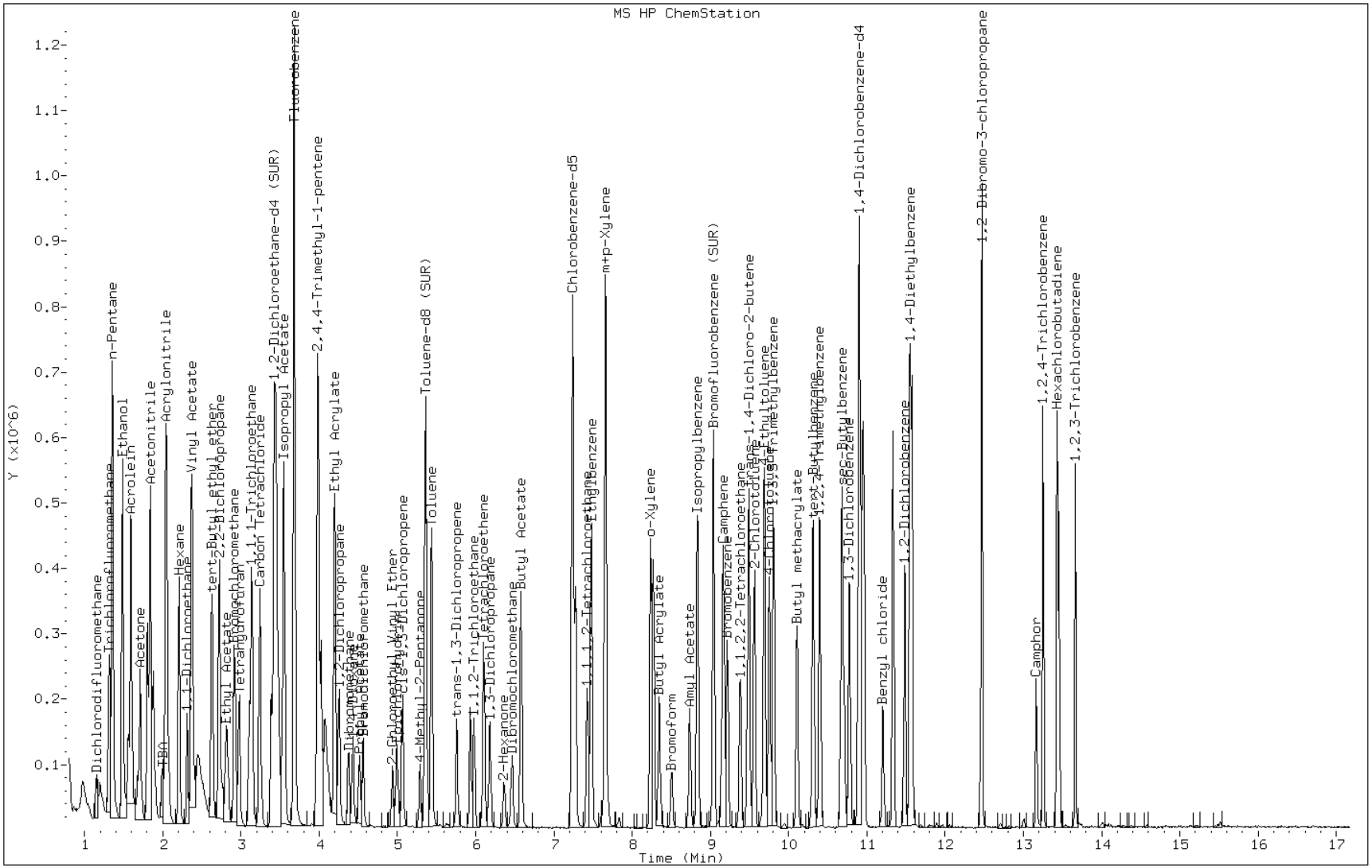
Date: 25-MAR-2013 16:37

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.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-151820/16

Matrix: Solid | Lab File ID: b53513.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/19/2013 18:01

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.: 151820 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	2210		100	8.8
75-34-3	1,1-Dichloroethane	1910		100	13
107-06-2	1,2-Dichloroethane	1810		100	19
71-55-6	1,1,1-Trichloroethane	1910		100	6.2
78-93-3	2-Butanone	1720		500	230
67-64-1	Acetone	1580		500	270
71-43-2	Benzene	1830		100	8.3
591-78-6	2-Hexanone	1610		500	50
75-25-2	Bromoform	1590		100	19
74-83-9	Bromomethane	1980		100	18
75-15-0	Carbon disulfide	1650		100	13
56-23-5	Carbon tetrachloride	1940		100	5.7
123-91-1	1,4-Dioxane	12200		5000	3600
108-90-7	Chlorobenzene	1900		100	11
75-00-3	Chloroethane	1910		100	17
67-66-3	Chloroform	1960		100	7.9
74-87-3	Chloromethane	1830		100	9.7
108-10-1	4-Methyl-2-pentanone	1830		500	99
156-59-2	cis-1,2-Dichloroethene	1900		100	18
10061-01-5	cis-1,3-Dichloropropene	1900		100	18
95-50-1	1,2-Dichlorobenzene	1900		100	21
110-82-7	Cyclohexane	2040		100	16
541-73-1	1,3-Dichlorobenzene	1910		100	14
106-46-7	1,4-Dichlorobenzene	1920		100	23
120-82-1	1,2,4-Trichlorobenzene	1960		100	34
100-41-4	Ethylbenzene	1970		100	9.6
87-61-6	1,2,3-Trichlorobenzene	1850		100	51
76-13-1	Freon TF	2370		100	8.2
78-87-5	1,2-Dichloropropane	1870		100	8.6
98-82-8	Isopropylbenzene	2090		100	7.7
79-20-9	Methyl acetate	1590		200	34
108-87-2	Methylcyclohexane	2050		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	2010		100	40
75-09-2	Methylene Chloride	1830		100	18
79-34-5	1,1,2,2-Tetrachloroethane	1780		100	16
1634-04-4	MTBE	1860		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-151820/16

Matrix: Solid Lab File ID: b53513.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/19/2013 18:01

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.: 151820 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1780		100	19
124-48-1	Dibromochloromethane	1810		100	20
100-42-5	Styrene	2010		100	12
106-93-4	1,2-Dibromoethane	1880		100	28
127-18-4	Tetrachloroethene	1960		100	9.7
75-71-8	Dichlorodifluoromethane	1860		100	22
108-88-3	Toluene	1850		100	15
74-97-5	Bromochloromethane	1880		100	27
156-60-5	trans-1,2-Dichloroethene	1840		100	13
75-27-4	Bromodichloromethane	1820		100	13
10061-02-6	trans-1,3-Dichloropropene	1920		100	24
79-01-6	Trichloroethene	1840		100	9.2
75-69-4	Trichlorofluoromethane	1830		100	15
75-01-4	Vinyl chloride	1920		100	14
1330-20-7	Xylenes, Total	5880		300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-135
2037-26-5	Toluene-d8 (Surr)	97		59-150
460-00-4	Bromofluorobenzene	101		72-133

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53513.d
Report Date: 19-Mar-2013 19:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53513.d
Lab Smp Id: LCSD
Inj Date : 19-MAR-2013 18:01
Operator : Inst ID: VOAMS2.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/8260_09.m
Meth Date : 19-Mar-2013 18:08 ken Quant Type: ISTD
Cal Date : 16-MAR-2013 22:38 Cal File: b53399.d
Als bottle: 5 QC Sample: BSD
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)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.143	1.143	(0.218)	60240	18.6215	1900
3 Chloromethane	50	1.291	1.291	(0.247)	75132	18.2999	1800
4 Vinyl Chloride	62	1.365	1.373	(0.261)	69520	19.1923	1900
6 Bromomethane	94	1.628	1.637	(0.311)	26359	19.7519	2000
5 Chloroethane	64	1.702	1.694	(0.325)	31346	19.0788	1900
183 Dichlorofluoromethane	67	1.867	1.867	(0.357)	95841	17.6325	1800
7 Trichlorofluoromethane	101	1.859	1.867	(0.355)	47149	18.2550	1800
8 n-Pentane	72	1.908	1.916	(0.365)	8203	31.9746	3200
9 Ethanol	46	2.114	2.114	(0.404)	75837	3076.19	310000
11 Ethyl Ether	59	2.106	2.106	(0.402)	51531	18.7463	1900
13 Acrolein	56	2.287	2.295	(0.437)	26737	30.1459	3000
14 Freon TF	101	2.287	2.287	(0.437)	36543	23.6980	2400
15 1,1-Dichloroethene	96	2.303	2.303	(0.440)	33294	22.0510	2200
16 Acetone	43	2.402	2.410	(0.459)	78038	15.7669	1600

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53513.d
Report Date: 19-Mar-2013 19:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	17 Iodomethane	142	2.451	2.443	(0.468)	114572	17.3684	1700
	18 Carbon Disulfide	76	2.468	2.468	(0.472)	139801	16.4670	1600
	170 Cyclopentene	67	2.649	2.641	(0.506)	119954	19.0665	1900
	27 Methyl Acetate	43	2.665	2.657	(0.509)	100131	15.8774	1600
	21 Acetonitrile	41	2.707	2.739	(0.517)	357398	357.237	36000
	22 Methylene Chloride	84	2.781	2.781	(0.531)	68706	18.2877	1800
	24 TBA	59	2.888	2.888	(0.552)	233001	329.042	33000
	28 MTBE	73	2.962	2.962	(0.566)	208630	18.6236	1900
	25 trans-1,2-Dichloroethene	96	2.970	2.970	(0.568)	52082	18.3956	1800
	26 Acrylonitrile	53	3.060	3.060	(0.585)	48796	19.6140	2000
	29 Hexane	43	3.143	3.134	(0.601)	64240	19.0713	1900
	32 DIPE	45	3.398	3.398	(0.649)	272476	19.8003	2000
	30 1,1-Dichloroethane	63	3.406	3.406	(0.651)	118504	19.0792	1900
	31 Vinyl Acetate	43	3.447	3.447	(0.659)	557493	38.3729	3800
	34 n-Propanol	42	3.546	3.546	(0.678)	111225	2644.94	260000
	35 t-Butyl-ethyl-ether	59	3.760	3.760	(0.718)	221806	18.7161	1900
	37 2,2-Dichloropropane	77	3.957	3.949	(0.756)	71221	19.0204	1900
	36 cis-1,2-Dichloroethene	96	3.990	3.990	(0.763)	75686	18.9998	1900
	38 2-Butanone	72	4.032	4.031	(0.770)	13459	17.1965	1700
	39 Ethyl Acetate	70	4.056	4.048	(0.775)	21251	34.3555	3400
	40 Bromochloromethane	128	4.245	4.245	(0.811)	40014	18.8222	1900
	41 Tetrahydrofuran	42	4.245	4.245	(0.811)	41110	17.9054	1800
	42 Chloroform	83	4.328	4.328	(0.827)	131926	19.5577	2000
	44 Cyclohexane	56	4.435	4.435	(0.847)	87161	20.4245	2000
	43 1,1,1-Trichloroethane	97	4.468	4.468	(0.854)	80557	19.0533	1900
	45 Carbon Tetrachloride	117	4.608	4.599	(0.880)	68501	19.3931	1900
	46 1,1-Dichloropropene	75	4.649	4.649	(0.888)	103438	20.8137	2100
	48 Benzene	78	4.871	4.871	(0.554)	284898	18.2754	1800
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.904	4.904	(0.937)	175545	47.7819	4800
	50 t-Amyl-methyl-ether	73	4.994	4.986	(0.954)	199444	19.6814	2000
	49 1,2-Dichloroethane	62	4.994	4.994	(0.954)	117779	18.0710	1800
	61 Isopropyl Acetate	43	5.011	5.011	(0.958)	512280	36.4092	3600
	51 n-Heptane	57	5.101	5.101	(0.975)	50795	17.7553	1800
*	52 Fluorobenzene	96	5.233	5.233	(1.000)	619761	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.513	5.505	(1.053)	182922	41.4093	4100
	54 Trichloroethene	95	5.661	5.661	(1.082)	75222	18.3835	1800
	53 n-Butanol	56	5.686	5.686	(1.086)	234756	1218.48	120000
	56 Methyl cyclohexane	83	5.793	5.793	(1.107)	91499	20.4903	2000
	55 Ethyl Acrylate	55	5.867	5.867	(1.121)	141820	18.8576	1900
	57 1,2-Dichloropropane	63	6.007	6.007	(1.148)	84121	18.7419	1900
	58 Dibromomethane	93	6.163	6.163	(1.178)	56963	18.2141	1800
	59 Methyl Methacrylate	100	6.163	6.163	(1.178)	22930	18.8088	1900
	60 1,4-Dioxane	88	6.163	6.163	(1.178)	7858	121.650	12000
	75 Propyl Acetate	43	6.245	6.245	(1.193)	162449	17.7727	1800
	68 Bromodichloromethane	83	6.369	6.369	(1.217)	94979	18.2304	1800
	62 2-Chloroethyl Vinyl Ether	63	6.821	6.821	(1.304)	24499	7.19842	720(R)
	63 Epichlorohydrin	57	6.920	6.920	(0.787)	246208	358.214	36000

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53513.d
Report Date: 19-Mar-2013 19:48

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	67 cis-1,3-Dichloropropene	75	6.978	6.978	(0.794)	125625	18.9739	1900
	70 4-Methyl-2-Pentanone	43	7.183	7.183	(0.817)	120078	18.2798	1800
$	65 Toluene-d8 (SUR)	98	7.233	7.225	(0.823)	432243	48.7504	4900
	66 Toluene	91	7.307	7.307	(0.831)	294932	18.4987	1800
	64 trans-1,3-Dichloropropene	75	7.677	7.677	(0.874)	114468	19.2266	1900
	69 1,1,2-Trichloroethane	83	7.867	7.867	(0.895)	64556	17.7534	1800
	71 Tetrachloroethene	166	7.883	7.883	(0.897)	68294	19.5911	2000
	72 1,3-Dichloropropane	76	8.048	8.039	(0.916)	129583	18.3569	1800
	73 2-Hexanone	43	8.122	8.122	(0.924)	74733	16.1470	1600
	76 Butyl Acetate	73	8.237	8.229	(0.937)	49788	37.5060	3800
	74 Dibromochloromethane	129	8.237	8.237	(0.937)	66989	18.1269	1800
	77 1,2-Dibromoethane	107	8.352	8.352	(0.950)	80189	18.7528	1900
*	78 Chlorobenzene-d5	117	8.788	8.788	(1.000)	437085	50.0000	
	79 Chlorobenzene	112	8.813	8.813	(1.003)	190843	18.9521	1900
	81 Ethylbenzene	106	8.895	8.895	(1.012)	98282	19.7133	2000
	80 1,1,1,2-Tetrachloroethane	131	8.912	8.912	(1.014)	62913	19.3907	1900
	82 m+p-Xylene	106	9.019	9.010	(1.026)	241219	38.9102	3900
	83 Butyl Acrylate	73	9.381	9.381	(1.067)	65483	15.6303	1600
	84 o-Xylene	106	9.381	9.381	(1.067)	119409	19.8861	2000
	85 Styrene	104	9.406	9.405	(1.070)	204685	20.1044	2000
	87 Amyl Acetate	43	9.578	9.578	(0.884)	188627	21.5077	2200
	86 Bromoform	173	9.595	9.586	(1.092)	40889	15.9010	1600
	88 Isopropylbenzene	105	9.702	9.702	(1.104)	310548	20.9118	2100
$	89 Bromofluorobenzene (SUR)	174	9.875	9.875	(0.912)	154379	50.4801	5000
	91 Bromobenzene	156	9.990	9.990	(0.922)	74858	18.7841	1900
	92 1,1,2,2-Tetrachloroethane	83	10.039	10.039	(0.927)	107334	17.7873	1800
	95 n-Propylbenzene	91	10.056	10.056	(0.929)	381613	20.0728	2000
	93 1,2,3-Trichloropropane	110	10.072	10.072	(0.930)	30950	18.0629	1800
	94 trans-1,4-Dichloro-2-butene	53	10.089	10.089	(0.932)	26958	19.0371	1900
	96 2-Chlorotoluene	91	10.146	10.146	(0.937)	257565	19.2219	1900
	185 4-Ethyltoluene	105	10.154	10.154	(0.938)	305599	20.0415	2000
	97 1,3,5-Trimethylbenzene	105	10.212	10.212	(0.943)	252033	20.2446	2000
	98 4-Chlorotoluene	91	10.253	10.245	(0.947)	231590	19.3293	1900
	99 Butyl Methacrylate	87	10.294	10.294	(0.951)	94826	17.6658	1800
	100 tert-Butylbenzene	119	10.475	10.467	(0.967)	210572	20.7470	2100
	101 1,2,4-Trimethylbenzene	105	10.525	10.525	(0.972)	253942	20.0998	2000
	103 sec-Butylbenzene	105	10.648	10.648	(0.983)	325291	18.1891	1800
	107 p-Isopropyltoluene	119	10.772	10.772	(0.995)	266833	17.6157	1800
	105 1,3-Dichlorobenzene	146	10.772	10.772	(0.995)	137826	19.0952	1900
*	108 1,4-Dichlorobenzene-d4	152	10.829	10.837	(1.000)	208924	50.0000	
	109 1,4-Dichlorobenzene	146	10.854	10.854	(1.002)	140999	19.1724	1900
	110 Benzyl Chloride	91	10.969	10.969	(1.013)	154811	14.2213	1400
	171 Indan	117	11.027	11.027	(2.107)	253337	20.5946	2000
	106 n-Butylbenzene	91	11.093	11.093	(1.024)	317503	19.9599	2000
	111 1,2-Dichlorobenzene	146	11.150	11.150	(1.030)	132751	18.9719	1900
	112 1,2-Dibromo-3-chloropropane	75	11.776	11.776	(1.087)	19468	20.0694	2000
	113 Camphor	95	12.311	12.311	(1.137)	63401	78.4160	7800

Data File: /chem/VOAMS2.i/8260_09/03-16-13/19mar13a.b/b53513.d
Report Date: 19-Mar-2013 19:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
114	1,2,4-Trichlorobenzene	180	12.385	12.385	(1.144)	85588	19.6349	2000
115	Hexachlorobutadiene	225	12.475	12.475	(1.152)	29969	16.7117	1700
116	Naphthalene	128	12.607	12.607	(1.164)	250707	18.2961	1800
117	1,2,3-Trichlorobenzene	180	12.813	12.813	(1.183)	76289	18.5117	1800
M 120	1,2-Dichloroethene (Total)	100				127768	37.3954	3700
M 121	Xylene (Total)	100				360628	58.7963	5900

QC Flag Legend

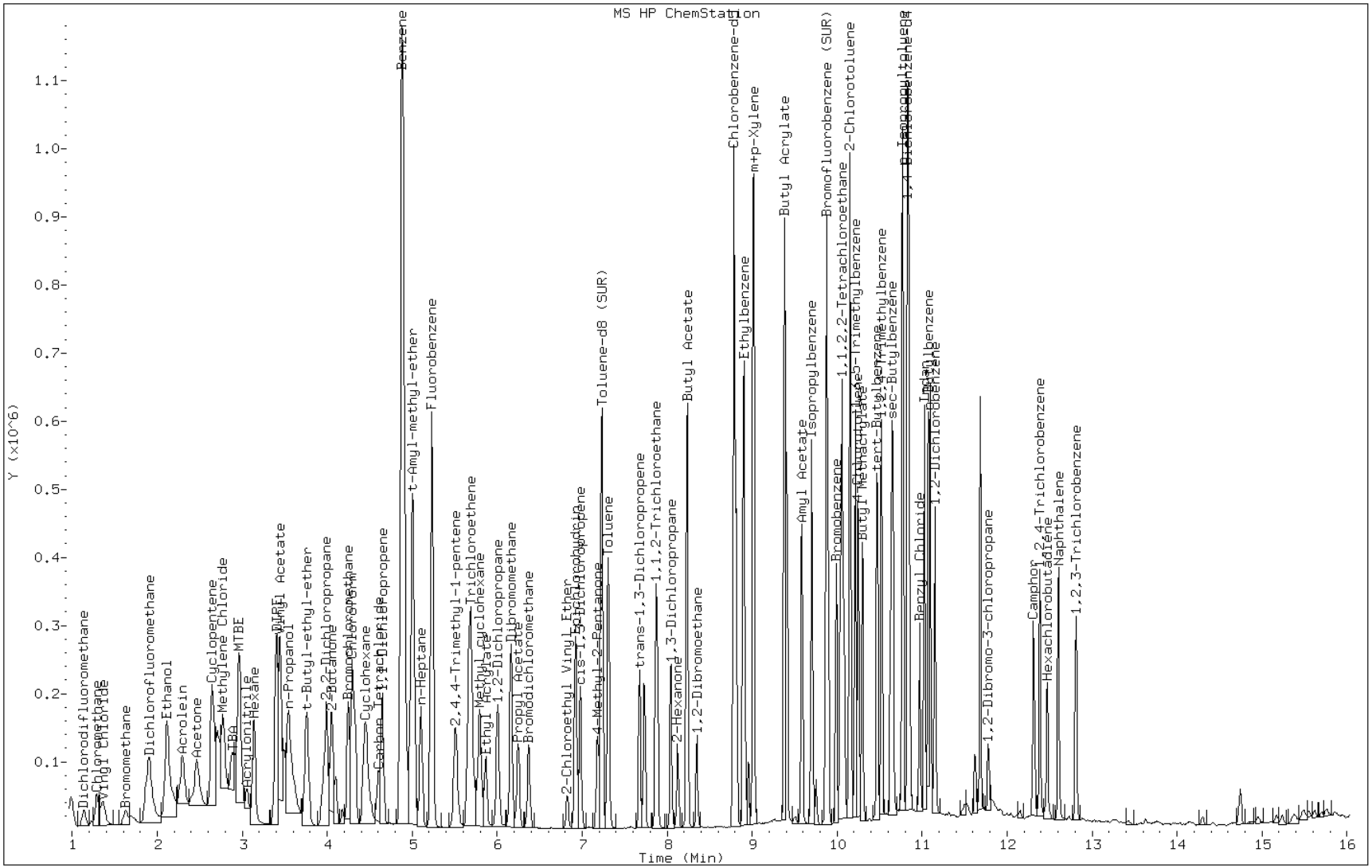
R - Spike/Surrogate failed recovery limits.

Data File: b53513.d

Date: 19-MAR-2013 18:01

Client ID: Instrument: VOAMS2.i

Sample Info: LCSD Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-152371/20

Matrix: Solid Lab File ID: d30790.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 12:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	22.5		1.0	0.19
75-34-3	1,1-Dichloroethane	22.4		1.0	0.11
107-06-2	1,2-Dichloroethane	22.1		1.0	0.18
71-55-6	1,1,1-Trichloroethane	22.6		1.0	0.13
78-93-3	2-Butanone	20.3		10	0.63
67-64-1	Acetone	17.2		10	1.7
71-43-2	Benzene	22.4		1.0	0.15
591-78-6	2-Hexanone	26.0		10	0.13
75-25-2	Bromoform	21.8		1.0	0.17
74-83-9	Bromomethane	20.9		1.0	0.43
75-15-0	Carbon disulfide	22.9		1.0	0.15
56-23-5	Carbon tetrachloride	22.4		1.0	0.15
123-91-1	1,4-Dioxane	161		50	13
108-90-7	Chlorobenzene	21.8		1.0	0.18
75-00-3	Chloroethane	19.5		1.0	0.33
67-66-3	Chloroform	22.5		1.0	0.24
74-87-3	Chloromethane	17.1		1.0	0.16
108-10-1	4-Methyl-2-pentanone	22.9		10	0.20
156-59-2	cis-1,2-Dichloroethene	22.1		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	22.0		1.0	0.14
95-50-1	1,2-Dichlorobenzene	21.4		1.0	0.10
110-82-7	Cyclohexane	22.6		1.0	0.13
541-73-1	1,3-Dichlorobenzene	22.0		1.0	0.16
106-46-7	1,4-Dichlorobenzene	21.5		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	21.5		1.0	0.19
100-41-4	Ethylbenzene	22.1		1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	22.6		1.0	0.16
76-13-1	Freon TF	24.5		1.0	0.11
78-87-5	1,2-Dichloropropane	23.0		1.0	0.15
98-82-8	Isopropylbenzene	22.8		1.0	0.11
79-20-9	Methyl acetate	23.8		1.0	0.32
108-87-2	Methylcyclohexane	22.9		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		1.0	0.44
75-09-2	Methylene Chloride	25.4		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.090
1634-04-4	MTBE	23.4		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-152371/20

Matrix: Solid Lab File ID: d30790.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 12:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152371 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	22.0		1.0	0.14
124-48-1	Dibromochloromethane	22.3		1.0	0.10
100-42-5	Styrene	22.3		1.0	0.28
106-93-4	1,2-Dibromoethane	22.0		1.0	0.15
127-18-4	Tetrachloroethene	22.4		1.0	0.12
75-71-8	Dichlorodifluoromethane	20.1		1.0	0.22
108-88-3	Toluene	21.8		1.0	0.14
74-97-5	Bromochloromethane	22.0		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	22.5		1.0	0.13
75-27-4	Bromodichloromethane	22.4		1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	21.5		1.0	0.10
79-01-6	Trichloroethene	22.2		1.0	0.12
75-69-4	Trichlorofluoromethane	21.7		1.0	0.16
75-01-4	Vinyl chloride	19.0		1.0	0.34
1330-20-7	Xylenes, Total	67.2		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130
460-00-4	Bromofluorobenzene	107		70-130

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30790.d
Report Date: 22-Mar-2013 20:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30790.d
Lab Smp Id: LCSD
Inj Date : 22-MAR-2013 12:58
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/8260L_10.m
Meth Date : 22-Mar-2013 17:59 vibha Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 14 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)
M 14	1,2-Dichloroethene (total)	100				186412	44.6001	45
90	Dichlorodifluoromethane	85	1.240	1.240	(0.273)	110156	20.1283	20
1	Chloromethane	50	1.328	1.328	(0.292)	84749	17.1255	17
4	Vinyl Chloride	62	1.399	1.399	(0.308)	95249	18.9637	19
3	Bromomethane	94	1.587	1.587	(0.349)	68709	20.8868	21
5	Chloroethane	64	1.657	1.657	(0.365)	48329	19.5294	20
9	Trichlorofluoromethane	101	1.746	1.752	(0.384)	144796	21.7462	22
121	n-Pentane	72	1.740	1.740	(0.383)	37997	56.1620	56(R)
161	Dichlorofluoromethane	67	1.799	1.799	(0.396)	159833	22.1452	22
46	Ethyl Ether	59	1.952	1.957	(0.429)	47017	23.0651	23
10	1,1-Dichloroethene	96	2.069	2.075	(0.455)	69632	22.4538	22
127	Ethanol	46	2.104	2.116	(0.463)	37433	3055.04	3000
8	Carbon Disulfide	76	2.087	2.087	(0.459)	290531	22.9323	23
48	Freon TF	101	2.104	2.128	(0.463)	104025	24.5099	24

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30790.d
Report Date: 22-Mar-2013 20:02

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	142 Iodomethane	142	2.163	2.163	(0.476)	173149	23.1890	23
	119 Isoprene	67	1.934	1.940	(0.425)	121773	22.6306	23
	6 Methylene Chloride	84	2.469	2.469	(0.543)	82620	25.3704	25
	7 Acetone	43	2.522	2.516	(0.555)	18116	17.2038	17
	12 trans-1,2-Dichloroethene	96	2.581	2.581	(0.568)	93002	22.5041	22
	125 Methyl acetate	74	2.604	2.610	(0.573)	18468	23.7928	24
	54 Hexane	56	2.634	2.640	(0.579)	84746	23.2628	23
	53 MTBE	73	2.675	2.669	(0.588)	187566	23.3771	23
	50 Acetonitrile	41	2.846	2.851	(0.626)	117862	267.870	270
	55 DIPE	45	2.957	2.963	(0.651)	232413	22.6714	23
	11 1,1-Dichloroethane	63	3.028	3.028	(0.666)	143955	22.4030	22
	51 TBA	59	2.787	2.781	(0.613)	113147	415.473	420
	149 tert-Butyl ethyl ether	59	3.228	3.228	(0.710)	265574	27.0278	27
	13 cis-1,2-Dichloroethene	96	3.446	3.446	(0.758)	93409	22.0960	22
	104 2,2-Dichloropropane	77	3.540	3.534	(0.779)	139470	23.2203	23
	108 Bromochloromethane	128	3.610	3.604	(0.794)	40968	22.0059	22
	59 Cyclohexane	56	3.604	3.604	(0.793)	173033	22.5688	22
	15 Chloroform	83	3.675	3.681	(0.808)	145965	22.4838	22
	56 Ethyl Acetate	70	3.804	3.798	(0.837)	11571	47.1293	47
	21 Carbon Tetrachloride	117	3.781	3.781	(0.832)	155653	22.4157	22
	20 1,1,1-Trichloroethane	97	3.846	3.840	(0.846)	147719	22.5689	22
	18 2-Butanone	43	3.946	3.951	(0.868)	15672	20.2827	20
	92 1,1-Dichloropropene	75	3.940	3.940	(0.867)	105877	21.7114	22
	62 n-Heptane	57	4.151	4.151	(0.526)	79543	22.6591	23
	28 Benzene	78	4.157	4.157	(0.915)	325637	22.4135	22
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.281	4.287	(0.942)	97721	55.4918	55
	140 tert-Amylmethyl Ether	73	4.293	4.293	(0.944)	184878	23.8011	24(R)
	17 1,2-Dichloroethane	62	4.345	4.345	(0.956)	81785	22.1273	22
*	69 Fluorobenzene	96	4.545	4.545	(1.000)	423647	50.0000	
	61 Isopropyl Acetate	43	4.634	4.634	(1.019)	195056	46.9207	47
	126 Methyl cyclohexane	83	4.698	4.693	(1.034)	190903	22.9483	23
	25 Trichloroethene	95	4.710	4.704	(1.036)	88966	22.1802	22
	109 Dibromomethane	93	5.116	5.122	(1.126)	38509	23.3053	23
	23 1,2-Dichloropropane	63	5.228	5.228	(1.150)	72110	22.9690	23
	96 Ethyl Acrylate	55	5.316	5.310	(1.170)	49786	20.9388	21
	22 Bromodichloromethane	83	5.316	5.316	(1.170)	89339	22.4182	22
	146 Methyl methacrylate	69	5.528	5.528	(1.216)	33372	23.1627	23
	95 1,4-Dioxane	88	5.551	5.540	(1.221)	4907	161.299	160
	64 Propyl Acetate	43	5.704	5.704	(1.255)	50216	20.9579	21
	30 2-Chloroethyl Vinyl Ether	63	5.987	5.981	(1.317)	22013	21.0653	21
	24 cis-1,3-Dichloropropene	75	6.016	6.016	(1.323)	99556	21.9567	22
	29 trans-1,3-Dichloropropene	75	6.810	6.810	(0.863)	77167	21.4830	21
$	37 Toluene-d8 (SUR)	98	6.222	6.222	(0.788)	377038	55.9871	56
	38 Toluene	91	6.287	6.281	(0.797)	350535	21.8252	22
	118 Epichlorohydrin	57	6.322	6.322	(1.391)	74407	428.495	430
	35 Tetrachloroethene	166	6.734	6.728	(0.853)	113709	22.4187	22
	33 4-Methyl-2-Pentanone	43	6.792	6.787	(1.494)	38217	22.9301	23

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30790.d
Report Date: 22-Mar-2013 20:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
27	1,1,2-Trichloroethane	83	6.981	6.981	(0.884)	42020	22.0405	22
160	Ethyl methacrylate	69	7.057	7.045	(1.553)	60173	22.8299	23
26	Dibromochloromethane	129	7.157	7.157	(0.907)	64233	22.2804	22
103	1,3-Dichloropropane	76	7.263	7.263	(0.920)	79989	21.7036	22
66	1,2-Dibromoethane	107	7.375	7.375	(0.934)	48005	21.9835	22
65	Butyl Acetate	43	7.628	7.628	(0.966)	118165	39.5595	40
34	2-Hexanone	43	7.686	7.681	(0.974)	32096	26.0363	26(R)
* 32	Chlorobenzene-d5	117	7.892	7.886	(1.000)	263137	50.0000	
39	Chlorobenzene	112	7.904	7.904	(1.001)	221664	21.8497	22
40	Ethylbenzene	106	7.957	7.957	(1.008)	126195	22.1026	22
97	1,1,1,2-Tetrachloroethane	131	7.981	7.981	(1.011)	80540	21.4774	21
43	m+p-Xylene	106	8.098	8.098	(1.026)	312304	44.7971	45
44	o-Xylene	106	8.469	8.469	(1.073)	147244	22.4384	22
42	Styrene	104	8.516	8.516	(1.079)	214824	22.3468	22
31	Bromoform	173	8.516	8.516	(1.079)	42793	21.7728	22
147	Butyl Acrylate	55	8.681	8.681	(0.884)	87036	20.4214	20
110	Isopropylbenzene	105	8.739	8.739	(1.107)	425118	22.7759	23
$ 41	Bromofluorobenzene (SUR)	174	8.951	8.951	(0.912)	165618	53.7491	54
107	Bromobenzene	156	9.022	9.022	(0.919)	100467	21.8654	22
112	n-Propylbenzene	91	9.080	9.075	(0.925)	488216	21.9254	22
36	1,1,2,2-Tetrachloroethane	83	9.151	9.145	(0.932)	58609	20.2627	20
105	2-Chlorotoluene	91	9.180	9.175	(0.935)	318348	21.5596	22
99	1,2,3-Trichloropropane	110	9.233	9.228	(0.941)	19047	21.7907	22
143	trans-1,4-Dichloro-2-butene	53	9.280	9.280	(2.042)	11938	20.7644	21
106	4-Chlorotoluene	91	9.310	9.310	(0.948)	264871	21.6502	22
148	Butyl methacrylate	69	9.504	9.498	(0.968)	88560	21.8897	22
102	1,3,5-Trimethylbenzene	105	9.245	9.239	(0.942)	343143	21.6618	22
100	1,2,4-Trimethylbenzene	105	9.533	9.533	(0.971)	344480	22.0771	22
114	sec-Butylbenzene	105	9.616	9.610	(0.980)	466699	21.9488	22
115	tert-Butylbenzene	119	9.480	9.475	(0.966)	291815	18.4328	18
113	p-Isopropyltoluene	119	9.727	9.727	(0.991)	395652	21.9579	22
* 91	1,4-Dichlorobenzene-d4	152	9.816	9.810	(1.000)	148990	50.0000	
68	1,4-Dichlorobenzene	146	9.822	9.822	(1.001)	195296	21.4637	21
151	2-Octanone	43	9.933	9.933	(1.012)	57447	22.7699	23
117	Benzyl chloride	126	10.016	10.016	(1.020)	26522	21.5853	22
111	n-Butylbenzene	92	10.039	10.039	(1.023)	212850	21.7983	22
67	1,3-Dichlorobenzene	146	9.757	9.751	(0.994)	204388	21.9946	22
69	1,2-Dichlorobenzene	146	10.127	10.127	(1.032)	179535	21.3823	21
101	1,2-Dibromo-3-chloropropane	75	10.704	10.704	(1.090)	9416	19.4451	19
94	Hexachlorobutadiene	225	11.169	11.169	(1.138)	101131	21.6149	22
93	1,2,4-Trichlorobenzene	180	11.180	11.174	(1.139)	143870	21.5223	22
70	Naphthalene	128	11.404	11.404	(1.162)	219000	21.1114	21
98	1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	132626	22.6173	23
152	Camphor	95	11.380	11.380	(1.159)	22050	94.2013	94
M 45	Xylene (Total)	100				459549	67.2339	67

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13.b/d30790.d
Report Date: 22-Mar-2013 20:02

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: d30790.d

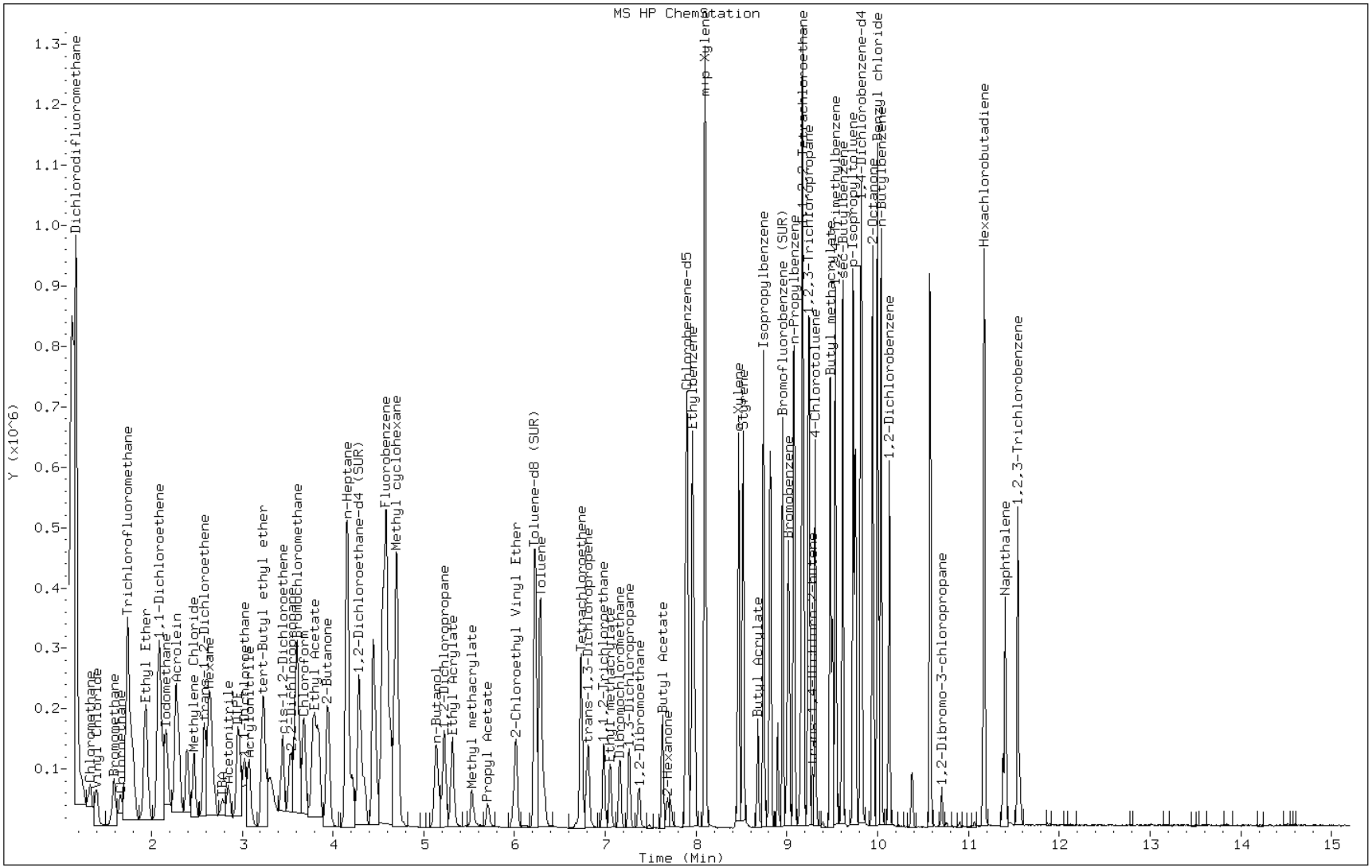
Date: 22-MAR-2013 12:58

Client ID:

Instrument: VOAMS4.i

Sample Info: LCSD

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-152393/4

Matrix: Solid Lab File ID: d30810.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 22:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	17.8		1.0	0.19
75-34-3	1,1-Dichloroethane	17.9		1.0	0.11
107-06-2	1,2-Dichloroethane	18.6		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.4		1.0	0.13
78-93-3	2-Butanone	22.6		10	0.63
67-64-1	Acetone	12.5		10	1.7
71-43-2	Benzene	18.4		1.0	0.15
591-78-6	2-Hexanone	16.7		10	0.13
75-25-2	Bromoform	19.1		1.0	0.17
74-83-9	Bromomethane	18.0		1.0	0.43
75-15-0	Carbon disulfide	16.3		1.0	0.15
56-23-5	Carbon tetrachloride	17.7		1.0	0.15
123-91-1	1,4-Dioxane	131		50	13
108-90-7	Chlorobenzene	18.3		1.0	0.18
75-00-3	Chloroethane	18.1		1.0	0.33
67-66-3	Chloroform	18.8		1.0	0.24
74-87-3	Chloromethane	14.9		1.0	0.16
108-10-1	4-Methyl-2-pentanone	18.9		10	0.20
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.14
95-50-1	1,2-Dichlorobenzene	17.7		1.0	0.10
110-82-7	Cyclohexane	15.9		1.0	0.13
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.16
106-46-7	1,4-Dichlorobenzene	17.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.9		1.0	0.19
100-41-4	Ethylbenzene	17.8		1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	18.3		1.0	0.16
76-13-1	Freon TF	17.0		1.0	0.11
78-87-5	1,2-Dichloropropane	19.0		1.0	0.15
98-82-8	Isopropylbenzene	18.4		1.0	0.11
79-20-9	Methyl acetate	19.1		1.0	0.32
108-87-2	Methylcyclohexane	16.4		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		1.0	0.44
75-09-2	Methylene Chloride	22.8		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	17.0		1.0	0.090
1634-04-4	MTBE	18.5		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-152393/4

Matrix: Solid Lab File ID: d30810.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/22/2013 22:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152393 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.0		1.0	0.14
124-48-1	Dibromochloromethane	18.8		1.0	0.10
100-42-5	Styrene	18.8		1.0	0.28
106-93-4	1,2-Dibromoethane	18.8		1.0	0.15
127-18-4	Tetrachloroethene	18.2		1.0	0.12
75-71-8	Dichlorodifluoromethane	16.7		1.0	0.22
108-88-3	Toluene	17.5		1.0	0.14
74-97-5	Bromochloromethane	18.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.6		1.0	0.13
75-27-4	Bromodichloromethane	19.2		1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.10
79-01-6	Trichloroethene	18.3		1.0	0.12
75-69-4	Trichlorofluoromethane	18.0		1.0	0.16
75-01-4	Vinyl chloride	15.4		1.0	0.34
1330-20-7	Xylenes, Total	55.1		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	91		70-130

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30810.d
Report Date: 22-Mar-2013 22:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30810.d
Lab Smp Id: LCSD
Inj Date : 22-MAR-2013 22:41
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/8260L_10.m
Meth Date : 22-Mar-2013 21:29 martinez Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.d
Als bottle: 4 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)
M 14 1,2-Dichloroethene (total)	100				168899	37.2428	37
90 Dichlorodifluoromethane	85	1.246	1.234	(0.274)	98998	16.6731	17
1 Chloromethane	50	1.334	1.322	(0.293)	79746	14.8530	15
4 Vinyl Chloride	62	1.399	1.387	(0.307)	83923	15.4005	15
3 Bromomethane	94	1.593	1.581	(0.350)	64133	17.9696	18
5 Chloroethane	64	1.663	1.646	(0.365)	48628	18.1120	18
9 Trichlorofluoromethane	101	1.758	1.740	(0.386)	129806	17.9687	18
121 n-Pentane	72	1.740	1.728	(0.382)	29268	39.8731	40
161 Dichlorofluoromethane	67	1.805	1.793	(0.396)	134734	17.2061	17
46 Ethyl Ether	59	1.958	1.940	(0.430)	39717	17.9588	18
10 1,1-Dichloroethene	96	2.069	2.057	(0.455)	59830	17.7828	18
127 Ethanol	46	2.116	2.110	(0.465)	32275	2427.82	2400
8 Carbon Disulfide	76	2.087	2.081	(0.459)	223698	16.2747	16
48 Freon TF	101	2.110	2.110	(0.464)	78482	17.0439	17

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30810.d
Report Date: 22-Mar-2013 22:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
142	Iodomethane	142	2.163	2.152	(0.475)	145297	17.9355	18
119	Isoprene	67	1.934	1.922	(0.425)	92266	15.8046	16(R)
6	Methylene Chloride	84	2.475	2.457	(0.544)	80488	22.7806	23
7	Acetone	43	2.528	2.510	(0.555)	14425	12.4907	12
12	trans-1,2-Dichloroethene	96	2.581	2.569	(0.567)	83567	18.6380	19
125	Methyl acetate	74	2.605	2.599	(0.572)	16115	19.1355	19
54	Hexane	56	2.640	2.628	(0.580)	66593	16.8486	17
53	MTBE	73	2.675	2.663	(0.588)	160678	18.4581	18
50	Acetonitrile	41	2.863	2.840	(0.629)	104332	216.786	220(R)
55	DIPE	45	2.963	2.957	(0.651)	194048	17.4470	17
11	1,1-Dichloroethane	63	3.028	3.022	(0.665)	125094	17.9436	18
51	TBA	59	2.793	2.793	(0.614)	101225	342.596	340
149	tert-Butyl ethyl ether	59	3.222	3.228	(0.708)	182256	17.0963	17
13	cis-1,2-Dichloroethene	96	3.446	3.440	(0.757)	85331	18.6048	19
104	2,2-Dichloropropane	77	3.534	3.534	(0.776)	117295	17.9996	18
108	Bromochloromethane	128	3.604	3.604	(0.792)	37787	18.7085	19
59	Cyclohexane	56	3.604	3.593	(0.792)	132546	15.9346	16(R)
15	Chloroform	83	3.681	3.675	(0.809)	132659	18.8344	19
56	Ethyl Acetate	70	3.804	3.804	(0.836)	10595	39.7763	40
21	Carbon Tetrachloride	117	3.775	3.781	(0.829)	133276	17.6907	18
20	1,1,1-Trichloroethane	97	3.846	3.834	(0.845)	130506	18.3781	18
18	2-Butanone	43	3.957	3.957	(0.869)	18960	22.6167	23
92	1,1-Dichloropropene	75	3.946	3.940	(0.867)	93079	17.5928	18
62	n-Heptane	57	4.151	4.146	(0.526)	62076	15.6661	16
28	Benzene	78	4.157	4.157	(0.913)	289647	18.3755	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.942)	86014	45.0199	45
140	tert-Amylmethyl Ether	73	4.293	4.293	(0.943)	158834	18.8474	19
17	1,2-Dichloroethane	62	4.346	4.346	(0.955)	74743	18.6388	19
* 69	Fluorobenzene	96	4.551	4.546	(1.000)	459631	50.0000	
61	Isopropyl Acetate	43	4.640	4.634	(1.019)	168262	37.3065	37
126	Methyl cyclohexane	83	4.693	4.687	(1.031)	148391	16.4415	16
25	Trichloroethene	95	4.716	4.710	(1.036)	79741	18.3238	18
109	Dibromomethane	93	5.128	5.128	(1.127)	35901	20.0263	20
23	1,2-Dichloropropane	63	5.234	5.228	(1.150)	64707	18.9973	19
96	Ethyl Acrylate	55	5.316	5.316	(1.168)	45551	17.6580	18
22	Bromodichloromethane	83	5.322	5.316	(1.169)	82882	19.1696	19
146	Methyl methacrylate	69	5.528	5.528	(1.215)	27583	17.6460	18
95	1,4-Dioxane	88	5.587	5.557	(1.227)	4335	131.327	130
64	Propyl Acetate	43	5.704	5.704	(1.253)	43362	16.6804	17
30	2-Chloroethyl Vinyl Ether	63	5.987	5.993	(1.315)	19065	16.8158	17
24	cis-1,3-Dichloropropene	75	6.016	6.016	(1.322)	91915	18.6844	19
29	trans-1,3-Dichloropropene	75	6.816	6.810	(0.864)	72781	17.9506	18
$ 37	Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	348733	45.8767	46
38	Toluene	91	6.287	6.287	(0.797)	317680	17.5232	18
118	Epichlorohydrin	57	6.328	6.328	(1.390)	68118	361.569	360
35	Tetrachloroethene	166	6.734	6.734	(0.853)	104218	18.2036	18
33	4-Methyl-2-Pentanone	43	6.792	6.798	(1.492)	34225	18.9274	19

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30810.d
Report Date: 22-Mar-2013 22:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
27	1,1,2-Trichloroethane	83	6.981	6.981	(0.884)	38637	17.9541	18
160	Ethyl methacrylate	69	7.051	7.057	(1.549)	53718	18.7852	19
26	Dibromochloromethane	129	7.163	7.163	(0.908)	61116	18.7809	19
103	1,3-Dichloropropane	76	7.263	7.263	(0.920)	77421	18.6105	19
66	1,2-Dibromoethane	107	7.375	7.375	(0.934)	46294	18.7818	19
65	Butyl Acetate	43	7.628	7.628	(0.966)	106375	31.5500	32
34	2-Hexanone	43	7.687	7.687	(0.974)	23246	16.7063	17
* 32	Chlorobenzene-d5	117	7.892	7.892	(1.000)	297019	50.0000	
39	Chlorobenzene	112	7.904	7.910	(1.001)	209256	18.2737	18
40	Ethylbenzene	106	7.963	7.957	(1.009)	114572	17.7779	18
97	1,1,1,2-Tetrachloroethane	131	7.981	7.981	(1.011)	75843	17.9178	18
43	m+p-Xylene	106	8.098	8.098	(1.026)	291202	37.0052	37
44	o-Xylene	106	8.469	8.469	(1.073)	134193	18.1169	18
42	Styrene	104	8.516	8.516	(1.079)	203910	18.7918	19
31	Bromoform	173	8.516	8.516	(1.079)	42263	19.0501	19
147	Butyl Acrylate	55	8.681	8.681	(0.884)	77262	15.6660	16
110	Isopropylbenzene	105	8.745	8.745	(1.108)	388042	18.4180	18
$ 41	Bromofluorobenzene (SUR)	174	8.957	8.957	(0.912)	162120	45.4676	45
107	Bromobenzene	156	9.022	9.022	(0.919)	95156	17.8967	18
112	n-Propylbenzene	91	9.081	9.081	(0.925)	445624	17.2944	17
36	1,1,2,2-Tetrachloroethane	83	9.151	9.151	(0.932)	56889	16.9968	17
105	2-Chlorotoluene	91	9.181	9.181	(0.935)	293520	17.1782	17
99	1,2,3-Trichloropropane	110	9.233	9.233	(0.941)	18118	17.9120	18
143	trans-1,4-Dichloro-2-butene	53	9.281	9.286	(2.039)	12867	20.6275	21
106	4-Chlorotoluene	91	9.310	9.316	(0.948)	249551	17.6274	18
148	Butyl methacrylate	69	9.504	9.504	(0.968)	77692	16.5952	16
102	1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	315631	17.2187	17
100	1,2,4-Trimethylbenzene	105	9.533	9.533	(0.971)	322778	17.8766	18
114	sec-Butylbenzene	105	9.616	9.616	(0.980)	416229	16.9164	17
115	tert-Butylbenzene	119	9.481	9.481	(0.966)	264200	14.4218	14(R)
113	p-Isopropyltoluene	119	9.733	9.733	(0.992)	360779	17.3030	17
* 91	1,4-Dichlorobenzene-d4	152	9.816	9.816	(1.000)	172408	50.0000	
68	1,4-Dichlorobenzene	146	9.822	9.828	(1.001)	188109	17.8658	18
151	2-Octanone	43	9.939	9.939	(1.013)	42742	14.6403	15
117	Benzyl chloride	126	10.016	10.016	(1.020)	24017	16.8915	17
111	n-Butylbenzene	92	10.039	10.039	(1.023)	192396	17.0274	17
67	1,3-Dichlorobenzene	146	9.757	9.757	(0.994)	190574	17.7226	18
69	1,2-Dichlorobenzene	146	10.128	10.128	(1.032)	172018	17.7044	18
101	1,2-Dibromo-3-chloropropane	75	10.704	10.704	(1.090)	10006	17.8576	18
94	Hexachlorobutadiene	225	11.169	11.169	(1.138)	94486	17.4517	17
93	1,2,4-Trichlorobenzene	180	11.180	11.180	(1.139)	138191	17.8648	18
70	Naphthalene	128	11.410	11.410	(1.162)	206332	17.1887	17
98	1,2,3-Trichlorobenzene	180	11.545	11.545	(1.176)	124229	18.3079	18
152	Camphor	95	11.380	11.380	(1.159)	21624	79.8338	80
M 45	Xylene (Total)	100				425395	55.1375	55

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/22mar13a.b/d30810.d
Report Date: 22-Mar-2013 22:40

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: d30810.d

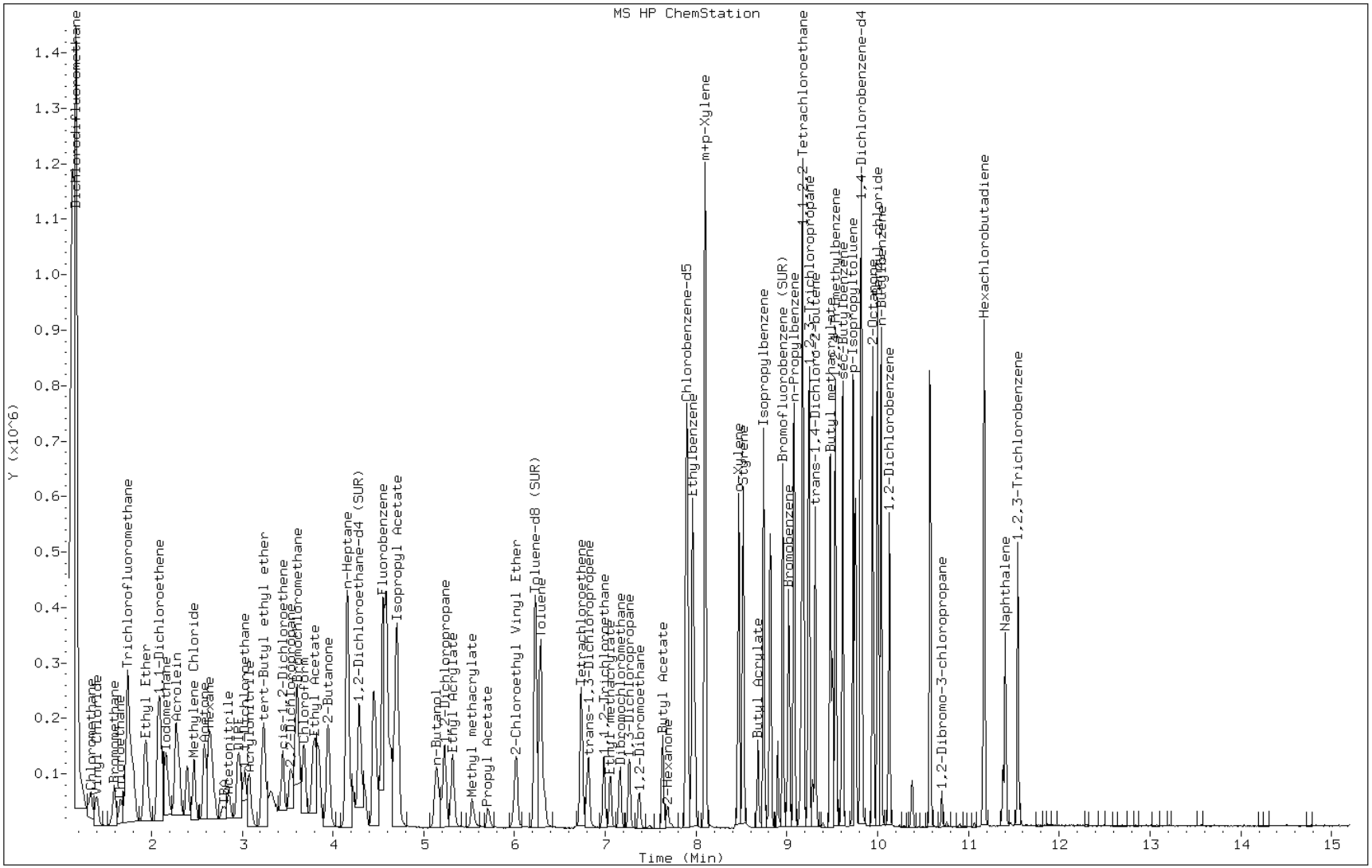
Date: 22-MAR-2013 22:41

Client ID:

Instrument: VOAMS4.i

Sample Info: LCSD

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-152400/4

Matrix: Solid Lab File ID: d30833.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2013 07:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	20.1		1.0	0.19
75-34-3	1,1-Dichloroethane	20.5		1.0	0.11
107-06-2	1,2-Dichloroethane	19.5		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.13
78-93-3	2-Butanone	17.6		10	0.63
67-64-1	Acetone	13.3		10	1.7
71-43-2	Benzene	20.8		1.0	0.15
591-78-6	2-Hexanone	18.7		10	0.13
75-25-2	Bromoform	18.1		1.0	0.17
74-83-9	Bromomethane	19.4		1.0	0.43
75-15-0	Carbon disulfide	21.3		1.0	0.15
56-23-5	Carbon tetrachloride	19.9		1.0	0.15
123-91-1	1,4-Dioxane	147		50	13
108-90-7	Chlorobenzene	19.9		1.0	0.18
75-00-3	Chloroethane	19.9		1.0	0.33
67-66-3	Chloroform	20.6		1.0	0.24
74-87-3	Chloromethane	17.6		1.0	0.16
108-10-1	4-Methyl-2-pentanone	20.3		10	0.20
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.6		1.0	0.10
110-82-7	Cyclohexane	21.6		1.0	0.13
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.16
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.7		1.0	0.19
100-41-4	Ethylbenzene	20.0		1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	20.0		1.0	0.16
76-13-1	Freon TF	22.5		1.0	0.11
78-87-5	1,2-Dichloropropane	20.5		1.0	0.15
98-82-8	Isopropylbenzene	21.0		1.0	0.11
79-20-9	Methyl acetate	20.9		1.0	0.32
108-87-2	Methylcyclohexane	22.0		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		1.0	0.44
75-09-2	Methylene Chloride	26.6		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1.0	0.090
1634-04-4	MTBE	21.2		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-152400/4

Matrix: Solid Lab File ID: d30833.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2013 07:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 152400 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.14
124-48-1	Dibromochloromethane	19.1		1.0	0.10
100-42-5	Styrene	19.9		1.0	0.28
106-93-4	1,2-Dibromoethane	18.7		1.0	0.15
127-18-4	Tetrachloroethene	20.6		1.0	0.12
75-71-8	Dichlorodifluoromethane	18.5		1.0	0.22
108-88-3	Toluene	19.8		1.0	0.14
74-97-5	Bromochloromethane	20.3		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.13
75-27-4	Bromodichloromethane	20.6		1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.10
79-01-6	Trichloroethene	20.6		1.0	0.12
75-69-4	Trichlorofluoromethane	19.7		1.0	0.16
75-01-4	Vinyl chloride	18.4		1.0	0.34
1330-20-7	Xylenes, Total	60.8		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30833.d
Report Date: 23-Mar-2013 07:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30833.d
Lab Smp Id: LCSD
Inj Date : 23-MAR-2013 07:36
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/8260L_10.m
Meth Date : 23-Mar-2013 06:45 audberto Quant Type: ISTD
Cal Date : 22-MAR-2013 11:03 Cal File: d30785.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

		QUANT SIG					CONCENTRATIONS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				188342	40.6839	41
	90 Dichlorodifluoromethane	85	1.252	1.246	(0.275)	112327	18.5295	18
	1 Chloromethane	50	1.328	1.328	(0.292)	96707	17.6420	18
	4 Vinyl Chloride	62	1.399	1.399	(0.308)	102194	18.3683	18
	3 Bromomethane	94	1.593	1.581	(0.350)	70680	19.3970	19
	5 Chloroethane	64	1.657	1.657	(0.365)	54471	19.8714	20
	9 Trichlorofluoromethane	101	1.746	1.752	(0.384)	145352	19.7073	20
	121 n-Pentane	72	1.734	1.740	(0.381)	37652	50.2415	50
	161 Dichlorofluoromethane	67	1.799	1.793	(0.396)	170277	21.2984	21
	46 Ethyl Ether	59	1.951	1.952	(0.429)	47052	20.8385	21
	10 1,1-Dichloroethene	96	2.075	2.075	(0.456)	68986	20.0828	20
	127 Ethanol	46	2.110	2.122	(0.464)	34434	2537.03	2500
	8 Carbon Disulfide	76	2.087	2.087	(0.459)	298816	21.2932	21
	48 Freon TF	101	2.110	2.116	(0.464)	105693	22.4818	22

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30833.d
Report Date: 23-Mar-2013 07:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
142	Iodomethane	142	2.163	2.163	(0.476)	180666	21.8434	22
119	Isoprene	67	1.934	1.934	(0.425)	127807	21.4428	21
6	Methylene Chloride	84	2.469	2.469	(0.543)	95937	26.5954	26
7	Acetone	43	2.516	2.522	(0.554)	15620	13.2723	13
12	trans-1,2-Dichloroethene	96	2.581	2.581	(0.568)	94612	20.6678	21
125	Methyl acetate	74	2.610	2.604	(0.574)	17996	20.9308	21
54	Hexane	56	2.640	2.634	(0.581)	88518	21.9358	22
53	MTBE	73	2.669	2.669	(0.587)	188367	21.1944	21
50	Acetonitrile	41	2.846	2.857	(0.626)	107948	219.798	220(R)
55	DIPE	45	2.957	2.957	(0.651)	247374	21.7848	22
11	1,1-Dichloroethane	63	3.028	3.022	(0.666)	146145	20.5325	20
51	TBA	59	2.781	2.781	(0.612)	108139	358.480	360
149	tert-Butyl ethyl ether	59	3.222	3.228	(0.709)	234464	21.5418	22
13	cis-1,2-Dichloroethene	96	3.446	3.451	(0.758)	93729	20.0161	20
104	2,2-Dichloropropane	77	3.528	3.534	(0.776)	137513	20.6687	21
108	Bromochloromethane	128	3.610	3.610	(0.794)	41855	20.2967	20
59	Cyclohexane	56	3.604	3.598	(0.793)	183838	21.6469	22
15	Chloroform	83	3.681	3.675	(0.810)	148293	20.6216	21
56	Ethyl Acetate	70	3.804	3.804	(0.837)	11724	43.1091	43
21	Carbon Tetrachloride	117	3.781	3.781	(0.832)	152932	19.8827	20
20	1,1,1-Trichloroethane	97	3.840	3.840	(0.845)	150685	20.7838	21
18	2-Butanone	43	3.951	3.963	(0.869)	15055	17.5906	18
92	1,1-Dichloropropene	75	3.940	3.940	(0.867)	114286	21.1572	21
62	n-Heptane	57	4.157	4.157	(0.527)	87823	22.0186	22
28	Benzene	78	4.157	4.157	(0.915)	334124	20.7618	21
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.287	4.287	(0.943)	94676	48.5359	48
140	tert-Amylmethyl Ether	73	4.293	4.293	(0.944)	194311	22.5835	22
17	1,2-Dichloroethane	62	4.345	4.345	(0.956)	79736	19.4757	19
* 69	Fluorobenzene	96	4.545	4.545	(1.000)	469270	50.0000	
61	Isopropyl Acetate	43	4.640	4.640	(1.021)	184797	40.1310	40
126	Methyl cyclohexane	83	4.692	4.692	(1.032)	202589	21.9854	22
25	Trichloroethene	95	4.710	4.710	(1.036)	91463	20.5858	20
109	Dibromomethane	93	5.128	5.122	(1.128)	36661	20.0301	20
23	1,2-Dichloropropane	63	5.222	5.228	(1.149)	71457	20.5483	20
96	Ethyl Acrylate	55	5.316	5.316	(1.170)	51111	19.4063	19
22	Bromodichloromethane	83	5.316	5.316	(1.170)	91027	20.6211	21
146	Methyl methacrylate	69	5.528	5.534	(1.216)	34137	21.3898	21
95	1,4-Dioxane	88	5.551	5.569	(1.221)	4961	147.216	150
64	Propyl Acetate	43	5.698	5.704	(1.254)	51176	19.2820	19
30	2-Chloroethyl Vinyl Ether	63	5.987	5.981	(1.317)	20941	18.0912	18
24	cis-1,3-Dichloropropene	75	6.016	6.022	(1.323)	100363	19.9827	20
29	trans-1,3-Dichloropropene	75	6.816	6.810	(0.864)	77147	18.9026	19
$ 37	Toluene-d8 (SUR)	98	6.228	6.228	(0.789)	388549	50.7795	51
38	Toluene	91	6.286	6.287	(0.797)	360501	19.7549	20
118	Epichlorohydrin	57	6.322	6.322	(1.391)	72045	374.556	370
35	Tetrachloroethene	166	6.734	6.728	(0.853)	118695	20.5963	20
33	4-Methyl-2-Pentanone	43	6.792	6.792	(1.494)	37498	20.3113	20

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30833.d
Report Date: 23-Mar-2013 07:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	27 1,1,2-Trichloroethane	83	6.981	6.986	(0.884)	40724	18.7996	19
	160 Ethyl methacrylate	69	7.051	7.057	(1.551)	62640	21.4555	21
	26 Dibromochloromethane	129	7.157	7.163	(0.907)	62607	19.1128	19
	103 1,3-Dichloropropane	76	7.263	7.263	(0.920)	81012	19.3461	19
	66 1,2-Dibromoethane	107	7.369	7.375	(0.934)	46334	18.6748	19
	65 Butyl Acetate	43	7.628	7.628	(0.966)	117713	34.6839	35
	34 2-Hexanone	43	7.686	7.681	(0.974)	26224	18.7232	19
*	32 Chlorobenzene-d5	117	7.892	7.892	(1.000)	298979	50.0000	
	39 Chlorobenzene	112	7.904	7.904	(1.001)	229421	19.9033	20
	40 Ethylbenzene	106	7.957	7.957	(1.008)	129648	19.9851	20
	97 1,1,1,2-Tetrachloroethane	131	7.981	7.981	(1.011)	82046	19.2561	19
	43 m+p-Xylene	106	8.098	8.098	(1.026)	315918	39.8829	40
	44 o-Xylene	106	8.469	8.469	(1.073)	156042	20.9285	21
	42 Styrene	104	8.516	8.516	(1.079)	217512	19.9138	20
	31 Bromoform	173	8.516	8.516	(1.079)	40330	18.0596	18
	147 Butyl Acrylate	55	8.680	8.680	(0.885)	88289	18.8055	19
	110 Isopropylbenzene	105	8.739	8.739	(1.107)	444523	20.9604	21
$	41 Bromofluorobenzene (SUR)	174	8.957	8.957	(0.913)	170390	50.1991	50
	107 Bromobenzene	156	9.022	9.022	(0.920)	100667	19.8889	20
	112 n-Propylbenzene	91	9.075	9.080	(0.925)	500182	20.3916	20
	36 1,1,2,2-Tetrachloroethane	83	9.151	9.151	(0.933)	58630	18.4010	18
	105 2-Chlorotoluene	91	9.180	9.180	(0.936)	331235	20.3640	20
	99 1,2,3-Trichloropropane	110	9.233	9.233	(0.941)	17692	18.3744	18
	143 trans-1,4-Dichloro-2-butene	53	9.280	9.280	(2.042)	13047	20.4871	20
	106 4-Chlorotoluene	91	9.310	9.310	(0.949)	267853	19.8752	20
	148 Butyl methacrylate	69	9.504	9.504	(0.969)	92795	20.8216	21
	102 1,3,5-Trimethylbenzene	105	9.245	9.245	(0.942)	356615	20.4365	20
	100 1,2,4-Trimethylbenzene	105	9.533	9.533	(0.972)	353206	20.5492	20
	114 sec-Butylbenzene	105	9.616	9.616	(0.980)	484202	20.6723	21
	115 tert-Butylbenzene	119	9.480	9.480	(0.966)	307077	17.6084	18
	113 p-Isopropyltoluene	119	9.727	9.727	(0.992)	413855	20.8504	21
*	91 1,4-Dichlorobenzene-d4	152	9.810	9.816	(1.000)	164123	50.0000	
	68 1,4-Dichlorobenzene	146	9.822	9.822	(1.001)	200757	20.0295	20
	151 2-Octanone	43	9.933	9.939	(1.013)	53783	19.3519	19
	117 Benzyl chloride	126	10.016	10.016	(1.021)	27378	20.2273	20
	111 n-Butylbenzene	92	10.039	10.039	(1.023)	222185	20.6563	21
	67 1,3-Dichlorobenzene	146	9.757	9.757	(0.995)	200329	19.5700	20
	69 1,2-Dichlorobenzene	146	10.127	10.127	(1.032)	181722	19.6472	20
	101 1,2-Dibromo-3-chloropropane	75	10.704	10.704	(1.091)	9330	17.4912	17
	94 Hexachlorobutadiene	225	11.169	11.169	(1.139)	106597	20.6823	21
	93 1,2,4-Trichlorobenzene	180	11.180	11.180	(1.140)	144703	19.6509	20
	70 Naphthalene	128	11.404	11.404	(1.162)	222305	19.4541	19
	98 1,2,3-Trichlorobenzene	180	11.545	11.545	(1.177)	129036	19.9761	20
	152 Camphor	95	11.380	11.380	(1.160)	22764	88.2838	88
M	45 Xylene (Total)	100				471961	60.7720	61

Data File: /chem/VOAMS4.i/8260L_10/03-22-13/23mar13.b/d30833.d
Report Date: 23-Mar-2013 07:33

QC Flag Legend

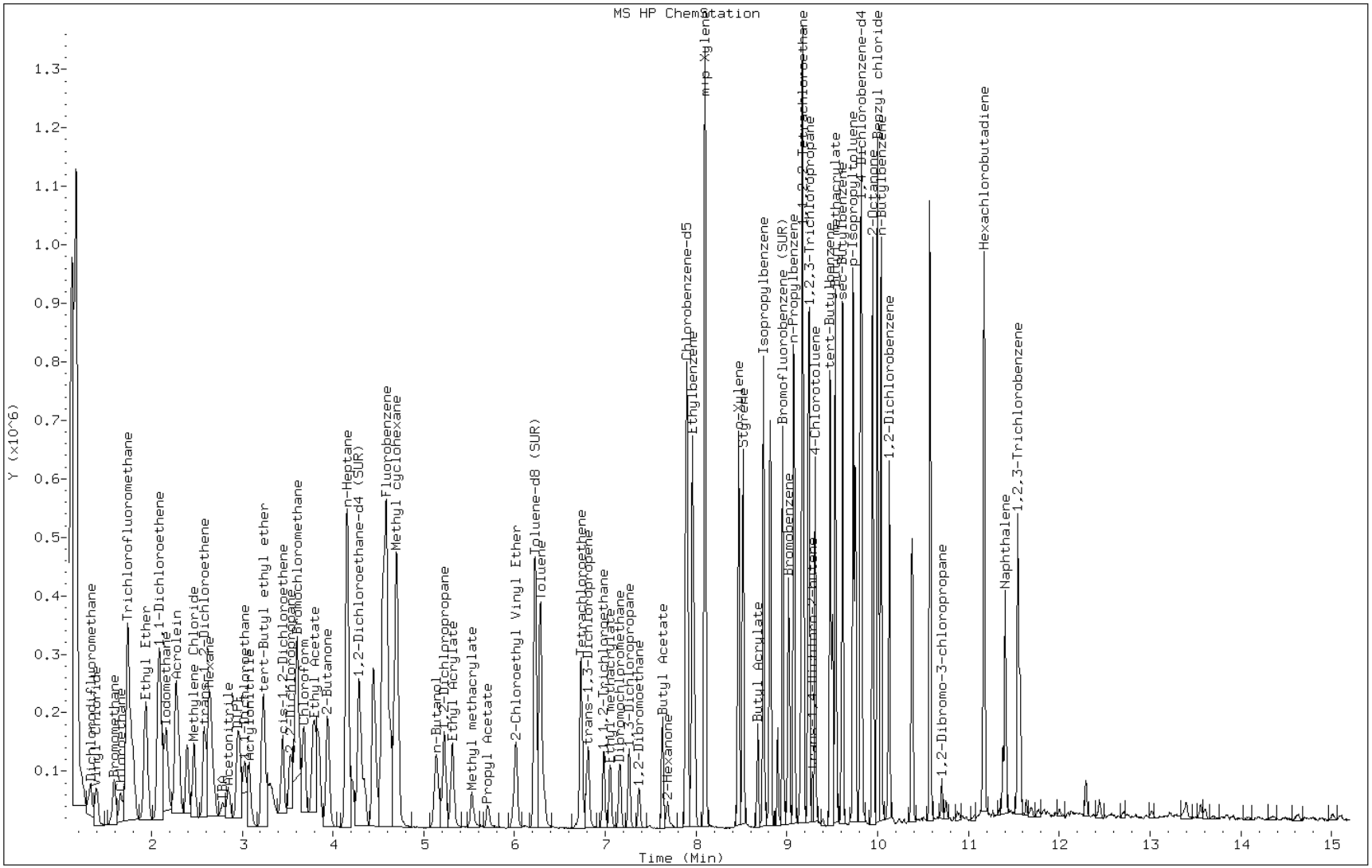
R - Spike/Surrogate failed recovery limits.

Data File: d30833.d

Date: 23-MAR-2013 07:36

Client ID: Instrument: VOAMS4.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-152683/4

Matrix: Solid Lab File ID: o71640.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2013 17:02

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.: 152683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	20.0		1.0	0.19
75-34-3	1,1-Dichloroethane	19.6		1.0	0.11
107-06-2	1,2-Dichloroethane	19.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.0		1.0	0.13
78-93-3	2-Butanone	23.4		10	0.63
67-64-1	Acetone	23.3		10	1.7
71-43-2	Benzene	19.9		1.0	0.15
591-78-6	2-Hexanone	19.5		10	0.13
75-25-2	Bromoform	15.4		1.0	0.17
74-83-9	Bromomethane	19.7		1.0	0.43
75-15-0	Carbon disulfide	19.3		1.0	0.15
56-23-5	Carbon tetrachloride	17.7		1.0	0.15
123-91-1	1,4-Dioxane	133		50	13
108-90-7	Chlorobenzene	19.0		1.0	0.18
75-00-3	Chloroethane	19.0		1.0	0.33
67-66-3	Chloroform	19.5		1.0	0.24
74-87-3	Chloromethane	19.8		1.0	0.16
108-10-1	4-Methyl-2-pentanone	21.0		10	0.20
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.10
110-82-7	Cyclohexane	20.7		1.0	0.13
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.16
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.0		1.0	0.19
100-41-4	Ethylbenzene	18.8		1.0	0.17
87-61-6	1,2,3-Trichlorobenzene	19.2		1.0	0.16
76-13-1	Freon TF	20.1		1.0	0.11
78-87-5	1,2-Dichloropropane	19.3		1.0	0.15
98-82-8	Isopropylbenzene	19.3		1.0	0.11
79-20-9	Methyl acetate	24.5		1.0	0.32
108-87-2	Methylcyclohexane	20.6		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.0	0.44
75-09-2	Methylene Chloride	19.7		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.090
1634-04-4	MTBE	21.0		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-152683/4

Matrix: Solid | Lab File ID: o71640.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/25/2013 17:02

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.: 152683 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.14
124-48-1	Dibromochloromethane	17.0		1.0	0.10
100-42-5	Styrene	19.5		1.0	0.28
106-93-4	1,2-Dibromoethane	18.6		1.0	0.15
127-18-4	Tetrachloroethene	19.9		1.0	0.12
75-71-8	Dichlorodifluoromethane	19.4		1.0	0.22
108-88-3	Toluene	19.3		1.0	0.14
74-97-5	Bromochloromethane	19.3		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.13
75-27-4	Bromodichloromethane	17.3		1.0	0.32
10061-02-6	trans-1,3-Dichloropropene	16.5		1.0	0.10
79-01-6	Trichloroethene	19.5		1.0	0.12
75-69-4	Trichlorofluoromethane	20.2		1.0	0.16
75-01-4	Vinyl chloride	20.4		1.0	0.34
1330-20-7	Xylenes, Total	57.2		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	93		70-130

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71640.d
Report Date: 25-Mar-2013 17:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71640.d
Lab Smp Id: LCSD
Inj Date : 25-MAR-2013 17:02
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/8260L_10.m
Meth Date : 25-Mar-2013 16:37 audberto Quant Type: ISTD
Cal Date : 09-MAR-2013 08:54 Cal File: o70919.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	0.901	0.887	(0.245)	85418	19.3834	19
1 Chloromethane	50	0.973	0.966	(0.264)	119020	19.8383	20
4 Vinyl Chloride	62	1.023	1.016	(0.278)	104887	20.4325	20
3 Bromomethane	94	1.152	1.145	(0.313)	62890	19.7000	20
5 Chloroethane	64	1.202	1.195	(0.327)	56780	18.9508	19
9 Trichlorofluoromethane	101	1.317	1.317	(0.358)	153356	20.2467	20
121 n-Pentane	72	1.353	1.353	(0.368)	40429	39.5221	40
127 Ethanol	46	1.482	1.482	(0.403)	54362	2576.25	2600
46 Ethyl Ether	59	1.482	1.482	(0.403)	65380	20.9980	21
119 Isoprene	67	1.482	1.475	(0.403)	129393	20.4836	20
157 Dichlorofluoromethane	67	1.303	1.303	(0.354)	172427	21.0621	21
47 Acrolein	56	1.560	1.553	(0.424)	103024	197.779	200
10 1,1-Dichloroethene	96	1.596	1.589	(0.434)	66951	20.0426	20
48 Freon TF	101	1.589	1.589	(0.432)	93070	20.0801	20

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71640.d
Report Date: 25-Mar-2013 17:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7	Acetone	43	1.654	1.646	(0.449)	30947	23.2992	23
142	Iodomethane	142	1.682	1.675	(0.457)	98441	19.5145	20
8	Carbon Disulfide	76	1.711	1.704	(0.465)	238973	19.2724	19
50	Acetonitrile	41	1.804	1.797	(0.490)	221107	420.894	420
125	Methyl acetate	74	1.833	1.826	(0.498)	14089	24.4520	24
6	Methylene Chloride	84	1.876	1.876	(0.510)	82451	19.6823	20
51	TBA	59	1.990	1.990	(0.541)	183430	429.503	430
52	Acrylonitrile	53	2.040	2.040	(0.554)	169319	126.797	130
12	trans-1,2-Dichloroethene	96	2.033	2.033	(0.552)	80308	19.4629	19
53	MTBE	73	2.047	2.048	(0.556)	229935	20.9938	21
54	Hexane	56	2.205	2.205	(0.599)	78932	20.3915	20
11	1,1-Dichloroethane	63	2.313	2.305	(0.628)	147498	19.6122	20
57	Vinyl Acetate	43	2.363	2.356	(0.642)	450990	40.4126	40
55	DIPE	45	2.370	2.370	(0.644)	320233	21.6630	22
149	tert-Butyl ethyl ether	59	2.628	2.621	(0.714)	263457	19.9304	20
104	2,2-Dichloropropane	77	2.714	2.714	(0.737)	127233	19.3476	19
13	cis-1,2-Dichloroethene	96	2.721	2.721	(0.739)	89199	19.9099	20
18	2-Butanone	72	2.764	2.757	(0.751)	9649	23.3684	23
56	Ethyl Acetate	70	2.814	2.807	(0.765)	14276	39.8457	40
108	Bromochloromethane	128	2.907	2.907	(0.790)	37276	19.3248	19
160	Tetrahydrofuran	42	2.950	2.950	(0.801)	25417	21.9795	22
15	Chloroform	83	2.979	2.972	(0.809)	132072	19.5184	20
20	1,1,1-Trichloroethane	97	3.108	3.101	(0.844)	120375	19.0204	19
59	Cyclohexane	56	3.136	3.136	(0.852)	167974	20.7070	21
21	Carbon Tetrachloride	117	3.237	3.237	(0.879)	99557	17.6942	18
92	1,1-Dichloropropene	75	3.244	3.237	(0.881)	103170	19.5694	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.387	3.380	(0.920)	119865	49.8843	50
28	Benzene	78	3.423	3.416	(0.930)	325691	19.8801	20
17	1,2-Dichloroethane	62	3.451	3.452	(0.938)	90466	19.7263	20
61	Isopropyl Acetate	43	3.545	3.538	(0.963)	376815	43.5070	44
140	tert-Amylmethyl Ether	73	3.545	3.545	(0.963)	223047	20.4544	20
* 69	Fluorobenzene	96	3.681	3.674	(1.000)	698869	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	3.982	3.982	(1.082)	74195	42.1491	42
25	Trichloroethene	95	4.024	4.025	(1.093)	84225	19.5499	20
63	n-Butanol	43	4.075	4.075	(1.107)	94843	1551.21	1600
96	Ethyl Acrylate	85	4.196	4.189	(1.140)	4614	21.6977	22
126	Methyl cyclohexane	83	4.196	4.197	(1.140)	173611	20.6016	21
23	1,2-Dichloropropane	63	4.254	4.254	(1.156)	75985	19.2691	19
109	Dibromomethane	93	4.375	4.368	(1.189)	40312	19.7731	20
95	1,4-Dioxane	88	4.440	4.454	(1.206)	6425	133.005	130
146	Methyl methacrylate	69	4.426	4.426	(1.202)	51132	20.4137	20
64	Propyl Acetate	43	4.512	4.512	(1.226)	106571	20.2714	20
22	Bromodichloromethane	83	4.562	4.555	(1.239)	92998	17.2816	17
30	2-Chloroethyl Vinyl Ether	63	4.934	4.934	(1.341)	37883	19.2952	19
118	Epichlorohydrin	57	4.992	4.984	(1.356)	131657	406.646	410
24	cis-1,3-Dichloropropene	75	5.063	5.063	(1.376)	119150	20.0271	20
33	4-Methyl-2-Pentanone	43	5.292	5.285	(1.438)	71560	20.9735	21

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71640.d
Report Date: 25-Mar-2013 17:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.357	5.357	(0.740)	450107	46.6029	47
	38 Toluene	91	5.436	5.436	(0.751)	363896	19.3205	19
	29 trans-1,3-Dichloropropene	75	5.758	5.758	(0.795)	98989	16.5042	16
	27 1,1,2-Trichloroethane	83	5.973	5.973	(0.825)	50943	19.4291	19
	35 Tetrachloroethene	166	6.102	6.102	(0.843)	107090	19.9123	20
	103 1,3-Dichloropropane	76	6.181	6.181	(0.854)	105744	18.8607	19
	34 2-Hexanone	43	6.360	6.360	(0.878)	49993	19.5167	20
	26 Dibromochloromethane	129	6.460	6.467	(0.892)	66315	17.0156	17
	65 Butyl Acetate	43	6.575	6.575	(0.908)	237998	40.1988	40
	66 1,2-Dibromoethane	107	6.575	6.575	(0.908)	61052	18.5685	18
*	32 Chlorobenzene-d5	117	7.241	7.234	(1.000)	518013	50.0000	
	39 Chlorobenzene	112	7.277	7.277	(1.005)	228948	19.0070	19
	97 1,1,1,2-Tetrachloroethane	131	7.427	7.427	(1.026)	74240	18.6678	19
	40 Ethylbenzene	106	7.477	7.477	(1.033)	126805	18.8312	19
	43 m+p-Xylene	106	7.656	7.656	(1.057)	315414	38.3613	38
	44 o-Xylene	106	8.236	8.229	(1.137)	151795	18.8538	19
	42 Styrene	104	8.272	8.272	(1.142)	260260	19.5028	20
	147 Butyl Acrylate	55	8.344	8.344	(0.765)	146214	20.5764	20
	31 Bromoform	173	8.501	8.509	(1.174)	42153	15.4341	15
	145 Amyl Acetate	43	8.731	8.731	(1.206)	124802	20.0415	20
	110 Isopropylbenzene	105	8.831	8.831	(1.220)	425319	19.2707	19
$	41 Bromofluorobenzene (SUR)	174	9.039	9.039	(0.829)	215752	46.6446	47
	150 Camphene	41	9.160	9.161	(0.840)	41899	20.0053	20
	107 Bromobenzene	156	9.218	9.218	(0.846)	103285	18.8425	19
	36 1,1,2,2-Tetrachloroethane	83	9.375	9.375	(0.860)	78477	18.7619	19
	99 1,2,3-Trichloropropane	110	9.382	9.383	(0.861)	24512	19.3805	19
	143 trans-1,4-Dichloro-2-butene	53	9.468	9.469	(2.572)	21460	19.4619	19
	112 n-Propylbenzene	91	9.490	9.490	(0.871)	511052	19.1676	19
	105 2-Chlorotoluene	91	9.562	9.562	(0.877)	285713	18.9729	19
	161 4-Ethyltoluene	105	9.690	9.691	(2.633)	458686	21.2517	21
	106 4-Chlorotoluene	91	9.748	9.748	(0.894)	296038	18.9121	19
	102 1,3,5-Trimethylbenzene	105	9.805	9.805	(0.899)	344589	18.9361	19
	148 Butyl methacrylate	69	10.106	10.106	(0.927)	129679	21.0205	21
	115 tert-Butylbenzene	119	10.314	10.314	(0.946)	317774	19.0107	19
	100 1,2,4-Trimethylbenzene	105	10.400	10.393	(0.954)	354144	19.1144	19
	114 sec-Butylbenzene	105	10.679	10.679	(0.980)	484826	19.4468	19
	67 1,3-Dichlorobenzene	146	10.772	10.772	(0.988)	208678	19.3352	19
*	91 1,4-Dichlorobenzene-d4	152	10.901	10.901	(1.000)	294843	50.0000	
	68 1,4-Dichlorobenzene	146	10.937	10.937	(1.003)	208712	18.9630	19
	113 p-Isopropyltoluene	119	10.958	10.958	(1.005)	409473	19.1985	19
	117 Benzyl chloride	91	11.202	11.202	(1.028)	148177	16.5280	16
	69 1,2-Dichlorobenzene	146	11.488	11.481	(1.054)	192543	19.0505	19
	162 1,4-Diethylbenzene	119	11.553	11.546	(3.139)	276507	21.6844	22
	111 n-Butylbenzene	91	11.574	11.574	(1.062)	472268	19.6187	20
	101 1,2-Dibromo-3-chloropropane	75	12.455	12.456	(1.143)	16023	17.1856	17
	163 1,2,4,5-Tetramethylbenzene	119	12.470	12.470	(3.388)	417404	21.6183	22
	152 Camphor	95	13.165	13.165	(1.208)	43385	98.1947	98

Data File: /chem/VOAMS12.i/8260L_10/03-09-13/25mar13a.b/o71640.d
Report Date: 25-Mar-2013 17:25

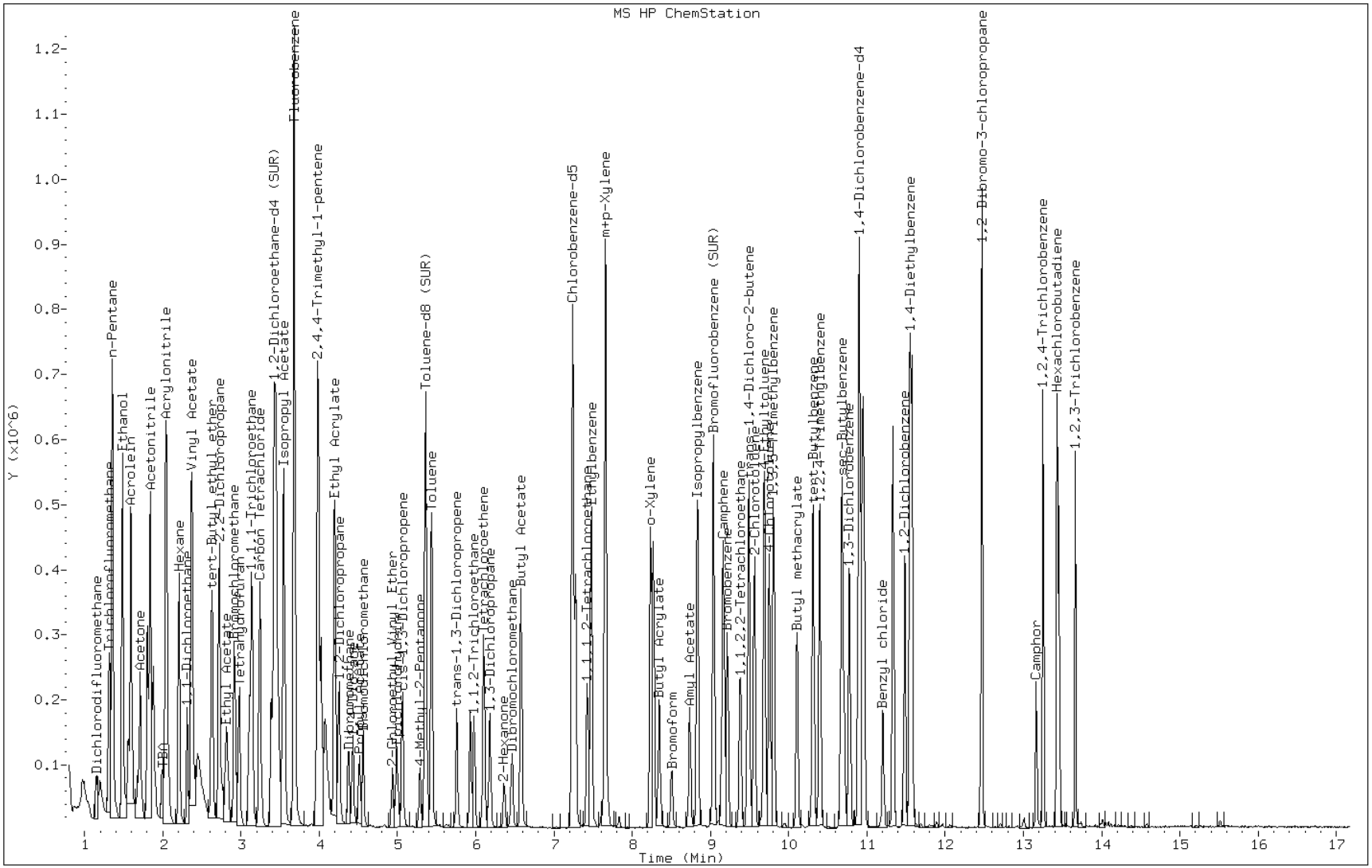
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	93 1,2,4-Trichlorobenzene	180	13.250	13.251	(1.216)	157582	18.9797	19
	94 Hexachlorobutadiene	225	13.430	13.430	(1.232)	108419	19.8984	20
	70 Naphthalene	128	13.451	13.451	(1.234)	288414	18.9380	19
	98 1,2,3-Trichlorobenzene	180	13.666	13.666	(1.254)	141417	19.1695	19
M	14 1,2-Dichloroethene (total)	100				169507	39.3912	39
M	45 Xylene (Total)	100				467210	57.2197	57

Data File: o71640.d

Date: 25-MAR-2013 17:02

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.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52303-A-1-A MS

Matrix: Solid | Lab File ID: b53492.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.043(g) | Date Analyzed: 03/19/2013 10:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 24.3 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1120		130	12
75-34-3	1,1-Dichloroethane	1180		130	17
107-06-2	1,2-Dichloroethane	1190		130	25
71-55-6	1,1,1-Trichloroethane	1180		130	8.2
78-93-3	2-Butanone	1340		660	300
67-64-1	Acetone	1280		660	350
71-43-2	Benzene	1220		130	11
591-78-6	2-Hexanone	1230		660	66
75-25-2	Bromoform	928		130	25
74-83-9	Bromomethane	1010		130	24
75-15-0	Carbon disulfide	951		130	16
56-23-5	Carbon tetrachloride	1160		130	7.5
123-91-1	1,4-Dioxane	7710		6600	4700
108-90-7	Chlorobenzene	1240		130	14
75-00-3	Chloroethane	1090		130	22
67-66-3	Chloroform	1200		130	10
74-87-3	Chloromethane	1190		130	13
108-10-1	4-Methyl-2-pentanone	1290		660	130
156-59-2	cis-1,2-Dichloroethene	1170		130	23
10061-01-5	cis-1,3-Dichloropropene	1170		130	24
95-50-1	1,2-Dichlorobenzene	1270		130	27
110-82-7	Cyclohexane	1330		130	21
541-73-1	1,3-Dichlorobenzene	1270		130	18
106-46-7	1,4-Dichlorobenzene	1280		130	30
120-82-1	1,2,4-Trichlorobenzene	1210		130	45
100-41-4	Ethylbenzene	1260		130	13
87-61-6	1,2,3-Trichlorobenzene	1140		130	67
76-13-1	Freon TF	1160		130	11
78-87-5	1,2-Dichloropropane	1220		130	11
98-82-8	Isopropylbenzene	1340		130	10
79-20-9	Methyl acetate	1150		260	44
108-87-2	Methylcyclohexane	1280		130	18
96-12-8	1,2-Dibromo-3-Chloropropane	1170		130	52
75-09-2	Methylene Chloride	993		130	24
79-34-5	1,1,2,2-Tetrachloroethane	1220		130	21
1634-04-4	MTBE	1190		130	18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52303-A-1-A MS

Matrix: Solid Lab File ID: b53492.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5.043(g) Date Analyzed: 03/19/2013 10:08

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 24.3 Level: (low/med) Medium

Analysis Batch No.: 151692 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1200		130	25
124-48-1	Dibromochloromethane	1070		130	26
100-42-5	Styrene	1250		130	16
106-93-4	1,2-Dibromoethane	1200		130	36
127-18-4	Tetrachloroethene	1260		130	13
75-71-8	Dichlorodifluoromethane	1220		130	28
108-88-3	Toluene	1210		130	20
74-97-5	Bromochloromethane	1130		130	36
156-60-5	trans-1,2-Dichloroethene	1100		130	17
75-27-4	Bromodichloromethane	1110		130	16
10061-02-6	trans-1,3-Dichloropropene	1160		130	32
79-01-6	Trichloroethene	1170		130	12
75-69-4	Trichlorofluoromethane	1070		130	19
75-01-4	Vinyl chloride	1250		130	19
1330-20-7	Xylenes, Total	3790		390	47

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	75		75-135
2037-26-5	Toluene-d8 (Surr)	72		59-150
460-00-4	Bromofluorobenzene	90		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52432-A-18-A MS

Matrix: Solid Lab File ID: b53611.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 7.929(g) Date Analyzed: 03/21/2013 09:26

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.2 Level: (low/med) Medium

Analysis Batch No.: 152022 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	735		74	6.6
75-34-3	1,1-Dichloroethane	660		74	9.7
107-06-2	1,2-Dichloroethane	669		74	14
71-55-6	1,1,1-Trichloroethane	665		74	4.6
78-93-3	2-Butanone	733		370	170
67-64-1	Acetone	547		370	200
71-43-2	Benzene	660		74	6.1
591-78-6	2-Hexanone	693		370	37
75-25-2	Bromoform	556		74	14
74-83-9	Bromomethane	498		74	13
75-15-0	Carbon disulfide	594		74	9.3
56-23-5	Carbon tetrachloride	676		74	4.2
123-91-1	1,4-Dioxane	6460		3700	2700
108-90-7	Chlorobenzene	717		74	8.2
75-00-3	Chloroethane	493		74	13
67-66-3	Chloroform	696		74	5.8
74-87-3	Chloromethane	676		74	7.2
108-10-1	4-Methyl-2-pentanone	681		370	73
156-59-2	cis-1,2-Dichloroethene	688		74	13
10061-01-5	cis-1,3-Dichloropropene	645		74	14
95-50-1	1,2-Dichlorobenzene	737		74	15
110-82-7	Cyclohexane	1130		74	12
541-73-1	1,3-Dichlorobenzene	733		74	10
106-46-7	1,4-Dichlorobenzene	737		74	17
120-82-1	1,2,4-Trichlorobenzene	799		74	25
100-41-4	Ethylbenzene	800		74	7.1
87-61-6	1,2,3-Trichlorobenzene	738		74	38
76-13-1	Freon TF	791		74	6.1
78-87-5	1,2-Dichloropropane	686		74	6.4
98-82-8	Isopropylbenzene	824		74	5.7
79-20-9	Methyl acetate	696		150	25
108-87-2	Methylcyclohexane	1510		74	10
96-12-8	1,2-Dibromo-3-Chloropropane	880		74	30
75-09-2	Methylene Chloride	619		74	14
79-34-5	1,1,2,2-Tetrachloroethane	683		74	12
1634-04-4	MTBE	691		74	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52432-A-18-A MS

Matrix: Solid Lab File ID: b53611.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 7.929(g) Date Analyzed: 03/21/2013 09:26

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.2 Level: (low/med) Medium

Analysis Batch No.: 152022 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	658		74	14
124-48-1	Dibromochloromethane	620		74	15
100-42-5	Styrene	756		74	8.8
106-93-4	1,2-Dibromoethane	691		74	20
127-18-4	Tetrachloroethene	731		74	7.2
75-71-8	Dichlorodifluoromethane	738		74	16
108-88-3	Toluene	678		74	11
74-97-5	Bromochloromethane	698		74	20
156-60-5	trans-1,2-Dichloroethene	629		74	9.6
75-27-4	Bromodichloromethane	640		74	9.3
10061-02-6	trans-1,3-Dichloropropene	654		74	18
79-01-6	Trichloroethene	684		74	6.8
75-69-4	Trichlorofluoromethane	562		74	11
75-01-4	Vinyl chloride	690		74	11
1330-20-7	Xylenes, Total	2230		220	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-135
2037-26-5	Toluene-d8 (Surr)	86		59-150
460-00-4	Bromofluorobenzene	113		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52432-A-20-A MS

Matrix: Solid | Lab File ID: b53549.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 9.973(g) | Date Analyzed: 03/20/2013 08:46

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.1 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	635		60	5.3
75-34-3	1,1-Dichloroethane	556		60	7.8
107-06-2	1,2-Dichloroethane	577		60	11
71-55-6	1,1,1-Trichloroethane	563		60	3.7
78-93-3	2-Butanone	699		300	140
67-64-1	Acetone	521		300	160
71-43-2	Benzene	636		60	4.9
591-78-6	2-Hexanone	691		300	30
75-25-2	Bromoform	460		60	11
74-83-9	Bromomethane	441		60	11
75-15-0	Carbon disulfide	464		60	7.5
56-23-5	Carbon tetrachloride	534		60	3.4
123-91-1	1,4-Dioxane	4990		3000	2200
108-90-7	Chlorobenzene	614		60	6.6
75-00-3	Chloroethane	438		60	10
67-66-3	Chloroform	574		60	4.7
74-87-3	Chloromethane	570		60	5.8
108-10-1	4-Methyl-2-pentanone	590		300	59
156-59-2	cis-1,2-Dichloroethene	556		60	11
10061-01-5	cis-1,3-Dichloropropene	553		60	11
95-50-1	1,2-Dichlorobenzene	615		60	12
110-82-7	Cyclohexane	7860		60	9.5
541-73-1	1,3-Dichlorobenzene	621		60	8.1
106-46-7	1,4-Dichlorobenzene	635		60	14
120-82-1	1,2,4-Trichlorobenzene	761		60	20
100-41-4	Ethylbenzene	10800		60	5.7
87-61-6	1,2,3-Trichlorobenzene	674		60	31
76-13-1	Freon TF	699		60	4.9
78-87-5	1,2-Dichloropropane	622		60	5.1
98-82-8	Isopropylbenzene	1400		60	4.6
79-20-9	Methyl acetate	4370		120	20
108-87-2	Methylcyclohexane	12000		60	8.1
96-12-8	1,2-Dibromo-3-Chloropropane	665		60	24
75-09-2	Methylene Chloride	696		60	11
79-34-5	1,1,2,2-Tetrachloroethane	649		60	9.4
1634-04-4	MTBE	594		60	8.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52432-A-20-A MS

Matrix: Solid Lab File ID: b53549.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 9.973(g) Date Analyzed: 03/20/2013 08:46

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.1 Level: (low/med) Medium

Analysis Batch No.: 151869 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	658		60	11
124-48-1	Dibromochloromethane	520		60	12
100-42-5	Styrene	654		60	7.1
106-93-4	1,2-Dibromoethane	605		60	16
127-18-4	Tetrachloroethene	681		60	5.8
75-71-8	Dichlorodifluoromethane	611		60	13
108-88-3	Toluene	657		60	8.9
74-97-5	Bromochloromethane	568		60	16
156-60-5	trans-1,2-Dichloroethene	512		60	7.7
75-27-4	Bromodichloromethane	557		60	7.5
10061-02-6	trans-1,3-Dichloropropene	572		60	15
79-01-6	Trichloroethene	617		60	5.5
75-69-4	Trichlorofluoromethane	413		60	8.7
75-01-4	Vinyl chloride	588		60	8.6
1330-20-7	Xylenes, Total	3400		180	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-135
2037-26-5	Toluene-d8 (Surr)	74		59-150
460-00-4	Bromofluorobenzene	97		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52448-A-3 MS

Matrix: Water | Lab File ID: k11022.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/20/2013 16:58

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 151859 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	141		10	0.90
75-34-3	1,1-Dichloroethane	184		10	1.3
107-06-2	1,2-Dichloroethane	207		10	1.9
71-55-6	1,1,1-Trichloroethane	208		10	0.60
78-93-3	2-Butanone	191		50	23
67-64-1	Acetone	248		50	27
71-43-2	Benzene	239		10	0.80
591-78-6	2-Hexanone	200		50	5.0
75-25-2	Bromoform	196		10	1.9
74-83-9	Bromomethane	231		10	1.8
75-15-0	Carbon disulfide	135		10	1.3
56-23-5	Carbon tetrachloride	212		10	0.60
123-91-1	1,4-Dioxane	1210		500	360
108-90-7	Chlorobenzene	182		10	1.1
75-00-3	Chloroethane	199		10	1.7
67-66-3	Chloroform	204		10	0.80
74-87-3	Chloromethane	193		10	1.0
108-10-1	4-Methyl-2-pentanone	196		50	9.9
156-59-2	cis-1,2-Dichloroethene	171		10	1.8
10061-01-5	cis-1,3-Dichloropropene	179		10	1.8
95-50-1	1,2-Dichlorobenzene	188		10	2.1
110-82-7	Cyclohexane	141		10	1.6
541-73-1	1,3-Dichlorobenzene	181		10	1.4
106-46-7	1,4-Dichlorobenzene	185		10	2.3
120-82-1	1,2,4-Trichlorobenzene	181		10	3.4
100-41-4	Ethylbenzene	287		10	1.0
87-61-6	1,2,3-Trichlorobenzene	169		10	5.1
76-13-1	Freon TF	125		10	0.80
78-87-5	1,2-Dichloropropane	177		10	0.90
98-82-8	Isopropylbenzene	298		10	0.80
79-20-9	Methyl acetate	189		20	3.4
108-87-2	Methylcyclohexane	135		10	1.4
96-12-8	1,2-Dibromo-3-Chloropropane	210		10	4.0
75-09-2	Methylene Chloride	172		10	1.8
79-34-5	1,1,2,2-Tetrachloroethane	188		10	1.6
1634-04-4	MTBE	187		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52448-A-3 MS

Matrix: Water | Lab File ID: k11022.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/20/2013 16:58

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 151859 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	183		10	1.9
124-48-1	Dibromochloromethane	199		10	2.0
100-42-5	Styrene	165		10	1.2
106-93-4	1,2-Dibromoethane	181		10	2.8
127-18-4	Tetrachloroethene	184		10	1.0
75-71-8	Dichlorodifluoromethane	203		10	2.2
108-88-3	Toluene	188		10	1.5
74-97-5	Bromochloromethane	168		10	2.7
156-60-5	trans-1,2-Dichloroethene	162		10	1.3
75-27-4	Bromodichloromethane	200		10	1.2
10061-02-6	trans-1,3-Dichloropropene	186		10	2.4
79-01-6	Trichloroethene	185		10	0.90
75-69-4	Trichlorofluoromethane	197		10	1.5
75-01-4	Vinyl chloride	202		10	1.4
1330-20-7	Xylenes, Total	656		30	3.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52683-B-4-A MS

Matrix: Solid Lab File ID: b53638.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 4.06(g) Date Analyzed: 03/22/2013 03:55

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.1 Level: (low/med) Medium

Analysis Batch No.: 152224 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1780		280	25
75-34-3	1,1-Dichloroethane	2430		280	37
107-06-2	1,2-Dichloroethane	2530		280	54
71-55-6	1,1,1-Trichloroethane	2970		280	18
78-93-3	2-Butanone	2670		1400	660
67-64-1	Acetone	1700		1400	760
71-43-2	Benzene	2480		280	23
591-78-6	2-Hexanone	2540		1400	140
75-25-2	Bromoform	2140		280	54
74-83-9	Bromomethane	1650		280	51
75-15-0	Carbon disulfide	1980		280	36
56-23-5	Carbon tetrachloride	2400		280	16
123-91-1	1,4-Dioxane	17400		14000	10000
108-90-7	Chlorobenzene	3370		280	31
75-00-3	Chloroethane	1560		280	48
67-66-3	Chloroform	2610		280	22
74-87-3	Chloromethane	2340		280	27
108-10-1	4-Methyl-2-pentanone	2500		1400	280
156-59-2	cis-1,2-Dichloroethene	2980		280	50
10061-01-5	cis-1,3-Dichloropropene	2400		280	52
95-50-1	1,2-Dichlorobenzene	5200		280	58
110-82-7	Cyclohexane	2600		280	45
541-73-1	1,3-Dichlorobenzene	2870		280	38
106-46-7	1,4-Dichlorobenzene	3200		280	66
120-82-1	1,2,4-Trichlorobenzene	2820		280	97
100-41-4	Ethylbenzene	2770		280	27
87-61-6	1,2,3-Trichlorobenzene	2480		280	140
76-13-1	Freon TF	2400		280	23
78-87-5	1,2-Dichloropropane	2580		280	24
98-82-8	Isopropylbenzene	2890		280	22
79-20-9	Methyl acetate	2190		570	95
108-87-2	Methylcyclohexane	2440		280	38
96-12-8	1,2-Dibromo-3-Chloropropane	2850		280	110
75-09-2	Methylene Chloride	2400		280	52
79-34-5	1,1,2,2-Tetrachloroethane	2580		280	45
1634-04-4	MTBE	2600		280	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52683-B-4-A MS

Matrix: Solid | Lab File ID: b53638.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 4.06(g) | Date Analyzed: 03/22/2013 03:55

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.1 | Level: (low/med) Medium

Analysis Batch No.: 152224 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	4280		280	53
124-48-1	Dibromochloromethane	2340		280	57
100-42-5	Styrene	2770		280	34
106-93-4	1,2-Dibromoethane	2590		280	78
127-18-4	Tetrachloroethene	98800		280	28
75-71-8	Dichlorodifluoromethane	2140		280	61
108-88-3	Toluene	2620		280	42
74-97-5	Bromochloromethane	2610		280	77
156-60-5	trans-1,2-Dichloroethene	2320		280	36
75-27-4	Bromodichloromethane	2430		280	35
10061-02-6	trans-1,3-Dichloropropene	2360		280	69
79-01-6	Trichloroethene	3440		280	26
75-69-4	Trichlorofluoromethane	1710		280	41
75-01-4	Vinyl chloride	2410		280	41
1330-20-7	Xylenes, Total	8210		850	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	92		59-150
460-00-4	Bromofluorobenzene	101		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52802-A-2-A MS

Matrix: Solid Lab File ID: b53773.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 7.234(g) Date Analyzed: 03/25/2013 07:27

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.8 Level: (low/med) Medium

Analysis Batch No.: 152550 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	668		77	6.9
75-34-3	1,1-Dichloroethane	673		77	10
107-06-2	1,2-Dichloroethane	675		77	15
71-55-6	1,1,1-Trichloroethane	719		77	4.8
78-93-3	2-Butanone	713		390	180
67-64-1	Acetone	628		390	210
71-43-2	Benzene	647		77	6.4
591-78-6	2-Hexanone	552		390	39
75-25-2	Bromoform	602		77	15
74-83-9	Bromomethane	512		77	14
75-15-0	Carbon disulfide	546		77	9.7
56-23-5	Carbon tetrachloride	714		77	4.4
123-91-1	1,4-Dioxane	6160		3900	2800
108-90-7	Chlorobenzene	766		77	8.5
75-00-3	Chloroethane	394		77	13
67-66-3	Chloroform	723		77	6.1
74-87-3	Chloromethane	644		77	7.5
108-10-1	4-Methyl-2-pentanone	597		390	76
156-59-2	cis-1,2-Dichloroethene	726		77	14
10061-01-5	cis-1,3-Dichloropropene	635		77	14
95-50-1	1,2-Dichlorobenzene	772		77	16
110-82-7	Cyclohexane	764		77	12
541-73-1	1,3-Dichlorobenzene	771		77	10
106-46-7	1,4-Dichlorobenzene	769		77	18
120-82-1	1,2,4-Trichlorobenzene	841		77	27
100-41-4	Ethylbenzene	788		77	7.4
87-61-6	1,2,3-Trichlorobenzene	867		77	40
76-13-1	Freon TF	734		77	6.4
78-87-5	1,2-Dichloropropane	715		77	6.7
98-82-8	Isopropylbenzene	826		77	5.9
79-20-9	Methyl acetate	630		150	26
108-87-2	Methylcyclohexane	764		77	10
96-12-8	1,2-Dibromo-3-Chloropropane	682		77	31
75-09-2	Methylene Chloride	614		77	14
79-34-5	1,1,2,2-Tetrachloroethane	649		77	12
1634-04-4	MTBE	705		77	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52802-A-2-A MS

Matrix: Solid Lab File ID: b53773.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 7.234(g) Date Analyzed: 03/25/2013 07:27

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.8 Level: (low/med) Medium

Analysis Batch No.: 152550 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	675		77	15
124-48-1	Dibromochloromethane	637		77	15
100-42-5	Styrene	790		77	9.2
106-93-4	1,2-Dibromoethane	693		77	21
127-18-4	Tetrachloroethene	801		77	7.5
75-71-8	Dichlorodifluoromethane	623		77	17
108-88-3	Toluene	692		77	12
74-97-5	Bromochloromethane	740		77	21
156-60-5	trans-1,2-Dichloroethene	649		77	10
75-27-4	Bromodichloromethane	673		77	9.7
10061-02-6	trans-1,3-Dichloropropene	628		77	19
79-01-6	Trichloroethene	734		77	7.1
75-69-4	Trichlorofluoromethane	546		77	11
75-01-4	Vinyl chloride	682		77	11
1330-20-7	Xylenes, Total	2400		230	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-135
2037-26-5	Toluene-d8 (Surr)	88		59-150
460-00-4	Bromofluorobenzene	106		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52303-A-1-A MSD

Matrix: Solid | Lab File ID: b53493.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.043(g) | Date Analyzed: 03/19/2013 10:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 24.3 | Level: (low/med) Medium

Analysis Batch No.: 151692 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	1230		130	12
75-34-3	1,1-Dichloroethane	1270		130	17
107-06-2	1,2-Dichloroethane	1290		130	25
71-55-6	1,1,1-Trichloroethane	1280		130	8.2
78-93-3	2-Butanone	1590		660	300
67-64-1	Acetone	1400		660	350
71-43-2	Benzene	1330		130	11
591-78-6	2-Hexanone	1410		660	66
75-25-2	Bromoform	1020		130	25
74-83-9	Bromomethane	1350		130	24
75-15-0	Carbon disulfide	1090		130	16
56-23-5	Carbon tetrachloride	1290		130	7.5
123-91-1	1,4-Dioxane	5880	J	6600	4700
108-90-7	Chlorobenzene	1350		130	14
75-00-3	Chloroethane	1200		130	22
67-66-3	Chloroform	1340		130	10
74-87-3	Chloromethane	1280		130	13
108-10-1	4-Methyl-2-pentanone	1380		660	130
156-59-2	cis-1,2-Dichloroethene	1300		130	23
10061-01-5	cis-1,3-Dichloropropene	1290		130	24
95-50-1	1,2-Dichlorobenzene	1370		130	27
110-82-7	Cyclohexane	1470		130	21
541-73-1	1,3-Dichlorobenzene	1350		130	18
106-46-7	1,4-Dichlorobenzene	1390		130	30
120-82-1	1,2,4-Trichlorobenzene	1360		130	45
100-41-4	Ethylbenzene	1380		130	13
87-61-6	1,2,3-Trichlorobenzene	1300		130	67
76-13-1	Freon TF	1680		130	11
78-87-5	1,2-Dichloropropane	1330		130	11
98-82-8	Isopropylbenzene	1450		130	10
79-20-9	Methyl acetate	1360		260	44
108-87-2	Methylcyclohexane	1430		130	18
96-12-8	1,2-Dibromo-3-Chloropropane	1250		130	52
75-09-2	Methylene Chloride	1200		130	24
79-34-5	1,1,2,2-Tetrachloroethane	1310		130	21
1634-04-4	MTBE	1350		130	18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52303-A-1-A MSD

Matrix: Solid Lab File ID: b53493.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5.043(g) Date Analyzed: 03/19/2013 10:30

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 24.3 Level: (low/med) Medium

Analysis Batch No.: 151692 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1310		130	25
124-48-1	Dibromochloromethane	1200		130	26
100-42-5	Styrene	1370		130	16
106-93-4	1,2-Dibromoethane	1330		130	36
127-18-4	Tetrachloroethene	1370		130	13
75-71-8	Dichlorodifluoromethane	1350		130	28
108-88-3	Toluene	1310		130	20
74-97-5	Bromochloromethane	1280		130	36
156-60-5	trans-1,2-Dichloroethene	1210		130	17
75-27-4	Bromodichloromethane	1250		130	16
10061-02-6	trans-1,3-Dichloropropene	1300		130	32
79-01-6	Trichloroethene	1280		130	12
75-69-4	Trichlorofluoromethane	1240		130	19
75-01-4	Vinyl chloride	1340		130	19
1330-20-7	Xylenes, Total	4090		390	47

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		75-135
2037-26-5	Toluene-d8 (Surr)	73		59-150
460-00-4	Bromofluorobenzene	90		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52432-A-18-A MSD

Matrix: Solid Lab File ID: b53612.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 7.929(g) Date Analyzed: 03/21/2013 09:48

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.2 Level: (low/med) Medium

Analysis Batch No.: 152022 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	633		74	6.6
75-34-3	1,1-Dichloroethane	634		74	9.7
107-06-2	1,2-Dichloroethane	639		74	14
71-55-6	1,1,1-Trichloroethane	650		74	4.6
78-93-3	2-Butanone	730		370	170
67-64-1	Acetone	590		370	200
71-43-2	Benzene	636		74	6.1
591-78-6	2-Hexanone	632		370	37
75-25-2	Bromoform	531		74	14
74-83-9	Bromomethane	536		74	13
75-15-0	Carbon disulfide	528		74	9.3
56-23-5	Carbon tetrachloride	639		74	4.2
123-91-1	1,4-Dioxane	5650		3700	2700
108-90-7	Chlorobenzene	705		74	8.2
75-00-3	Chloroethane	569		74	13
67-66-3	Chloroform	657		74	5.8
74-87-3	Chloromethane	654		74	7.2
108-10-1	4-Methyl-2-pentanone	625		370	73
156-59-2	cis-1,2-Dichloroethene	671		74	13
10061-01-5	cis-1,3-Dichloropropene	627		74	14
95-50-1	1,2-Dichlorobenzene	698		74	15
110-82-7	Cyclohexane	1120		74	12
541-73-1	1,3-Dichlorobenzene	704		74	10
106-46-7	1,4-Dichlorobenzene	710		74	17
120-82-1	1,2,4-Trichlorobenzene	734		74	25
100-41-4	Ethylbenzene	770		74	7.1
87-61-6	1,2,3-Trichlorobenzene	702		74	38
76-13-1	Freon TF	608		74	6.1
78-87-5	1,2-Dichloropropane	644		74	6.4
98-82-8	Isopropylbenzene	798		74	5.7
79-20-9	Methyl acetate	821		150	25
108-87-2	Methylcyclohexane	1490		74	10
96-12-8	1,2-Dibromo-3-Chloropropane	809		74	30
75-09-2	Methylene Chloride	545		74	14
79-34-5	1,1,2,2-Tetrachloroethane	638		74	12
1634-04-4	MTBE	650		74	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52432-A-18-A MSD

Matrix: Solid Lab File ID: b53612.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 7.929(g) Date Analyzed: 03/21/2013 09:48

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.2 Level: (low/med) Medium

Analysis Batch No.: 152022 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	629		74	14
124-48-1	Dibromochloromethane	605		74	15
100-42-5	Styrene	714		74	8.8
106-93-4	1,2-Dibromoethane	681		74	20
127-18-4	Tetrachloroethene	722		74	7.2
75-71-8	Dichlorodifluoromethane	655		74	16
108-88-3	Toluene	656		74	11
74-97-5	Bromochloromethane	640		74	20
156-60-5	trans-1,2-Dichloroethene	608		74	9.6
75-27-4	Bromodichloromethane	614		74	9.3
10061-02-6	trans-1,3-Dichloropropene	627		74	18
79-01-6	Trichloroethene	658		74	6.8
75-69-4	Trichlorofluoromethane	514		74	11
75-01-4	Vinyl chloride	704		74	11
1330-20-7	Xylenes, Total	2110		220	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	112		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52432-A-20-A MSD

Matrix: Solid | Lab File ID: b53550.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 9.973(g) | Date Analyzed: 03/20/2013 09:09

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.1 | Level: (low/med) Medium

Analysis Batch No.: 151869 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	586		60	5.3
75-34-3	1,1-Dichloroethane	556		60	7.8
107-06-2	1,2-Dichloroethane	539		60	11
71-55-6	1,1,1-Trichloroethane	538		60	3.7
78-93-3	2-Butanone	606		300	140
67-64-1	Acetone	387		300	160
71-43-2	Benzene	609		60	4.9
591-78-6	2-Hexanone	638		300	30
75-25-2	Bromoform	432		60	11
74-83-9	Bromomethane	412		60	11
75-15-0	Carbon disulfide	463		60	7.5
56-23-5	Carbon tetrachloride	521		60	3.4
123-91-1	1,4-Dioxane	4930		3000	2200
108-90-7	Chlorobenzene	576		60	6.6
75-00-3	Chloroethane	428		60	10
67-66-3	Chloroform	541		60	4.7
74-87-3	Chloromethane	529		60	5.8
108-10-1	4-Methyl-2-pentanone	549		300	59
156-59-2	cis-1,2-Dichloroethene	556		60	11
10061-01-5	cis-1,3-Dichloropropene	523		60	11
95-50-1	1,2-Dichlorobenzene	586		60	12
110-82-7	Cyclohexane	7750		60	9.5
541-73-1	1,3-Dichlorobenzene	587		60	8.1
106-46-7	1,4-Dichlorobenzene	598		60	14
120-82-1	1,2,4-Trichlorobenzene	655		60	20
100-41-4	Ethylbenzene	10500		60	5.7
87-61-6	1,2,3-Trichlorobenzene	619		60	31
76-13-1	Freon TF	612		60	4.9
78-87-5	1,2-Dichloropropane	583		60	5.1
98-82-8	Isopropylbenzene	1370		60	4.6
79-20-9	Methyl acetate	4300		120	20
108-87-2	Methylcyclohexane	11900		60	8.1
96-12-8	1,2-Dibromo-3-Chloropropane	645		60	24
75-09-2	Methylene Chloride	682		60	11
79-34-5	1,1,2,2-Tetrachloroethane	617		60	9.4
1634-04-4	MTBE	548		60	8.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52432-A-20-A MSD

Matrix: Solid Lab File ID: b53550.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 9.973(g) Date Analyzed: 03/20/2013 09:09

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.1 Level: (low/med) Medium

Analysis Batch No.: 151869 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	612		60	11
124-48-1	Dibromochloromethane	492		60	12
100-42-5	Styrene	610		60	7.1
106-93-4	1,2-Dibromoethane	562		60	16
127-18-4	Tetrachloroethene	649		60	5.8
75-71-8	Dichlorodifluoromethane	546		60	13
108-88-3	Toluene	625		60	8.9
74-97-5	Bromochloromethane	540		60	16
156-60-5	trans-1,2-Dichloroethene	516		60	7.7
75-27-4	Bromodichloromethane	522		60	7.5
10061-02-6	trans-1,3-Dichloropropene	537		60	15
79-01-6	Trichloroethene	580		60	5.5
75-69-4	Trichlorofluoromethane	439		60	8.7
75-01-4	Vinyl chloride	554		60	8.6
1330-20-7	Xylenes, Total	3260		180	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		75-135
2037-26-5	Toluene-d8 (Surr)	74		59-150
460-00-4	Bromofluorobenzene	95		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52448-A-3 MSD

Matrix: Water Lab File ID: k11023.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/20/2013 17:21

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 151859 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	139		10	0.90
75-34-3	1,1-Dichloroethane	182		10	1.3
107-06-2	1,2-Dichloroethane	203		10	1.9
71-55-6	1,1,1-Trichloroethane	205		10	0.60
78-93-3	2-Butanone	182		50	23
67-64-1	Acetone	216		50	27
71-43-2	Benzene	234		10	0.80
591-78-6	2-Hexanone	199		50	5.0
75-25-2	Bromoform	191		10	1.9
74-83-9	Bromomethane	222		10	1.8
75-15-0	Carbon disulfide	130		10	1.3
56-23-5	Carbon tetrachloride	209		10	0.60
123-91-1	1,4-Dioxane	1330		500	360
108-90-7	Chlorobenzene	178		10	1.1
75-00-3	Chloroethane	192		10	1.7
67-66-3	Chloroform	198		10	0.80
74-87-3	Chloromethane	190		10	1.0
108-10-1	4-Methyl-2-pentanone	200		50	9.9
156-59-2	cis-1,2-Dichloroethene	169		10	1.8
10061-01-5	cis-1,3-Dichloropropene	176		10	1.8
95-50-1	1,2-Dichlorobenzene	188		10	2.1
110-82-7	Cyclohexane	130		10	1.6
541-73-1	1,3-Dichlorobenzene	183		10	1.4
106-46-7	1,4-Dichlorobenzene	184		10	2.3
120-82-1	1,2,4-Trichlorobenzene	186		10	3.4
100-41-4	Ethylbenzene	282		10	1.0
87-61-6	1,2,3-Trichlorobenzene	180		10	5.1
76-13-1	Freon TF	125		10	0.80
78-87-5	1,2-Dichloropropane	175		10	0.90
98-82-8	Isopropylbenzene	296		10	0.80
79-20-9	Methyl acetate	185		20	3.4
108-87-2	Methylcyclohexane	128		10	1.4
96-12-8	1,2-Dibromo-3-Chloropropane	213		10	4.0
75-09-2	Methylene Chloride	168		10	1.8
79-34-5	1,1,2,2-Tetrachloroethane	188		10	1.6
1634-04-4	MTBE	186		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52448-A-3 MSD

Matrix: Water Lab File ID: k11023.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/20/2013 17:21

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 151859 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	182		10	1.9
124-48-1	Dibromochloromethane	193		10	2.0
100-42-5	Styrene	164		10	1.2
106-93-4	1,2-Dibromoethane	184		10	2.8
127-18-4	Tetrachloroethene	175		10	1.0
75-71-8	Dichlorodifluoromethane	192		10	2.2
108-88-3	Toluene	185		10	1.5
74-97-5	Bromochloromethane	167		10	2.7
156-60-5	trans-1,2-Dichloroethene	164		10	1.3
75-27-4	Bromodichloromethane	200		10	1.2
10061-02-6	trans-1,3-Dichloropropene	188		10	2.4
79-01-6	Trichloroethene	178		10	0.90
75-69-4	Trichlorofluoromethane	184		10	1.5
75-01-4	Vinyl chloride	194		10	1.4
1330-20-7	Xylenes, Total	651		30	3.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52683-B-4-A MSD

Matrix: Solid | Lab File ID: b53639.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 4.06(g) | Date Analyzed: 03/22/2013 04:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.1 | Level: (low/med) Medium

Analysis Batch No.: 152224 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	2240		280	25
75-34-3	1,1-Dichloroethane	2530		280	37
107-06-2	1,2-Dichloroethane	2500		280	54
71-55-6	1,1,1-Trichloroethane	3100		280	18
78-93-3	2-Butanone	2650		1400	660
67-64-1	Acetone	2000		1400	760
71-43-2	Benzene	2480		280	23
591-78-6	2-Hexanone	2570		1400	140
75-25-2	Bromoform	2180		280	54
74-83-9	Bromomethane	1630		280	51
75-15-0	Carbon disulfide	2110		280	36
56-23-5	Carbon tetrachloride	2510		280	16
123-91-1	1,4-Dioxane	19500		14000	10000
108-90-7	Chlorobenzene	3400		280	31
75-00-3	Chloroethane	1880		280	48
67-66-3	Chloroform	2630		280	22
74-87-3	Chloromethane	2360		280	27
108-10-1	4-Methyl-2-pentanone	2540		1400	280
156-59-2	cis-1,2-Dichloroethene	3090		280	50
10061-01-5	cis-1,3-Dichloropropene	2390		280	52
95-50-1	1,2-Dichlorobenzene	5080		280	58
110-82-7	Cyclohexane	2660		280	45
541-73-1	1,3-Dichlorobenzene	2890		280	38
106-46-7	1,4-Dichlorobenzene	3190		280	66
120-82-1	1,2,4-Trichlorobenzene	2850		280	97
100-41-4	Ethylbenzene	2790		280	27
87-61-6	1,2,3-Trichlorobenzene	2500		280	140
76-13-1	Freon TF	2190		280	23
78-87-5	1,2-Dichloropropane	2630		280	24
98-82-8	Isopropylbenzene	2960		280	22
79-20-9	Methyl acetate	2290		570	95
108-87-2	Methylcyclohexane	2620		280	38
96-12-8	1,2-Dibromo-3-Chloropropane	2880		280	110
75-09-2	Methylene Chloride	2530		280	52
79-34-5	1,1,2,2-Tetrachloroethane	2550		280	45
1634-04-4	MTBE	2600		280	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52683-B-4-A MSD

Matrix: Solid Lab File ID: b53639.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 4.06(g) Date Analyzed: 03/22/2013 04:17

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.1 Level: (low/med) Medium

Analysis Batch No.: 152224 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	4410		280	53
124-48-1	Dibromochloromethane	2390		280	57
100-42-5	Styrene	2820		280	34
106-93-4	1,2-Dibromoethane	2640		280	78
127-18-4	Tetrachloroethene	101000		280	28
75-71-8	Dichlorodifluoromethane	2300		280	61
108-88-3	Toluene	2670		280	42
74-97-5	Bromochloromethane	2570		280	77
156-60-5	trans-1,2-Dichloroethene	2310		280	36
75-27-4	Bromodichloromethane	2460		280	35
10061-02-6	trans-1,3-Dichloropropene	2420		280	69
79-01-6	Trichloroethene	3550		280	26
75-69-4	Trichlorofluoromethane	1870		280	41
75-01-4	Vinyl chloride	2430		280	41
1330-20-7	Xylenes, Total	8470		850	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-135
2037-26-5	Toluene-d8 (Surr)	94		59-150
460-00-4	Bromofluorobenzene	101		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52802-A-2-A MSD

Matrix: Solid | Lab File ID: b53774.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 7.234(g) | Date Analyzed: 03/25/2013 07:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.8 | Level: (low/med) Medium

Analysis Batch No.: 152550 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	802		77	6.9
75-34-3	1,1-Dichloroethane	678		77	10
107-06-2	1,2-Dichloroethane	686		77	15
71-55-6	1,1,1-Trichloroethane	720		77	4.8
78-93-3	2-Butanone	717		390	180
67-64-1	Acetone	581		390	210
71-43-2	Benzene	650		77	6.4
591-78-6	2-Hexanone	566		390	39
75-25-2	Bromoform	602		77	15
74-83-9	Bromomethane	543		77	14
75-15-0	Carbon disulfide	539		77	9.7
56-23-5	Carbon tetrachloride	699		77	4.4
123-91-1	1,4-Dioxane	5910		3900	2800
108-90-7	Chlorobenzene	768		77	8.5
75-00-3	Chloroethane	586		77	13
67-66-3	Chloroform	716		77	6.1
74-87-3	Chloromethane	625		77	7.5
108-10-1	4-Methyl-2-pentanone	629		390	76
156-59-2	cis-1,2-Dichloroethene	724		77	14
10061-01-5	cis-1,3-Dichloropropene	641		77	14
95-50-1	1,2-Dichlorobenzene	773		77	16
110-82-7	Cyclohexane	758		77	12
541-73-1	1,3-Dichlorobenzene	762		77	10
106-46-7	1,4-Dichlorobenzene	778		77	18
120-82-1	1,2,4-Trichlorobenzene	848		77	27
100-41-4	Ethylbenzene	779		77	7.4
87-61-6	1,2,3-Trichlorobenzene	849		77	40
76-13-1	Freon TF	961		77	6.4
78-87-5	1,2-Dichloropropane	710		77	6.7
98-82-8	Isopropylbenzene	824		77	5.9
79-20-9	Methyl acetate	602		150	26
108-87-2	Methylcyclohexane	768		77	10
96-12-8	1,2-Dibromo-3-Chloropropane	711		77	31
75-09-2	Methylene Chloride	639		77	14
79-34-5	1,1,2,2-Tetrachloroethane	663		77	12
1634-04-4	MTBE	708		77	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52802-A-2-A MSD

Matrix: Solid Lab File ID: b53774.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 7.234(g) Date Analyzed: 03/25/2013 07:50

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.8 Level: (low/med) Medium

Analysis Batch No.: 152550 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	675		77	15
124-48-1	Dibromochloromethane	653		77	15
100-42-5	Styrene	784		77	9.2
106-93-4	1,2-Dibromoethane	721		77	21
127-18-4	Tetrachloroethene	781		77	7.5
75-71-8	Dichlorodifluoromethane	652		77	17
108-88-3	Toluene	683		77	12
74-97-5	Bromochloromethane	729		77	21
156-60-5	trans-1,2-Dichloroethene	684		77	10
75-27-4	Bromodichloromethane	668		77	9.7
10061-02-6	trans-1,3-Dichloropropene	635		77	19
79-01-6	Trichloroethene	726		77	7.1
75-69-4	Trichlorofluoromethane	567		77	11
75-01-4	Vinyl chloride	688		77	11
1330-20-7	Xylenes, Total	2400		230	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	101		72-133

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/09/2013 04:50

Analysis Batch Number: 150399 End Date: 03/09/2013 16:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-150399/1		03/09/2013 04:50	1	o70911.d	DB-624 0.18(mm)
ICIS 460-150399/2		03/09/2013 06:12	1	o70913.d	DB-624 0.18(mm)
IC 460-150399/3		03/09/2013 06:50	1	o70914.d	DB-624 0.18(mm)
IC 460-150399/4		03/09/2013 07:39	1	o70916.d	DB-624 0.18(mm)
IC 460-150399/5		03/09/2013 08:04	1	o70917.d	DB-624 0.18(mm)
IC 460-150399/6		03/09/2013 08:29	1	o70918.d	DB-624 0.18(mm)
IC 460-150399/7		03/09/2013 08:54	1	o70919.d	DB-624 0.18(mm)
ICV 460-150399/8		03/09/2013 10:33	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 10:33	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 10:58	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 12:00	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 12:24	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 12:49	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 13:14	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 13:39	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 14:29	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 14:54	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 15:43	1		DB-624 0.18(mm)
ZZZZZ		03/09/2013 16:08	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/25/2013 15:49

Analysis Batch Number: 152683 End Date: 03/26/2013 02:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-152683/1		03/25/2013 15:49	1	o71637.d	DB-624 0.18(mm)
CCVIS 460-152683/2		03/25/2013 16:12	1	o71638.d	DB-624 0.18(mm)
LCS 460-152683/3		03/25/2013 16:37	1	o71639.d	DB-624 0.18(mm)
LCSD 460-152683/4		03/25/2013 17:02	1	o71640.d	DB-624 0.18(mm)
MB 460-152683/5		03/25/2013 18:02	1	o71642.d	DB-624 0.18(mm)
ZZZZZ		03/25/2013 18:27	1		DB-624 0.18(mm)
ZZZZZ		03/25/2013 18:52	1		DB-624 0.18(mm)
ZZZZZ		03/25/2013 19:17	1		DB-624 0.18(mm)
ZZZZZ		03/25/2013 19:42	1		DB-624 0.18(mm)
460-52450-37	PMP-15-NE-VD	03/25/2013 20:07	1	o71647.d	DB-624 0.18(mm)
460-52450-38	PMP-15-NE-WT	03/25/2013 20:32	1	o71648.d	DB-624 0.18(mm)
460-52450-44	PMP-28-NE-SD	03/25/2013 20:57	1	o71649.d	DB-624 0.18(mm)
460-52450-42	PMP-28-NE-WT	03/25/2013 21:22	1	o71650.d	DB-624 0.18(mm)
ZZZZZ		03/25/2013 21:47	1		DB-624 0.18(mm)
ZZZZZ		03/25/2013 23:02	1		DB-624 0.18(mm)
ZZZZZ		03/25/2013 23:27	1		DB-624 0.18(mm)
ZZZZZ		03/25/2013 23:52	1		DB-624 0.18(mm)
ZZZZZ		03/26/2013 00:17	1		DB-624 0.18(mm)
ZZZZZ		03/26/2013 00:42	1		DB-624 0.18(mm)
ZZZZZ		03/26/2013 01:07	1		DB-624 0.18(mm)
ZZZZZ		03/26/2013 01:56	1		DB-624 0.18(mm)
ZZZZZ		03/26/2013 02:21	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 03/16/2013 18:46

Analysis Batch Number: 151555 End Date: 03/17/2013 05:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-151555/1		03/16/2013 18:46	1	b53389.d	Rtx-624 0.25(mm)
ICIS 460-151555/2		03/16/2013 19:34	1	b53391.d	Rtx-624 0.25(mm)
IC 460-151555/3		03/16/2013 20:45	1	b53394.d	Rtx-624 0.25(mm)
IC 460-151555/4		03/16/2013 21:31	1	b53396.d	Rtx-624 0.25(mm)
IC 460-151555/5		03/16/2013 21:53	1	b53397.d	Rtx-624 0.25(mm)
IC 460-151555/6		03/16/2013 22:16	1	b53398.d	Rtx-624 0.25(mm)
IC 460-151555/7		03/16/2013 22:38	1	b53399.d	Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 00:31	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 00:31	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 01:39	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 02:02	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 02:24	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 02:47	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 03:09	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 03:32	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 03:54	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 04:17	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 04:39	1		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 05:02	10		Rtx-624 0.25(mm)
ZZZZZ		03/17/2013 05:24	10		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 03/19/2013 04:48

Analysis Batch Number: 151692 End Date: 03/19/2013 14:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-151692/1		03/19/2013 04:48	1	b53478.d	Rtx-624 0.25(mm)
CCVIS 460-151692/2		03/19/2013 05:12	1	b53479.d	Rtx-624 0.25(mm)
LCS 460-151692/3		03/19/2013 05:34	50	b53480.d	Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 06:00	50		Rtx-624 0.25(mm)
MB 460-151692/4		03/19/2013 07:07	50	b53484.d	Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 07:30	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 07:52	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 08:15	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 08:37	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 09:00	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 09:23	200		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 09:45	50		Rtx-624 0.25(mm)
460-52303-A-1-A MS		03/19/2013 10:08	100	b53492.d	Rtx-624 0.25(mm)
460-52303-A-1-A MSD		03/19/2013 10:30	100	b53493.d	Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 11:38	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 11:38	50		Rtx-624 0.25(mm)
460-52450-21	PMP-7-NE-WT	03/19/2013 13:07	50	b53500.d	Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 13:29	250		Rtx-624 0.25(mm)
460-52450-28	PMP-9-NE-WT	03/19/2013 13:52	50	b53502.d	Rtx-624 0.25(mm)
460-52450-29	PMP-9-NE-SI	03/19/2013 14:15	50	b53503.d	Rtx-624 0.25(mm)
460-52450-31	PMP-13-NE-WT	03/19/2013 14:37	50	b53504.d	Rtx-624 0.25(mm)
460-52450-35	PMP-16-NE-WT	03/19/2013 14:59	50	b53505.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 03/19/2013 16:53

Analysis Batch Number: 151820 End Date: 03/20/2013 03:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-151820/1		03/19/2013 16:53	1	b53510.d	Rtx-624 0.25(mm)
CCVIS 460-151820/2		03/19/2013 17:16	1	b53511.d	Rtx-624 0.25(mm)
LCS 460-151820/3		03/19/2013 17:39	50	b53512.d	Rtx-624 0.25(mm)
LCSD 460-151820/16		03/19/2013 18:01	50	b53513.d	Rtx-624 0.25(mm)
MB 460-151820/4		03/19/2013 19:39	50	b53517.d	Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 20:30	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 21:22	100		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 21:44	100		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 22:52	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 23:14	50		Rtx-624 0.25(mm)
ZZZZZ		03/19/2013 23:37	250		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 00:45	50		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 01:53	50		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 02:15	50		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 02:38	50		Rtx-624 0.25(mm)
460-52450-16	PMP-6-NE-SI	03/20/2013 03:00	50	b53536.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 03/20/2013 03:46

Analysis Batch Number: 151869 End Date: 03/20/2013 15:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-151869/1		03/20/2013 03:46	1	b53538.d	Rtx-624 0.25(mm)
CCVIS 460-151869/2		03/20/2013 04:08	1	b53539.d	Rtx-624 0.25(mm)
LCS 460-151869/3		03/20/2013 04:31	50	b53540.d	Rtx-624 0.25(mm)
MB 460-151869/4		03/20/2013 06:31	50	b53543.d	Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 06:53	50		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 07:16	50		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 07:38	50		Rtx-624 0.25(mm)
460-52432-A-20-A MS		03/20/2013 08:46	100	b53549.d	Rtx-624 0.25(mm)
460-52432-A-20-A MSD		03/20/2013 09:09	100	b53550.d	Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 10:17	50		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 11:02	50		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 11:26	100		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 11:48	50		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 12:11	500		Rtx-624 0.25(mm)
460-52450-22	PMP-7-NE-SI	03/20/2013 13:19	100	b53561.d	Rtx-624 0.25(mm)
460-52450-24	PMP-10-NE-WT	03/20/2013 13:42	50	b53562.d	Rtx-624 0.25(mm)
460-52450-18	PMP-5-NE-WT	03/20/2013 14:04	50	b53563.d	Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 14:49	500		Rtx-624 0.25(mm)
ZZZZZ		03/20/2013 15:11	500		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 03/21/2013 03:40

Analysis Batch Number: 152022 End Date: 03/21/2013 14:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-152022/1		03/21/2013 03:40	1	b53597.d	Rtx-624 0.25(mm)
CCVIS 460-152022/2		03/21/2013 04:27	1	b53598.d	Rtx-624 0.25(mm)
LCS 460-152022/3		03/21/2013 04:53	50	b53599.d	Rtx-624 0.25(mm)
MB 460-152022/4		03/21/2013 06:26	50	b53603.d	Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 06:48	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 07:11	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 07:33	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 07:56	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 08:18	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 08:41	250		Rtx-624 0.25(mm)
460-52450-40	PMP-15-NE-SD	03/21/2013 09:03	50	b53610.d	Rtx-624 0.25(mm)
460-52432-A-18-A MS		03/21/2013 09:26	100	b53611.d	Rtx-624 0.25(mm)
460-52432-A-18-A MSD		03/21/2013 09:48	100	b53612.d	Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 10:56	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 11:19	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 11:41	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 12:04	200		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 13:45	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 14:07	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 14:29	50		Rtx-624 0.25(mm)
ZZZZZ		03/21/2013 14:52	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 03/21/2013 22:52

Analysis Batch Number: 152224 End Date: 03/22/2013 08:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-152224/1		03/21/2013 22:52	1	b53627.d	Rtx-624 0.25(mm)
CCVIS 460-152224/2		03/22/2013 00:17	1	b53629.d	Rtx-624 0.25(mm)
LCS 460-152224/3		03/22/2013 00:40	50	b53630.d	Rtx-624 0.25(mm)
MB 460-152224/4		03/22/2013 01:25	50	b53632.d	Rtx-624 0.25(mm)
460-52683-B-4-A MS		03/22/2013 03:55	100	b53638.d	Rtx-624 0.25(mm)
460-52683-B-4-A MSD		03/22/2013 04:17	100	b53639.d	Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 05:25	200		Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 05:47	1000		Rtx-624 0.25(mm)
460-52450-19	PMP-5-NE-SI	03/22/2013 07:17	50	b53647.d	Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 07:39	50		Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 08:46	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 03/25/2013 03:18

Analysis Batch Number: 152550 End Date: 03/25/2013 14:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-152550/1		03/25/2013 03:18	1	b53763.d	Rtx-624 0.25(mm)
CCVIS 460-152550/2		03/25/2013 03:49	1	b53764.d	Rtx-624 0.25(mm)
LCS 460-152550/3		03/25/2013 04:12	50	b53765.d	Rtx-624 0.25(mm)
MB 460-152550/4		03/25/2013 05:43	50	b53769.d	Rtx-624 0.25(mm)
460-52802-A-2-A MS		03/25/2013 07:27	100	b53773.d	Rtx-624 0.25(mm)
460-52802-A-2-A MSD		03/25/2013 07:50	100	b53774.d	Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 08:57	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 09:20	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 09:43	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 10:06	50		Rtx-624 0.25(mm)
460-52450-33 DL	PMP-13-NE-SD DL	03/25/2013 10:51	50	b53782.d	Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 11:17	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 11:40	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 12:02	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 12:47	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 13:09	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 13:32	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 13:54	50		Rtx-624 0.25(mm)
ZZZZZ		03/25/2013 14:17	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 03/22/2013 06:47

Analysis Batch Number: 152371 End Date: 03/22/2013 18:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-152371/1		03/22/2013 06:47	1	d30776.d	Rtx-624 0.25(mm)
ICIS 460-152371/2		03/22/2013 07:58	1	d30778.d	Rtx-624 0.25(mm)
IC 460-152371/3		03/22/2013 09:08	1	d30780.d	Rtx-624 0.25(mm)
IC 460-152371/4		03/22/2013 09:31	1	d30781.d	Rtx-624 0.25(mm)
IC 460-152371/5		03/22/2013 10:17	1	d30783.d	Rtx-624 0.25(mm)
IC 460-152371/6		03/22/2013 10:40	1	d30784.d	Rtx-624 0.25(mm)
IC 460-152371/7		03/22/2013 11:03	1	d30785.d	Rtx-624 0.25(mm)
LCS 460-152371/16		03/22/2013 12:36	1	d30789a.d	Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 12:36	1		Rtx-624 0.25(mm)
LCSD 460-152371/20		03/22/2013 12:58	1	d30790.d	Rtx-624 0.25(mm)
MB 460-152371/10		03/22/2013 14:07	1	d30793.d	Rtx-624 0.25(mm)
460-52450-1	PMP-21-NE-VD	03/22/2013 14:39	1	d30794.d	Rtx-624 0.25(mm)
460-52450-2	PMP-21-NE-WT	03/22/2013 15:02	1	d30795.d	Rtx-624 0.25(mm)
460-52450-3	PMP-21-NE-SI	03/22/2013 15:25	1	d30796.d	Rtx-624 0.25(mm)
460-52450-4	PMP-23-NE-VS	03/22/2013 15:48	1	d30797.d	Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 16:11	1		Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 16:33	1		Rtx-624 0.25(mm)
460-52450-9	PMP-4-NE-VS	03/22/2013 17:42	1	d30802.d	Rtx-624 0.25(mm)
460-52450-10	PMP-4-NE-VD	03/22/2013 18:05	1	d30803.d	Rtx-624 0.25(mm)
460-52450-11	PMP-22-NE-VS	03/22/2013 18:28	1	d30804.d	Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 18:51	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 03/22/2013 19:23

Analysis Batch Number: 152393 End Date: 03/23/2013 05:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-152393/1		03/22/2013 19:23	1	d30806.d	Rtx-624 0.25(mm)
CCVIS 460-152393/2		03/22/2013 21:32	1	d30807.d	Rtx-624 0.25(mm)
ZZZZZ		03/22/2013 21:55	1		Rtx-624 0.25(mm)
LCS 460-152393/14		03/22/2013 22:18	1	d30809.d	Rtx-624 0.25(mm)
LCSD 460-152393/4		03/22/2013 22:41	1	d30810.d	Rtx-624 0.25(mm)
MB 460-152393/5		03/23/2013 00:05	1	d30813.d	Rtx-624 0.25(mm)
460-52450-46	TRIP BLANK	03/23/2013 00:27	1	d30814.d	Rtx-624 0.25(mm)
460-52450-5	PMP-14-NE VS	03/23/2013 01:13	1	d30816.d	Rtx-624 0.25(mm)
460-52450-6	PMP-8-NE-VS	03/23/2013 01:36	1	d30817.d	Rtx-624 0.25(mm)
460-52450-8	PMP-8-NE-WT	03/23/2013 02:22	1	d30819.d	Rtx-624 0.25(mm)
460-52450-12	PMP-22-NE-VD	03/23/2013 02:45	1	d30820.d	Rtx-624 0.25(mm)
460-52450-13	PMP-22-NE-WT	03/23/2013 03:08	1	d30821.d	Rtx-624 0.25(mm)
460-52450-14	PMP-6-NE-VD	03/23/2013 03:31	1	d30822.d	Rtx-624 0.25(mm)
460-52450-15	PMP-6-NE-WT	03/23/2013 03:53	1	d30823.d	Rtx-624 0.25(mm)
460-52450-20	PMP-7-NE-VD	03/23/2013 05:25	1	d30827.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 03/23/2013 06:29

Analysis Batch Number: 152400 End Date: 03/23/2013 16:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-152400/1		03/23/2013 06:29	1	d30830.d	Rtx-624 0.25(mm)
CCVIS 460-152400/2		03/23/2013 06:50	1	d30831.d	Rtx-624 0.25(mm)
LCS 460-152400/3		03/23/2013 07:13	1	d30832.d	Rtx-624 0.25(mm)
LCSD 460-152400/4		03/23/2013 07:36	1	d30833.d	Rtx-624 0.25(mm)
MB 460-152400/5		03/23/2013 08:56	1	d30836.d	Rtx-624 0.25(mm)
460-52450-7	PMP-8-NE-VD	03/23/2013 09:19	1	d30837.d	Rtx-624 0.25(mm)
460-52450-17	PMP-5-NE-VD	03/23/2013 09:42	1	d30838.d	Rtx-624 0.25(mm)
ZZZZZ		03/23/2013 10:05	1		Rtx-624 0.25(mm)
460-52450-23	PMP-10-NE-VD	03/23/2013 10:28	1	d30840.d	Rtx-624 0.25(mm)
460-52450-25	PMP-10-NE-SI	03/23/2013 10:51	1	d30841.d	Rtx-624 0.25(mm)
460-52450-26	PMP-10-NE-SD	03/23/2013 11:14	1	d30842.d	Rtx-624 0.25(mm)
460-52450-27	PMP-9-NE-VD	03/23/2013 11:37	1	d30843.d	Rtx-624 0.25(mm)
460-52450-30	PMP-13-NE-VD	03/23/2013 12:00	1	d30844.d	Rtx-624 0.25(mm)
460-52450-32	PMP-13-NE-SI	03/23/2013 12:23	1	d30845.d	Rtx-624 0.25(mm)
460-52450-33	PMP-13-NE-SD	03/23/2013 12:45	1	d30846.d	Rtx-624 0.25(mm)
460-52450-36	PMP-16-NE-SI	03/23/2013 13:31	1	d30848.d	Rtx-624 0.25(mm)
460-52450-39	PMP-15-NE-SI	03/23/2013 14:40	1	d30851.d	Rtx-624 0.25(mm)
460-52450-41	PMP-28-NE-VD	03/23/2013 15:03	1	d30852.d	Rtx-624 0.25(mm)
460-52450-43	PMP-28-NE-SI	03/23/2013 15:49	1	d30854.d	Rtx-624 0.25(mm)
460-52450-34	PMP-16-NE-VD	03/23/2013 16:37	1	d30856.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 03/05/2013 17:06

Analysis Batch Number: 149877 End Date: 03/06/2013 02:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-149877/1		03/05/2013 17:06	1	k10307.d	DB-624 0.53(mm)
ICIS 460-149877/2		03/05/2013 17:53	1	k10309.d	DB-624 0.53(mm)
IC 460-149877/6		03/05/2013 23:05	1	k10315.d	DB-624 0.53(mm)
IC 460-149877/3		03/05/2013 23:29	1	k10316.d	DB-624 0.53(mm)
IC 460-149877/4		03/05/2013 23:52	1	k10317.d	DB-624 0.53(mm)
IC 460-149877/7		03/06/2013 00:16	1	k10318.d	DB-624 0.53(mm)
IC 460-149877/8		03/06/2013 02:14	1	k10323.d	DB-624 0.53(mm)
ICV 460-149877/5		03/06/2013 02:38	1		DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 03/20/2013 07:43

Analysis Batch Number: 151859 End Date: 03/20/2013 19:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-151859/1		03/20/2013 07:43	1	k11001.d	DB-624 0.53(mm)
CCVIS 460-151859/2		03/20/2013 09:17	1	k11003.d	DB-624 0.53(mm)
LCS 460-151859/3		03/20/2013 09:41	1	k11004.d	DB-624 0.53(mm)
MB 460-151859/4		03/20/2013 10:37	1	k11006.d	DB-624 0.53(mm)
ZZZZZ		03/20/2013 11:04	1		DB-624 0.53(mm)
460-52450-45	FB_031513	03/20/2013 11:28	1	k11008.d	DB-624 0.53(mm)
ZZZZZ		03/20/2013 11:51	1		DB-624 0.53(mm)
ZZZZZ		03/20/2013 12:15	1		DB-624 0.53(mm)
ZZZZZ		03/20/2013 12:38	1		DB-624 0.53(mm)
ZZZZZ		03/20/2013 13:26	1		DB-624 0.53(mm)
ZZZZZ		03/20/2013 15:00	2		DB-624 0.53(mm)
ZZZZZ		03/20/2013 15:47	25		DB-624 0.53(mm)
ZZZZZ		03/20/2013 16:34	5		DB-624 0.53(mm)
460-52448-A-3 MS		03/20/2013 16:58	10	k11022.d	DB-624 0.53(mm)
460-52448-A-3 MSD		03/20/2013 17:21	10	k11023.d	DB-624 0.53(mm)
ZZZZZ		03/20/2013 18:08	1		DB-624 0.53(mm)
ZZZZZ		03/20/2013 18:32	1		DB-624 0.53(mm)
ZZZZZ		03/20/2013 18:55	1		DB-624 0.53(mm)
ZZZZZ		03/20/2013 19:19	1		DB-624 0.53(mm)
ZZZZZ		03/20/2013 19:42	1		DB-624 0.53(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151442 Batch Start Date: 03/16/13 17:53 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 03/16/13 20:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
460-52450-D-1	PMP-21-NE-VD	5035, 8260B	T	30.85 g	34.65 g	3.8 g	5 mL	Sample was frozen on March 15th	
460-52450-D-2	PMP-21-NE-WT	5035, 8260B	T	30.94 g	36.05 g	5.11 g	5 mL	Sample was frozen on March 15th	
460-52450-D-3	PMP-21-NE-SI	5035, 8260B	T	31.00 g	35.90 g	4.9 g	5 mL	Sample was frozen on March 15th	
460-52450-D-4	PMP-23-NE-VS	5035, 8260B	T	30.95 g	36.39 g	5.44 g	5 mL	Sample was frozen on March 15th	
460-52450-D-5	PMP-14-NE VS	5035, 8260B	T	30.87 g	36.88 g	6.01 g	5 mL	Sample was frozen on March 15th	
460-52450-D-6	PMP-8-NE-VS	5035, 8260B	T	30.97 g	36.44 g	5.47 g	5 mL	Sample was frozen on March 15th	
460-52450-E-7	PMP-8-NE-VD	5035, 8260B	T	30.94 g	36.40 g	5.46 g	5 mL	Sample was frozen on March 15th	
460-52450-D-8	PMP-8-NE-WT	5035, 8260B	T	31.27 g	36.34 g	5.07 g	5 mL	Sample was frozen on March 15th	
460-52450-D-9	PMP-4-NE-VS	5035, 8260B	T	30.83 g	36.68 g	5.85 g	5 mL	Sample was frozen on March 15th	
460-52450-D-10	PMP-4-NE-VD	5035, 8260B	T	30.70 g	34.93 g	4.23 g	5 mL	Sample was frozen on March 15th	
460-52450-D-11	PMP-22-NE-VS	5035, 8260B	T	30.97 g	36.03 g	5.06 g	5 mL	Sample was frozen on March 15th	
460-52450-D-12	PMP-22-NE-VD	5035, 8260B	T	31.02 g	36.29 g	5.27 g	5 mL	Sample was frozen on March 15th	
460-52450-D-13	PMP-22-NE-WT	5035, 8260B	T	31.02 g	35.80 g	4.78 g	5 mL	Sample was frozen on March 15th	
460-52450-D-14	PMP-6-NE-VD	5035, 8260B	T	30.89 g	36.34 g	5.45 g	5 mL	Sample was frozen on March 15th	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151442 Batch Start Date: 03/16/13 17:53 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 03/16/13 20:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
460-52450-D-15	PMP-6-NE-WT	5035, 8260B	T	31.23 g	37.13 g	5.9 g	5 mL	Sample was frozen on March 15th	
460-52450-E-17	PMP-5-NE-VD	5035, 8260B	T	31.22 g	36.05 g	4.83 g	5 mL	Sample was frozen on March 15th	
460-52450-D-20	PMP-7-NE-VD	5035, 8260B	T	30.97 g	35.15 g	4.18 g	5 mL	Sample was frozen on March 15th	
460-52450-E-23	PMP-10-NE-VD	5035, 8260B	T	30.95 g	37.43 g	6.48 g	5 mL	Sample was frozen on March 15th	
460-52450-E-25	PMP-10-NE-SI	5035, 8260B	T	31.15 g	36.51 g	5.36 g	5 mL	Sample was frozen on March 15th	
460-52450-D-26	PMP-10-NE-SD	5035, 8260B	T	31.12 g	36.30 g	5.18 g	5 mL	Sample was frozen on March 15th	
460-52450-D-27	PMP-9-NE-VD	5035, 8260B	T	30.93 g	36.45 g	5.52 g	5 mL	Sample was frozen on March 15th	
460-52450-D-30	PMP-13-NE-VD	5035, 8260B	T	30.88 g	36.56 g	5.68 g	5 mL	Sample was frozen on March 15th	
460-52450-D-32	PMP-13-NE-SI	5035, 8260B	T	31.03 g	36.64 g	5.61 g	5 mL	Sample was frozen on March 15th	
460-52450-D-33	PMP-13-NE-SD	5035, 8260B	T	30.86 g	37.22 g	6.36 g	5 mL	Sample was frozen on March 15th	
460-52450-D-34	PMP-16-NE-VD	5035, 8260B	T	30.86 g	35.47 g	4.61 g	5 mL	Sample was frozen on March 15th	
460-52450-D-36	PMP-16-NE-SI	5035, 8260B	T	30.89 g	36.51 g	5.62 g	5 mL	Sample was frozen on March 15th	
460-52450-E-37	PMP-15-NE-VD	5035, 8260B	T	31.02 g	36.98 g	5.96 g	5 mL	Sample was frozen on March 15th	
460-52450-E-38	PMP-15-NE-WT	5035, 8260B	T	30.98 g	36.87 g	5.89 g	5 mL	Sample was frozen on March 15th	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151442 Batch Start Date: 03/16/13 17:53 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 03/16/13 20:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
460-52450-D-39	PMP-15-NE-SI	5035, 8260B	T	31.03 g	37.47 g	6.44 g	5 mL	Sample was frozen on March 15th	
460-52450-D-41	PMP-28-NE-VD	5035, 8260B	T	31.05 g	36.14 g	5.09 g	5 mL	Sample was frozen on March 15th	
460-52450-E-42	PMP-28-NE-WT	5035, 8260B	T	30.94 g	37.29 g	6.35 g	5 mL	Sample was frozen on March 15th	
460-52450-D-43	PMP-28-NE-SI	5035, 8260B	T	30.90 g	37.70 g	6.8 g	5 mL	Sample was frozen on March 15th	
460-52450-E-44	PMP-28-NE-SD	5035, 8260B	T	31.07 g	36.57 g	5.5 g	5 mL	Sample was frozen on March 15th	
460-52450-C-46	TRIP BLANK	5035, 8260B	T			5 g	5 mL	Sample was frozen on March 15th	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151444 Batch Start Date: 03/16/13 18:07 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 03/16/13 18:14

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00065	AnalysisComment
460-52450-B-16	PMP-6-NE-SI	5035, 8260B	T	33.38 g	38.06 g	4.68 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-18	PMP-5-NE-WT	5035, 8260B	T	33.00 g	38.10 g	5.1 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-C-19	PMP-5-NE-SI	5035, 8260B	T	33.29 g	38.84 g	5.55 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-21	PMP-7-NE-WT	5035, 8260B	T	33.25 g	39.26 g	6.01 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-22	PMP-7-NE-SI	5035, 8260B	T	33.02 g	39.18 g	6.16 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-24	PMP-10-NE-WT	5035, 8260B	T	33.40 g	39.26 g	5.86 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-28	PMP-9-NE-WT	5035, 8260B	T	33.48 g	39.33 g	5.85 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-29	PMP-9-NE-SI	5035, 8260B	T	33.29 g	39.22 g	5.93 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-31	PMP-13-NE-WT	5035, 8260B	T	33.30 g	38.38 g	5.08 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-33	PMP-13-NE-SD	5035, 8260B	T	32.85 g	37.44 g	4.59 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-35	PMP-16-NE-WT	5035, 8260B	T	33.14 g	40.34 g	7.2 g	5 mL	5 mL	Sample was refridgrated on March 15th
460-52450-B-40	PMP-15-NE-SD	5035, 8260B	T	33.34 g	39.06 g	5.72 g	5 mL	5 mL	Sample was refridgrated on March 15th

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151444 Batch Start Date: 03/16/13 18:07 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 03/16/13 18:14

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPH #
PMP-21-NE-VD	460-52450-1	60	74	70
PMP-21-NE-WT	460-52450-2	80	78	75
PMP-21-NE-SI	460-52450-3	75	72	71
PMP-23-NE-VS	460-52450-4	79	90	58
PMP-14-NE VS	460-52450-5	67	80	66
PMP-8-NE-VS	460-52450-6	68	84	61
PMP-8-NE-VD	460-52450-7	76	73	71
PMP-8-NE-WT	460-52450-8	77	73	66
PMP-4-NE-VS	460-52450-9	68	84	59
PMP-4-NE-VD	460-52450-10	67	87	56
PMP-22-NE-VS	460-52450-11	76	85	66
PMP-22-NE-VD	460-52450-12	73	70	64
PMP-22-NE-WT	460-52450-13	75	76	70
PMP-6-NE-VD	460-52450-14	79	75	71
PMP-6-NE-WT	460-52450-15	81	79	64
PMP-6-NE-SI	460-52450-16	75	84	62
PMP-5-NE-VD	460-52450-17	76	73	70
PMP-5-NE-WT	460-52450-18	82	87	63
PMP-5-NE-SI	460-52450-19	80	79	65
PMP-7-NE-VD	460-52450-20	78	83	64
PMP-7-NE-WT	460-52450-21	87	96	72
PMP-7-NE-SI	460-52450-22	84	99	74
PMP-10-NE-VD	460-52450-23	79	80	75
PMP-10-NE-WT	460-52450-24	85	85	91
PMP-10-NE-SI	460-52450-25	85	85	79
PMP-10-NE-SD	460-52450-26	83	83	82
PMP-9-NE-VD	460-52450-27	88	87	92
PMP-9-NE-WT	460-52450-28	89	93	77
PMP-9-NE-SI	460-52450-29	82	82	72
PMP-13-NE-VD	460-52450-30	86	86	83
PMP-13-NE-WT DL	460-52450-31 DL	0 D	0 D	0 D
PMP-13-NE-SI	460-52450-32	86	85	79
PMP-13-NE-SD	460-52450-33	83	82	83
PMP-16-NE-VD	460-52450-34	82	81	77
PMP-16-NE-WT	460-52450-35	85	89	68

	QC LIMITS
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPH #
PMP-16-NE-SI	460-52450-36	84	85	81
PMP-15-NE-VD	460-52450-37	82	80	84
PMP-15-NE-WT	460-52450-38	83	80	78
PMP-15-NE-SI	460-52450-39	84	82	83
PMP-15-NE-SD	460-52450-40	88	98	79
PMP-28-NE-VD	460-52450-41	77	73	73
PMP-28-NE-WT	460-52450-42	66	73	62
PMP-28-NE-SI	460-52450-43	78	78	67
PMP-28-NE-SD	460-52450-44	70	70	65
	MB 460-151520/1-A	71	68	67
	MB 460-151635/1-A	69	70	70
	MB 460-151640/1-A	82	79	79
	MB 460-151648/1-A	73	71	76
	LCS 460-151520/2-A	65	67	61
	LCS 460-151635/2-A	75	76	75
	LCS 460-151640/2-A	78	79	69
	LCS 460-151648/2-A	70	69	68
PMP-21-NE-VD MS	460-52450-1 MS	60	67	53
PMP-10-NE-SI MS	460-52450-25 MS	80	82	70
PMP-28-NE-VD MS	460-52450-41 MS	67	70	71
	460-52492-A-1-A MS	69	68	66
PMP-21-NE-VD MSD	460-52450-1 MSD	65	72	56
PMP-10-NE-SI MSD	460-52450-25 MSD	82	87	80
PMP-28-NE-VD MSD	460-52450-41 MSD	76	74	71
	460-52492-A-1-B MSD	61	70	66

	QC LIMITS
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPH #
FB_031513	460-52450-45	99	93	97
	MB 460-151546/1-A	95	89	95
	LCS 460-151546/2-A	88	90	82
	460-52468-C-3-A MS	95	96	94
	460-52468-D-3-A MSD	89	88	88

	QC LIMITS
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35608.d

Lab ID: LCS 460-151520/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3330	2410	72	48-94	
1,2-Dichlorobenzene	3330	2370	71	48-87	
1,3-Dichlorobenzene	3330	2310	69	47-84	
1,4-Dichlorobenzene	3330	2350	70	47-85	
2,4-Dinitrotoluene	3330	2460	74	53-110	
2,6-Dinitrotoluene	3330	2500	75	51-115	
2-Chloronaphthalene	3330	2540	76	51-102	
2-Methylnaphthalene	3330	2460	74	51-98	
2-Nitroaniline	3330	2830	85	51-109	
3,3'-Dichlorobenzidine	3330	1450	43	24-105	
3-Nitroaniline	3330	1350	40	32-104	
4-Bromophenyl phenyl ether	3330	2660	80	44-102	
4-Chloroaniline	3330	772	23	10-96	
4-Chlorophenyl phenyl ether	3330	2490	75	50-106	
4-Nitroaniline	3330	2090	63	45-106	
Acenaphthene	3330	2580	77	46-100	
Acenaphthylene	3330	2580	77	51-103	
Anthracene	3330	2660	80	50-107	
Benzo[a]anthracene	3330	2450	73	46-112	
Benzo[a]pyrene	3330	2550	76	36-89	
Benzo[b]fluoranthene	3330	2350	71	33-96	
Benzo[g,h,i]perylene	3330	2630	79	43-106	
Benzo[k]fluoranthene	3330	2510	75	35-115	
bis (2-chloroisopropyl) ether	3330	2570	77	45-102	
Bis(2-chloroethoxy)methane	3330	2550	76	51-100	
Bis(2-chloroethyl)ether	3330	2370	71	44-101	
Bis(2-ethylhexyl) phthalate	3330	2530	76	49-119	
Butyl benzyl phthalate	3330	2480	74	49-117	
Carbazole	3330	2700	81	49-104	
Chrysene	3330	2580	77	45-114	
Dibenz(a,h)anthracene	3330	2630	79	43-107	
Dibenzofuran	3330	2510	75	52-106	
Diethyl phthalate	3330	2480	74	52-114	
Dimethyl phthalate	3330	2560	77	52-112	
Di-n-butyl phthalate	3330	2630	79	50-108	
Di-n-octyl phthalate	3330	2370	71	40-106	
Fluoranthene	3330	2700	81	49-108	
Fluorene	3330	2540	76	51-108	
Hexachlorobenzene	3330	2660	80	43-104	
Hexachlorobutadiene	3330	2410	72	45-98	
Hexachlorocyclopentadiene	3330	2360	71	24-98	
Hexachloroethane	3330	2370	71	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35608.d

Lab ID: LCS 460-151520/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3330	2920	88	43-109	
Isophorone	3330	2360	71	48-97	
Naphthalene	3330	2630	79	53-94	
Nitrobenzene	3330	2600	78	42-106	
N-Nitrosodi-n-propylamine	3330	2120	64	42-107	
N-Nitrosodiphenylamine	3330	2810	84	49-106	
Phenanthrene	3330	2700	81	48-108	
Pyrene	3330	2360	71	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z20045.d

Lab ID: LCS 460-151546/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	100	85.1	85	58-98	
1,2-Dichlorobenzene	100	84.6	85	57-98	
1,3-Dichlorobenzene	100	84.6	85	54-97	
1,4-Dichlorobenzene	100	84.6	85	56-98	
2,4-Dinitrotoluene	100	94.8	95	65-113	
2,6-Dinitrotoluene	100	94.7	95	68-114	
2-Chloronaphthalene	100	90.3	90	65-107	
2-Methylnaphthalene	100	86.9	87	66-102	
2-Nitroaniline	100	94.1	94	73-116	
3,3'-Dichlorobenzidine	100	117	117	69-129	
3-Nitroaniline	100	94.6	95	59-108	
4-Bromophenyl phenyl ether	100	91.5	91	66-110	
4-Chloroaniline	100	80.8	81	58-105	
4-Chlorophenyl phenyl ether	100	90.3	90	68-105	
4-Nitroaniline	100	99.0	99	49-119	
Acenaphthene	100	89.5	89	66-108	
Acenaphthylene	100	89.2	89	67-107	
Anthracene	100	88.2	88	68-108	
Benzo[a]anthracene	100	86.3	86	65-106	
Benzo[a]pyrene	100	89.9	90	58-101	
Benzo[b]fluoranthene	100	82.3	82	65-111	
Benzo[g,h,i]perylene	100	106	106	65-134	
Benzo[k]fluoranthene	100	87.1	87	66-114	
bis (2-chloroisopropyl) ether	100	81.7	82	68-107	
Bis(2-chloroethoxy)methane	100	89.6	90	69-108	
Bis(2-chloroethyl)ether	100	84.1	84	62-108	
Bis(2-ethylhexyl) phthalate	100	96.0	96	66-114	
Butyl benzyl phthalate	100	93.2	93	66-115	
Carbazole	100	93.5	94	67-110	
Chrysene	100	91.2	91	68-112	
Dibenz(a,h)anthracene	100	100	100	67-124	
Dibenzofuran	100	90.8	91	68-105	
Diethyl phthalate	100	97.1	97	66-109	
Dimethyl phthalate	100	97.2	97	69-111	
Di-n-butyl phthalate	100	97.4	97	68-111	
Di-n-octyl phthalate	100	92.2	92	51-115	
Fluoranthene	100	93.8	94	68-108	
Fluorene	100	89.8	90	68-105	
Hexachlorobenzene	100	88.2	88	65-107	
Hexachlorobutadiene	100	83.8	84	52-99	
Hexachlorocyclopentadiene	100	72.4	72	40-105	
Hexachloroethane	100	84.2	84	50-99	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z20045.d

Lab ID: LCS 460-151546/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	100	107	107	68-121	
Isophorone	100	82.6	83	68-108	
Naphthalene	100	86.4	86	63-101	
Nitrobenzene	100	86.2	86	66-106	
N-Nitrosodi-n-propylamine	100	91.4	91	70-109	
N-Nitrosodiphenylamine	100	104	104	71-121	
Phenanthrene	100	90.4	90	68-110	
Pyrene	100	81.3	81	61-110	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35504.d

Lab ID: LCS 460-151635/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3330	2560	77	48-94	
1,2-Dichlorobenzene	3330	2550	77	48-87	
1,3-Dichlorobenzene	3330	2500	75	47-84	
1,4-Dichlorobenzene	3330	2520	76	47-85	
2,4-Dinitrotoluene	3330	2690	81	53-110	
2,6-Dinitrotoluene	3330	2750	83	51-115	
2-Chloronaphthalene	3330	2660	80	51-102	
2-Methylnaphthalene	3330	2660	80	51-98	
2-Nitroaniline	3330	2440	73	51-109	
3,3'-Dichlorobenzidine	3330	1890	57	24-105	
3-Nitroaniline	3330	1610	48	32-104	
4-Bromophenyl phenyl ether	3330	2920	88	44-102	
4-Chloroaniline	3330	1160	35	10-96	
4-Chlorophenyl phenyl ether	3330	2710	81	50-106	
4-Nitroaniline	3330	2410	72	45-106	
Acenaphthene	3330	2710	81	46-100	
Acenaphthylene	3330	2630	79	51-103	
Anthracene	3330	2760	83	50-107	
Benzo[a]anthracene	3330	2760	83	46-112	
Benzo[a]pyrene	3330	2820	85	36-89	
Benzo[b]fluoranthene	3330	2840	85	33-96	
Benzo[g,h,i]perylene	3330	2680	81	43-106	
Benzo[k]fluoranthene	3330	2790	84	35-115	
bis (2-chloroisopropyl) ether	3330	2690	81	45-102	
Bis(2-chloroethoxy)methane	3330	2750	83	51-100	
Bis(2-chloroethyl)ether	3330	2590	78	44-101	
Bis(2-ethylhexyl) phthalate	3330	2900	87	49-119	
Butyl benzyl phthalate	3330	2800	84	49-117	
Carbazole	3330	2780	84	49-104	
Chrysene	3330	2810	85	45-114	
Dibenz(a,h)anthracene	3330	2870	86	43-107	
Dibenzofuran	3330	2660	80	52-106	
Diethyl phthalate	3330	2770	83	52-114	
Dimethyl phthalate	3330	2790	84	52-112	
Di-n-butyl phthalate	3330	2850	86	50-108	
Di-n-octyl phthalate	3330	3030	91	40-106	
Fluoranthene	3330	2800	84	49-108	
Fluorene	3330	2670	80	51-108	
Hexachlorobenzene	3330	2900	87	43-104	
Hexachlorobutadiene	3330	2530	76	45-98	
Hexachlorocyclopentadiene	3330	1960	59	24-98	
Hexachloroethane	3330	2540	76	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35504.d

Lab ID: LCS 460-151635/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3330	2560	77	43-109	
Isophorone	3330	2560	77	48-97	
Naphthalene	3330	2760	83	53-94	
Nitrobenzene	3330	2580	77	42-106	
N-Nitrosodi-n-propylamine	3330	2880	86	42-107	
N-Nitrosodiphenylamine	3330	3050	92	49-106	
Phenanthrene	3330	2860	86	48-108	
Pyrene	3330	2590	78	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35582.d

Lab ID: LCS 460-151640/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3320	2580	78	48-94	
1,2-Dichlorobenzene	3320	2730	82	48-87	
1,3-Dichlorobenzene	3320	2760	83	47-84	
1,4-Dichlorobenzene	3320	2780	84	47-85	
2,4-Dinitrotoluene	3320	2680	81	53-110	
2,6-Dinitrotoluene	3320	2650	80	51-115	
2-Chloronaphthalene	3320	2780	84	51-102	
2-Methylnaphthalene	3320	2860	86	51-98	
2-Nitroaniline	3320	2900	87	51-109	
3,3'-Dichlorobenzidine	3320	2240	67	24-105	
3-Nitroaniline	3320	1780	54	32-104	
4-Bromophenyl phenyl ether	3320	2720	82	44-102	
4-Chloroaniline	3320	1610	48	10-96	
4-Chlorophenyl phenyl ether	3320	2750	83	50-106	
4-Nitroaniline	3320	2600	78	45-106	
Acenaphthene	3320	2790	84	46-100	
Acenaphthylene	3320	2770	83	51-103	
Anthracene	3320	2740	83	50-107	
Benzo[a]anthracene	3320	2620	79	46-112	
Benzo[a]pyrene	3320	2730	82	36-89	
Benzo[b]fluoranthene	3320	2560	77	33-96	
Benzo[g,h,i]perylene	3320	2660	80	43-106	
Benzo[k]fluoranthene	3320	2720	82	35-115	
bis (2-chloroisopropyl) ether	3320	2820	85	45-102	
Bis(2-chloroethoxy)methane	3320	2790	84	51-100	
Bis(2-chloroethyl)ether	3320	2670	80	44-101	
Bis(2-ethylhexyl) phthalate	3320	2720	82	49-119	
Butyl benzyl phthalate	3320	2600	78	49-117	
Carbazole	3320	2900	87	49-104	
Chrysene	3320	2730	82	45-114	
Dibenz(a,h)anthracene	3320	2780	84	43-107	
Dibenzofuran	3320	2750	83	52-106	
Diethyl phthalate	3320	2680	81	52-114	
Dimethyl phthalate	3320	2730	82	52-112	
Di-n-butyl phthalate	3320	2790	84	50-108	
Di-n-octyl phthalate	3320	2790	84	40-106	
Fluoranthene	3320	2790	84	49-108	
Fluorene	3320	2720	82	51-108	
Hexachlorobenzene	3320	2700	81	43-104	
Hexachlorobutadiene	3320	2500	75	45-98	
Hexachlorocyclopentadiene	3320	2280	69	24-98	
Hexachloroethane	3320	2720	82	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35582.d

Lab ID: LCS 460-151640/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3320	3010	91	43-109	
Isophorone	3320	2630	79	48-97	
Naphthalene	3320	2960	89	53-94	
Nitrobenzene	3320	2810	84	42-106	
N-Nitrosodi-n-propylamine	3320	2190	66	42-107	
N-Nitrosodiphenylamine	3320	2920	88	49-106	
Phenanthrene	3320	2820	85	48-108	
Pyrene	3320	2350	71	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35509.d

Lab ID: LCS 460-151648/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3320	2410	73	48-94	
1,2-Dichlorobenzene	3320	2480	75	48-87	
1,3-Dichlorobenzene	3320	2460	74	47-84	
1,4-Dichlorobenzene	3320	2480	75	47-85	
2,4-Dinitrotoluene	3320	2720	82	53-110	
2,6-Dinitrotoluene	3320	2590	78	51-115	
2-Chloronaphthalene	3320	2440	73	51-102	
2-Methylnaphthalene	3320	2530	76	51-98	
2-Nitroaniline	3320	2740	82	51-109	
3,3'-Dichlorobenzidine	3320	1720	52	24-105	
3-Nitroaniline	3320	1600	48	32-104	
4-Bromophenyl phenyl ether	3320	2480	75	44-102	
4-Chloroaniline	3320	1240	37	10-96	
4-Chlorophenyl phenyl ether	3320	2640	79	50-106	
4-Nitroaniline	3320	2760	83	45-106	
Acenaphthene	3320	2570	77	46-100	
Acenaphthylene	3320	2510	75	51-103	
Anthracene	3320	2510	75	50-107	
Benzo[a]anthracene	3320	2400	72	46-112	
Benzo[a]pyrene	3320	2470	74	36-89	
Benzo[b]fluoranthene	3320	2390	72	33-96	
Benzo[g,h,i]perylene	3320	2340	70	43-106	
Benzo[k]fluoranthene	3320	2440	73	35-115	
bis (2-chloroisopropyl) ether	3320	2540	76	45-102	
Bis(2-chloroethoxy)methane	3320	2530	76	51-100	
Bis(2-chloroethyl)ether	3320	2400	72	44-101	
Bis(2-ethylhexyl) phthalate	3320	2620	79	49-119	
Butyl benzyl phthalate	3320	2560	77	49-117	
Carbazole	3320	2700	81	49-104	
Chrysene	3320	2530	76	45-114	
Dibenz(a,h)anthracene	3320	2540	76	43-107	
Dibenzofuran	3320	2520	76	52-106	
Diethyl phthalate	3320	2690	81	52-114	
Dimethyl phthalate	3320	2640	79	52-112	
Di-n-butyl phthalate	3320	2690	81	50-108	
Di-n-octyl phthalate	3320	2620	79	40-106	
Fluoranthene	3320	2790	84	49-108	
Fluorene	3320	2610	78	51-108	
Hexachlorobenzene	3320	2470	74	43-104	
Hexachlorobutadiene	3320	2430	73	45-98	
Hexachlorocyclopentadiene	3320	2180	66	24-98	
Hexachloroethane	3320	2500	75	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35509.d

Lab ID: LCS 460-151648/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3320	2190	66	43-109	
Isophorone	3320	2360	71	48-97	
Naphthalene	3320	2660	80	53-94	
Nitrobenzene	3320	2500	75	42-106	
N-Nitrosodi-n-propylamine	3320	2600	78	42-107	
N-Nitrosodiphenylamine	3320	2660	80	49-106	
Phenanthrene	3320	2610	78	48-108	
Pyrene	3320	2330	70	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35614.d

Lab ID: 460-52450-1 MS Client ID: PMP-21-NE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3480	18 J	2470	71	48-94	
1,2-Dichlorobenzene	3480	40 U	2420	70	48-87	
1,3-Dichlorobenzene	3480	31 U	2400	69	47-84	
1,4-Dichlorobenzene	3480	39 U	2430	70	47-85	
2,4-Dinitrotoluene	3480	11 U	2620	75	53-110	
2,6-Dinitrotoluene	3480	10 U	2620	75	51-115	
2-Chloronaphthalene	3480	39 U	2710	78	51-102	
2-Methylnaphthalene	3480	44 U	2440	70	51-98	
2-Nitroaniline	3480	140 U	2340	67	51-109	
3,3'-Dichlorobenzidine	3480	120 U	2110	61	24-105	
3-Nitroaniline	3480	120 U	1740	50	32-104	
4-Bromophenyl phenyl ether	3480	34 U	2790	80	44-102	
4-Chloroaniline	3480	92 U	808	23	10-96	
4-Chlorophenyl phenyl ether	3480	41 U	2560	74	50-106	
4-Nitroaniline	3480	110 U	2270	65	45-106	
Acenaphthene	3480	50 U	2680	77	46-100	
Acenaphthylene	3480	41 U	2690	77	51-103	
Anthracene	3480	42 U	2700	78	50-107	
Benzo[a]anthracene	3480	2.4 U	2490	72	46-112	
Benzo[a]pyrene	3480	2.4 U	2550	73	36-89	
Benzo[b]fluoranthene	3480	2.2 U	2290	66	33-96	
Benzo[g,h,i]perylene	3480	26 U	2710	78	43-106	
Benzo[k]fluoranthene	3480	2.6 U	2560	74	35-115	
bis (2-chloroisopropyl) ether	3480	38 U	2540	73	45-102	
Bis(2-chloroethoxy)methane	3480	45 U	2580	74	51-100	
Bis(2-chloroethyl)ether	3480	4.7 U	2370	68	44-101	
Bis(2-ethylhexyl) phthalate	3480	120 U	2500	72	49-119	
Butyl benzyl phthalate	3480	32 U	2460	71	49-117	
Carbazole	3480	41 U	2790	80	49-104	
Chrysene	3480	40 U	2640	76	45-114	
Dibenz(a,h)anthracene	3480	4.4 U	2790	80	43-107	
Dibenzofuran	3480	41 U	2610	75	52-106	
Diethyl phthalate	3480	41 U	2620	75	52-114	
Dimethyl phthalate	3480	41 U	2760	79	52-112	
Di-n-butyl phthalate	3480	43 U	2720	78	50-108	
Di-n-octyl phthalate	3480	22 U	2250	65	40-106	
Fluoranthene	3480	46 U	2640	76	49-108	
Fluorene	3480	44 U	2590	74	51-108	
Hexachlorobenzene	3480	4.7 U	2720	78	43-104	
Hexachlorobutadiene	3480	8.4 U	2470	71	45-98	
Hexachlorocyclopentadiene	3480	41 U	2270	65	24-98	
Hexachloroethane	3480	3.8 U	2440	70	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35614.d

Lab ID: 460-52450-1 MS Client ID: PMP-21-NE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3480	6.4 U	3000	86	43-109	
Isophorone	3480	42 U	2330	67	48-97	
Naphthalene	3480	40 U	2740	79	53-94	
Nitrobenzene	3480	4.9 U	2570	74	42-106	
N-Nitrosodi-n-propylamine	3480	5.8 U	2090	60	42-107	
N-Nitrosodiphenylamine	3480	34 U	3160	91	49-106	
Phenanthrene	3480	44 U	2830	81	48-108	
Pyrene	3480	29 U	2190	63	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35598.d

Lab ID: 460-52450-25 MS Client ID: PMP-10-NE-SI MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3750	4.2 U	3170	84	48-94	
1,2-Dichlorobenzene	3750	43 U	3110	83	48-87	
1,3-Dichlorobenzene	3750	34 U	3200	85	47-84	F
1,4-Dichlorobenzene	3750	42 U	3190	85	47-85	
2,4-Dinitrotoluene	3750	12 U	3120	83	53-110	
2,6-Dinitrotoluene	3750	11 U	3090	82	51-115	
2-Chloronaphthalene	3750	42 U	3170	84	51-102	
2-Methylnaphthalene	3750	48 U	3130	83	51-98	
2-Nitroaniline	3750	160 U	2840	76	51-109	
3,3'-Dichlorobenzidine	3750	130 U	2810	75	24-105	
3-Nitroaniline	3750	130 U	2140	57	32-104	
4-Bromophenyl phenyl ether	3750	37 U	3240	86	44-102	
4-Chloroaniline	3750	99 U	1710	45	10-96	
4-Chlorophenyl phenyl ether	3750	44 U	3110	83	50-106	
4-Nitroaniline	3750	120 U	2940	78	45-106	
Acenaphthene	3750	54 U	3210	86	46-100	
Acenaphthylene	3750	44 U	3160	84	51-103	
Anthracene	3750	45 U	3150	84	50-107	
Benzo[a]anthracene	3750	2.6 U	2990	80	46-112	
Benzo[a]pyrene	3750	2.6 U	3020	80	36-89	
Benzo[b]fluoranthene	3750	2.4 U	2840	76	33-96	
Benzo[g,h,i]perylene	3750	28 U	3450	92	43-106	
Benzo[k]fluoranthene	3750	2.8 U	3070	82	35-115	
bis (2-chloroisopropyl) ether	3750	41 U	3150	84	45-102	
Bis(2-chloroethoxy)methane	3750	48 U	3250	87	51-100	
Bis(2-chloroethyl)ether	3750	5.1 U	3040	81	44-101	
Bis(2-ethylhexyl) phthalate	3750	120 U	3140	84	49-119	
Butyl benzyl phthalate	3750	34 U	3000	80	49-117	
Carbazole	3750	44 U	3360	89	49-104	
Chrysene	3750	43 U	3120	83	45-114	
Dibenz(a,h)anthracene	3750	4.7 U	3400	91	43-107	
Dibenzofuran	3750	44 U	3110	83	52-106	
Diethyl phthalate	3750	44 U	3220	86	52-114	
Dimethyl phthalate	3750	44 U	3270	87	52-112	
Di-n-butyl phthalate	3750	46 U	3400	91	50-108	
Di-n-octyl phthalate	3750	24 U	2930	78	40-106	
Fluoranthene	3750	50 U	3310	88	49-108	
Fluorene	3750	48 U	3100	83	51-108	
Hexachlorobenzene	3750	5.1 U	3220	86	43-104	
Hexachlorobutadiene	3750	9.1 U	3150	84	45-98	
Hexachlorocyclopentadiene	3750	44 U	2730	73	24-98	
Hexachloroethane	3750	4.1 U	3140	84	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35598.d

Lab ID: 460-52450-25 MS Client ID: PMP-10-NE-SI MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3750	6.9 U	3680	98	43-109	
Isophorone	3750	45 U	3050	81	48-97	
Naphthalene	3750	43 U	3480	93	53-94	
Nitrobenzene	3750	5.3 U	3240	86	42-106	
N-Nitrosodi-n-propylamine	3750	6.2 U	2820	75	42-107	
N-Nitrosodiphenylamine	3750	37 U	3480	93	49-106	
Phenanthrene	3750	47 U	3220	86	48-108	
Pyrene	3750	31 U	2670	71	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35517.d

Lab ID: 460-52450-41 MS Client ID: PMP-28-NE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3480	3.9 U	2500	72	48-94	
1,2-Dichlorobenzene	3480	40 U	2590	74	48-87	
1,3-Dichlorobenzene	3480	31 U	2530	73	47-84	
1,4-Dichlorobenzene	3480	39 U	2560	74	47-85	
2,4-Dinitrotoluene	3480	11 U	2950	85	53-110	
2,6-Dinitrotoluene	3480	10 U	2810	81	51-115	
2-Chloronaphthalene	3480	39 U	2620	75	51-102	
2-Methylnaphthalene	3480	44 U	2680	77	51-98	
2-Nitroaniline	3480	140 U	3000	86	51-109	
3,3'-Dichlorobenzidine	3480	120 U	2070	60	24-105	
3-Nitroaniline	3480	120 U	1740	50	32-104	
4-Bromophenyl phenyl ether	3480	34 U	2640	76	44-102	
4-Chloroaniline	3480	91 U	1410	41	10-96	
4-Chlorophenyl phenyl ether	3480	41 U	2710	78	50-106	
4-Nitroaniline	3480	110 U	2920	84	45-106	
Acenaphthene	3480	50 U	2760	79	46-100	
Acenaphthylene	3480	41 U	2690	77	51-103	
Anthracene	3480	42 U	2680	77	50-107	
Benzo[a]anthracene	3480	2.4 U	2600	75	46-112	
Benzo[a]pyrene	3480	2.4 U	2620	75	36-89	
Benzo[b]fluoranthene	3480	2.2 U	2450	70	33-96	
Benzo[g,h,i]perylene	3480	26 U	2390	69	43-106	
Benzo[k]fluoranthene	3480	2.6 U	2620	75	35-115	
bis (2-chloroisopropyl) ether	3480	38 U	2670	77	45-102	
Bis(2-chloroethoxy)methane	3480	45 U	2660	77	51-100	
Bis(2-chloroethyl)ether	3480	4.7 U	2520	73	44-101	
Bis(2-ethylhexyl) phthalate	3480	110 U	2840	82	49-119	
Butyl benzyl phthalate	3480	32 U	2820	81	49-117	
Carbazole	3480	41 U	2900	83	49-104	
Chrysene	3480	40 U	2660	77	45-114	
Dibenz(a,h)anthracene	3480	4.4 U	2590	74	43-107	
Dibenzofuran	3480	41 U	2690	77	52-106	
Diethyl phthalate	3480	41 U	2870	83	52-114	
Dimethyl phthalate	3480	41 U	2910	84	52-112	
Di-n-butyl phthalate	3480	43 U	2930	84	50-108	
Di-n-octyl phthalate	3480	22 U	2640	76	40-106	
Fluoranthene	3480	46 U	2990	86	49-108	
Fluorene	3480	44 U	2720	78	51-108	
Hexachlorobenzene	3480	4.7 U	2690	77	43-104	
Hexachlorobutadiene	3480	8.4 U	2490	71	45-98	
Hexachlorocyclopentadiene	3480	41 U	2260	65	24-98	
Hexachloroethane	3480	3.8 U	2540	73	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35517.d

Lab ID: 460-52450-41 MS Client ID: PMP-28-NE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3480	6.4 U	2140	62	43-109	
Isophorone	3480	42 U	2430	70	48-97	
Naphthalene	3480	40 U	2760	79	53-94	
Nitrobenzene	3480	4.9 U	2570	74	42-106	
N-Nitrosodi-n-propylamine	3480	5.8 U	2880	83	42-107	
N-Nitrosodiphenylamine	3480	34 U	2880	83	49-106	
Phenanthrene	3480	44 U	2760	79	48-108	
Pyrene	3480	29 U	2600	75	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z20084.d

Lab ID: 460-52468-C-3-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	100	0.26 U	94.1	94	58-98	
1,2-Dichlorobenzene	100	2.5 U	94.7	95	57-98	
1,3-Dichlorobenzene	100	2.4 U	93.9	94	54-97	
1,4-Dichlorobenzene	100	2.5 U	93.7	94	56-98	
2,4-Dinitrotoluene	100	0.47 U	100	100	65-113	
2,6-Dinitrotoluene	100	0.61 U	105	105	68-114	
2-Chloronaphthalene	100	2.7 U	97.6	98	65-107	
2-Methylnaphthalene	100	3.0 U	97.4	97	66-102	
2-Nitroaniline	100	4.9 U	102	102	73-116	
3,3'-Dichlorobenzidine	100	4.9 U	108	108	69-129	
3-Nitroaniline	100	5.0 U	99.4	99	59-108	
4-Bromophenyl phenyl ether	100	2.5 U	98.1	98	66-110	
4-Chloroaniline	100	2.0 U	84.4	84	58-105	
4-Chlorophenyl phenyl ether	100	2.5 U	101	101	68-105	
4-Nitroaniline	100	5.8 U	108	108	49-119	
Acenaphthene	100	2.7 U	96.7	97	66-108	
Acenaphthylene	100	2.7 U	97.7	98	67-107	
Anthracene	100	2.8 U	98.4	98	68-108	
Benzo[a]anthracene	100	0.27 U	92.5	92	65-106	
Benzo[a]pyrene	100	0.14 U	103	103	58-101	F
Benzo[b]fluoranthene	100	0.26 U	93.9	94	65-111	
Benzo[g,h,i]perylene	100	2.0 U	102	102	65-134	
Benzo[k]fluoranthene	100	0.26 U	94.5	95	66-114	
bis (2-chloroisopropyl) ether	100	2.0 U	95.2	95	68-107	
Bis(2-chloroethoxy)methane	100	2.6 U	98.9	99	69-108	
Bis(2-chloroethyl)ether	100	0.28 U	91.0	91	62-108	
Bis(2-ethylhexyl) phthalate	100	2.0 U	95.8	96	66-114	
Butyl benzyl phthalate	100	2.5 U	99.8	100	66-115	
Carbazole	100	3.2 U	101	101	67-110	
Chrysene	100	3.1 U	96.6	97	68-112	
Dibenz(a,h)anthracene	100	0.090 U	102	102	67-124	
Dibenzofuran	100	2.8 U	99.1	99	68-105	
Diethyl phthalate	100	2.9 U	104	104	66-109	
Dimethyl phthalate	100	2.8 U	102	102	69-111	
Di-n-butyl phthalate	100	2.9 U	99.8	100	68-111	
Di-n-octyl phthalate	100	1.5 U	100	100	51-115	
Fluoranthene	100	3.2 U	98.4	98	68-108	
Fluorene	100	2.8 U	101	101	68-105	
Hexachlorobenzene	100	0.29 U	98.0	98	65-107	
Hexachlorobutadiene	100	0.57 U	89.0	89	52-99	
Hexachlorocyclopentadiene	100	1.7 U	71.1	71	40-105	
Hexachloroethane	100	0.25 U	94.3	94	50-99	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z20084.d

Lab ID: 460-52468-C-3-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	100	0.15 U	105	105	68-121	
Isophorone	100	2.7 U	95.2	95	68-108	
Naphthalene	100	2.7 U	96.3	96	63-101	
Nitrobenzene	100	0.30 U	90.8	91	66-106	
N-Nitrosodi-n-propylamine	100	0.25 U	102	102	70-109	
N-Nitrosodiphenylamine	100	2.9 U	114	114	71-121	
Phenanthrene	100	3.1 U	99.1	99	68-110	
Pyrene	100	2.9 U	95.3	95	61-110	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35507.d

Lab ID: 460-52492-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3740	4.2 U	2600	69	48-94	
1,2-Dichlorobenzene	3740	43 U	2610	70	48-87	
1,3-Dichlorobenzene	3740	34 U	2580	69	47-84	
1,4-Dichlorobenzene	3740	42 U	2620	70	47-85	
2,4-Dinitrotoluene	3740	12 U	2880	77	53-110	
2,6-Dinitrotoluene	3740	11 U	2910	78	51-115	
2-Chloronaphthalene	3740	41 U	2720	73	51-102	
2-Methylnaphthalene	3740	48 U	2850	76	51-98	
2-Nitroaniline	3740	150 U	2610	70	51-109	
3,3'-Dichlorobenzidine	3740	130 U	2070	55	24-105	
3-Nitroaniline	3740	130 U	1910	51	32-104	
4-Bromophenyl phenyl ether	3740	37 U	2920	78	44-102	
4-Chloroaniline	3740	98 U	1640	44	10-96	
4-Chlorophenyl phenyl ether	3740	43 U	2820	75	50-106	
4-Nitroaniline	3740	120 U	2790	74	45-106	
Acenaphthene	3740	54 U	2820	75	46-100	
Acenaphthylene	3740	44 U	2750	73	51-103	
Anthracene	3740	45 U	2790	75	50-107	
Benzo[a]anthracene	3740	2.6 U	2750	74	46-112	
Benzo[a]pyrene	3740	2.6 U	2760	74	36-89	
Benzo[b]fluoranthene	3740	2.3 U	2640	70	33-96	
Benzo[g,h,i]perylene	3740	27 U	2640	70	43-106	
Benzo[k]fluoranthene	3740	2.8 U	2770	74	35-115	
bis (2-chloroisopropyl) ether	3740	41 U	2760	74	45-102	
Bis(2-chloroethoxy)methane	3740	48 U	2910	78	51-100	
Bis(2-chloroethyl)ether	3740	5.0 U	2630	70	44-101	
Bis(2-ethylhexyl) phthalate	3740	120 U	2960	79	49-119	
Butyl benzyl phthalate	3740	34 U	2870	77	49-117	
Carbazole	3740	44 U	2870	77	49-104	
Chrysene	3740	43 U	2800	75	45-114	
Dibenz(a,h)anthracene	3740	4.7 U	2870	77	43-107	
Dibenzofuran	3740	43 U	2740	73	52-106	
Diethyl phthalate	3740	44 U	2910	78	52-114	
Dimethyl phthalate	3740	44 U	2910	78	52-112	
Di-n-butyl phthalate	3740	46 U	2870	77	50-108	
Di-n-octyl phthalate	3740	24 U	2980	80	40-106	
Fluoranthene	3740	49 U	2880	77	49-108	
Fluorene	3740	47 U	2770	74	51-108	
Hexachlorobenzene	3740	5.1 U	2880	77	43-104	
Hexachlorobutadiene	3740	9.0 U	2560	68	45-98	
Hexachlorocyclopentadiene	3740	44 U	2370	63	24-98	
Hexachloroethane	3740	4.1 U	2610	70	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35507.d

Lab ID: 460-52492-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3740	6.9 U	2590	69	43-109	
Isophorone	3740	45 U	2710	72	48-97	
Naphthalene	3740	43 U	2840	76	53-94	
Nitrobenzene	3740	5.3 U	2750	74	42-106	
N-Nitrosodi-n-propylamine	3740	6.2 U	3090	83	42-107	
N-Nitrosodiphenylamine	3740	36 U	3090	82	49-106	
Phenanthrene	3740	47 U	2850	76	48-108	
Pyrene	3740	31 U	2620	70	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35615.d

Lab ID: 460-52450-1 MSD Client ID: PMP-21-NE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3480	2660	76	7	30	48-94	
1,2-Dichlorobenzene	3480	2600	75	7	30	48-87	
1,3-Dichlorobenzene	3480	2520	73	5	30	47-84	
1,4-Dichlorobenzene	3480	2520	72	4	30	47-85	
2,4-Dinitrotoluene	3480	2650	76	1	30	53-110	
2,6-Dinitrotoluene	3480	2790	80	6	30	51-115	
2-Chloronaphthalene	3480	2960	85	9	30	51-102	
2-Methylnaphthalene	3480	2610	75	7	30	51-98	
2-Nitroaniline	3480	2560	74	9	30	51-109	
3,3'-Dichlorobenzidine	3480	1900	55	11	30	24-105	
3-Nitroaniline	3480	1690	49	3	30	32-104	
4-Bromophenyl phenyl ether	3480	2840	82	2	30	44-102	
4-Chloroaniline	3480	764	22	6	30	10-96	
4-Chlorophenyl phenyl ether	3480	2600	75	1	30	50-106	
4-Nitroaniline	3480	2240	64	1	30	45-106	
Acenaphthene	3480	2780	80	4	30	46-100	
Acenaphthylene	3480	2840	82	5	30	51-103	
Anthracene	3480	2730	79	1	30	50-107	
Benzo[a]anthracene	3480	2590	74	4	30	46-112	
Benzo[a]pyrene	3480	2620	75	3	30	36-89	
Benzo[b]fluoranthene	3480	2360	68	3	30	33-96	
Benzo[g,h,i]perylene	3480	2920	84	8	30	43-106	
Benzo[k]fluoranthene	3480	2580	74	1	30	35-115	
bis (2-chloroisopropyl) ether	3480	2800	80	10	30	45-102	
Bis(2-chloroethoxy)methane	3480	2820	81	9	30	51-100	
Bis(2-chloroethyl)ether	3480	2620	75	10	30	44-101	
Bis(2-ethylhexyl) phthalate	3480	2710	78	8	30	49-119	
Butyl benzyl phthalate	3480	2610	75	6	30	49-117	
Carbazole	3480	2790	80	0	30	49-104	
Chrysene	3480	2750	79	4	30	45-114	
Dibenz(a,h)anthracene	3480	3020	87	8	30	43-107	
Dibenzofuran	3480	2720	78	4	30	52-106	
Diethyl phthalate	3480	2650	76	1	30	52-114	
Dimethyl phthalate	3480	2840	82	3	30	52-112	
Di-n-butyl phthalate	3480	2730	79	0	30	50-108	
Di-n-octyl phthalate	3480	2280	65	1	30	40-106	
Fluoranthene	3480	2640	76	0	30	49-108	
Fluorene	3480	2650	76	2	30	51-108	
Hexachlorobenzene	3480	2810	81	3	30	43-104	
Hexachlorobutadiene	3480	2610	75	5	30	45-98	
Hexachlorocyclopentadiene	3480	2600	75	14	30	24-98	
Hexachloroethane	3480	2550	73	5	30	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35615.d

Lab ID: 460-52450-1 MSD Client ID: PMP-21-NE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3480	3180	92	6	30	43-109	
Isophorone	3480	2560	73	9	30	48-97	
Naphthalene	3480	2890	83	5	30	53-94	
Nitrobenzene	3480	2830	81	10	30	42-106	
N-Nitrosodi-n-propylamine	3480	2000	58	4	30	42-107	
N-Nitrosodiphenylamine	3480	3180	91	0	30	49-106	
Phenanthrene	3480	2790	80	1	30	48-108	
Pyrene	3480	2330	67	6	30	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35599.d

Lab ID: 460-52450-25 MSD Client ID: PMP-10-NE-SI MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3750	3100	83	2	30	48-94	
1,2-Dichlorobenzene	3750	3270	87	5	30	48-87	
1,3-Dichlorobenzene	3750	3230	86	1	30	47-84	F
1,4-Dichlorobenzene	3750	3260	87	2	30	47-85	F
2,4-Dinitrotoluene	3750	3530	94	13	30	53-110	
2,6-Dinitrotoluene	3750	3610	96	15	30	51-115	
2-Chloronaphthalene	3750	3400	91	7	30	51-102	
2-Methylnaphthalene	3750	3250	86	4	30	51-98	
2-Nitroaniline	3750	3350	89	17	30	51-109	
3,3'-Dichlorobenzidine	3750	3030	81	8	30	24-105	
3-Nitroaniline	3750	2170	58	2	30	32-104	
4-Bromophenyl phenyl ether	3750	3640	97	12	30	44-102	
4-Chloroaniline	3750	1990	53	15	30	10-96	
4-Chlorophenyl phenyl ether	3750	3500	93	12	30	50-106	
4-Nitroaniline	3750	3430	91	15	30	45-106	
Acenaphthene	3750	3530	94	9	30	46-100	
Acenaphthylene	3750	3500	93	10	30	51-103	
Anthracene	3750	3480	93	10	30	50-107	
Benzo[a]anthracene	3750	3330	89	11	30	46-112	
Benzo[a]pyrene	3750	3520	94	15	30	36-89	F
Benzo[b]fluoranthene	3750	3230	86	13	30	33-96	
Benzo[g,h,i]perylene	3750	4030	107	16	30	43-106	F
Benzo[k]fluoranthene	3750	3560	95	15	30	35-115	
bis (2-chloroisopropyl) ether	3750	3420	91	8	30	45-102	
Bis(2-chloroethoxy)methane	3750	3460	92	6	30	51-100	
Bis(2-chloroethyl)ether	3750	3200	85	5	30	44-101	
Bis(2-ethylhexyl) phthalate	3750	3630	97	15	30	49-119	
Butyl benzyl phthalate	3750	3520	94	16	30	49-117	
Carbazole	3750	3670	98	9	30	49-104	
Chrysene	3750	3510	93	12	30	45-114	
Dibenz(a,h)anthracene	3750	3880	103	13	30	43-107	
Dibenzofuran	3750	3460	92	11	30	52-106	
Diethyl phthalate	3750	3610	96	11	30	52-114	
Dimethyl phthalate	3750	3680	98	12	30	52-112	
Di-n-butyl phthalate	3750	3710	99	9	30	50-108	
Di-n-octyl phthalate	3750	3500	93	18	30	40-106	
Fluoranthene	3750	3620	97	9	30	49-108	
Fluorene	3750	3480	93	11	30	51-108	
Hexachlorobenzene	3750	3610	96	12	30	43-104	
Hexachlorobutadiene	3750	3050	81	3	30	45-98	
Hexachlorocyclopentadiene	3750	2680	71	2	30	24-98	
Hexachloroethane	3750	3260	87	4	30	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35599.d

Lab ID: 460-52450-25 MSD Client ID: PMP-10-NE-SI MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3750	3790	101	3	30	43-109	
Isophorone	3750	3260	87	7	30	48-97	
Naphthalene	3750	3630	97	4	30	53-94	F
Nitrobenzene	3750	3260	87	0	30	42-106	
N-Nitrosodi-n-propylamine	3750	2640	70	6	30	42-107	
N-Nitrosodiphenylamine	3750	3910	104	12	30	49-106	
Phenanthrene	3750	3550	94	10	30	48-108	
Pyrene	3750	3070	82	14	30	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35518.d

Lab ID: 460-52450-41 MSD Client ID: PMP-28-NE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3480	2650	76	6	30	48-94	
1,2-Dichlorobenzene	3480	2670	77	3	30	48-87	
1,3-Dichlorobenzene	3480	2610	75	3	30	47-84	
1,4-Dichlorobenzene	3480	2620	75	2	30	47-85	
2,4-Dinitrotoluene	3480	2760	80	6	30	53-110	
2,6-Dinitrotoluene	3480	2870	83	2	30	51-115	
2-Chloronaphthalene	3480	2710	78	3	30	51-102	
2-Methylnaphthalene	3480	2790	80	4	30	51-98	
2-Nitroaniline	3480	2710	78	10	30	51-109	
3,3'-Dichlorobenzidine	3480	2000	58	3	30	24-105	
3-Nitroaniline	3480	1570	45	11	30	32-104	
4-Bromophenyl phenyl ether	3480	3050	88	14	30	44-102	
4-Chloroaniline	3480	1340	39	5	30	10-96	
4-Chlorophenyl phenyl ether	3480	2780	80	2	30	50-106	
4-Nitroaniline	3480	2450	70	18	30	45-106	
Acenaphthene	3480	2800	81	2	30	46-100	
Acenaphthylene	3480	2700	78	0	30	51-103	
Anthracene	3480	2680	77	0	30	50-107	
Benzo[a]anthracene	3480	2650	76	2	30	46-112	
Benzo[a]pyrene	3480	2740	79	5	30	36-89	
Benzo[b]fluoranthene	3480	2460	71	1	30	33-96	
Benzo[g,h,i]perylene	3480	2780	80	15	30	43-106	
Benzo[k]fluoranthene	3480	2670	77	2	30	35-115	
bis (2-chloroisopropyl) ether	3480	2870	82	7	30	45-102	
Bis(2-chloroethoxy)methane	3480	2940	84	10	30	51-100	
Bis(2-chloroethyl)ether	3480	2710	78	7	30	44-101	
Bis(2-ethylhexyl) phthalate	3480	2950	85	4	30	49-119	
Butyl benzyl phthalate	3480	2810	81	0	30	49-117	
Carbazole	3480	2660	76	9	30	49-104	
Chrysene	3480	2780	80	4	30	45-114	
Dibenz(a,h)anthracene	3480	2940	84	13	30	43-107	
Dibenzofuran	3480	2700	78	0	30	52-106	
Diethyl phthalate	3480	2810	81	2	30	52-114	
Dimethyl phthalate	3480	2900	83	0	30	52-112	
Di-n-butyl phthalate	3480	2800	81	5	30	50-108	
Di-n-octyl phthalate	3480	2760	79	4	30	40-106	
Fluoranthene	3480	2550	73	16	30	49-108	
Fluorene	3480	2720	78	0	30	51-108	
Hexachlorobenzene	3480	2980	86	10	30	43-104	
Hexachlorobutadiene	3480	2600	75	5	30	45-98	
Hexachlorocyclopentadiene	3480	2460	71	8	30	24-98	
Hexachloroethane	3480	2680	77	5	30	45-90	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35518.d

Lab ID: 460-52450-41 MSD Client ID: PMP-28-NE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3480	2620	75	20	30	43-109	
Isophorone	3480	2750	79	12	30	48-97	
Naphthalene	3480	2830	81	2	30	53-94	
Nitrobenzene	3480	2830	81	9	30	42-106	
N-Nitrosodi-n-propylamine	3480	3190	92	10	30	42-107	
N-Nitrosodiphenylamine	3480	3230	93	11	30	49-106	
Phenanthrene	3480	2790	80	1	30	48-108	
Pyrene	3480	2570	74	1	30	49-116	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z20085.d

Lab ID: 460-52468-D-3-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	100	87.5	87	7	30	58-98	
1,2-Dichlorobenzene	100	85.6	86	10	30	57-98	
1,3-Dichlorobenzene	100	85.1	85	10	30	54-97	
1,4-Dichlorobenzene	100	84.6	85	10	30	56-98	
2,4-Dinitrotoluene	100	96.2	96	4	30	65-113	
2,6-Dinitrotoluene	100	98.0	98	7	30	68-114	
2-Chloronaphthalene	100	91.9	92	6	30	65-107	
2-Methylnaphthalene	100	92.0	92	6	30	66-102	
2-Nitroaniline	100	97.8	98	4	30	73-116	
3,3'-Dichlorobenzidine	100	103	103	4	30	69-129	
3-Nitroaniline	100	96.2	96	3	30	59-108	
4-Bromophenyl phenyl ether	100	95.9	96	2	30	66-110	
4-Chloroaniline	100	83.6	84	1	30	58-105	
4-Chlorophenyl phenyl ether	100	93.6	94	7	30	68-105	
4-Nitroaniline	100	102	102	6	30	49-119	
Acenaphthene	100	89.1	89	8	30	66-108	
Acenaphthylene	100	91.9	92	6	30	67-107	
Anthracene	100	93.3	93	5	30	68-108	
Benzo[a]anthracene	100	88.5	88	4	30	65-106	
Benzo[a]pyrene	100	95.8	96	7	30	58-101	
Benzo[b]fluoranthene	100	88.2	88	6	30	65-111	
Benzo[g,h,i]perylene	100	99.5	99	3	30	65-134	
Benzo[k]fluoranthene	100	91.7	92	3	30	66-114	
bis (2-chloroisopropyl) ether	100	86.3	86	10	30	68-107	
Bis(2-chloroethoxy)methane	100	92.4	92	7	30	69-108	
Bis(2-chloroethyl)ether	100	83.6	84	8	30	62-108	
Bis(2-ethylhexyl) phthalate	100	92.2	92	4	30	66-114	
Butyl benzyl phthalate	100	93.3	93	7	30	66-115	
Carbazole	100	95.8	96	6	30	67-110	
Chrysene	100	92.9	93	4	30	68-112	
Dibenz(a,h)anthracene	100	98.2	98	3	30	67-124	
Dibenzofuran	100	93.0	93	6	30	68-105	
Diethyl phthalate	100	99.5	100	4	30	66-109	
Dimethyl phthalate	100	96.3	96	6	30	69-111	
Di-n-butyl phthalate	100	95.7	96	4	30	68-111	
Di-n-octyl phthalate	100	93.6	94	7	30	51-115	
Fluoranthene	100	94.5	94	4	30	68-108	
Fluorene	100	94.7	95	6	30	68-105	
Hexachlorobenzene	100	92.5	93	6	30	65-107	
Hexachlorobutadiene	100	83.8	84	6	30	52-99	
Hexachlorocyclopentadiene	100	67.6	68	5	30	40-105	
Hexachloroethane	100	84.5	84	11	30	50-99	

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.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z20085.d

Lab ID: 460-52468-D-3-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	100	99.5	99	5	30	68-121	
Isophorone	100	89.6	90	6	30	68-108	
Naphthalene	100	88.9	89	8	30	63-101	
Nitrobenzene	100	85.1	85	7	30	66-106	
N-Nitrosodi-n-propylamine	100	92.8	93	10	30	70-109	
N-Nitrosodiphenylamine	100	107	107	7	30	71-121	
Phenanthrene	100	96.0	96	3	30	68-110	
Pyrene	100	88.1	88	8	30	61-110	

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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35508.d

Lab ID: 460-52492-A-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3730	2300	62	12	30	48-94	
1,2-Dichlorobenzene	3730	1810	49	36	30	48-87	F
1,3-Dichlorobenzene	3730	1680	45	42	30	47-84	F
1,4-Dichlorobenzene	3730	1730	46	41	30	47-85	F
2,4-Dinitrotoluene	3730	2950	79	2	30	53-110	
2,6-Dinitrotoluene	3730	2860	77	2	30	51-115	
2-Chloronaphthalene	3730	2790	75	3	30	51-102	
2-Methylnaphthalene	3730	2680	72	6	30	51-98	
2-Nitroaniline	3730	3090	83	17	30	51-109	
3,3'-Dichlorobenzidine	3730	2270	61	9	30	24-105	
3-Nitroaniline	3730	1900	51	1	30	32-104	
4-Bromophenyl phenyl ether	3730	3050	82	4	30	44-102	
4-Chloroaniline	3730	1560	42	5	30	10-96	
4-Chlorophenyl phenyl ether	3730	2890	78	3	30	50-106	
4-Nitroaniline	3730	2730	73	2	30	45-106	
Acenaphthene	3730	2930	79	4	30	46-100	
Acenaphthylene	3730	2880	77	5	30	51-103	
Anthracene	3730	2960	79	6	30	50-107	
Benzo[a]anthracene	3730	2840	76	3	30	46-112	
Benzo[a]pyrene	3730	2820	76	2	30	36-89	
Benzo[b]fluoranthene	3730	2690	72	2	30	33-96	
Benzo[g,h,i]perylene	3730	2910	78	10	30	43-106	
Benzo[k]fluoranthene	3730	2740	73	1	30	35-115	
bis (2-chloroisopropyl) ether	3730	2270	61	20	30	45-102	
Bis(2-chloroethoxy)methane	3730	2700	72	8	30	51-100	
Bis(2-chloroethyl)ether	3730	1990	53	28	30	44-101	
Bis(2-ethylhexyl) phthalate	3730	2980	80	1	30	49-119	
Butyl benzyl phthalate	3730	2870	77	0	30	49-117	
Carbazole	3730	2980	80	4	30	49-104	
Chrysene	3730	2910	78	4	30	45-114	
Dibenz(a,h)anthracene	3730	3110	83	8	30	43-107	
Dibenzofuran	3730	2880	77	5	30	52-106	
Diethyl phthalate	3730	2930	78	1	30	52-114	
Dimethyl phthalate	3730	2970	79	2	30	52-112	
Di-n-butyl phthalate	3730	3030	81	5	30	50-108	
Di-n-octyl phthalate	3730	2710	72	10	30	40-106	
Fluoranthene	3730	3030	81	5	30	49-108	
Fluorene	3730	2890	77	4	30	51-108	
Hexachlorobenzene	3730	3040	81	5	30	43-104	
Hexachlorobutadiene	3730	2160	58	17	30	45-98	
Hexachlorocyclopentadiene	3730	2390	64	1	30	24-98	
Hexachloroethane	3730	1740	47	40	30	45-90	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.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p35508.d

Lab ID: 460-52492-A-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3730	2710	72	4	30	43-109	
Isophorone	3730	2530	68	7	30	48-97	
Naphthalene	3730	2550	68	11	30	53-94	
Nitrobenzene	3730	2460	66	11	30	42-106	
N-Nitrosodi-n-propylamine	3730	2720	73	13	30	42-107	
N-Nitrosodiphenylamine	3730	3180	85	3	30	49-106	
Phenanthrene	3730	3030	81	6	30	48-108	
Pyrene	3730	2550	68	3	30	49-116	

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.: 460-52450-1

SDG No.:

Lab File ID: p35609.d Lab Sample ID: MB 460-151520/1-A

Matrix: Solid Date Extracted: 03/18/2013 09:52

Instrument ID: BNAMS10 Date Analyzed: 03/21/2013 06:25

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151520/2-A	p35608.d	03/21/2013 05:59
PMP-21-NE-VD	460-52450-1	p35613.d	03/21/2013 08:06
PMP-21-NE-VD MS	460-52450-1 MS	p35614.d	03/21/2013 08:31
PMP-21-NE-VD MSD	460-52450-1 MSD	p35615.d	03/21/2013 08:56

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: z20040.d Lab Sample ID: MB 460-151546/1-A

Matrix: Water Date Extracted: 03/18/2013 11:42

Instrument ID: BNAMS11 Date Analyzed: 03/22/2013 07:22

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151546/2-A	z20045.d	03/22/2013 09:30
FB_031513	460-52450-45	z20083.d	03/23/2013 23:39
	460-52468-C-3-A MS	z20084.d	03/24/2013 00:04
	460-52468-D-3-A MSD	z20085.d	03/24/2013 00:30

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35513.d Lab Sample ID: MB 460-151635/1-A

Matrix: Solid Date Extracted: 03/18/2013 18:18

Instrument ID: BNAMS10 Date Analyzed: 03/19/2013 07:20

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151635/2-A	p35504.d	03/19/2013 03:31
	460-52492-A-1-A MS	p35507.d	03/19/2013 04:47
	460-52492-A-1-B MSD	p35508.d	03/19/2013 05:13
PMP-21-NE-WT	460-52450-2	p35526.d	03/19/2013 14:13
PMP-21-NE-SI	460-52450-3	p35527.d	03/19/2013 14:38
PMP-8-NE-VD	460-52450-7	p35528.d	03/19/2013 15:03
PMP-8-NE-WT	460-52450-8	p35529.d	03/19/2013 15:29
PMP-22-NE-VD	460-52450-12	p35530.d	03/19/2013 15:54
PMP-22-NE-WT	460-52450-13	p35531.d	03/19/2013 16:19
PMP-6-NE-VD	460-52450-14	p35532.d	03/19/2013 16:44
PMP-6-NE-WT	460-52450-15	p35533.d	03/19/2013 17:10
PMP-6-NE-SI	460-52450-16	p35534.d	03/19/2013 17:35
PMP-5-NE-VD	460-52450-17	p35535.d	03/19/2013 18:00
PMP-5-NE-WT	460-52450-18	p35536.d	03/19/2013 18:26
PMP-5-NE-SI	460-52450-19	p35537.d	03/19/2013 18:51
PMP-14-NE VS	460-52450-5	p35545.d	03/19/2013 22:12
PMP-22-NE-VS	460-52450-11	p35546.d	03/19/2013 22:37
PMP-8-NE-VS	460-52450-6	p35547.d	03/19/2013 23:03
PMP-4-NE-VS	460-52450-9	p35548.d	03/19/2013 23:28
PMP-4-NE-VD	460-52450-10	p35549.d	03/19/2013 23:53
PMP-23-NE-VS	460-52450-4	p35550.d	03/20/2013 00:18
PMP-7-NE-VD	460-52450-20	p35577.d	03/20/2013 12:23

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35581.d Lab Sample ID: MB 460-151640/1-A

Matrix: Solid Date Extracted: 03/18/2013 18:52

Instrument ID: BNAMS10 Date Analyzed: 03/20/2013 16:58

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151640/2-A	p35582.d	03/20/2013 17:24
PMP-13-NE-SI	460-52450-32	p35590.d	03/20/2013 21:54
PMP-13-NE-SD	460-52450-33	p35591.d	03/20/2013 22:19
PMP-16-NE-VD	460-52450-34	p35592.d	03/20/2013 22:44
PMP-7-NE-SI	460-52450-22	p35594.d	03/20/2013 23:34
PMP-10-NE-VD	460-52450-23	p35595.d	03/20/2013 23:59
PMP-10-NE-WT	460-52450-24	p35596.d	03/21/2013 00:24
PMP-10-NE-SI	460-52450-25	p35597.d	03/21/2013 00:49
PMP-10-NE-SI MS	460-52450-25 MS	p35598.d	03/21/2013 01:15
PMP-10-NE-SI MSD	460-52450-25 MSD	p35599.d	03/21/2013 01:40
PMP-10-NE-SD	460-52450-26	p35600.d	03/21/2013 02:05
PMP-9-NE-VD	460-52450-27	p35601.d	03/21/2013 02:30
PMP-9-NE-WT	460-52450-28	p35602.d	03/21/2013 02:56
PMP-9-NE-SI	460-52450-29	p35603.d	03/21/2013 03:21
PMP-16-NE-WT	460-52450-35	p35629.d	03/21/2013 14:51
PMP-16-NE-SI	460-52450-36	p35630.d	03/21/2013 15:16
PMP-15-NE-WT	460-52450-38	p35638.d	03/21/2013 19:25
PMP-15-NE-SI	460-52450-39	p35639.d	03/21/2013 19:50
PMP-15-NE-SD	460-52450-40	p35640.d	03/21/2013 20:16
PMP-7-NE-WT	460-52450-21	p35643.d	03/21/2013 21:31
PMP-13-NE-VD	460-52450-30	p35644.d	03/21/2013 21:56
PMP-13-NE-WT DL	460-52450-31 DL	p35645.d	03/21/2013 22:21
PMP-15-NE-VD	460-52450-37	p35646.d	03/21/2013 22:47

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35520.d Lab Sample ID: MB 460-151648/1-A

Matrix: Solid Date Extracted: 03/18/2013 21:53

Instrument ID: BNAMS10 Date Analyzed: 03/19/2013 10:19

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151648/2-A	p35509.d	03/19/2013 05:38
PMP-28-NE-VD MS	460-52450-41 MS	p35517.d	03/19/2013 09:01
PMP-28-NE-VD MSD	460-52450-41 MSD	p35518.d	03/19/2013 09:29
PMP-28-NE-VD	460-52450-41	p35519.d	03/19/2013 09:53
PMP-28-NE-SI	460-52450-43	p35538.d	03/19/2013 19:16
PMP-28-NE-SD	460-52450-44	p35539.d	03/19/2013 19:41
PMP-28-NE-WT	460-52450-42	p35575.d	03/20/2013 11:32

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35463.d DFTPP Injection Date: 03/17/2013

Instrument ID: BNAMS10 DFTPP Injection Time: 19:40

Analysis Batch No.: 151579

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	41.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	41.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.3	
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	6.5	
275	10.0 - 30.0 % of mass 198	27.7	
365	Greater than 1.0 % of mass 198	3.6	
441	Present but less than mass 443	13.3	(67.3)3
442	Greater than 40.0 % of mass 198	98.5	
443	17.0 - 23.0 % of mass 442	19.7	(20.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-151579/2	p35464.d	03/17/2013	20:02
	IC 460-151579/3	p35465.d	03/17/2013	20:55
	IC 460-151579/4	p35466.d	03/17/2013	21:21
	IC 460-151579/5	p35467.d	03/17/2013	21:46
	IC 460-151579/6	p35468.d	03/17/2013	22:12
	IC 460-151579/7	p35469.d	03/17/2013	22:36

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35502.d DFTPP Injection Date: 03/19/2013

Instrument ID: BNAMS10 DFTPP Injection Time: 01:13

Analysis Batch No.: 151725

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	41.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.2	
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	5.6	
275	10.0 - 30.0 % of mass 198	27.4	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	14.9	(70.2)3
442	Greater than 40.0 % of mass 198	102.1	
443	17.0 - 23.0 % of mass 442	21.2	(20.8)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-151725/2	p35503.d	03/19/2013	01:32
	LCS 460-151635/2-A	p35504.d	03/19/2013	03:31
	460-52492-A-1-A MS	p35507.d	03/19/2013	04:47
	460-52492-A-1-B MSD	p35508.d	03/19/2013	05:13
	LCS 460-151648/2-A	p35509.d	03/19/2013	05:38
	MB 460-151635/1-A	p35513.d	03/19/2013	07:20
PMP-28-NE-VD MS	460-52450-41 MS	p35517.d	03/19/2013	09:01
PMP-28-NE-VD MSD	460-52450-41 MSD	p35518.d	03/19/2013	09:29
PMP-28-NE-VD	460-52450-41	p35519.d	03/19/2013	09:53
	MB 460-151648/1-A	p35520.d	03/19/2013	10:19

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35524.d DFTPP Injection Date: 03/19/2013

Instrument ID: BNAMS10 DFTPP Injection Time: 13:05

Analysis Batch No.: 152275

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.6	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	42.4	
70	Less than 2.0 % of mass 69	0.0	(0.0)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	7.0	
275	10.0 - 30.0 % of mass 198	28.2	
365	Greater than 1.0 % of mass 198	1.6	
441	Present but less than mass 443	13.8	(74.5)3
442	Greater than 40.0 % of mass 198	98.8	
443	17.0 - 23.0 % of mass 442	18.6	(18.8)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152275/2	p35525.d	03/19/2013	13:31
PMP-21-NE-WT	460-52450-2	p35526.d	03/19/2013	14:13
PMP-21-NE-SI	460-52450-3	p35527.d	03/19/2013	14:38
PMP-8-NE-VD	460-52450-7	p35528.d	03/19/2013	15:03
PMP-8-NE-WT	460-52450-8	p35529.d	03/19/2013	15:29
PMP-22-NE-VD	460-52450-12	p35530.d	03/19/2013	15:54
PMP-22-NE-WT	460-52450-13	p35531.d	03/19/2013	16:19
PMP-6-NE-VD	460-52450-14	p35532.d	03/19/2013	16:44
PMP-6-NE-WT	460-52450-15	p35533.d	03/19/2013	17:10
PMP-6-NE-SI	460-52450-16	p35534.d	03/19/2013	17:35
PMP-5-NE-VD	460-52450-17	p35535.d	03/19/2013	18:00
PMP-5-NE-WT	460-52450-18	p35536.d	03/19/2013	18:26
PMP-5-NE-SI	460-52450-19	p35537.d	03/19/2013	18:51
PMP-28-NE-SI	460-52450-43	p35538.d	03/19/2013	19:16
PMP-28-NE-SD	460-52450-44	p35539.d	03/19/2013	19:41
PMP-14-NE VS	460-52450-5	p35545.d	03/19/2013	22:12
PMP-22-NE-VS	460-52450-11	p35546.d	03/19/2013	22:37
PMP-8-NE-VS	460-52450-6	p35547.d	03/19/2013	23:03
PMP-4-NE-VS	460-52450-9	p35548.d	03/19/2013	23:28
PMP-4-NE-VD	460-52450-10	p35549.d	03/19/2013	23:53
PMP-23-NE-VS	460-52450-4	p35550.d	03/20/2013	00:18

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35553.d DFTPP Injection Date: 03/20/2013

Instrument ID: BNAMS10 DFTPP Injection Time: 02:16

Analysis Batch No.: 152146

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	47.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	45.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.7	
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	26.3	
365	Greater than 1.0 % of mass 198	1.7	
441	Present but less than mass 443	11.9	(71.1)3
442	Greater than 40.0 % of mass 198	85.5	
443	17.0 - 23.0 % of mass 442	16.7	(19.6)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152146/2	p35554.d	03/20/2013	02:34
PMP-28-NE-WT	460-52450-42	p35575.d	03/20/2013	11:32
PMP-7-NE-VD	460-52450-20	p35577.d	03/20/2013	12:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35578.d DFTPP Injection Date: 03/20/2013

Instrument ID: BNAMS10 DFTPP Injection Time: 15:45

Analysis Batch No.: 152148

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	47.0	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	45.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	51.6	
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	6.5	
275	10.0 - 30.0 % of mass 198	29.2	
365	Greater than 1.0 % of mass 198	2.1	
441	Present but less than mass 443	13.4	(72.1)3
442	Greater than 40.0 % of mass 198	96.2	
443	17.0 - 23.0 % of mass 442	18.6	(19.3)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152148/2	p35579.d	03/20/2013	16:05
	MB 460-151640/1-A	p35581.d	03/20/2013	16:58
	LCS 460-151640/2-A	p35582.d	03/20/2013	17:24
PMP-13-NE-SI	460-52450-32	p35590.d	03/20/2013	21:54
PMP-13-NE-SD	460-52450-33	p35591.d	03/20/2013	22:19
PMP-16-NE-VD	460-52450-34	p35592.d	03/20/2013	22:44
PMP-7-NE-SI	460-52450-22	p35594.d	03/20/2013	23:34
PMP-10-NE-VD	460-52450-23	p35595.d	03/20/2013	23:59
PMP-10-NE-WT	460-52450-24	p35596.d	03/21/2013	00:24
PMP-10-NE-SI	460-52450-25	p35597.d	03/21/2013	00:49
PMP-10-NE-SI MS	460-52450-25 MS	p35598.d	03/21/2013	01:15
PMP-10-NE-SI MSD	460-52450-25 MSD	p35599.d	03/21/2013	01:40
PMP-10-NE-SD	460-52450-26	p35600.d	03/21/2013	02:05
PMP-9-NE-VD	460-52450-27	p35601.d	03/21/2013	02:30
PMP-9-NE-WT	460-52450-28	p35602.d	03/21/2013	02:56
PMP-9-NE-SI	460-52450-29	p35603.d	03/21/2013	03:21

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35606.d DFTPP Injection Date: 03/21/2013

Instrument ID: BNAMS10 DFTPP Injection Time: 04:51

Analysis Batch No.: 152178

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	43.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.0	
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	6.3	
275	10.0 - 30.0 % of mass 198	28.6	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	14.0	(74.2)3
442	Greater than 40.0 % of mass 198	95.3	
443	17.0 - 23.0 % of mass 442	18.8	(19.7)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152178/2	p35607.d	03/21/2013	05:10
	LCS 460-151520/2-A	p35608.d	03/21/2013	05:59
	MB 460-151520/1-A	p35609.d	03/21/2013	06:25
PMP-21-NE-VD	460-52450-1	p35613.d	03/21/2013	08:06
PMP-21-NE-VD MS	460-52450-1 MS	p35614.d	03/21/2013	08:31
PMP-21-NE-VD MSD	460-52450-1 MSD	p35615.d	03/21/2013	08:56
PMP-16-NE-WT	460-52450-35	p35629.d	03/21/2013	14:51
PMP-16-NE-SI	460-52450-36	p35630.d	03/21/2013	15:16

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: p35634.d DFTPP Injection Date: 03/21/2013

Instrument ID: BNAMS10 DFTPP Injection Time: 17:48

Analysis Batch No.: 152346

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	42.4	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.8	
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	6.5	
275	10.0 - 30.0 % of mass 198	27.5	
365	Greater than 1.0 % of mass 198	3.6	
441	Present but less than mass 443	14.4	(74.9)3
442	Greater than 40.0 % of mass 198	103.9	
443	17.0 - 23.0 % of mass 442	19.2	(18.5)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152346/2	p35635.d	03/21/2013	18:10
PMP-15-NE-WT	460-52450-38	p35638.d	03/21/2013	19:25
PMP-15-NE-SI	460-52450-39	p35639.d	03/21/2013	19:50
PMP-15-NE-SD	460-52450-40	p35640.d	03/21/2013	20:16
PMP-7-NE-WT	460-52450-21	p35643.d	03/21/2013	21:31
PMP-13-NE-VD	460-52450-30	p35644.d	03/21/2013	21:56
PMP-13-NE-WT DL	460-52450-31 DL	p35645.d	03/21/2013	22:21
PMP-15-NE-VD	460-52450-37	p35646.d	03/21/2013	22:47

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: z19994.d DFTPP Injection Date: 03/21/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 12:11

Analysis Batch No.: 152300

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	45.7	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.0	
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	25.2	
365	Greater than 1.0 % of mass 198	4.9	
441	Present but less than mass 443	10.8	(73.9)3
442	Greater than 40.0 % of mass 198	79.2	
443	17.0 - 23.0 % of mass 442	14.5	(18.4)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152300/2	z19997.d	03/21/2013	12:28
	IC 460-152300/3	z19998.d	03/21/2013	13:09
	IC 460-152300/4	z19999.d	03/21/2013	13:34
	IC 460-152300/5	z20000.d	03/21/2013	14:00
	IC 460-152300/6	z20001.d	03/21/2013	14:25
	IC 460-152300/7	z20002.d	03/21/2013	14:51

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: z20024.d DFTPP Injection Date: 03/22/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 00:15

Analysis Batch No.: 152320

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	57.9	
68	Less than 2.0 % of mass 69	0.9	(1.9)1
69	Mass 69 relative abundance	49.4	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	57.7	
197	Less than 1.0 % of mass 198	0.3	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.7	
275	10.0 - 30.0 % of mass 198	24.9	
365	Greater than 1.0 % of mass 198	4.7	
441	Present but less than mass 443	13.0	(85.3)3
442	Greater than 40.0 % of mass 198	85.5	
443	17.0 - 23.0 % of mass 442	15.3	(17.9)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152320/2	z20025.d	03/22/2013	00:48
	MB 460-151546/1-A	z20040.d	03/22/2013	07:22
	LCS 460-151546/2-A	z20045.d	03/22/2013	09:30

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: z20069.d DFTPP Injection Date: 03/23/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 17:31

Analysis Batch No.: 152488

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.2	
68	Less than 2.0 % of mass 69	0.8	(1.8)1
69	Mass 69 relative abundance	45.4	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	51.8	
197	Less than 1.0 % of mass 198	0.2	
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	27.5	
365	Greater than 1.0 % of mass 198	4.6	
441	Present but less than mass 443	14.1	(78.7)3
442	Greater than 40.0 % of mass 198	97.0	
443	17.0 - 23.0 % of mass 442	17.9	(18.5)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152488/2	z20070.d	03/23/2013	17:50
	IC 460-152488/3	z20071.d	03/23/2013	18:15
	IC 460-152488/4	z20072.d	03/23/2013	18:40
	IC 460-152488/5	z20073.d	03/23/2013	19:06
	IC 460-152488/6	z20074.d	03/23/2013	19:31
	IC 460-152488/7	z20075.d	03/23/2013	19:57

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: z20077.d DFTPP Injection Date: 03/23/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 21:11

Analysis Batch No.: 152529

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	47.6	
68	Less than 2.0 % of mass 69	0.7	(1.5)1
69	Mass 69 relative abundance	42.7	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.7	
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	28.7	
365	Greater than 1.0 % of mass 198	5.2	
441	Present but less than mass 443	15.6	(77.7)3
442	Greater than 40.0 % of mass 198	105.8	
443	17.0 - 23.0 % of mass 442	20.0	(18.9)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-152529/2	z20078.d	03/23/2013	21:29
FB_031513	460-52450-45	z20083.d	03/23/2013	23:39
	460-52468-C-3-A MS	z20084.d	03/24/2013	00:04
	460-52468-D-3-A MSD	z20085.d	03/24/2013	00:30

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-151725/2 Date Analyzed: 03/19/2013 01:32

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35503.d Heated Purge: (Y/N) N

Calibration ID: 20705

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		622364	4.43	1733013	5.71	824459	7.46
UPPER LIMIT		1244728	4.93	3466026	6.21	1648918	7.96
LOWER LIMIT		311182	3.93	866507	5.21	412230	6.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-151635/2-A		916094	4.43	2822463	5.71	1425061	7.47
460-52492-A-1-A MS		992466	4.43	3077564	5.71	1642756	7.47
460-52492-A-1-B MSD		855300	4.43	2554473	5.71	1237065	7.46
LCS 460-151648/2-A		814105	4.43	2467107	5.71	1254199	7.46
MB 460-151635/1-A		730830	4.43	2343126	5.71	1191373	7.46
460-52450-41 MS	PMP-28-NE-VD MS	837711	4.43	2636250	5.71	1360424	7.46
460-52450-41 MSD	PMP-28-NE-VD MSD	997088	4.43	3108527	5.71	1622853	7.47
460-52450-41	PMP-28-NE-VD	882771	4.43	2752737	5.71	1474993	7.46
MB 460-151648/1-A		750335	4.42	2332311	5.71	1270429	7.46

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-151725/2 Date Analyzed: 03/19/2013 01:32

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35503.d Heated Purge: (Y/N) N

Calibration ID: 20705

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		963307	8.93	574449	11.72	458823	13.67
UPPER LIMIT		1926614	9.43	1148898	12.22	917646	14.17
LOWER LIMIT		481654	8.43	287225	11.22	229412	13.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-151635/2-A		1569524	8.93	805159	11.72	607901	13.67
460-52492-A-1-A MS		1880794	8.93	991165	11.72	771859	13.67
460-52492-A-1-B MSD		1380268	8.93	774020	11.72	668521	13.67
LCS 460-151648/2-A		1540958	8.93	877752	11.72	666874	13.67
MB 460-151635/1-A		1440491	8.93	791990	11.72	595845	13.66
460-52450-41 MS	PMP-28-NE-VD MS	1653683	8.93	904585	11.72	721653	13.67
460-52450-41 MSD	PMP-28-NE-VD MSD	1707819	8.93	783090	11.72	646612	13.67
460-52450-41	PMP-28-NE-VD	1615109	8.93	824481	11.71	618686	13.66
MB 460-151648/1-A		1641368	8.93	861560	11.72	613969	13.66

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152275/2 Date Analyzed: 03/19/2013 13:31

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35525.d Heated Purge: (Y/N) N

Calibration ID: 20705

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		698656	4.40	2070011	5.69	955119	7.44
UPPER LIMIT		1397312	4.90	4140022	6.19	1910238	7.94
LOWER LIMIT		349328	3.90	1035006	5.19	477560	6.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-52450-2	PMP-21-NE-WT	906875	4.41	2878666	5.68	1532311	7.44
460-52450-3	PMP-21-NE-SI	878720	4.41	2776797	5.68	1507666	7.44
460-52450-7	PMP-8-NE-VD	925476	4.41	2968119	5.68	1559023	7.44
460-52450-8	PMP-8-NE-WT	908911	4.41	2674825	5.68	1366919	7.44
460-52450-12	PMP-22-NE-VD	943412	4.40	2898069	5.68	1483817	7.44
460-52450-13	PMP-22-NE-WT	889988	4.40	2711676	5.68	1306047	7.44
460-52450-14	PMP-6-NE-VD	910995	4.40	2843283	5.68	1481259	7.44
460-52450-15	PMP-6-NE-WT	920500	4.40	2884402	5.68	1427755	7.44
460-52450-16	PMP-6-NE-SI	807903	4.40	2380754	5.68	1050088	7.44
460-52450-17	PMP-5-NE-VD	992975	4.41	3069199	5.68	1597688	7.44
460-52450-18	PMP-5-NE-WT	767809	4.40	2310332	5.68	965870	7.44
460-52450-19	PMP-5-NE-SI	911832	4.40	2734378	5.68	1311354	7.44
460-52450-43	PMP-28-NE-SI	753613	4.40	2291300	5.68	1073615	7.44
460-52450-44	PMP-28-NE-SD	796225	4.40	2430217	5.68	1205455	7.44
460-52450-5	PMP-14-NE VS	765250	4.41	2252005	5.68	1030992	7.44
460-52450-11	PMP-22-NE-VS	765955	4.40	2207667	5.68	984146	7.44
460-52450-6	PMP-8-NE-VS	702662	4.41	1996607	5.68	847639	7.44
460-52450-9	PMP-4-NE-VS	634133	4.40	1847789	5.68	791078	7.44
460-52450-10	PMP-4-NE-VD	594176	4.41	1729829	5.68	724860	7.44
460-52450-4	PMP-23-NE-VS	533204	4.40	1497826	5.68	624837	7.44

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152275/2 Date Analyzed: 03/19/2013 13:31

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35525.d Heated Purge: (Y/N) N

Calibration ID: 20705

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1069033	8.90	541709	11.69	444620	13.63
UPPER LIMIT		2138066	9.40	1083418	12.19	889240	14.13
LOWER LIMIT		534517	8.40	270855	11.19	222310	13.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-52450-2	PMP-21-NE-WT	1691278	8.90	851120	11.69	690959	13.64
460-52450-3	PMP-21-NE-SI	1803743	8.90	963253	11.69	738953	13.63
460-52450-7	PMP-8-NE-VD	1862225	8.90	1022271	11.69	780398	13.63
460-52450-8	PMP-8-NE-WT	1533054	8.90	859374	11.69	680828	13.63
460-52450-12	PMP-22-NE-VD	1548488	8.90	795189	11.69	683746	13.63
460-52450-13	PMP-22-NE-WT	1382445	8.90	681735	11.69	632627	13.63
460-52450-14	PMP-6-NE-VD	1573988	8.90	772311	11.69	653953	13.63
460-52450-15	PMP-6-NE-WT	1456095	8.90	846137	11.69	752643	13.63
460-52450-16	PMP-6-NE-SI	1005429	8.91	598229	11.69	577501	13.63
460-52450-17	PMP-5-NE-VD	1729677	8.90	878291	11.69	716557	13.63
460-52450-18	PMP-5-NE-WT	1034363	8.92	652885	11.69	597804	13.63
460-52450-19	PMP-5-NE-SI	1232969	8.90	677727	11.69	634672	13.63
460-52450-43	PMP-28-NE-SI	1127400	8.90	637435	11.69	586613	13.63
460-52450-44	PMP-28-NE-SD	1370476	8.90	672061	11.69	572416	13.63
460-52450-5	PMP-14-NE VS	1019796	8.90	588350	11.69	597450	13.63
460-52450-11	PMP-22-NE-VS	963888	8.90	557100	11.69	592290	13.63
460-52450-6	PMP-8-NE-VS	852170	8.90	567850	11.69	684642	13.63
460-52450-9	PMP-4-NE-VS	783088	8.90	543971	11.69	728294	13.64
460-52450-10	PMP-4-NE-VD	754737	8.90	585036	11.69	823520	13.64
460-52450-4	PMP-23-NE-VS	671112	8.90	578656	11.69	849693	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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152146/2 Date Analyzed: 03/20/2013 02:34

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35554.d Heated Purge: (Y/N) N

Calibration ID: 20705

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		719796	4.41	2063258	5.69	936412	7.45
UPPER LIMIT		1439592	4.91	4126516	6.19	1872824	7.95
LOWER LIMIT		359898	3.91	1031629	5.19	468206	6.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-52450-42	PMP-28-NE-WT	893566	4.40	2700956	5.68	1208863	7.44
460-52450-20	PMP-7-NE-VD	750237	4.40	2243888	5.69	973396	7.45

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152146/2 Date Analyzed: 03/20/2013 02:34

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35554.d Heated Purge: (Y/N) N

Calibration ID: 20705

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		982758	8.91	478078	11.69	392211	13.63
UPPER LIMIT		1965516	9.41	956156	12.19	784422	14.13
LOWER LIMIT		491379	8.41	239039	11.19	196106	13.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-52450-42	PMP-28-NE-WT	1159720	8.91	607421	11.69	371761	13.63
460-52450-20	PMP-7-NE-VD	1026584	8.94	620952	11.70	601797	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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152148/2 Date Analyzed: 03/20/2013 16:05

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35579.d Heated Purge: (Y/N) N

Calibration ID: 20705

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		672157	4.39	2109545	5.67	1094002	7.43
UPPER LIMIT		1344314	4.89	4219090	6.17	2188004	7.93
LOWER LIMIT		336079	3.89	1054773	5.17	547001	6.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-151640/1-A		704155	4.39	2269511	5.67	1273988	7.42
LCS 460-151640/2-A		681276	4.39	2164145	5.67	1134175	7.43
460-52450-32	PMP-13-NE-SI	747826	4.38	2337810	5.67	1246818	7.42
460-52450-33	PMP-13-NE-SD	707003	4.38	2233005	5.67	1185911	7.42
460-52450-34	PMP-16-NE-VD	663589	4.38	2080999	5.67	1117557	7.42
460-52450-22	PMP-7-NE-SI	658809	4.39	2066185	5.67	828210	7.43
460-52450-23	PMP-10-NE-VD	818624	4.39	2595928	5.67	1232844	7.43
460-52450-24	PMP-10-NE-WT	840251	4.38	2667093	5.67	1295788	7.43
460-52450-25	PMP-10-NE-SI	786653	4.38	2427927	5.67	1212138	7.43
460-52450-25 MS	PMP-10-NE-SI MS	711245	4.39	2056749	5.67	973225	7.43
460-52450-25 MSD	PMP-10-NE-SI MSD	670996	4.39	2173474	5.67	1061372	7.43
460-52450-26	PMP-10-NE-SD	658622	4.39	2016709	5.67	1011819	7.42
460-52450-27	PMP-9-NE-VD	790331	4.38	2497511	5.67	1307115	7.43
460-52450-28	PMP-9-NE-WT	700919	4.39	2271076	5.67	1095203	7.43
460-52450-29	PMP-9-NE-SI	664167	4.38	2013960	5.67	1022335	7.42

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152148/2 Date Analyzed: 03/20/2013 16:05

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35579.d Heated Purge: (Y/N) N

Calibration ID: 20705

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1275771	8.89	655560	11.67	453202	13.61
UPPER LIMIT		2551542	9.39	1311120	12.17	906404	14.11
LOWER LIMIT		637886	8.39	327780	11.17	226601	13.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-151640/1-A		1624190	8.88	854138	11.67	672081	13.61
LCS 460-151640/2-A		1300813	8.89	735492	11.67	566790	13.61
460-52450-32	PMP-13-NE-SI	1425713	8.88	738158	11.67	570409	13.61
460-52450-33	PMP-13-NE-SD	1362708	8.88	664786	11.67	506091	13.61
460-52450-34	PMP-16-NE-VD	1226295	8.88	643395	11.67	532485	13.61
460-52450-22	PMP-7-NE-SI	828419	8.90	455090	11.67	439340	13.60
460-52450-23	PMP-10-NE-VD	1121679	8.89	504787	11.66	449840	13.61
460-52450-24	PMP-10-NE-WT	1464483	8.89	635617	11.67	503756	13.60
460-52450-25	PMP-10-NE-SI	1312867	8.88	648226	11.67	526716	13.61
460-52450-25 MS	PMP-10-NE-SI MS	1058396	8.89	607737	11.67	521522	13.61
460-52450-25 MSD	PMP-10-NE-SI MSD	1175558	8.89	656794	11.67	532111	13.61
460-52450-26	PMP-10-NE-SD	1170471	8.88	615812	11.67	511888	13.60
460-52450-27	PMP-9-NE-VD	1440209	8.88	602371	11.67	509438	13.61
460-52450-28	PMP-9-NE-WT	966628	8.89	503565	11.67	460965	13.60
460-52450-29	PMP-9-NE-SI	1007610	8.89	577428	11.67	523431	13.61

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152178/2 Date Analyzed: 03/21/2013 05:10

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35607.d Heated Purge: (Y/N) N

Calibration ID: 20705

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		853466	4.36	2632773	5.64	1264234	7.40
UPPER LIMIT		1706932	4.86	5265546	6.14	2528468	7.90
LOWER LIMIT		426733	3.86	1316387	5.14	632117	6.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-151520/2-A		869461	4.36	2560336	5.65	1185985	7.40
MB 460-151520/1-A		915396	4.36	2853727	5.64	1576359	7.39
460-52450-1	PMP-21-NE-VD	745980	4.35	2250860	5.63	1039753	7.39
460-52450-1 MS	PMP-21-NE-VD MS	820764	4.36	2380433	5.64	1014063	7.40
460-52450-1 MSD	PMP-21-NE-VD MSD	909481	4.36	2659849	5.64	1126089	7.40
460-52450-35	PMP-16-NE-WT	637852	4.35	1881372	5.64	800165	7.39
460-52450-36	PMP-16-NE-SI	743146	4.35	2229435	5.64	1105344	7.39

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152178/2 Date Analyzed: 03/21/2013 05:10

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35607.d Heated Purge: (Y/N) N

Calibration ID: 20705

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1296410	8.86	557136	11.63	414487	13.55
UPPER LIMIT		2592820	9.36	1114272	12.13	828974	14.05
LOWER LIMIT		648205	8.36	278568	11.13	207244	13.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-151520/2-A		1275462	8.86	697678	11.63	567304	13.57
MB 460-151520/1-A		1886895	8.85	842922	11.63	614560	13.55
460-52450-1	PMP-21-NE-VD	1075001	8.85	610210	11.63	498239	13.55
460-52450-1 MS	PMP-21-NE-VD MS	1009696	8.85	586292	11.63	541583	13.56
460-52450-1 MSD	PMP-21-NE-VD MSD	1131179	8.86	601812	11.63	562581	13.56
460-52450-35	PMP-16-NE-WT	838637	8.86	483727	11.63	453883	13.56
460-52450-36	PMP-16-NE-SI	1111017	8.85	547846	11.63	495570	13.55

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152346/2 Date Analyzed: 03/21/2013 18:10

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35635.d Heated Purge: (Y/N) N

Calibration ID: 20705

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		963449	4.36	2885387	5.64	1374778	7.39
UPPER LIMIT		1926898	4.86	5770774	6.14	2749556	7.89
LOWER LIMIT		481725	3.86	1442694	5.14	687389	6.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-52450-38	PMP-15-NE-WT	894391	4.34	2915954	5.62	1571951	7.38
460-52450-39	PMP-15-NE-SI	799516	4.34	2583315	5.62	1351249	7.38
460-52450-40	PMP-15-NE-SD	722708	4.34	2167980	5.62	973226	7.38
460-52450-21	PMP-7-NE-WT	718034	4.34	2187293	5.62	912261	7.38
460-52450-30	PMP-13-NE-VD	775111	4.34	2491983	5.62	1216217	7.38
460-52450-31 DL	PMP-13-NE-WT DL	663614	4.34	2063351	5.62	804296	7.38
460-52450-37	PMP-15-NE-VD	810612	4.34	2555008	5.62	1279638	7.38

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152346/2 Date Analyzed: 03/21/2013 18:10

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p35635.d Heated Purge: (Y/N) N

Calibration ID: 20705

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1501842	8.84	664717	11.62	498218	13.54
UPPER LIMIT		3003684	9.34	1329434	12.12	996436	14.04
LOWER LIMIT		750921	8.34	332359	11.12	249109	13.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-52450-38	PMP-15-NE-WT	1825192	8.84	978816	11.61	702589	13.54
460-52450-39	PMP-15-NE-SI	1586254	8.84	814200	11.61	598402	13.54
460-52450-40	PMP-15-NE-SD	966138	8.84	496587	11.61	419499	13.54
460-52450-21	PMP-7-NE-WT	908956	8.85	492391	11.61	439951	13.54
460-52450-30	PMP-13-NE-VD	1314585	8.84	647045	11.61	513949	13.54
460-52450-31 DL	PMP-13-NE-WT DL	799036	8.84	436346	11.61	418783	13.53
460-52450-37	PMP-15-NE-VD	1432102	8.84	704309	11.61	541985	13.54

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152320/2 Date Analyzed: 03/22/2013 00:48

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z20025.d Heated Purge: (Y/N) N

Calibration ID: 20813

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		214426	4.27	769883	5.55	314998	7.31
UPPER LIMIT		428852	4.77	1539766	6.05	629996	7.81
LOWER LIMIT		107213	3.77	384942	5.05	157499	6.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-151546/1-A		210020	4.26	730738	5.54	307046	7.30
LCS 460-151546/2-A		203370	4.27	704760	5.55	286930	7.30

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152320/2 Date Analyzed: 03/22/2013 00:48

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z20025.d Heated Purge: (Y/N) N

Calibration ID: 20813

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		337037	8.77	162566	11.53	137621	13.43
UPPER LIMIT		674074	9.27	325132	12.03	275242	13.93
LOWER LIMIT		168519	8.27	81283	11.03	68811	12.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-151546/1-A		369376	8.76	198004	11.51	163878	13.41
LCS 460-151546/2-A		319457	8.77	181673	11.52	160364	13.41

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152529/2 Date Analyzed: 03/23/2013 21:29

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z20078.d Heated Purge: (Y/N) N

Calibration ID: 20825

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		223690	4.20	809605	5.48	375902	7.24
UPPER LIMIT		447380	4.70	1619210	5.98	751804	7.74
LOWER LIMIT		111845	3.70	404803	4.98	187951	6.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-52450-45	FB_031513	224417	4.19	860858	5.48	416567	7.23
460-52468-C-3-A MS		243392	4.20	913717	5.48	419542	7.24
460-52468-D-3-A MSD		250352	4.20	909136	5.48	421071	7.24

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.: 460-52450-1

SDG No.:

Sample No.: CCVIS 460-152529/2 Date Analyzed: 03/23/2013 21:29

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z20078.d Heated Purge: (Y/N) N

Calibration ID: 20825

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		443386	8.70	229019	11.43	162454	13.31
UPPER LIMIT		886772	9.20	458038	11.93	324908	13.81
LOWER LIMIT		221693	8.20	114510	10.93	81227	12.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-52450-45	FB_031513	528217	8.69	317418	11.42	221484	13.31
460-52468-C-3-A MS		502129	8.70	267540	11.43	199952	13.31
460-52468-D-3-A MSD		502746	8.70	276403	11.43	207947	13.31

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.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD | Lab Sample ID: 460-52450-1

Matrix: Solid | Lab File ID: p35613.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 08:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	18	J	35	3.9
95-50-1	1,2-Dichlorobenzene	40	U	350	40
541-73-1	1,3-Dichlorobenzene	31	U	350	31
106-46-7	1,4-Dichlorobenzene	39	U	350	39
121-14-2	2,4-Dinitrotoluene	11	U	70	11
606-20-2	2,6-Dinitrotoluene	10	U	70	10
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	44	U	350	44
88-74-4	2-Nitroaniline	140	U	700	140
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
99-09-2	3-Nitroaniline	120	U	700	120
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
106-47-8	4-Chloroaniline	92	U	350	92
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
83-32-9	Acenaphthene	50	U	350	50
208-96-8	Acenaphthylene	41	U	350	41
120-12-7	Anthracene	42	U	350	42
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
50-32-8	Benzo[a]pyrene	2.4	U	35	2.4
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	350	38
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	41	U	350	41
218-01-9	Chrysene	40	U	350	40
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
131-11-3	Dimethyl phthalate	41	U	350	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD | Lab Sample ID: 460-52450-1

Matrix: Solid | Lab File ID: p35613.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 08:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	46	U	350	46
86-73-7	Fluorene	44	U	350	44
118-74-1	Hexachlorobenzene	4.7	U	35	4.7
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.8	U	35	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	35	6.4
78-59-1	Isophorone	42	U	350	42
91-20-3	Naphthalene	40	U	350	40
98-95-3	Nitrobenzene	4.9	U	35	4.9
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-01-8	Phenanthrene	44	U	350	44
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	74		40-109
4165-60-0	Nitrobenzene-d5	60		38-105
1718-51-0	Terphenyl-d14	70		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD | Lab Sample ID: 460-52450-1

Matrix: Solid | Lab File ID: p35613.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 08:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

Number TICs Found: 6 | TIC Result Total: 9000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Trichloro-1,1-biphenyl isomer-6	9.20	3100	J
	Tetrachloro-1,1-biphenyl isomer-2	9.47	1300	J
	Tetrachloro-1,1-biphenyl isomer-5	9.63	1200	J
	Tetrachloro-1,1-biphenyl isomer-9	9.96	1100	J
	Tetrachloro-1,1-biphenyl isomer-10	9.98	1300	J
	Tetrachloro-1,1-biphenyl isomer-11	10.11	1000	J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35613.d
Report Date: 22-Mar-2013 14:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35613.d
Lab Smp Id: 460-52450-F-1-G Client Smp ID: PMP-21-NE-VD
Inj Date : 21-MAR-2013 08:06
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-1-G
Misc Info : 460-52450-F-1-G
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/8270C_11.m
Meth Date : 21-Mar-2013 06:41 asfawa Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 8
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	4.40367	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.095	3.060	(0.711)	1468611	58.0667	4000
$ 17 Phenol-d5 (SUR)	99	3.988	4.006	(0.916)	1801557	62.1425	4300
* 79 1,4-Dichlorobenzene-d4	152	4.352	4.358	(1.000)	745980	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.905	4.928	(0.871)	718912	30.0565	2100
30 1,2,4-Trichlorobenzene	180	5.580	5.592	(0.991)	5454	0.25930	18(a)
* 80 Naphthalene-d8	136	5.633	5.645	(1.000)	2250860	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.720	6.726	(0.909)	1297661	36.7938	2600
* 82 Acenaphthene-d10	164	7.390	7.396	(1.000)	1039753	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.171	8.177	(1.106)	245758	56.8536	4000
115 n-Octadecane	57	8.741	8.747	(0.987)	11221	0.63807	44(a)
* 83 Phenanthrene-d10	188	8.853	8.859	(1.000)	1075001	40.0000	
$ 78 Terphenyl-d14	244	10.428	10.422	(0.897)	674046	34.8891	2400
* 81 Chrysene-d12	240	11.626	11.626	(1.000)	610210	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35613.d
Report Date: 22-Mar-2013 14:27

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.553	13.553	(1.000)	498239	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35613.d

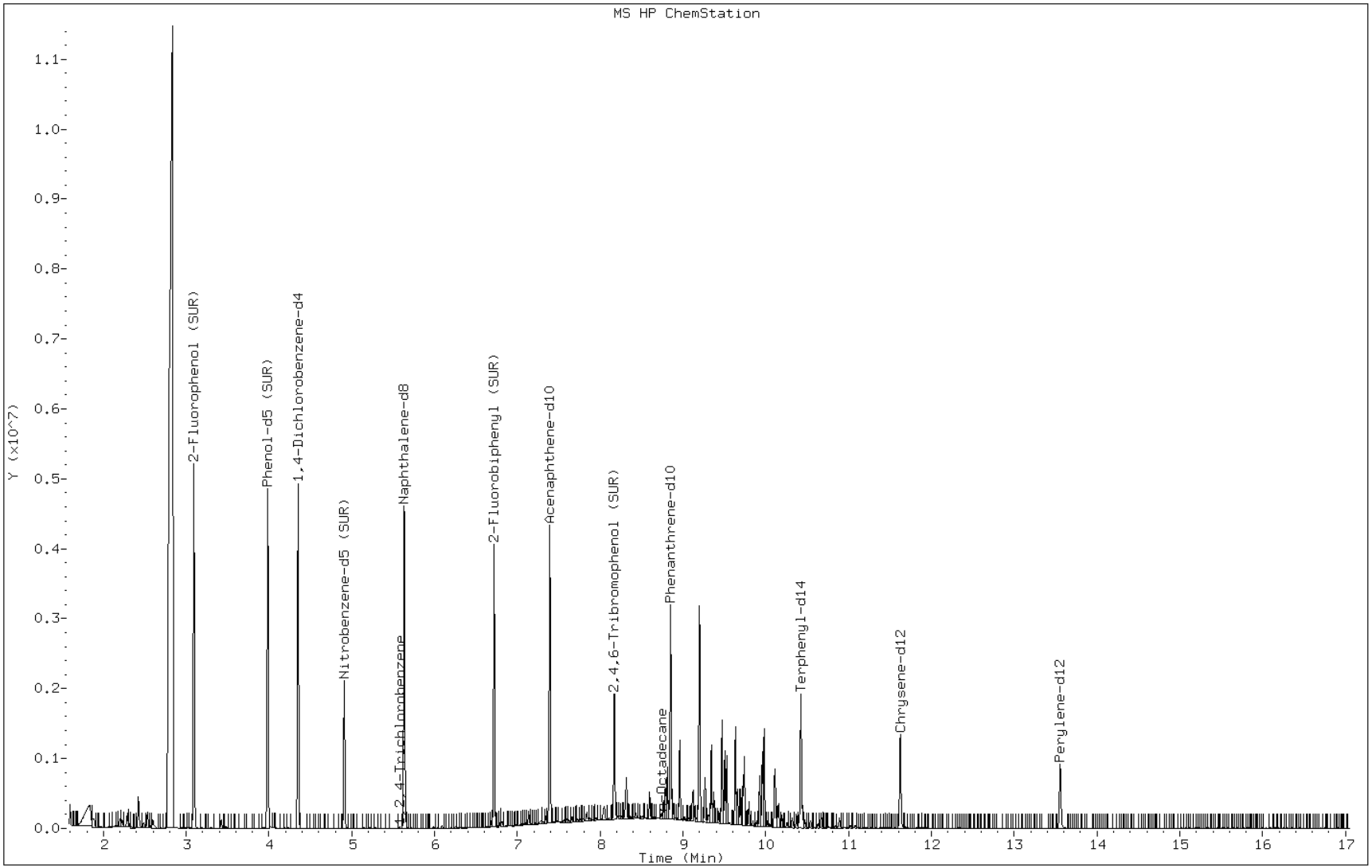
Date: 21-MAR-2013 08:06

Client ID: PMP-21-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-1-G

Operator: BNAMS 4



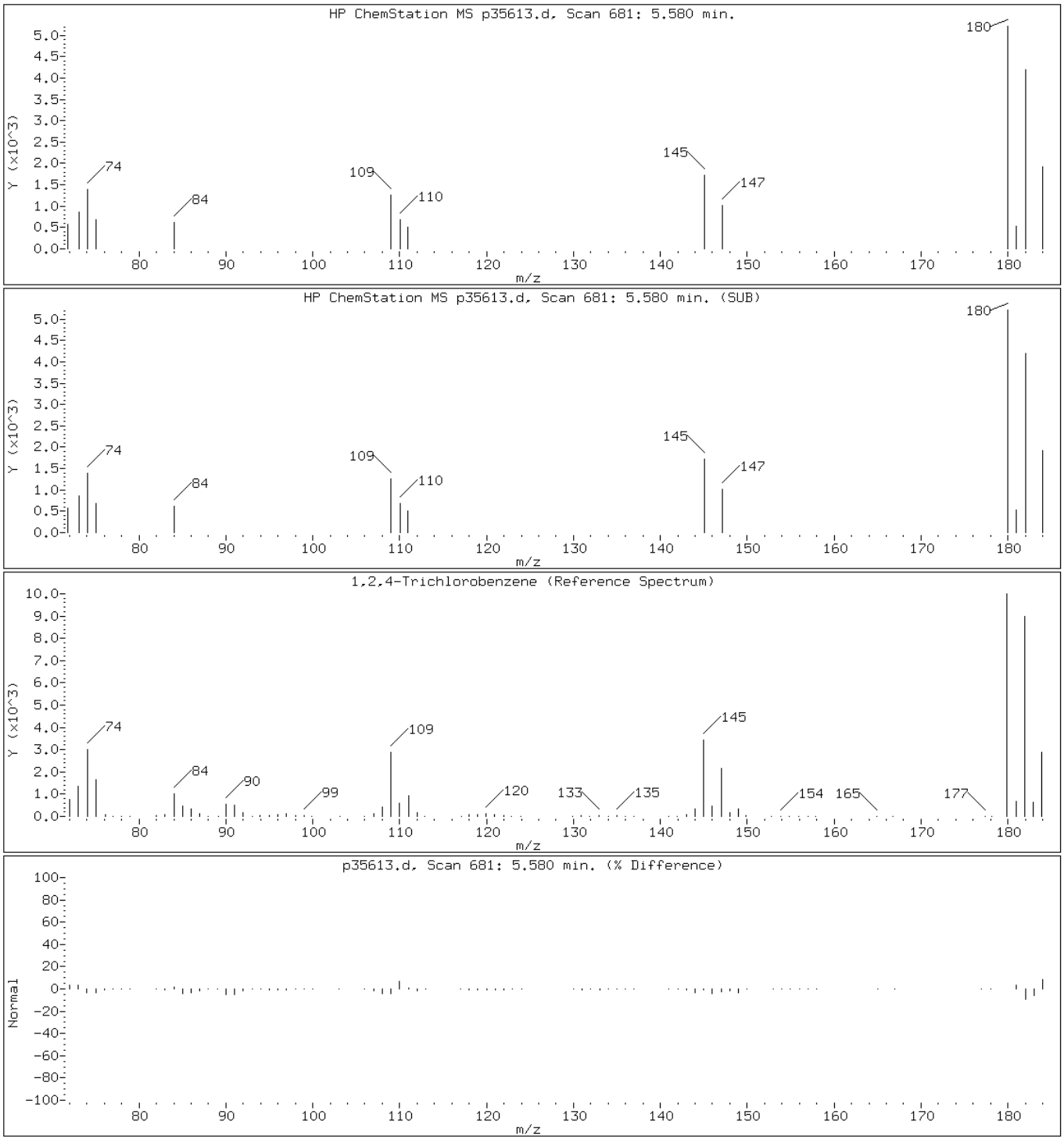
Data File: p35613.d

Date: 21-MAR-2013 08:06

Client ID: PMP-21-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-1-G Operator: BNAMS 4

30 1,2,4-Trichlorobenzene



Data File: p35613.d

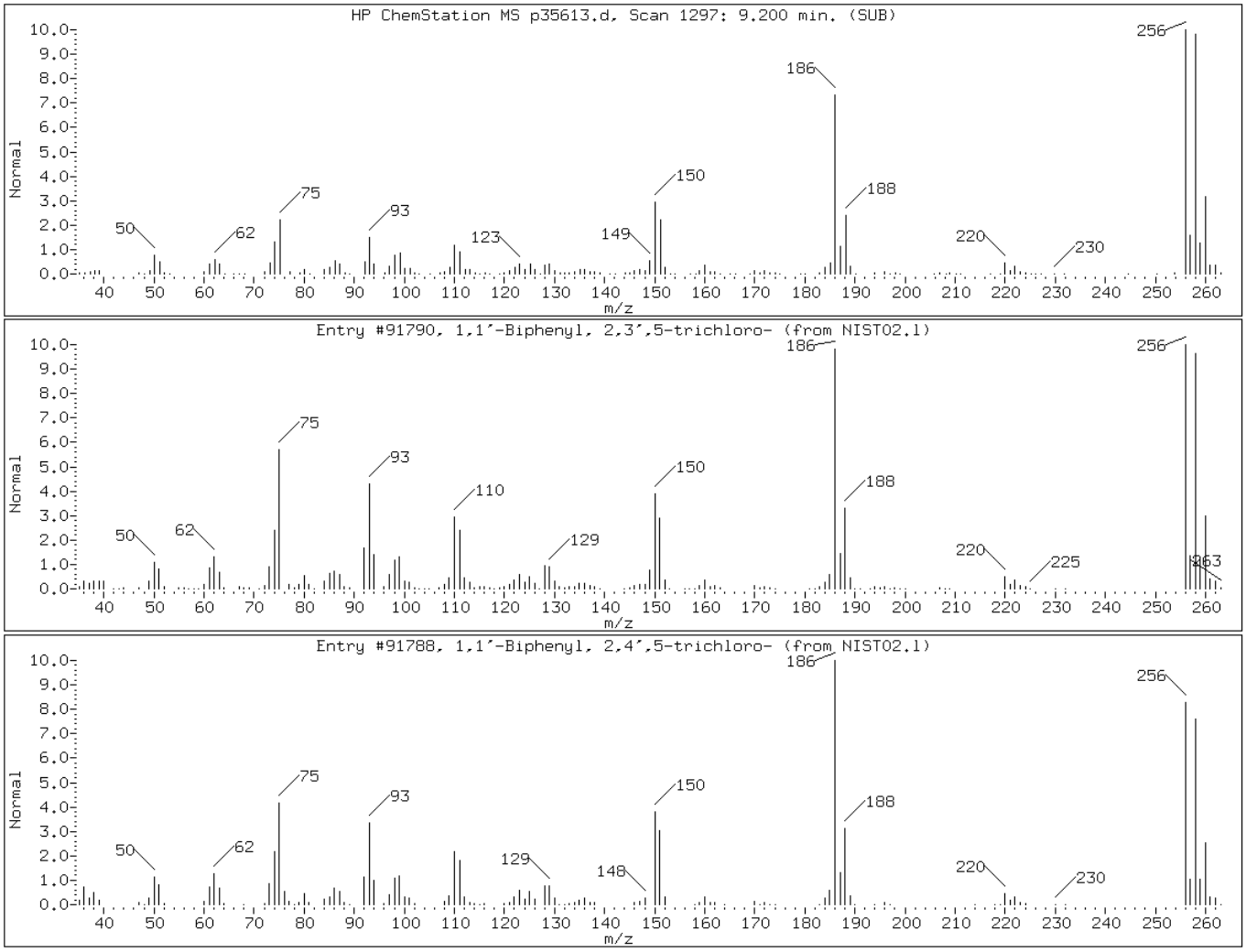
Date: 21-MAR-2013 08:06

Client ID: PMP-21-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-1-G Operator: BNAMS 4

Retention Time: 9.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256



Data File: p35613.d

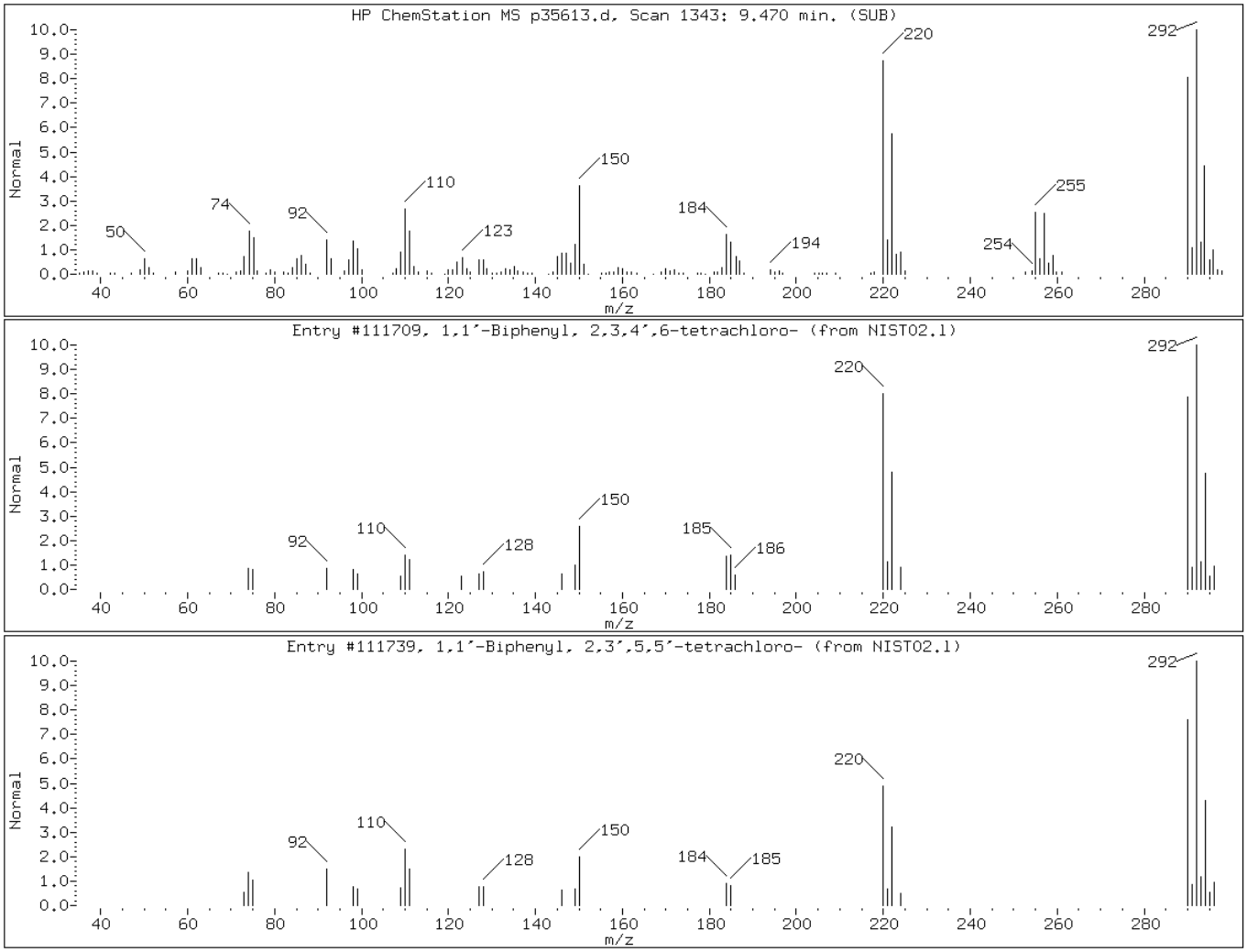
Date: 21-MAR-2013 08:06

Client ID: PMP-21-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-1-G Operator: BNAMS 4

Retention Time: 9.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	97	C12H6Cl4	290



Data File: p35613.d

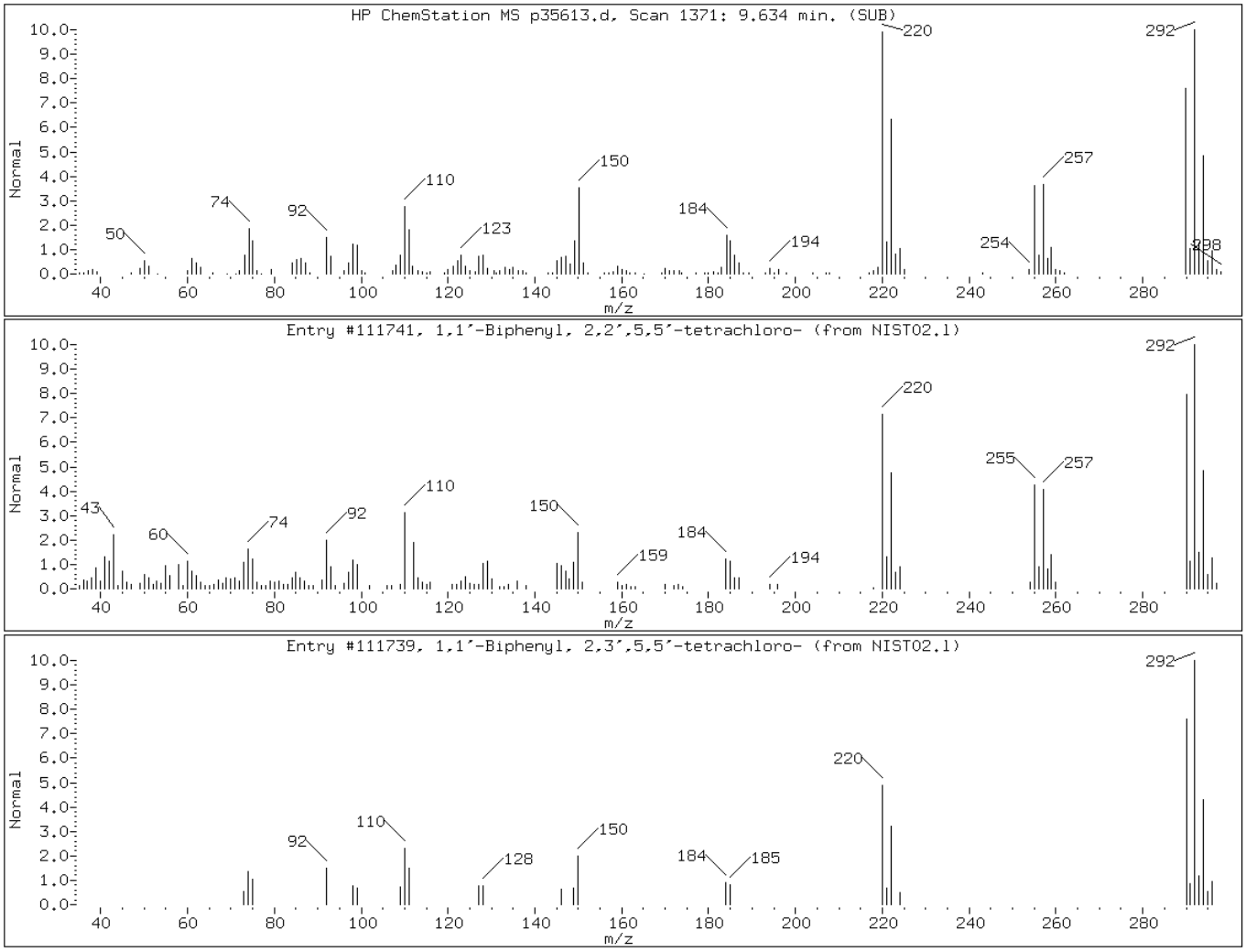
Date: 21-MAR-2013 08:06

Client ID: PMP-21-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-1-G Operator: BNAMS 4

Retention Time: 9.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: p35613.d

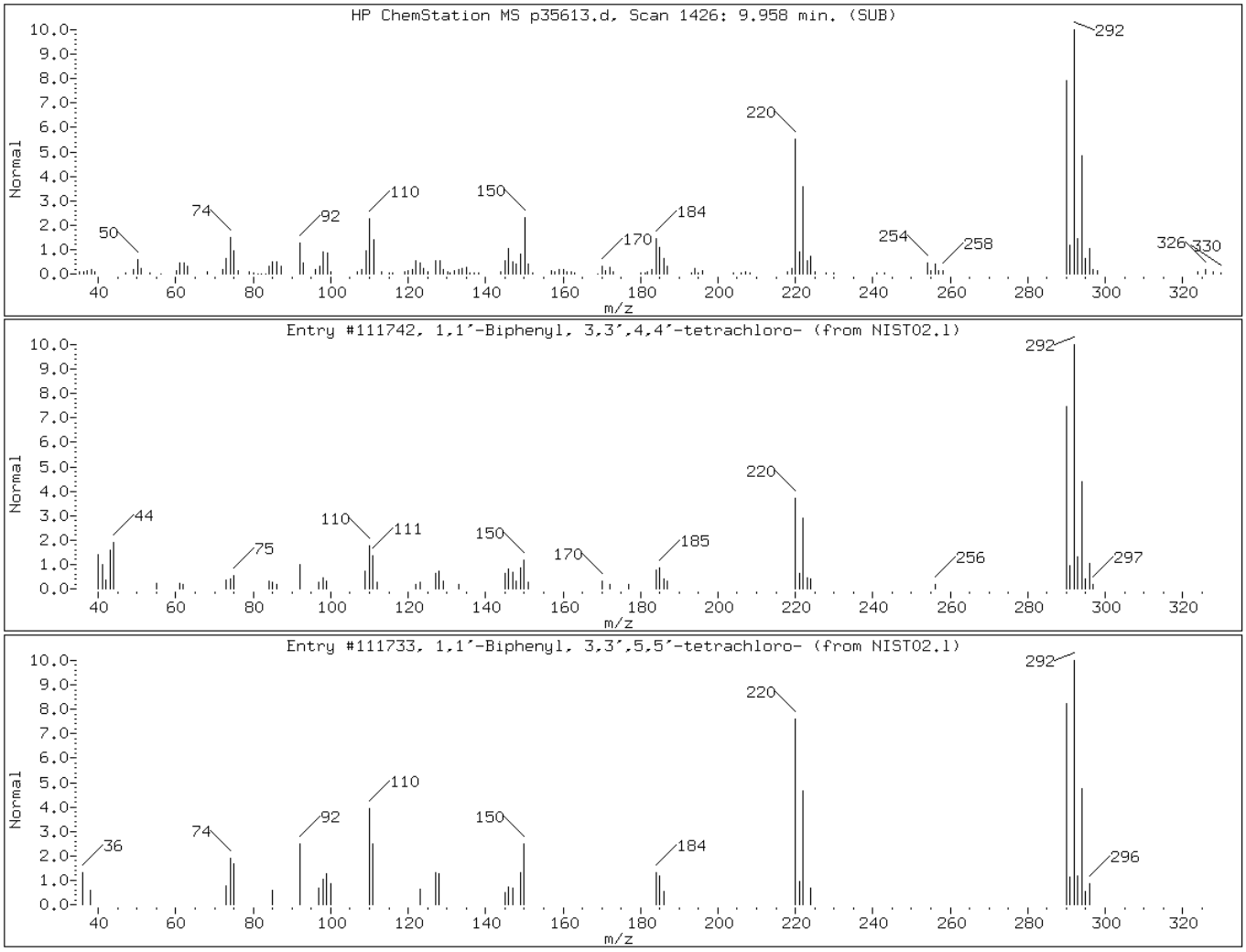
Date: 21-MAR-2013 08:06

Client ID: PMP-21-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-1-G Operator: BNAMS 4

Retention Time: 9.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290



Data File: p35613.d

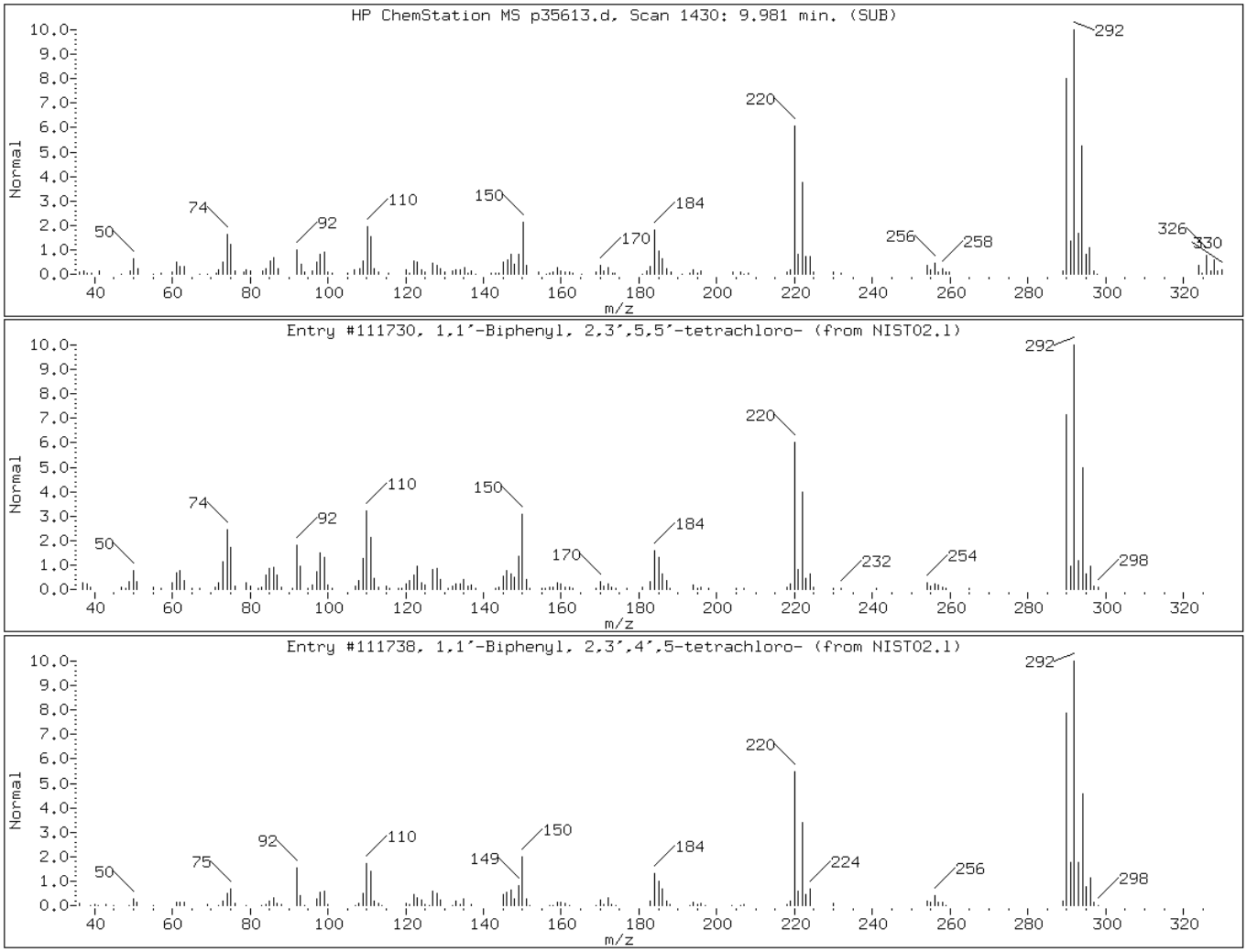
Date: 21-MAR-2013 08:06

Client ID: PMP-21-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-1-G Operator: BNAMS 4

Retention Time: 9.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-10						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	98	C12H6Cl4	290



Data File: p35613.d

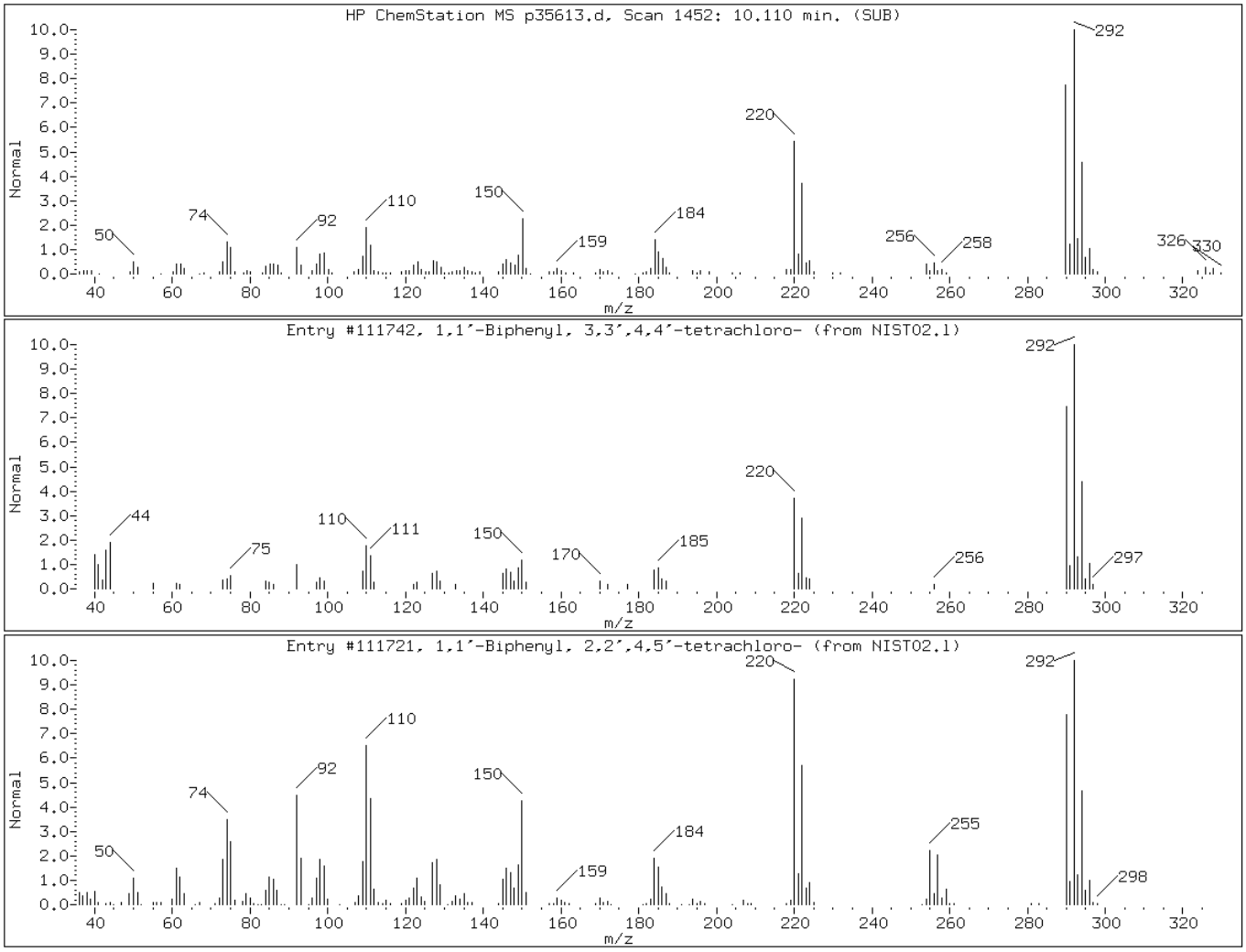
Date: 21-MAR-2013 08:06

Client ID: PMP-21-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-1-G Operator: BNAMS 4

Retention Time: 10.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-11						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT | Lab Sample ID: 460-52450-2

Matrix: Solid | Lab File ID: p35526.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 14:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.2	U	37	4.2
95-50-1	1,2-Dichlorobenzene	43	U	370	43
541-73-1	1,3-Dichlorobenzene	34	U	370	34
106-46-7	1,4-Dichlorobenzene	42	U	370	42
121-14-2	2,4-Dinitrotoluene	12	U	75	12
606-20-2	2,6-Dinitrotoluene	11	U	75	11
91-58-7	2-Chloronaphthalene	41	U	370	41
91-57-6	2-Methylnaphthalene	48	U	370	48
88-74-4	2-Nitroaniline	160	U	750	160
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
99-09-2	3-Nitroaniline	130	U	750	130
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
106-47-8	4-Chloroaniline	98	U	370	98
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	750	120
83-32-9	Acenaphthene	54	U	370	54
208-96-8	Acenaphthylene	44	U	370	44
120-12-7	Anthracene	45	U	370	45
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
108-60-1	bis (2-chloroisopropyl) ether	41	U	370	41
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
86-74-8	Carbazole	44	U	370	44
218-01-9	Chrysene	43	U	370	43
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	44	U	370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT | Lab Sample ID: 460-52450-2

Matrix: Solid | Lab File ID: p35526.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 14:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	46	U	370	46
117-84-0	Di-n-octyl phthalate	24	U	370	24
206-44-0	Fluoranthene	50	U	370	50
86-73-7	Fluorene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
87-68-3	Hexachlorobutadiene	9.1	U	75	9.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
67-72-1	Hexachloroethane	4.1	U	37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
78-59-1	Isophorone	45	U	370	45
91-20-3	Naphthalene	43	U	370	43
98-95-3	Nitrobenzene	5.3	U	37	5.3
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-01-8	Phenanthrene	47	U	370	47
129-00-0	Pyrene	31	U	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	78		40-109
4165-60-0	Nitrobenzene-d5	80		38-105
1718-51-0	Terphenyl-d14	75		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT | Lab Sample ID: 460-52450-2

Matrix: Solid | Lab File ID: p35526.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 14:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 510

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	14.81	510	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35526.d
Report Date: 22-Mar-2013 09:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35526.d
Lab Smp Id: 460-52450-F-2-E Client Smp ID: PMP-21-NE-WT
Inj Date : 19-MAR-2013 14:13
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-2-E
Misc Info : 460-52450-F-2-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 3
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	15.02000	Weight of sample extracted (g)
M	11.15312	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.263	3.110	(0.740)	2324021	75.5858	5700
$ 17 Phenol-d5 (SUR)	99	4.050	4.044	(0.919)	2566683	72.8271	5400
* 79 1,4-Dichlorobenzene-d4	152	4.408	4.402	(1.000)	906875	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.961	4.966	(0.873)	1229991	40.2089	3000
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2878666	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	6416	0.12959	9.7(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	2022119	38.9048	2900
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	13623	0.34146	26(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1532311	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	453421	71.1761	5300
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1691278	40.0000	
$ 78 Terphenyl-d14	244	10.484	10.478	(0.896)	1010037	37.4823	2800
* 81 Chrysene-d12	240	11.694	11.694	(1.000)	851120	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35526.d
Report Date: 22-Mar-2013 09:45

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.639	13.633	(1.000)	690959	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35526.d

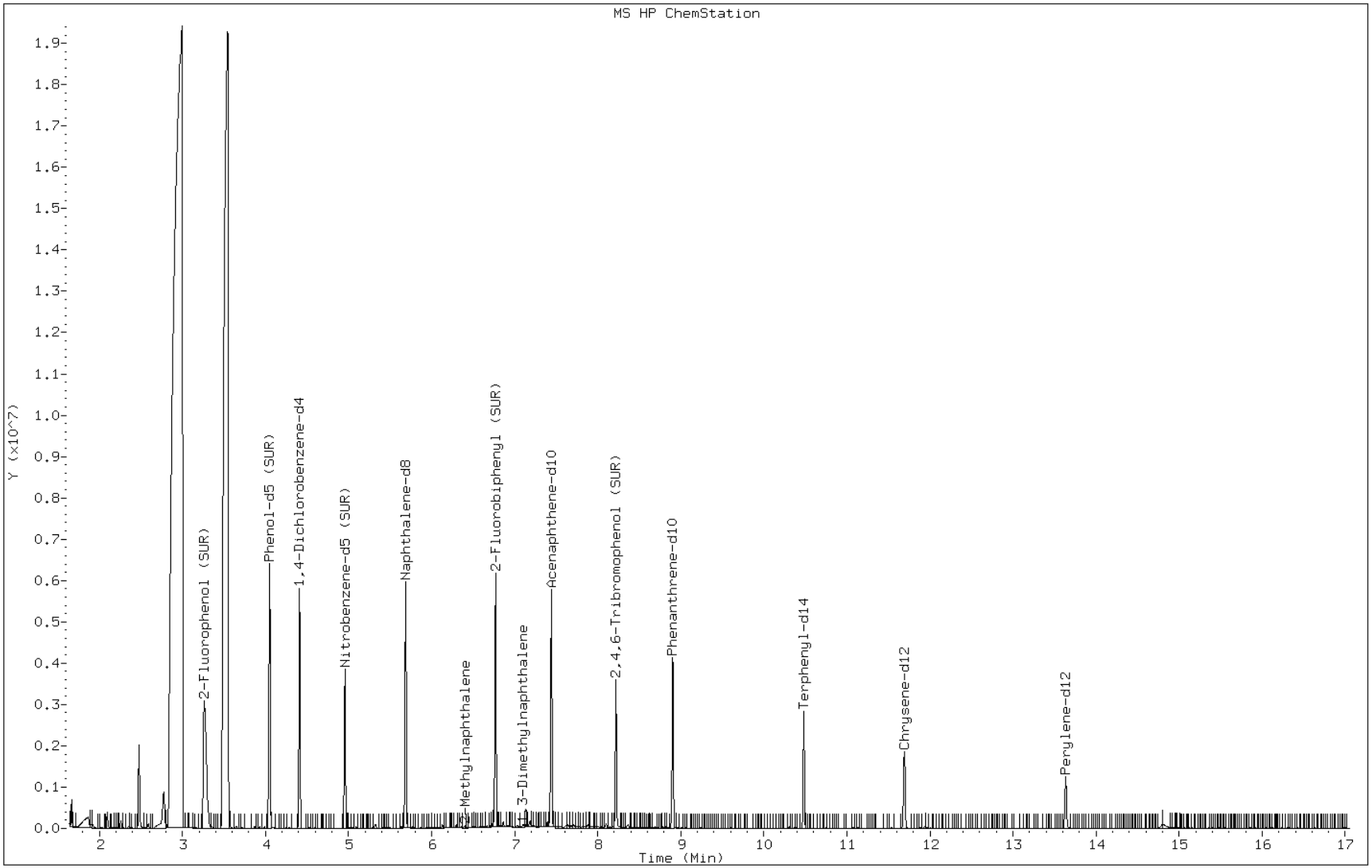
Date: 19-MAR-2013 14:13

Client ID: PMP-21-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-2-E

Operator: BNAMS 4



Data File: p35526.d

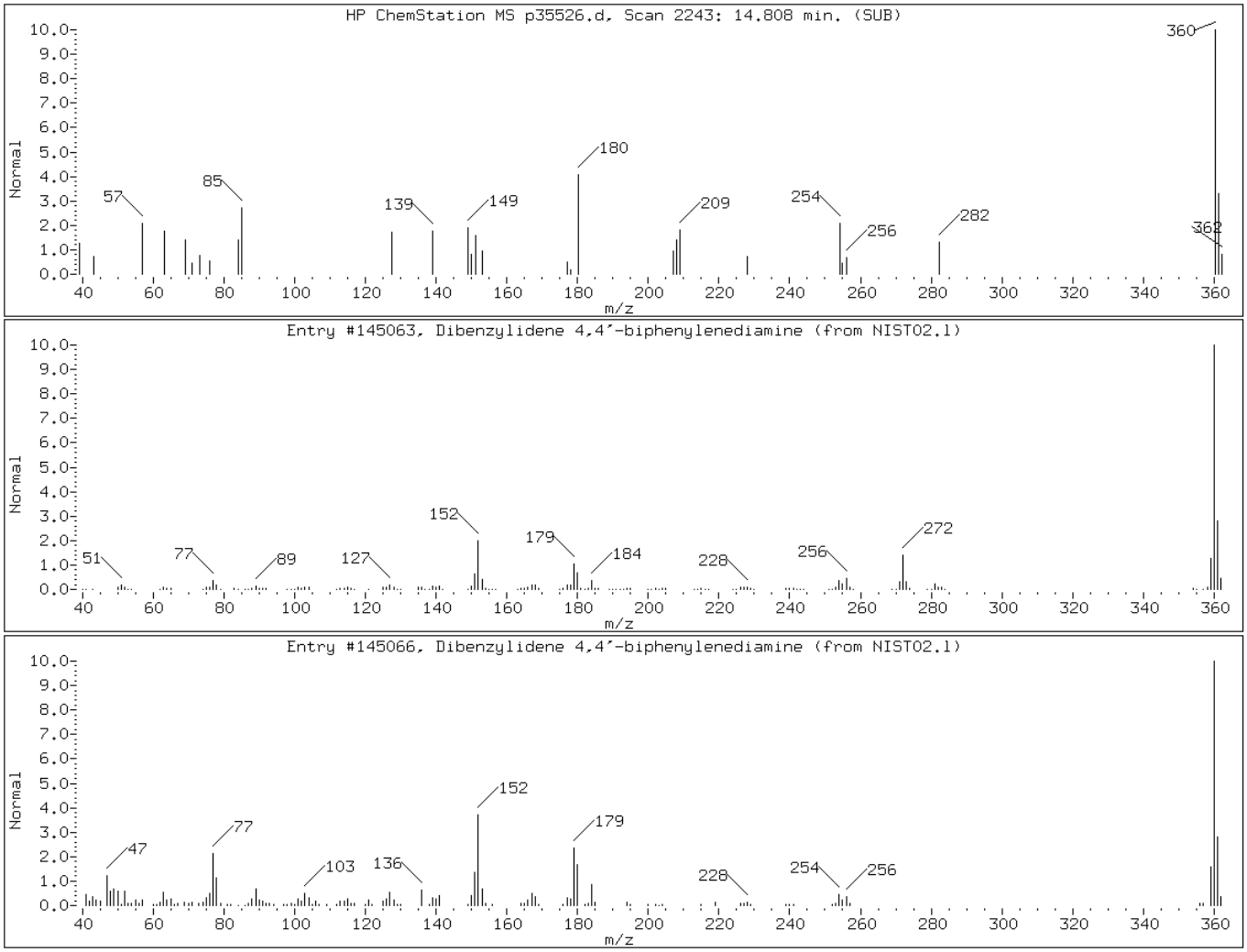
Date: 19-MAR-2013 14:13

Client ID: PMP-21-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-2-E Operator: BNAMS 4

Retention Time: 14.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Dibenzylidene 4,4'-biphenylenediam	6311-48-4	NIST02.l	145063	43	C26H20N2	360
Dibenzylidene 4,4'-biphenylenediam	6311-48-4	NIST02.l	145066	38	C26H20N2	360



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI | Lab Sample ID: 460-52450-3

Matrix: Solid | Lab File ID: p35527.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 14:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.1	U	36	4.1
95-50-1	1,2-Dichlorobenzene	42	U	360	42
541-73-1	1,3-Dichlorobenzene	33	U	360	33
106-46-7	1,4-Dichlorobenzene	41	U	360	41
121-14-2	2,4-Dinitrotoluene	12	U	74	12
606-20-2	2,6-Dinitrotoluene	11	U	74	11
91-58-7	2-Chloronaphthalene	41	U	360	41
91-57-6	2-Methylnaphthalene	47	U	360	47
88-74-4	2-Nitroaniline	150	U	740	150
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
99-09-2	3-Nitroaniline	130	U	740	130
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
106-47-8	4-Chloroaniline	97	U	360	97
7005-72-3	4-Chlorophenyl phenyl ether	43	U	360	43
100-01-6	4-Nitroaniline	110	U	740	110
83-32-9	Acenaphthene	53	U	360	53
208-96-8	Acenaphthylene	43	U	360	43
120-12-7	Anthracene	44	U	360	44
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
207-08-9	Benzo[k]fluoranthene	2.8	U	36	2.8
108-60-1	bis (2-chloroisopropyl) ether	40	U	360	40
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
111-44-4	Bis(2-chloroethyl)ether	5.0	U	36	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
85-68-7	Butyl benzyl phthalate	33	U	360	33
86-74-8	Carbazole	43	U	360	43
218-01-9	Chrysene	43	U	360	43
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
132-64-9	Dibenzofuran	43	U	360	43
84-66-2	Diethyl phthalate	43	U	360	43
131-11-3	Dimethyl phthalate	43	U	360	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI | Lab Sample ID: 460-52450-3

Matrix: Solid | Lab File ID: p35527.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 14:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	45	U	360	45
117-84-0	Di-n-octyl phthalate	23	U	360	23
206-44-0	Fluoranthene	49	U	360	49
86-73-7	Fluorene	47	U	360	47
118-74-1	Hexachlorobenzene	5.0	U	36	5.0
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
77-47-4	Hexachlorocyclopentadiene	43	U	360	43
67-72-1	Hexachloroethane	4.1	U	36	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	36	6.8
78-59-1	Isophorone	44	U	360	44
91-20-3	Naphthalene	42	U	360	42
98-95-3	Nitrobenzene	5.2	U	36	5.2
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	36	6.1
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-01-8	Phenanthrene	46	U	360	46
129-00-0	Pyrene	31	U	360	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		40-109
4165-60-0	Nitrobenzene-d5	75		38-105
1718-51-0	Terphenyl-d14	71		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI | Lab Sample ID: 460-52450-3

Matrix: Solid | Lab File ID: p35527.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 14:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35527.d
Report Date: 20-Mar-2013 04:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35527.d
Lab Smp Id: 460-52450-F-3-E Client Smp ID: PMP-21-NE-SI
Inj Date : 19-MAR-2013 14:38
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-3-E
Misc Info : 460-52450-F-3-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 4
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	15.04000	Weight of sample extracted (g)
M	9.51526	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.245	3.110	(0.736)	2072009	69.5487	5100
$ 17 Phenol-d5 (SUR)	99	4.044	4.044	(0.917)	2293887	67.1722	4900
* 79 1,4-Dichlorobenzene-d4	152	4.408	4.402	(1.000)	878720	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1110372	37.6301	2800
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2776797	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1841102	36.0012	2600
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	5603	0.14273	10(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1507666	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	436349	69.6159	5100
115 n-Octadecane	57	8.786	8.791	(0.987)	10378	0.35170	26(a)
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1803743	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	1088566	35.6939	2600
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	963253	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35527.d
Report Date: 20-Mar-2013 04:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.633	13.633	(1.000)	738953	40.0000	

QC Flag Legend

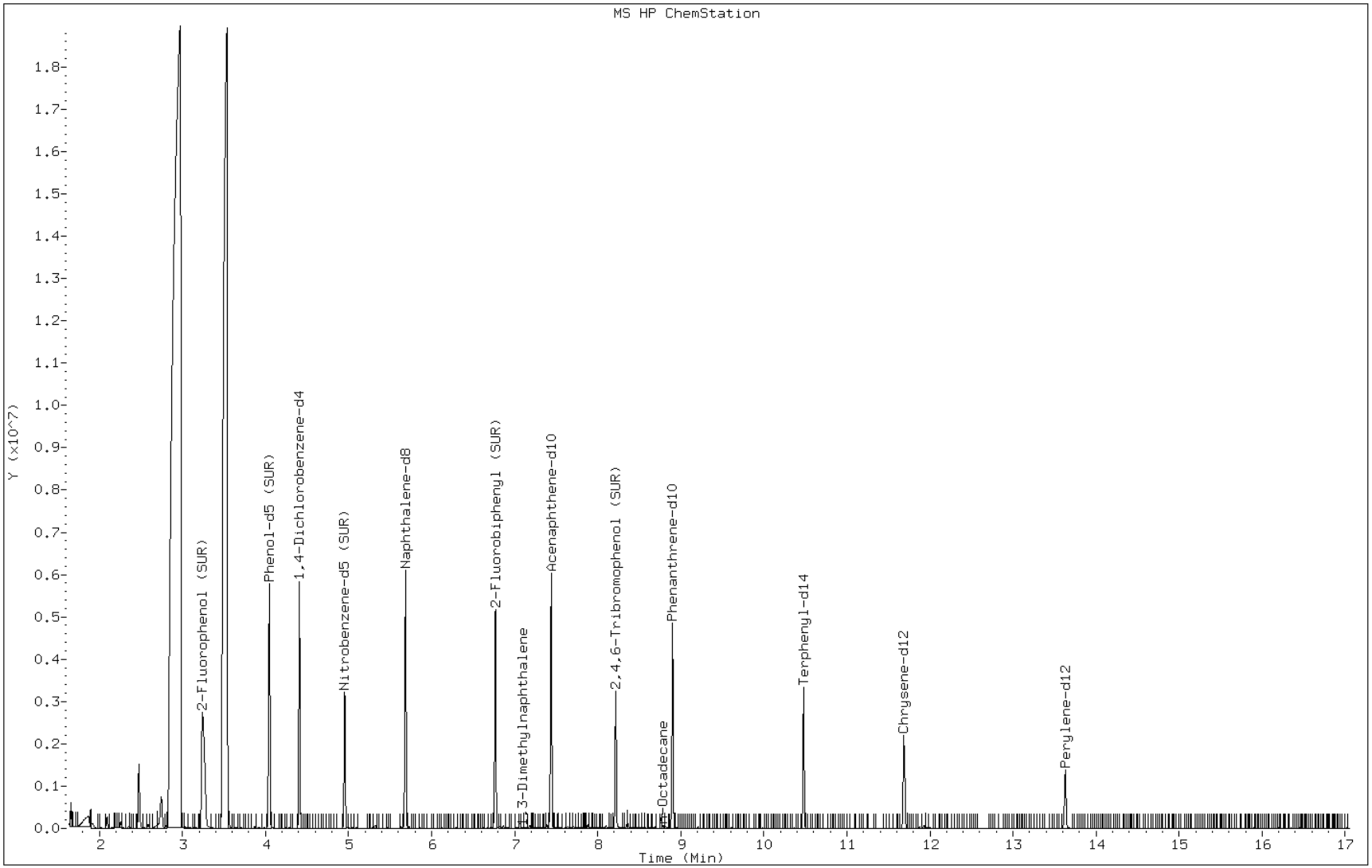
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35527.d

Date: 19-MAR-2013 14:38

Client ID: PMP-21-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-3-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS | Lab Sample ID: 460-52450-4

Matrix: Solid | Lab File ID: p35550.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:15

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 00:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.0	U	35	4.0
95-50-1	1,2-Dichlorobenzene	41	U	350	41
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	40	U	350	40
121-14-2	2,4-Dinitrotoluene	12	U	71	12
606-20-2	2,6-Dinitrotoluene	11	U	71	11
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	150	U	710	150
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
99-09-2	3-Nitroaniline	120	U	710	120
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
106-47-8	4-Chloroaniline	93	U	350	93
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	41	U	350	41
120-12-7	Anthracene	43	U	350	43
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
50-32-8	Benzo[a]pyrene	27	J	35	2.5
205-99-2	Benzo[b]fluoranthene	33	J	35	2.2
191-24-2	Benzo[g,h,i]perylene	35	J	350	26
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
108-60-1	bis (2-chloroisopropyl) ether	39	U	350	39
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	41	U	350	41
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	15	J	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
131-11-3	Dimethyl phthalate	42	U	350	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS | Lab Sample ID: 460-52450-4

Matrix: Solid | Lab File ID: p35550.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:15

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 00:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	47	U	350	47
86-73-7	Fluorene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	21	J	35	6.5
78-59-1	Isophorone	43	U	350	43
91-20-3	Naphthalene	41	U	350	41
98-95-3	Nitrobenzene	5.0	U	35	5.0
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-01-8	Phenanthrene	45	U	350	45
129-00-0	Pyrene	36	J	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		40-109
4165-60-0	Nitrobenzene-d5	79		38-105
1718-51-0	Terphenyl-d14	58		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS | Lab Sample ID: 460-52450-4

Matrix: Solid | Lab File ID: p35550.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:15

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 00:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 15160

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Trichloro-1,1-biphenyl isomer-1	8.84	2000	J
	Unknown-1	8.86	660	J
	Trichloro-1,1-biphenyl isomer-2	9.01	1200	J
	Trichloro-1,1-biphenyl isomer-4	9.25	2900	J
	Trichloro-1,1-biphenyl isomer-5	9.32	960	J
	Trichloro-1,1-biphenyl isomer-6	9.39	510	J
	Tetrachloro-1,1-biphenyl isomer-1	9.52	950	J
	Tetrachloro-1,1-biphenyl isomer-2	9.56	650	J
	Tetrachloro-1,1-biphenyl isomer-3	9.58	600	J
	Tetrachloro-1,1-biphenyl isomer-4	9.68	900	J
	Tetrachloro-1,1-biphenyl isomer-5	9.79	620	J
	Tetrachloro-1,1-biphenyl isomer-7	10.01	920	J
	Tetrachloro-1,1-biphenyl isomer-8	10.03	1000	J
	Tetrachloro-1,1-biphenyl isomer-9	10.16	750	J
	Unknown-3	15.27	540	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35550.d
Report Date: 22-Mar-2013 10:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35550.d
Lab Smp Id: 460-52450-F-4-E Client Smp ID: PMP-23-NE-VS
Inj Date : 20-MAR-2013 00:18
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-4-E
Misc Info : 460-52450-F-4-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 27
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	15.03000	Weight of sample extracted (g)
M	5.87219	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.210	3.110	(0.729)	1234198	68.2714	4800
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	1342184	64.7719	4600
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	533204	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	627236	39.4077	2800
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	1497826	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	4336	0.16832	12(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	951556	44.8964	3200
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	624837	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	197527	76.0397	5400
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	671112	40.0000	
56 Fluoranthene	202	10.096	10.096	(1.134)	9412	0.63317	45(a)
57 Pyrene	202	10.325	10.325	(0.883)	13308	0.50586	36(a)
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	530477	28.9552	2000

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35550.d
Report Date: 22-Mar-2013 10:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.694	11.694	(1.000)	578656	40.0000	
65 Benzo(b)fluoranthene	252	13.104	13.104	(0.961)	12196	0.46073	32(a)
67 Benzo(a)pyrene	252	13.551	13.556	(0.994)	8177	0.38595	27(a)
* 84 Perylene-d12	264	13.639	13.633	(1.000)	849693	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	15.096	15.096	(1.107)	6613	0.29822	21(a)
69 Dibenz(a,h)anthracene	278	15.114	15.119	(1.108)	4182	0.21823	15(a)
70 Benzo(g,h,i)perylene	276	15.460	15.460	(1.134)	10644	0.49706	35(a)

QC Flag Legend

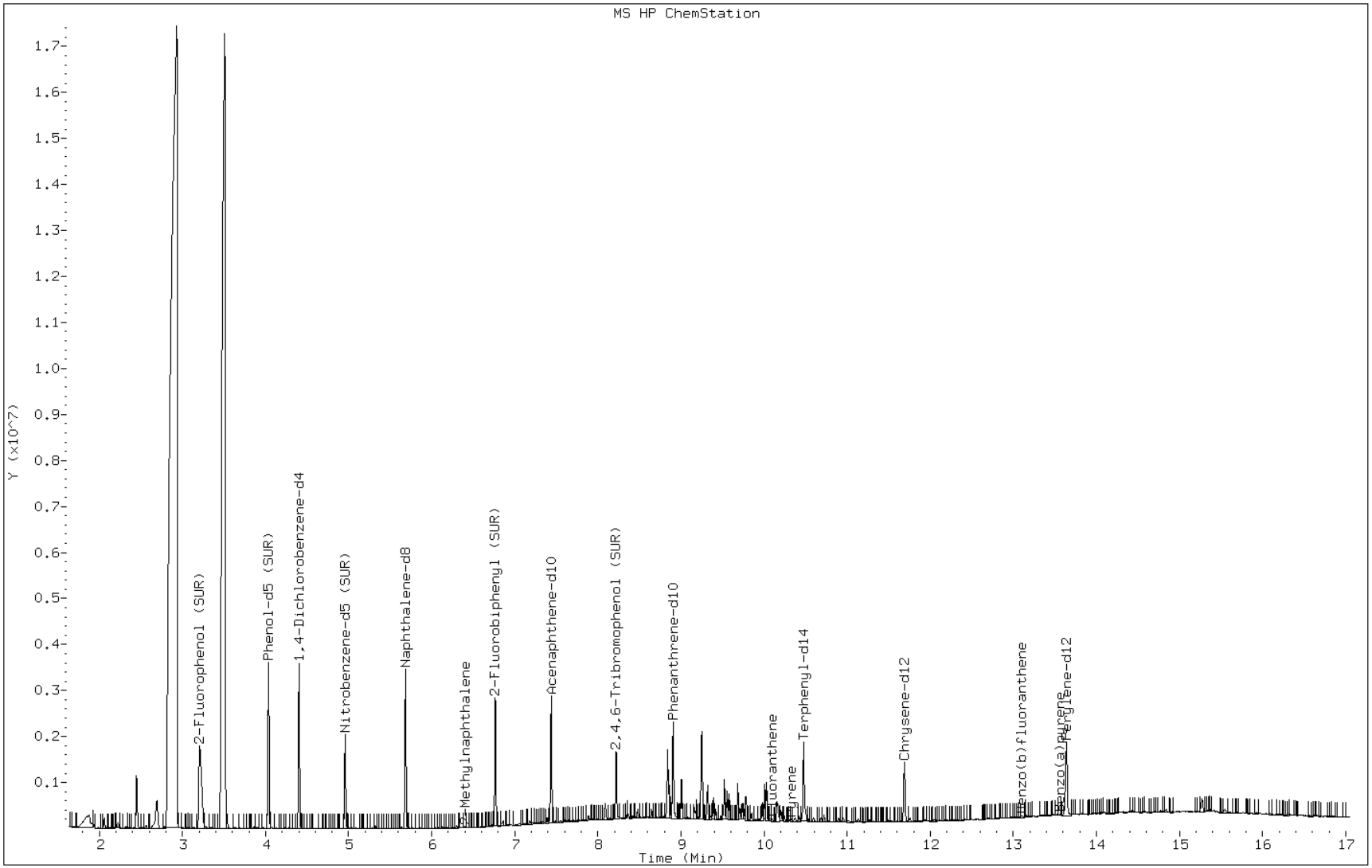
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35550.d

Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4



Data File: p35550.d

Date: 20-MAR-2013 00:18

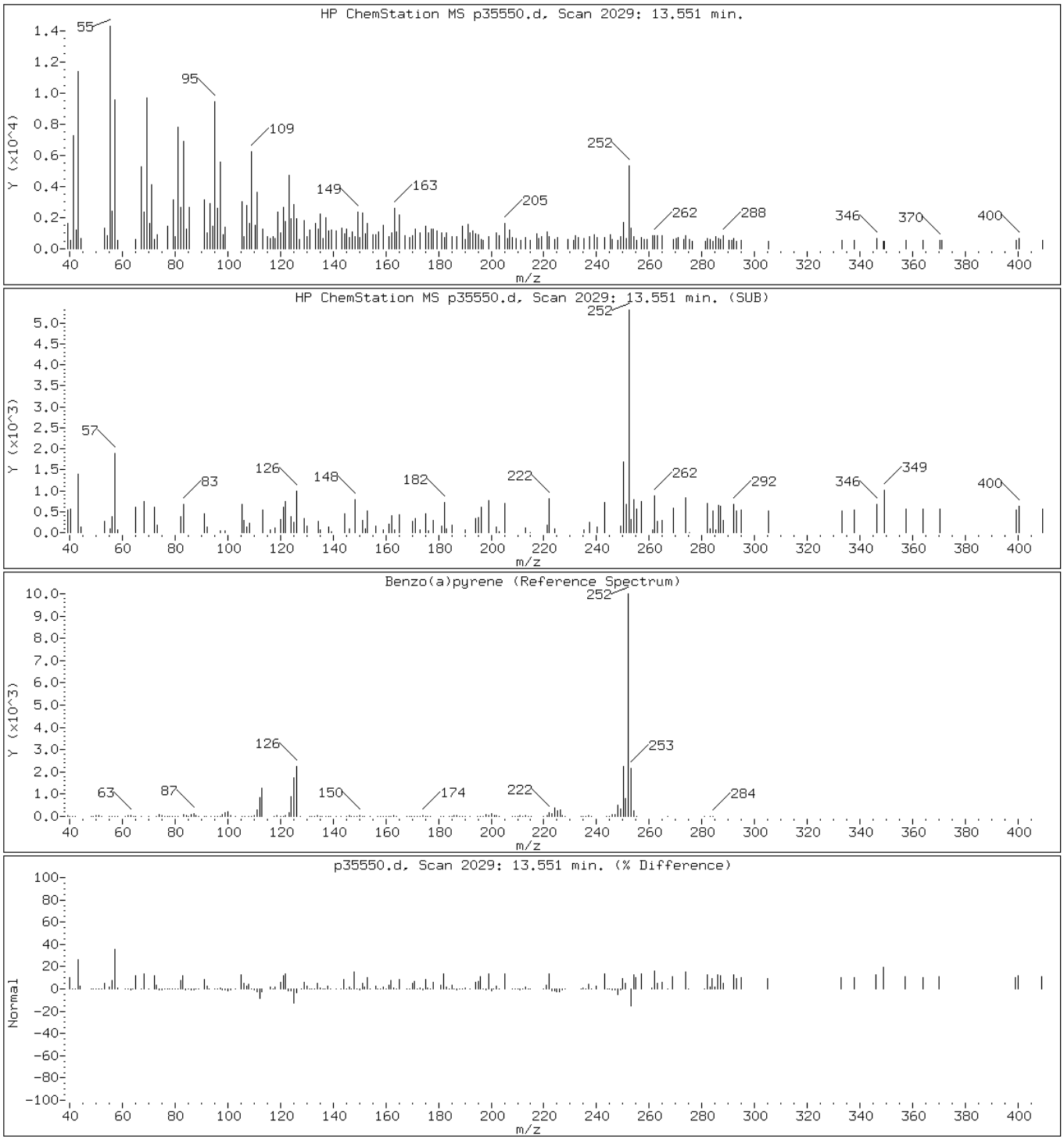
Client ID: PMP-23-NE-VS

Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E

Operator: BNAMS 4

67 Benzo(a)pyrene



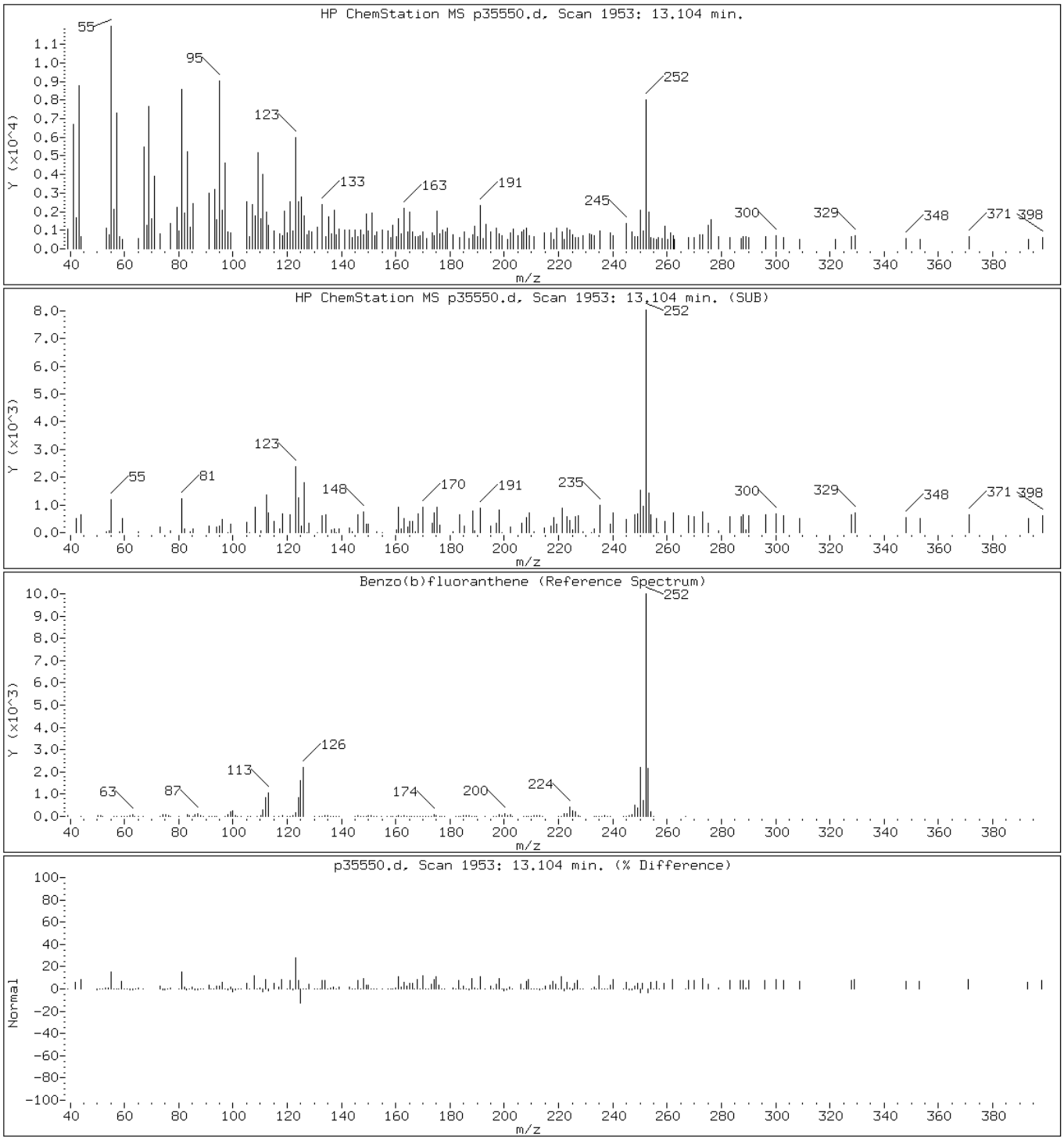
Data File: p35550.d

Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: p35550.d

Date: 20-MAR-2013 00:18

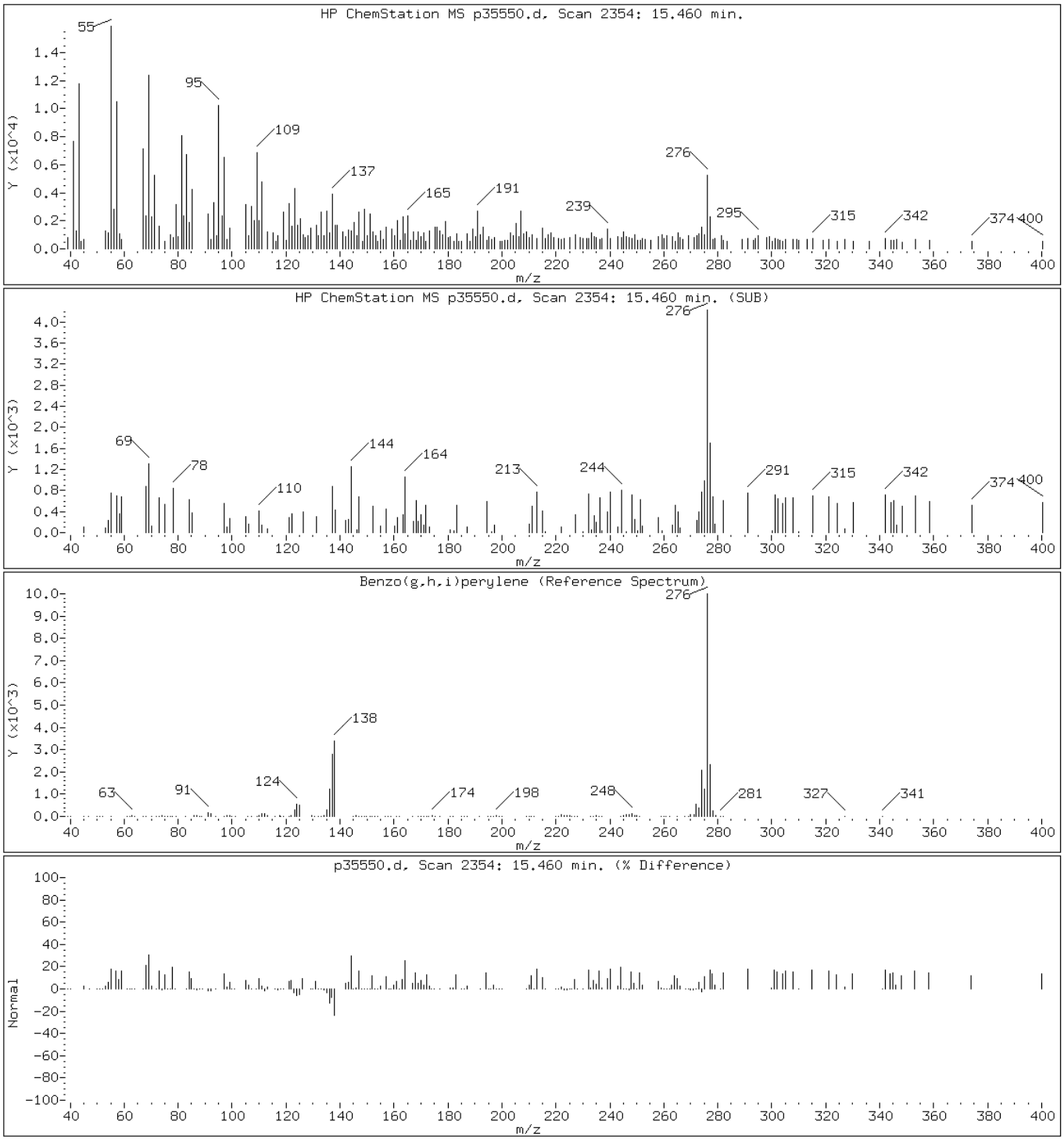
Client ID: PMP-23-NE-VS

Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E

Operator: BNAMS 4

70 Benzo(g,h,i)perylene



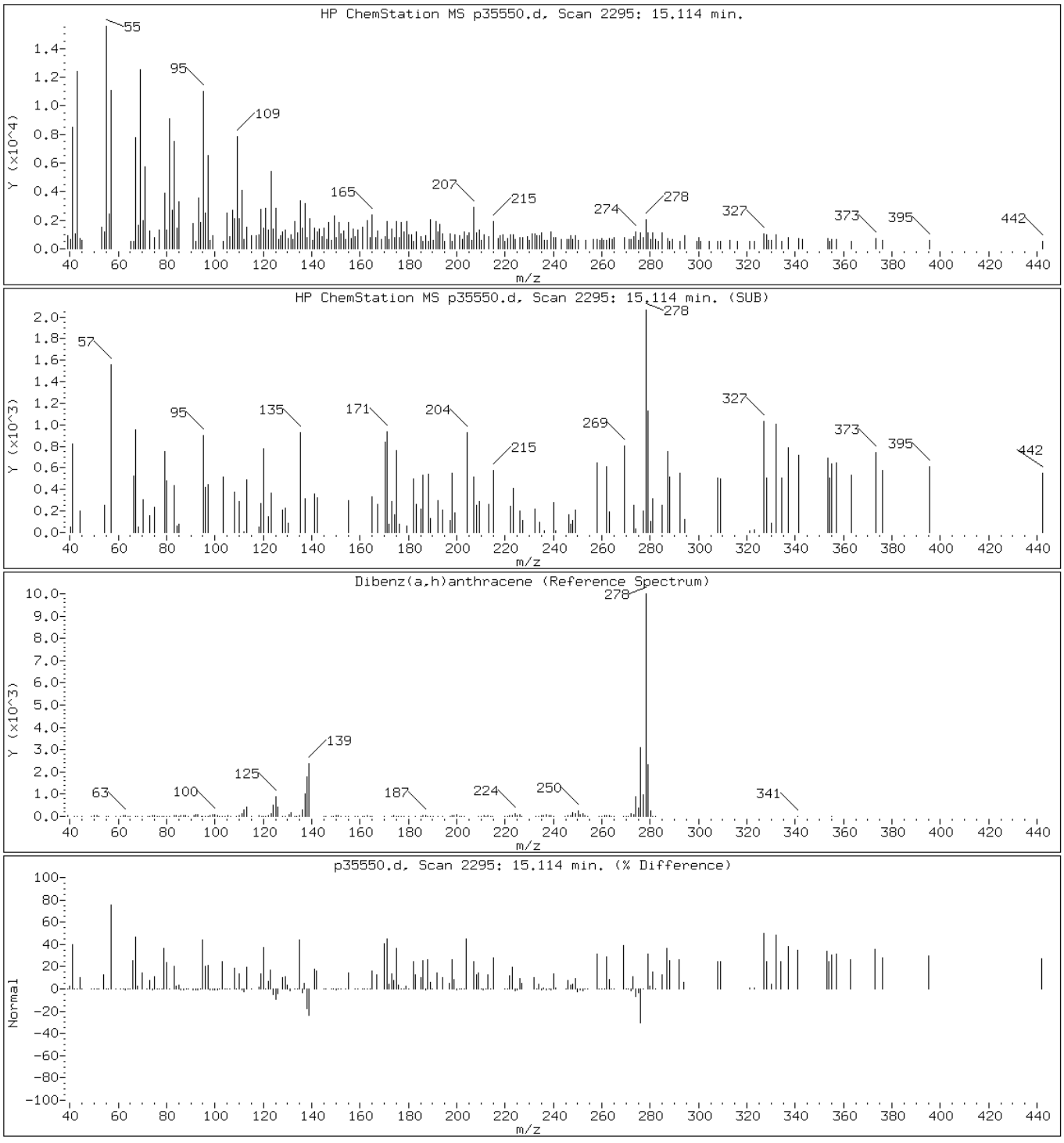
Data File: p35550.d

Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

69 Dibenz(a,h)anthracene



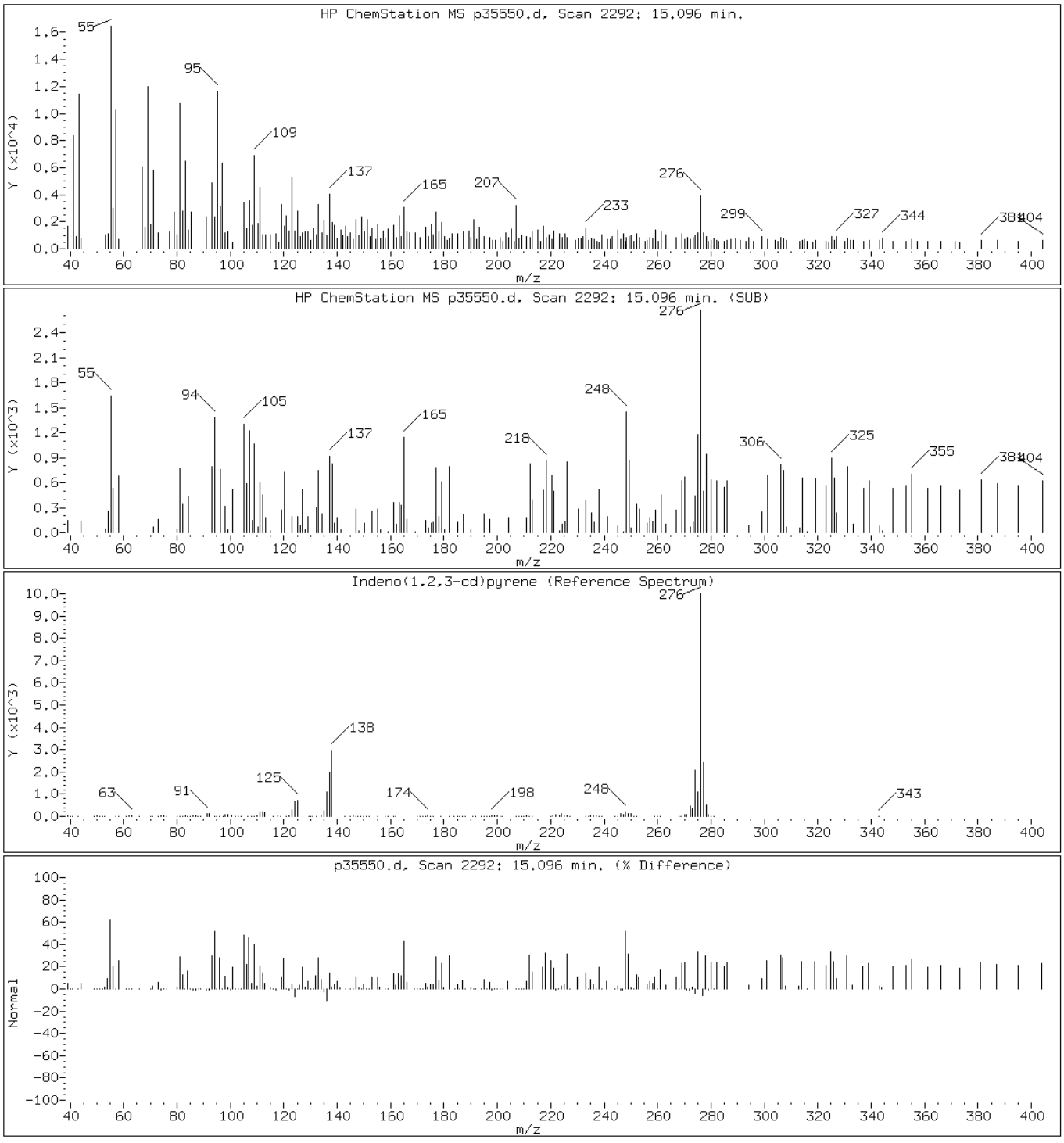
Data File: p35550.d

Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



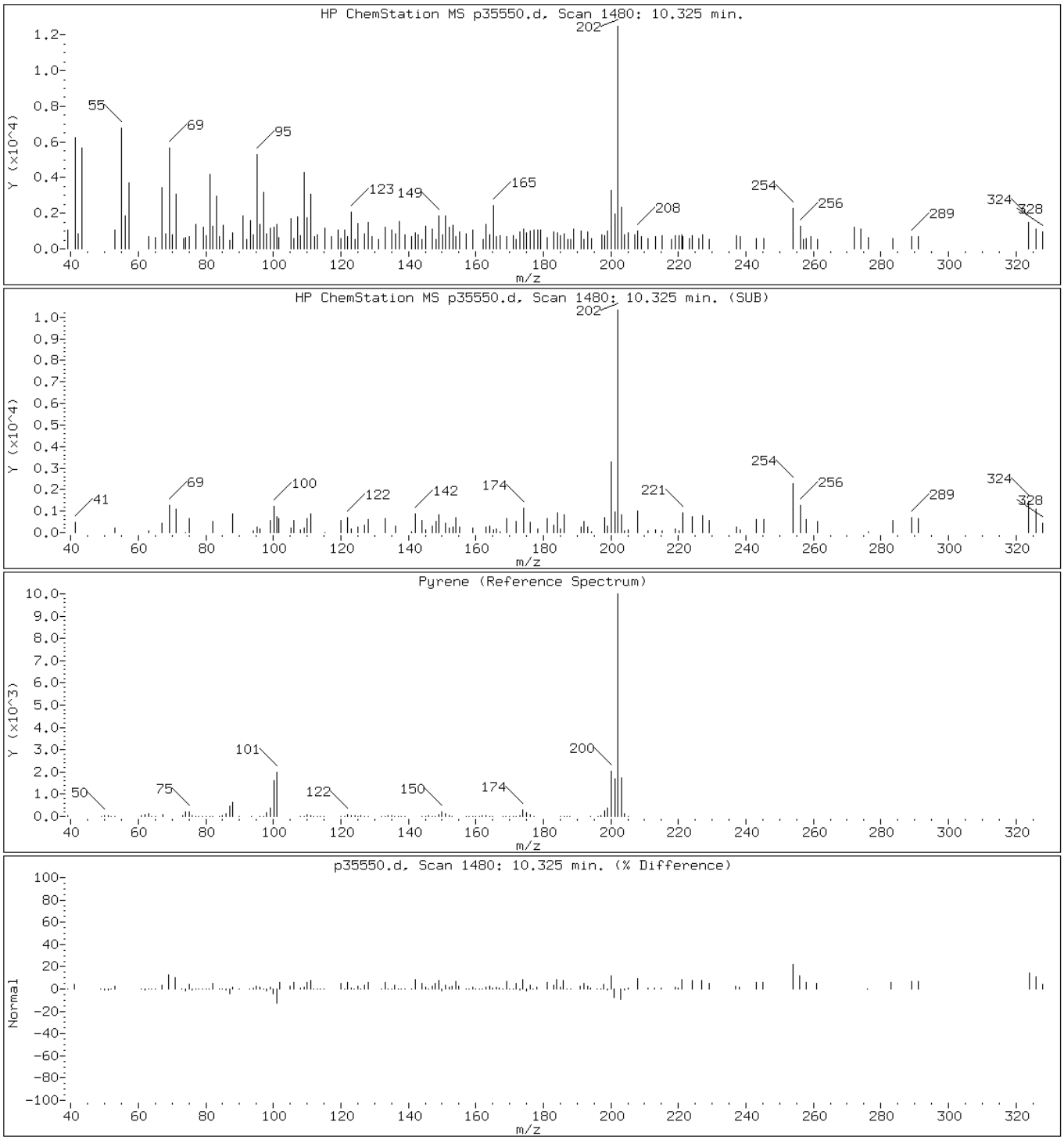
Data File: p35550.d

Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

57 Pyrene



Data File: p35550.d

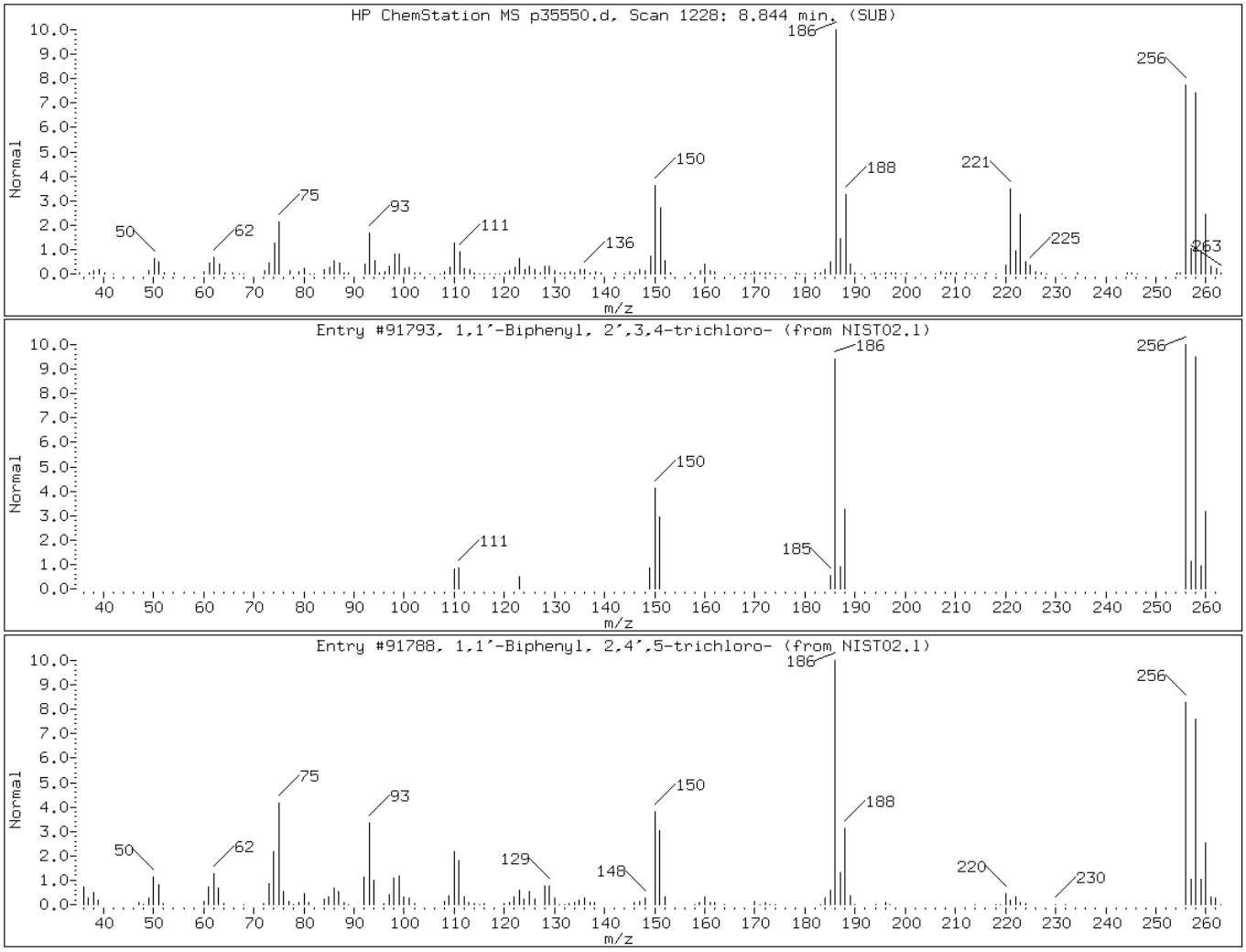
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 8.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	94	C12H7Cl3	256



Data File: p35550.d

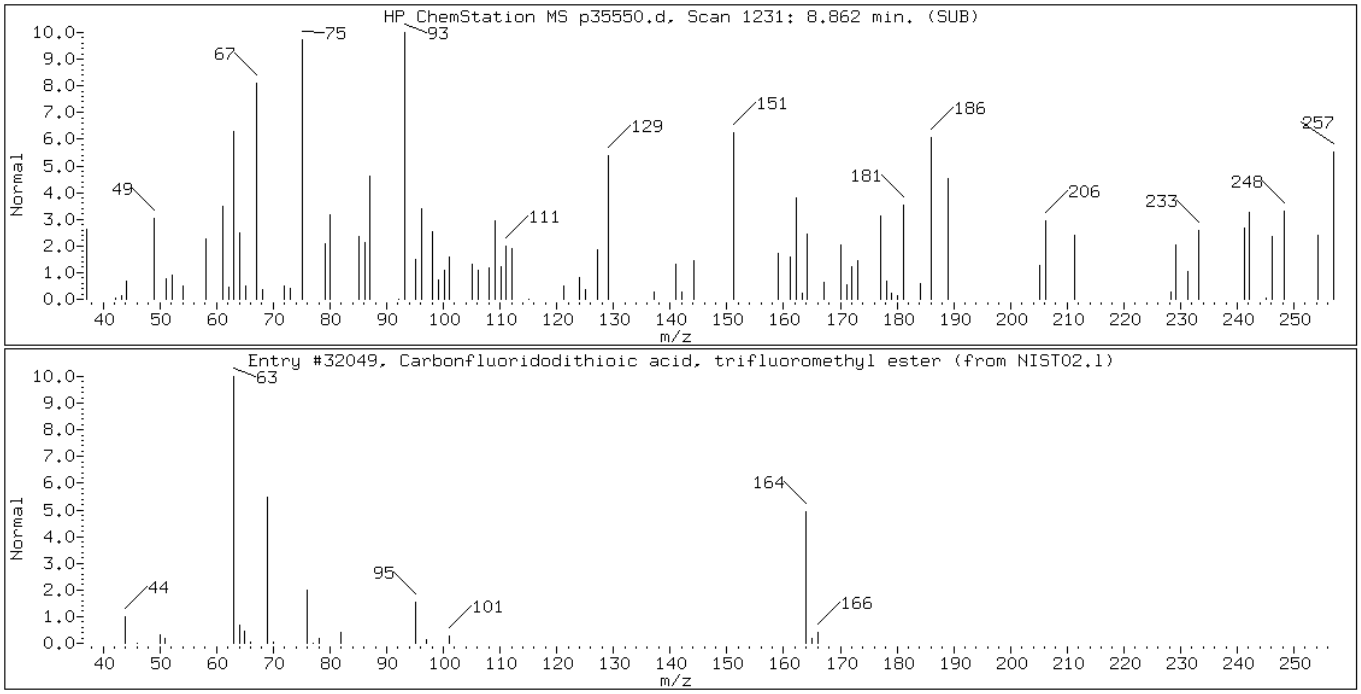
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 8.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Carbonfluoridodithioic acid, trifl	371-73-3	NIST02.l	32049	22	C2F4S2	164



Data File: p35550.d

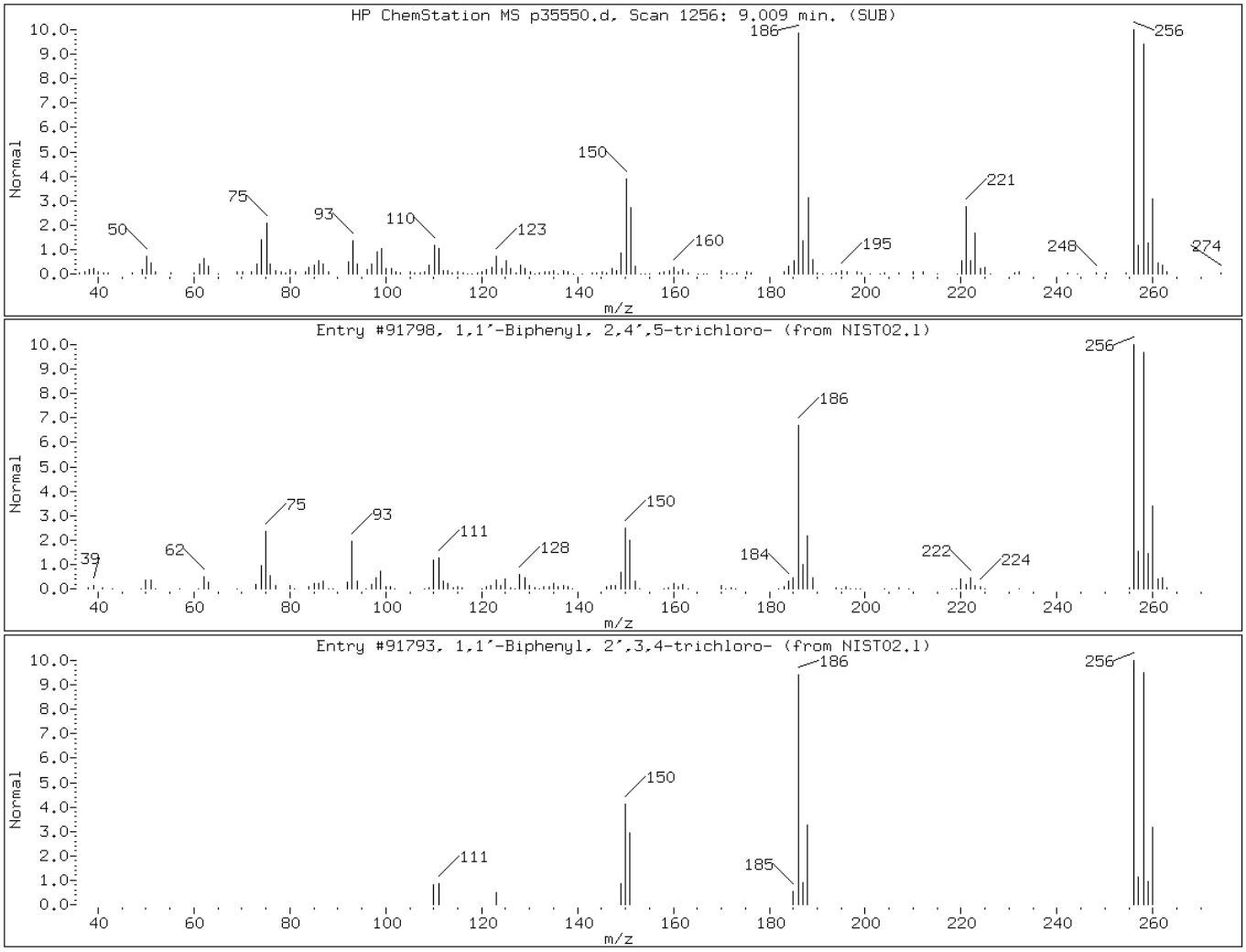
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	99	C12H7Cl3	256



Data File: p35550.d

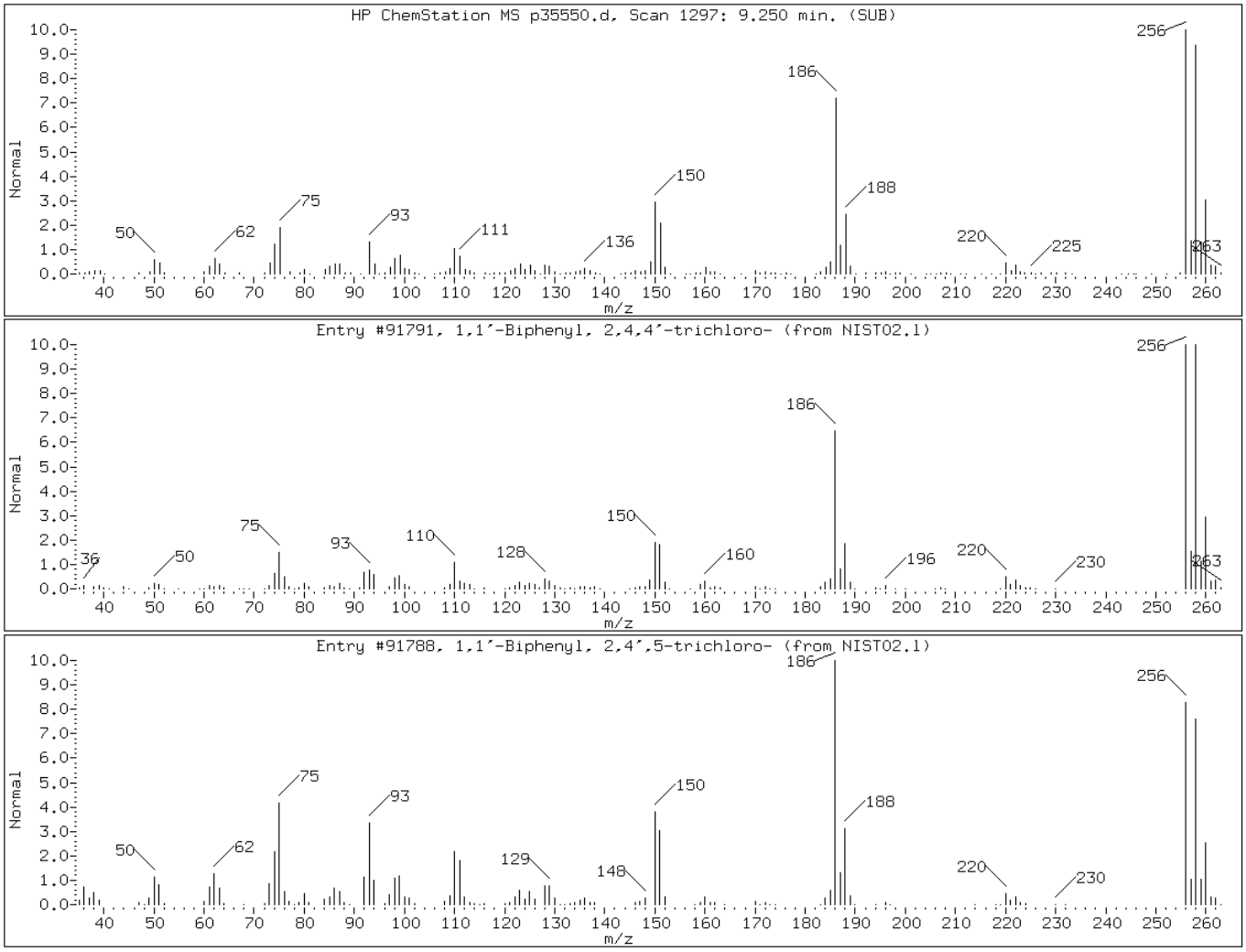
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: p35550.d

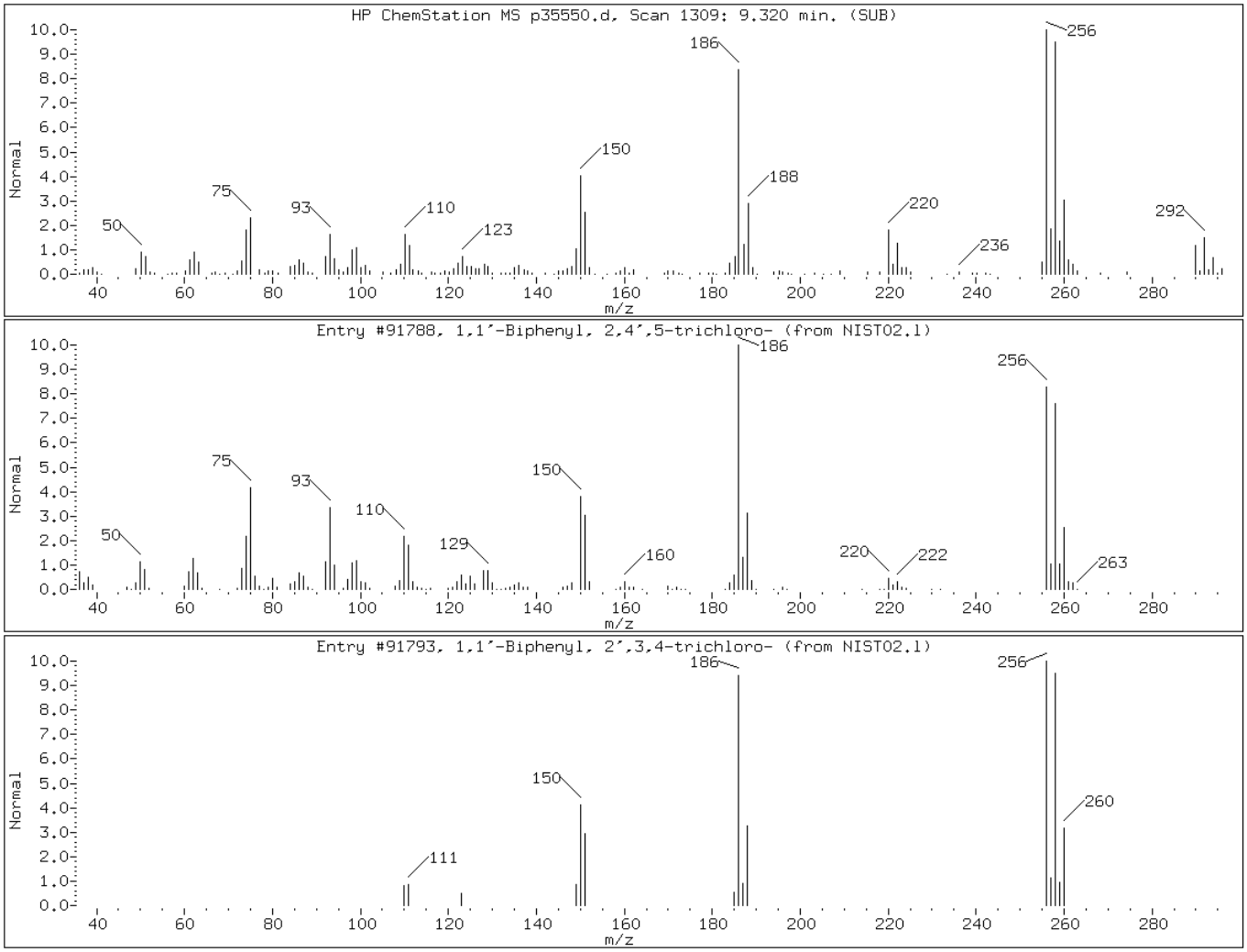
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: p35550.d

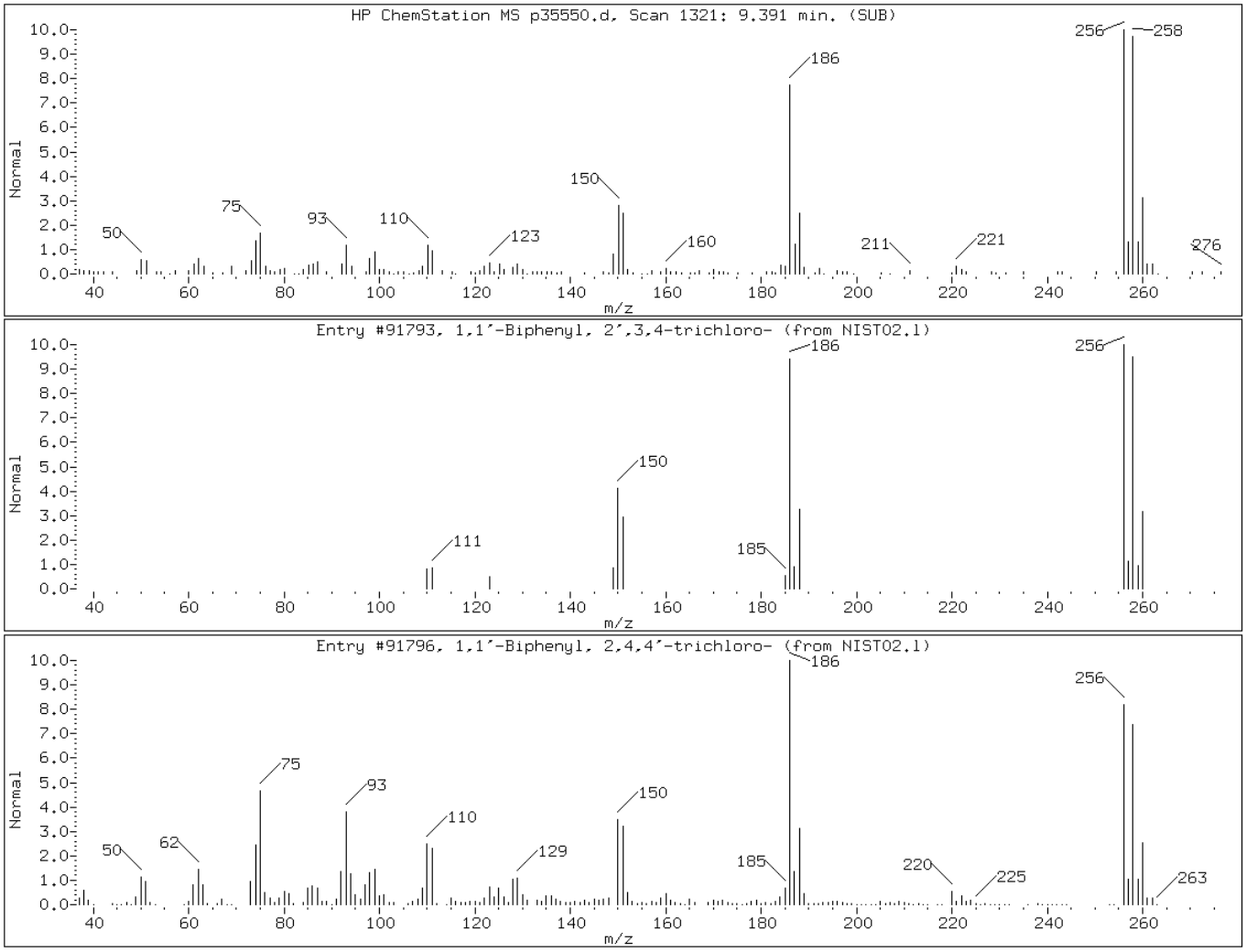
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	95	C12H7Cl3	256



Data File: p35550.d

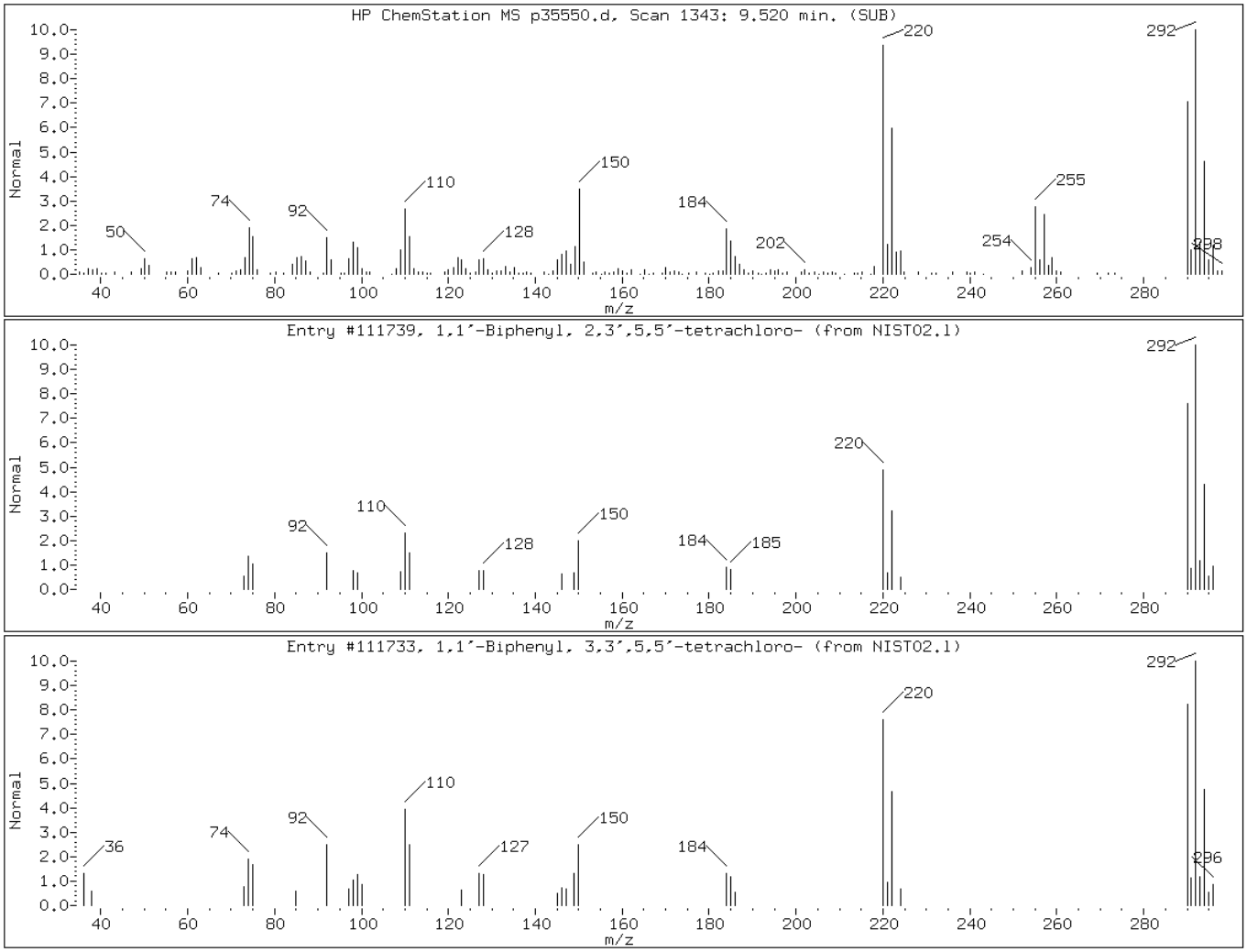
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	98	C12H6Cl4	290
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	95	C12H6Cl4	290



Data File: p35550.d

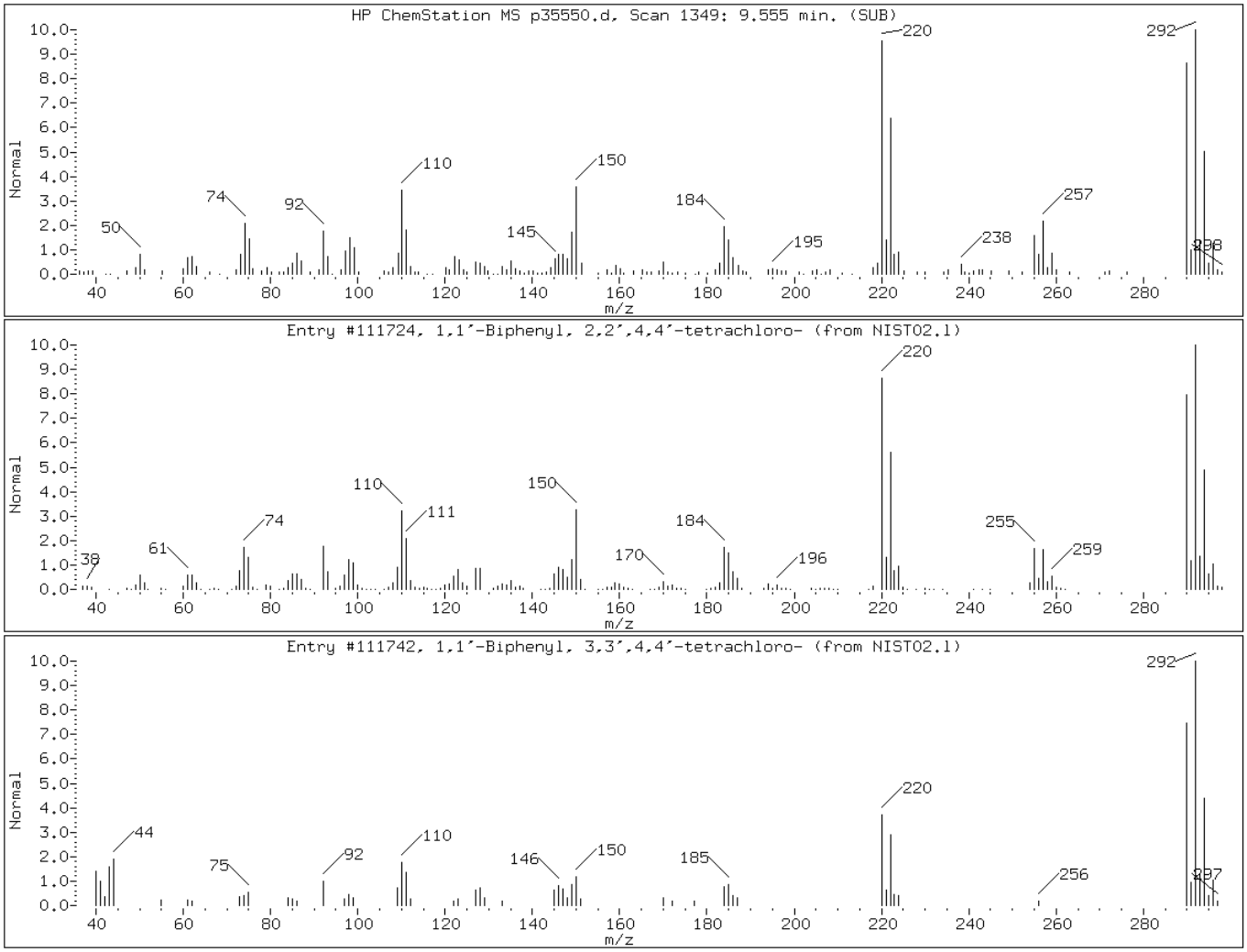
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	97	C12H6Cl4	290



Data File: p35550.d

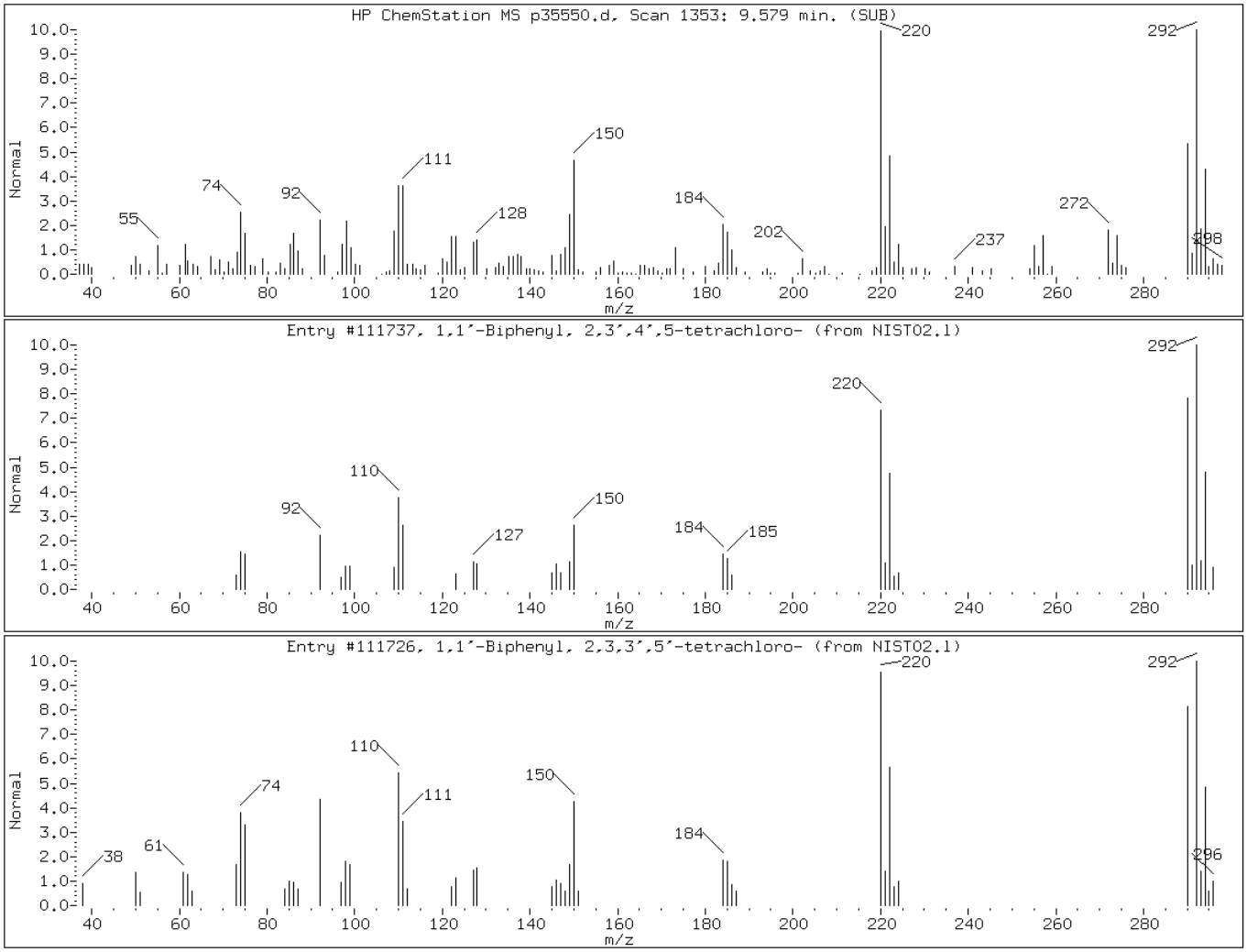
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	95	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	81	C12H6Cl4	290



Data File: p35550.d

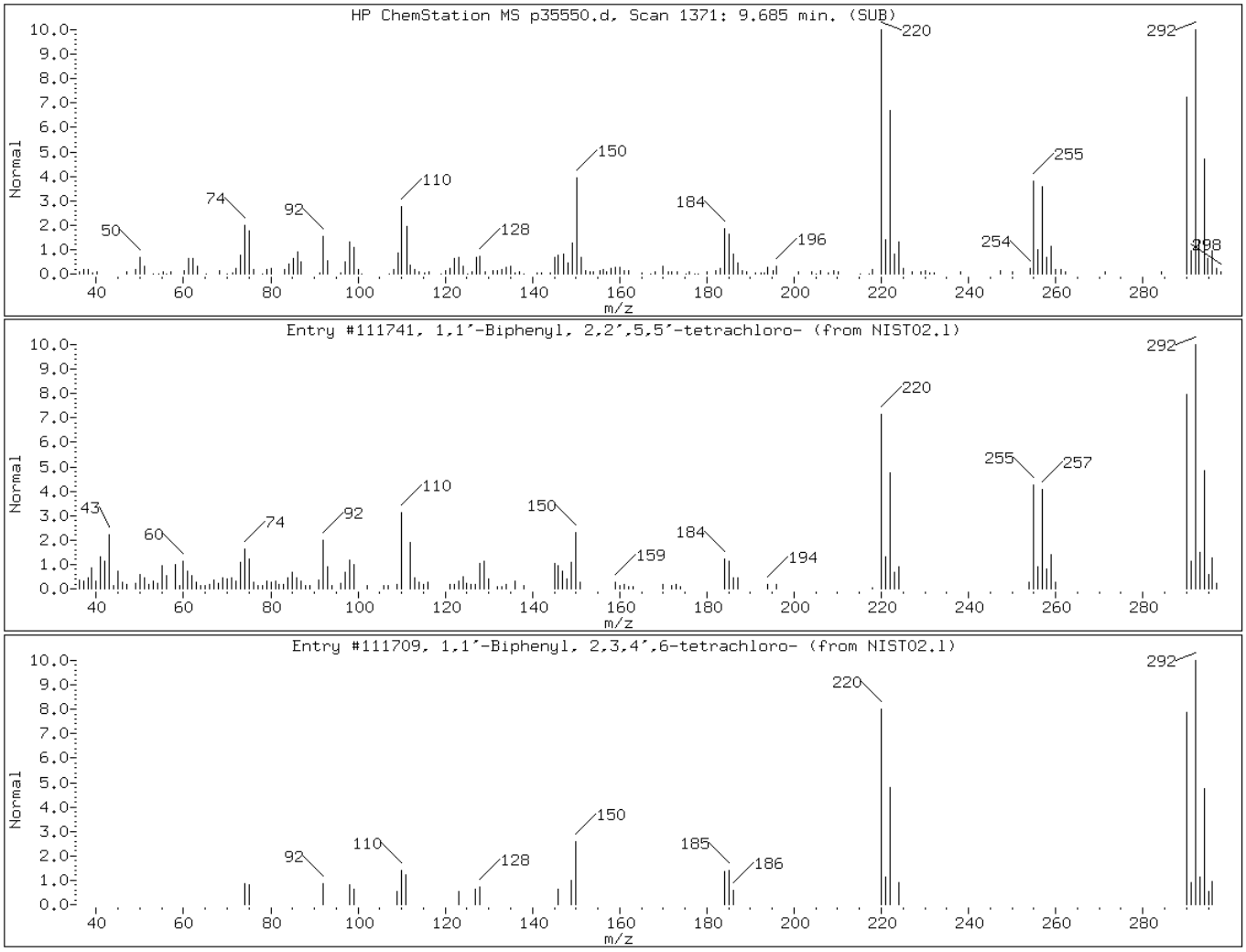
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: p35550.d

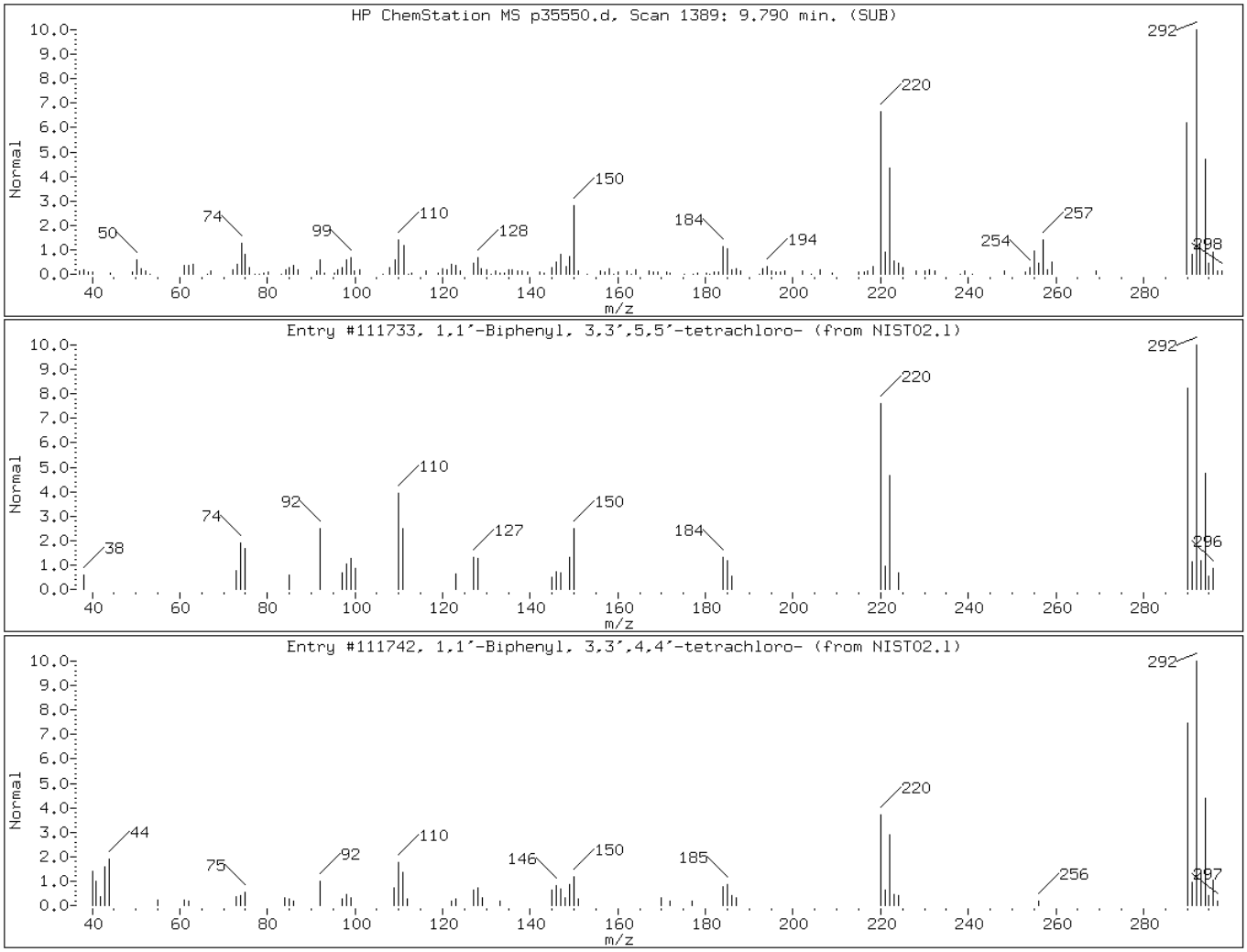
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 9.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	96	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	94	C12H6Cl4	290



Data File: p35550.d

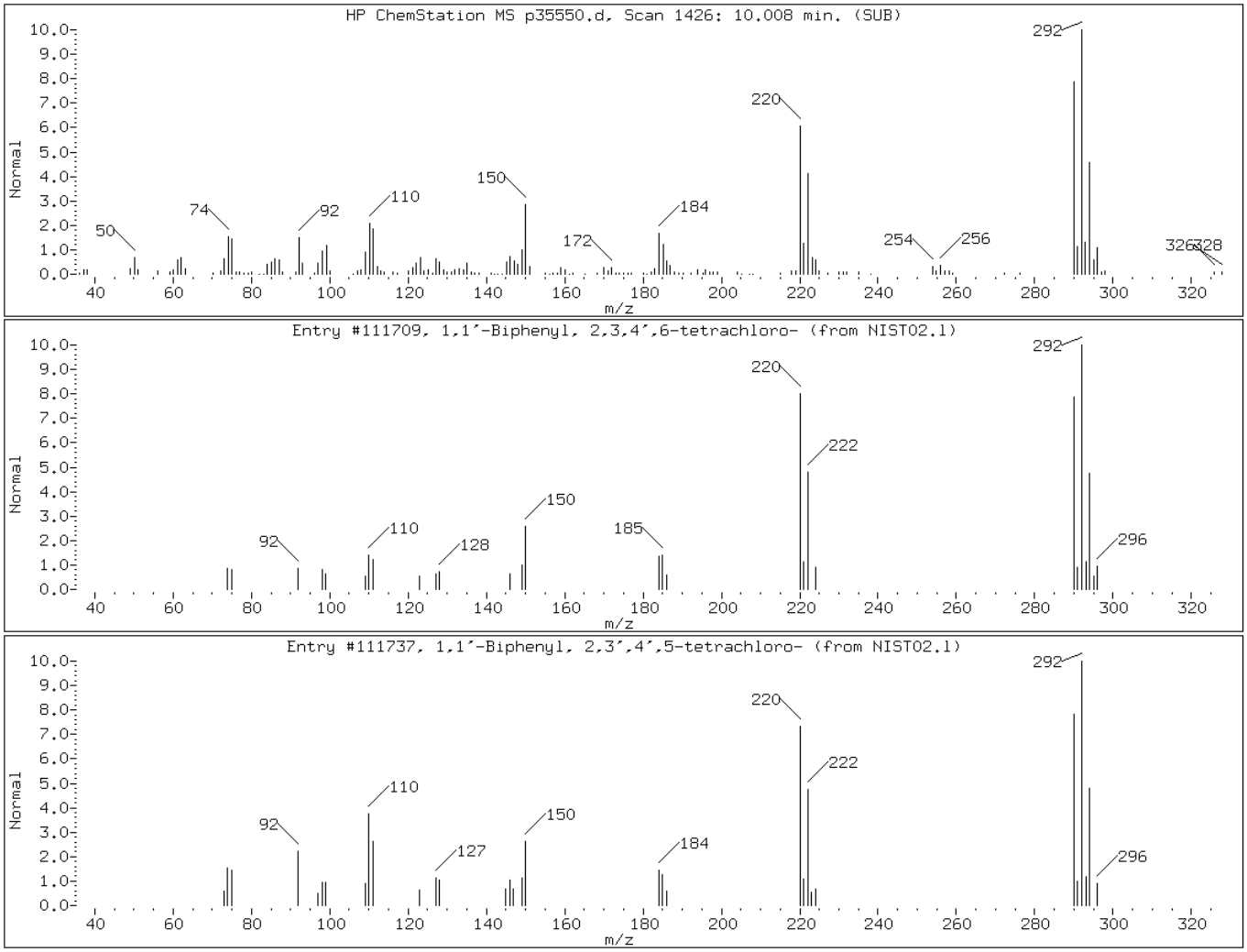
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 10.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: p35550.d

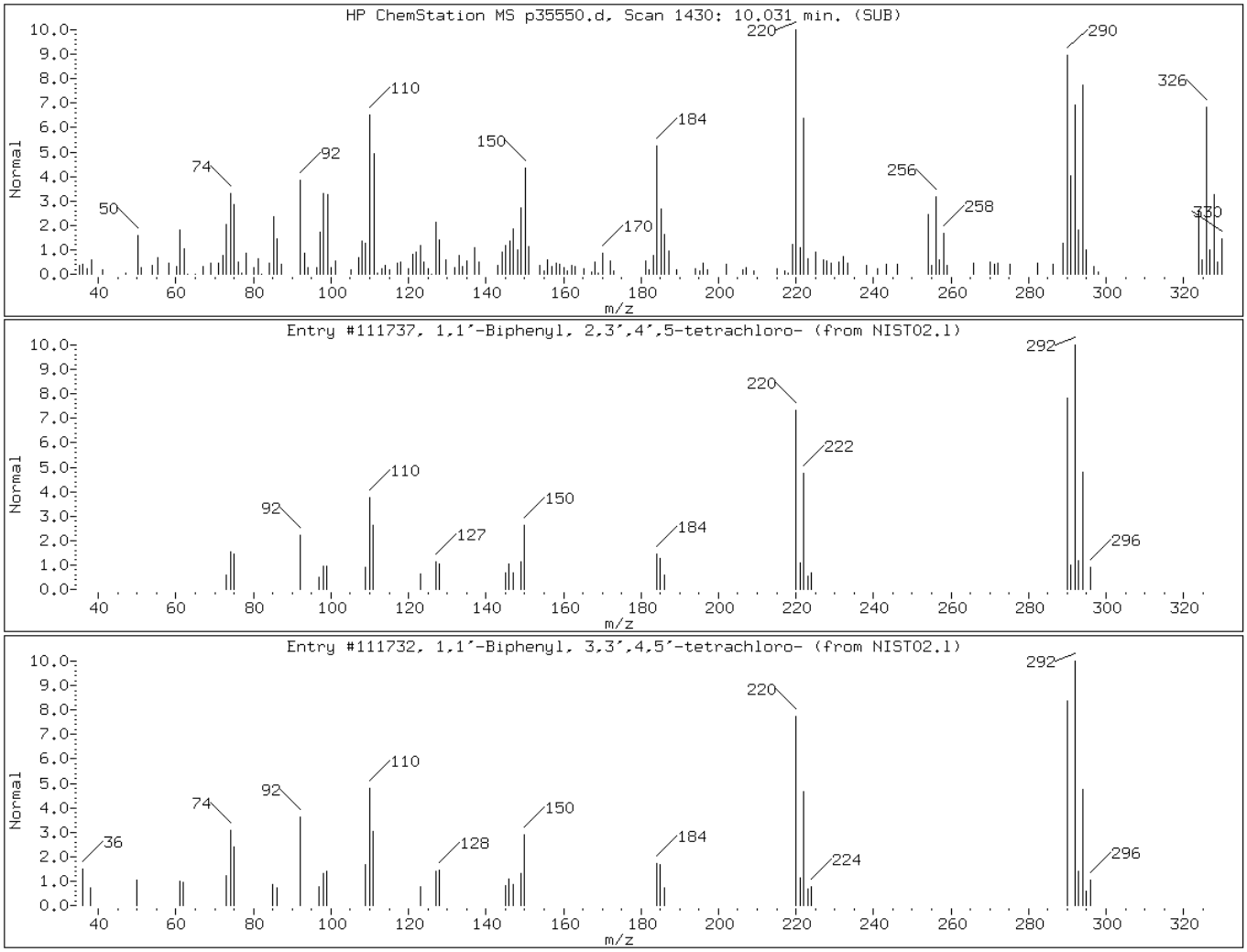
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 10.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	94	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,5'-tetrachlo	41464-48-6	NIST02.l	111732	89	C12H6Cl4	290



Data File: p35550.d

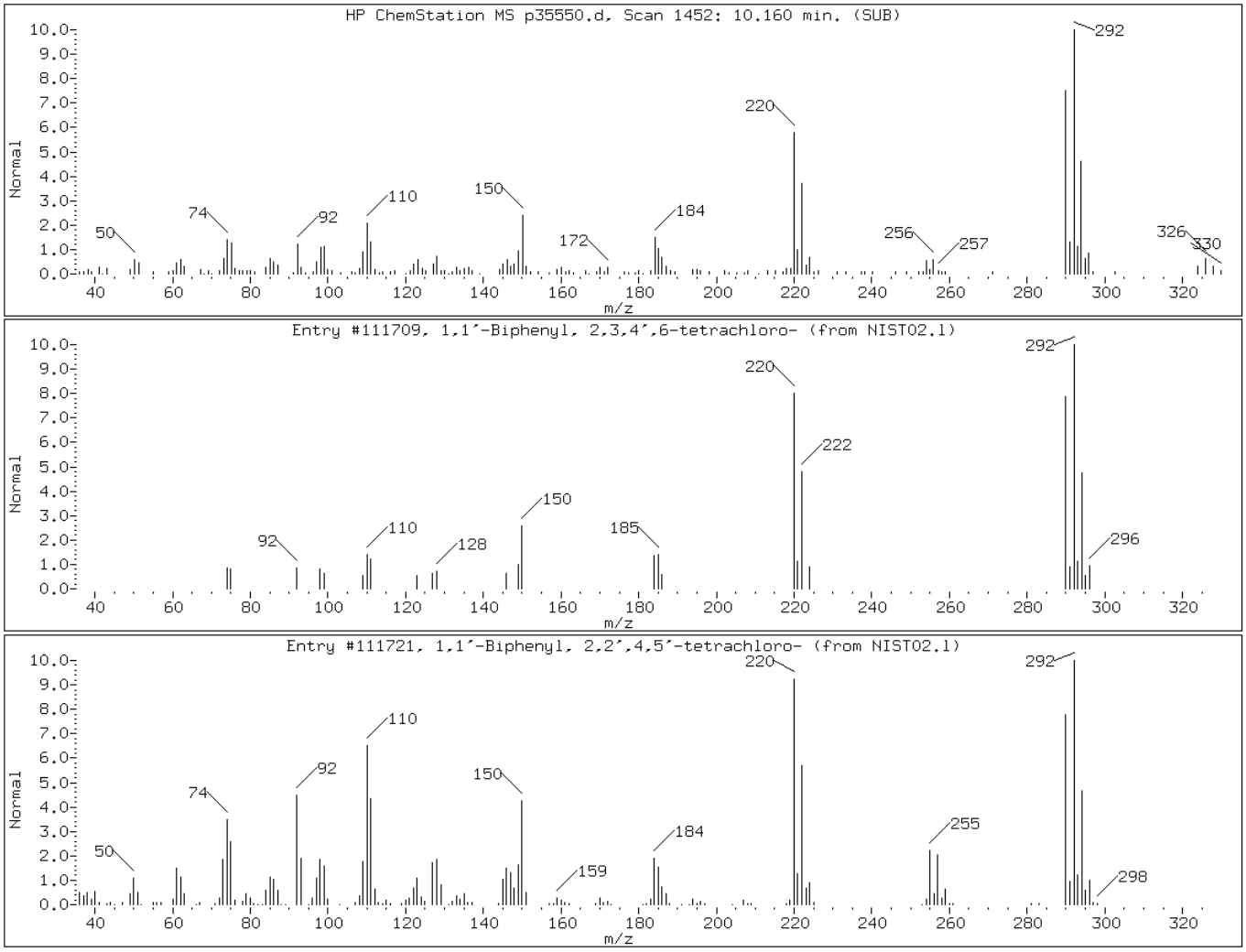
Date: 20-MAR-2013 00:18

Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 10.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	96	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	96	C12H6Cl4	290



Data File: p35550.d

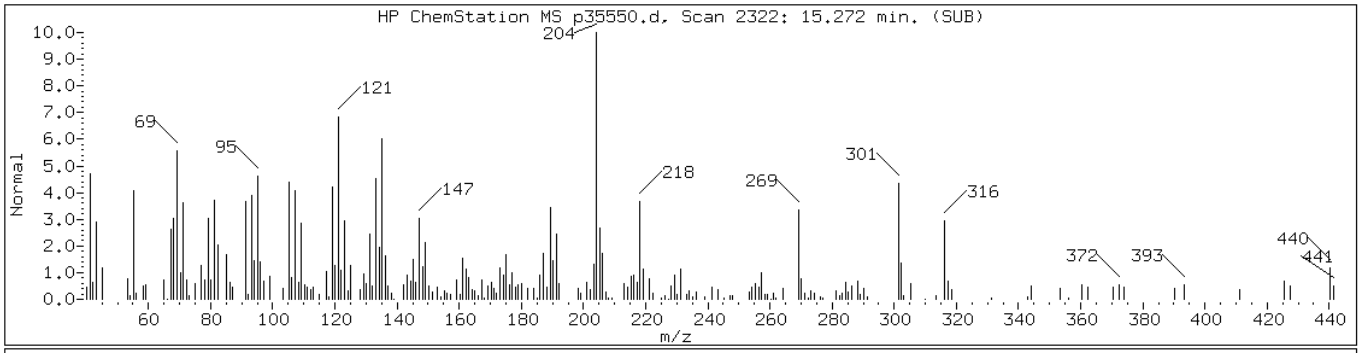
Date: 20-MAR-2013 00:18

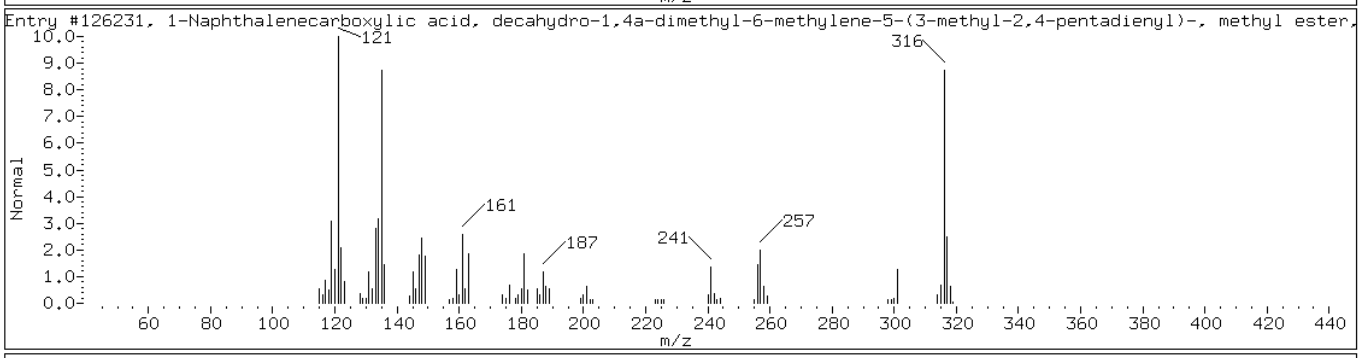
Client ID: PMP-23-NE-VS Instrument: BNAMS10.i

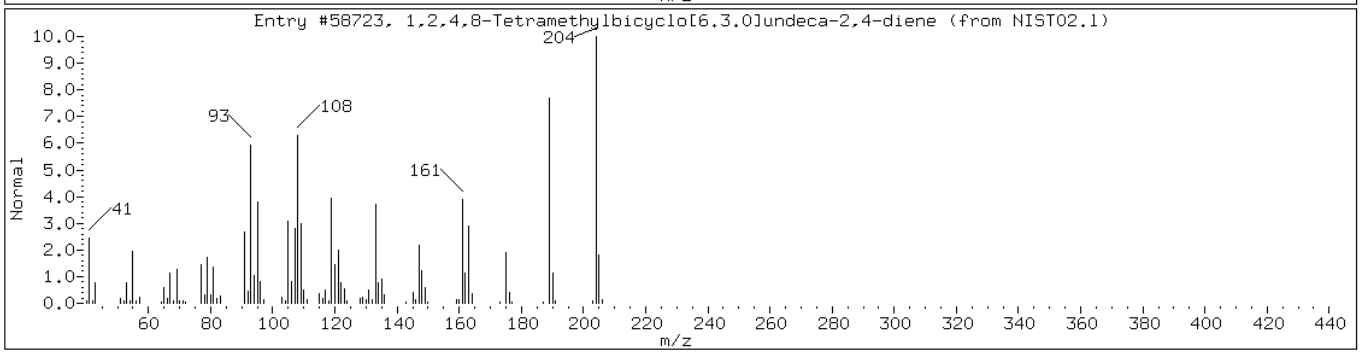
Sample Info: 460-52450-F-4-E Operator: BNAMS 4

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1-Naphthalenecarboxylic acid, deca	1235-39-8	NIST02.l	126231	91	C21H32O2	316
1,2,4,8-Tetramethylbicyclo[6.3.0]u	137235-51-9	NIST02.l	58723	60	C15H24	204







FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS | Lab Sample ID: 460-52450-5

Matrix: Solid | Lab File ID: p35545.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 22:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.0	U	35	4.0
95-50-1	1,2-Dichlorobenzene	41	U	350	41
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	40	U	350	40
121-14-2	2,4-Dinitrotoluene	12	U	71	12
606-20-2	2,6-Dinitrotoluene	11	U	71	11
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	150	U	710	150
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
99-09-2	3-Nitroaniline	120	U	710	120
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
106-47-8	4-Chloroaniline	93	U	350	93
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	42	U	350	42
120-12-7	Anthracene	43	U	350	43
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
108-60-1	bis (2-chloroisopropyl) ether	39	U	350	39
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	42	U	350	42
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
131-11-3	Dimethyl phthalate	42	U	350	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS | Lab Sample ID: 460-52450-5

Matrix: Solid | Lab File ID: p35545.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 22:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	47	U	350	47
86-73-7	Fluorene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	43	U	350	43
91-20-3	Naphthalene	41	U	350	41
98-95-3	Nitrobenzene	5.0	U	35	5.0
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-01-8	Phenanthrene	45	U	350	45
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	80		40-109
4165-60-0	Nitrobenzene-d5	67		38-105
1718-51-0	Terphenyl-d14	66		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS | Lab Sample ID: 460-52450-5

Matrix: Solid | Lab File ID: p35545.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 22:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.36	300	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35545.d
Report Date: 22-Mar-2013 10:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35545.d
Lab Smp Id: 460-52450-F-5-E Client Smp ID: PMP-14-NE VS
Inj Date : 19-MAR-2013 22:12
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-5-E
Misc Info : 460-52450-F-5-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 22
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	15.04000	Weight of sample extracted (g)
M	6.22711	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.227	3.110	(0.732)	1519294	58.5580	4200
$ 17 Phenol-d5 (SUR)	99	4.044	4.044	(0.917)	1815294	61.0396	4300
* 79 1,4-Dichlorobenzene-d4	152	4.408	4.402	(1.000)	765250	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	805016	33.6393	2400
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2252005	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	4927	0.12721	9.0(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.764	6.770	(0.909)	1397750	39.9685	2800
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1030992	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.216	8.221	(1.104)	250440	58.4289	4100
115 n-Octadecane	57	8.786	8.791	(0.987)	7046	0.42234	30(a)
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1019796	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	618081	33.1810	2400
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	588350	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35545.d
Report Date: 22-Mar-2013 10:05

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.633	13.633	(1.000)	597450	40.0000	
70 Benzo(g,h,i)perylene	276	15.454	15.460	(1.134)	1135	0.07538	5.3(a)

QC Flag Legend

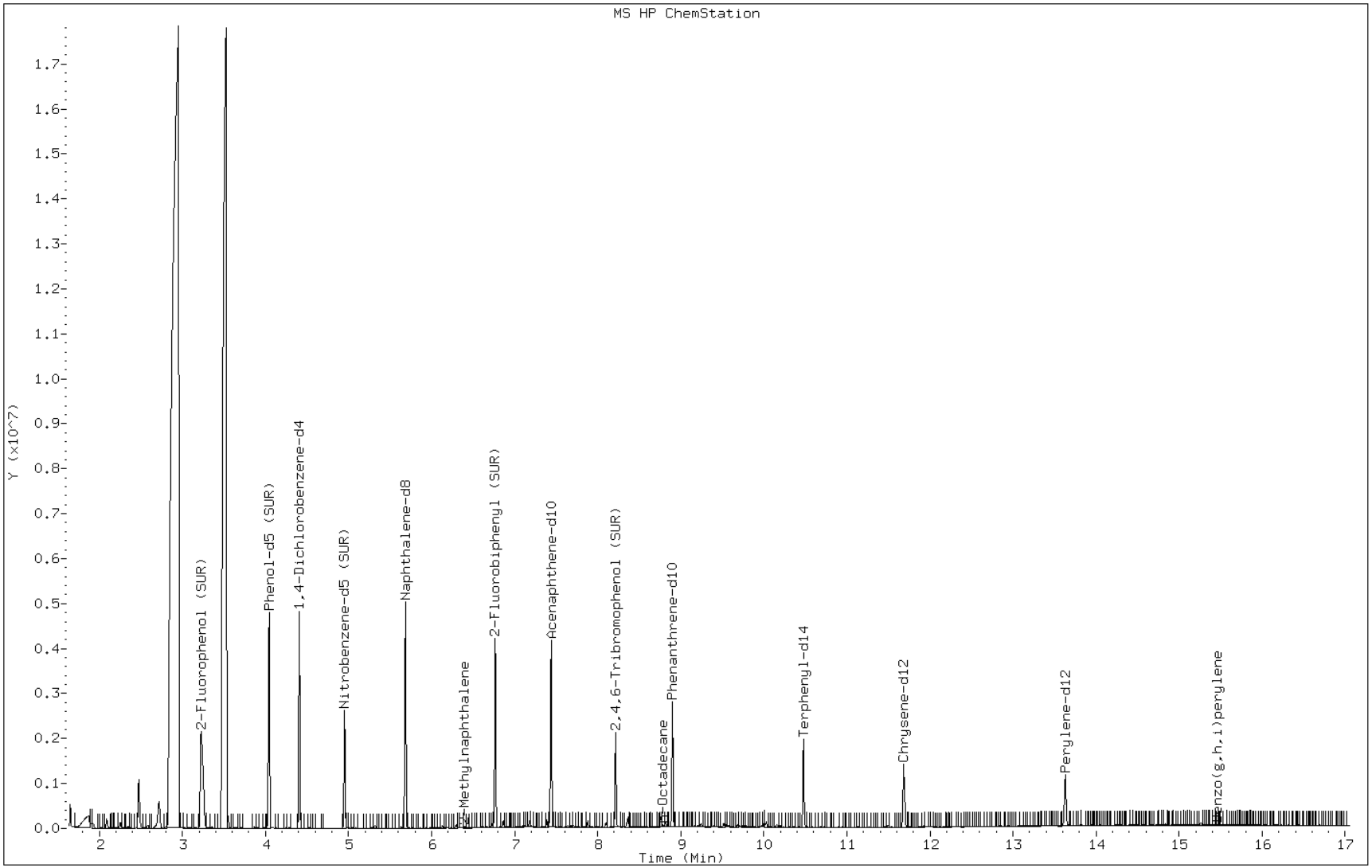
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35545.d

Date: 19-MAR-2013 22:12

Client ID: PMP-14-NE VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-5-E Operator: BNAMS 4



Data File: p35545.d

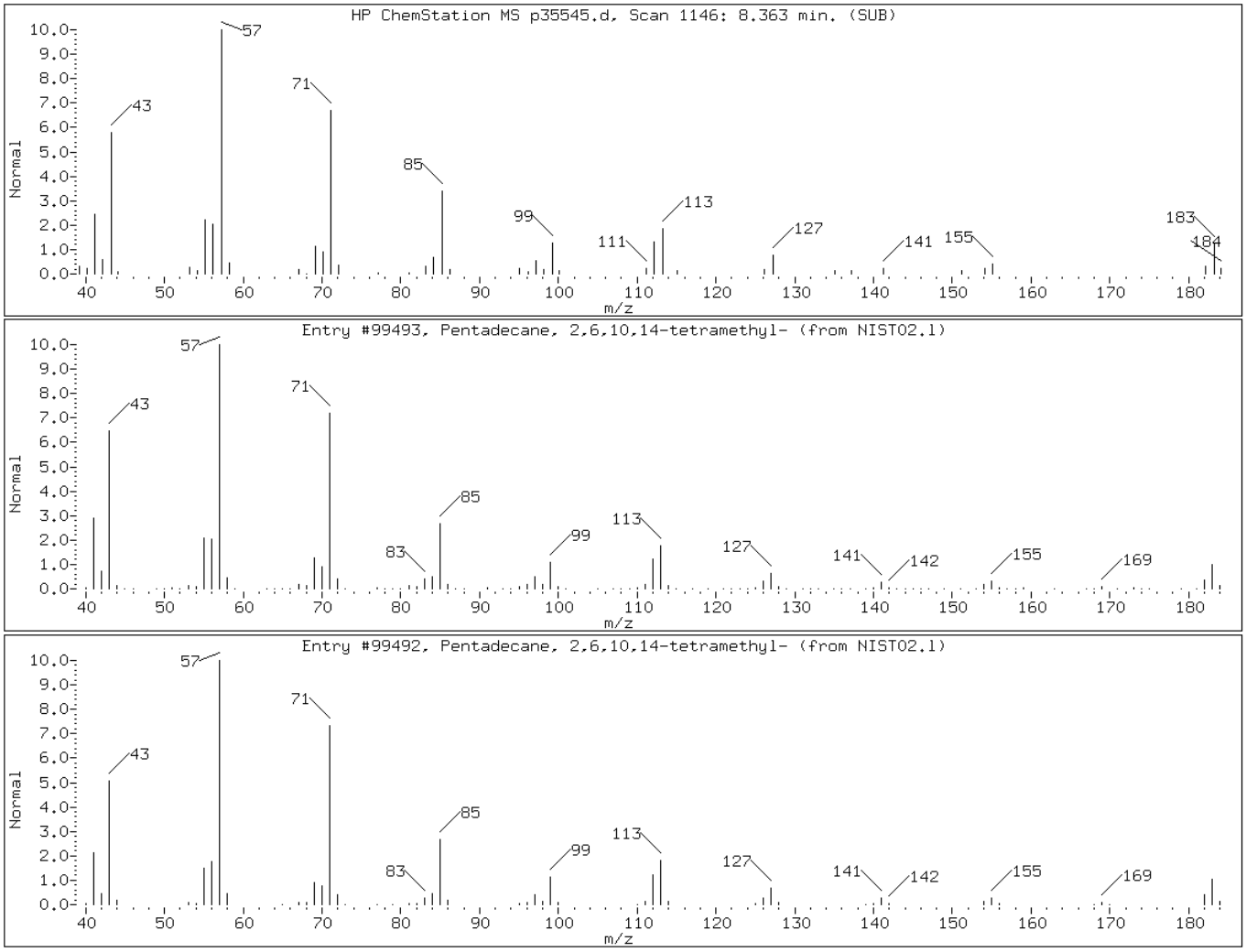
Date: 19-MAR-2013 22:12

Client ID: PMP-14-NE VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-5-E Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	91	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	91	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS | Lab Sample ID: 460-52450-6

Matrix: Solid | Lab File ID: p35547.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 23:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.0	U	35	4.0
95-50-1	1,2-Dichlorobenzene	41	U	350	41
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	39	U	350	39
121-14-2	2,4-Dinitrotoluene	12	U	71	12
606-20-2	2,6-Dinitrotoluene	11	U	71	11
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	150	U	710	150
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
99-09-2	3-Nitroaniline	120	U	710	120
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
106-47-8	4-Chloroaniline	93	U	350	93
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	41	U	350	41
120-12-7	Anthracene	43	U	350	43
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
108-60-1	bis (2-chloroisopropyl) ether	39	U	350	39
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	41	U	350	41
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
131-11-3	Dimethyl phthalate	41	U	350	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS | Lab Sample ID: 460-52450-6

Matrix: Solid | Lab File ID: p35547.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 23:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	47	U	350	47
86-73-7	Fluorene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	42	U	350	42
91-20-3	Naphthalene	40	U	350	40
98-95-3	Nitrobenzene	5.0	U	35	5.0
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-01-8	Phenanthrene	45	U	350	45
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	84		40-109
4165-60-0	Nitrobenzene-d5	68		38-105
1718-51-0	Terphenyl-d14	61		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS | Lab Sample ID: 460-52450-6

Matrix: Solid | Lab File ID: p35547.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 23:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 12100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	8.36	1900	J
	Unknown Alkane-2	8.54	590	J
	Unknown Alkane-4	8.82	1300	J
	Trichloro-1,1-biphenyl isomer-1	8.84	720	J
	Trichloro-1,1-biphenyl isomer-2	9.00	570	J
	Unknown Alkane-5	9.16	610	J
	Unknown Alkane-6	9.21	590	J
	Trichloro-1,1-biphenyl isomer-3	9.25	1700	J
	Trichloro-1,1-biphenyl isomer-5	9.39	490	J
	Tetrachloro-1,1-biphenyl isomer-1	9.52	760	J
	Tetrachloro-1,1-biphenyl isomer-2	9.56	480	J
	Tetrachloro-1,1-biphenyl isomer-4	9.68	640	J
	Tetrachloro-1,1-biphenyl isomer-5	9.78	540	J
	Tetrachloro-1,1-biphenyl isomer-7	10.16	540	J
	Unknown Alkane-8	10.36	670	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35547.d
Report Date: 22-Mar-2013 10:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35547.d
Lab Smp Id: 460-52450-F-6-E Client Smp ID: PMP-8-NE-VS
Inj Date : 19-MAR-2013 23:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-6-E
Misc Info : 460-52450-F-6-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.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	15.02000	Weight of sample extracted (g)
M	5.55556	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.227	3.110	(0.732)	1376979	57.8000	4100
$ 17 Phenol-d5 (SUR)	99	4.044	4.044	(0.917)	1637593	59.9690	4200
* 79 1,4-Dichlorobenzene-d4	152	4.408	4.402	(1.000)	702662	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	723908	34.1195	2400
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	1996607	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	15340	0.44672	31(aH)
120 1-Methylnaphthalene	142	6.500	6.506	(1.144)	8101	0.23376	16(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.764	6.770	(0.909)	1210550	42.1033	3000
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	19720	0.89355	63(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	847639	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.221	8.221	(1.105)	211261	59.9500	4200
115 n-Octadecane	57	8.791	8.791	(0.987)	87833	6.30034	440
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	852170	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35547.d
Report Date: 22-Mar-2013 10:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	52 Phenanthrene	178	8.927	8.927	(1.003)	3794	0.16336	12(a)
$	78 Terphenyl-d14	244	10.478	10.478	(0.896)	549999	30.5920	2200
*	81 Chrysene-d12	240	11.688	11.694	(1.000)	567850	40.0000	
*	84 Perylene-d12	264	13.633	13.633	(1.000)	684642	40.0000	

QC Flag Legend

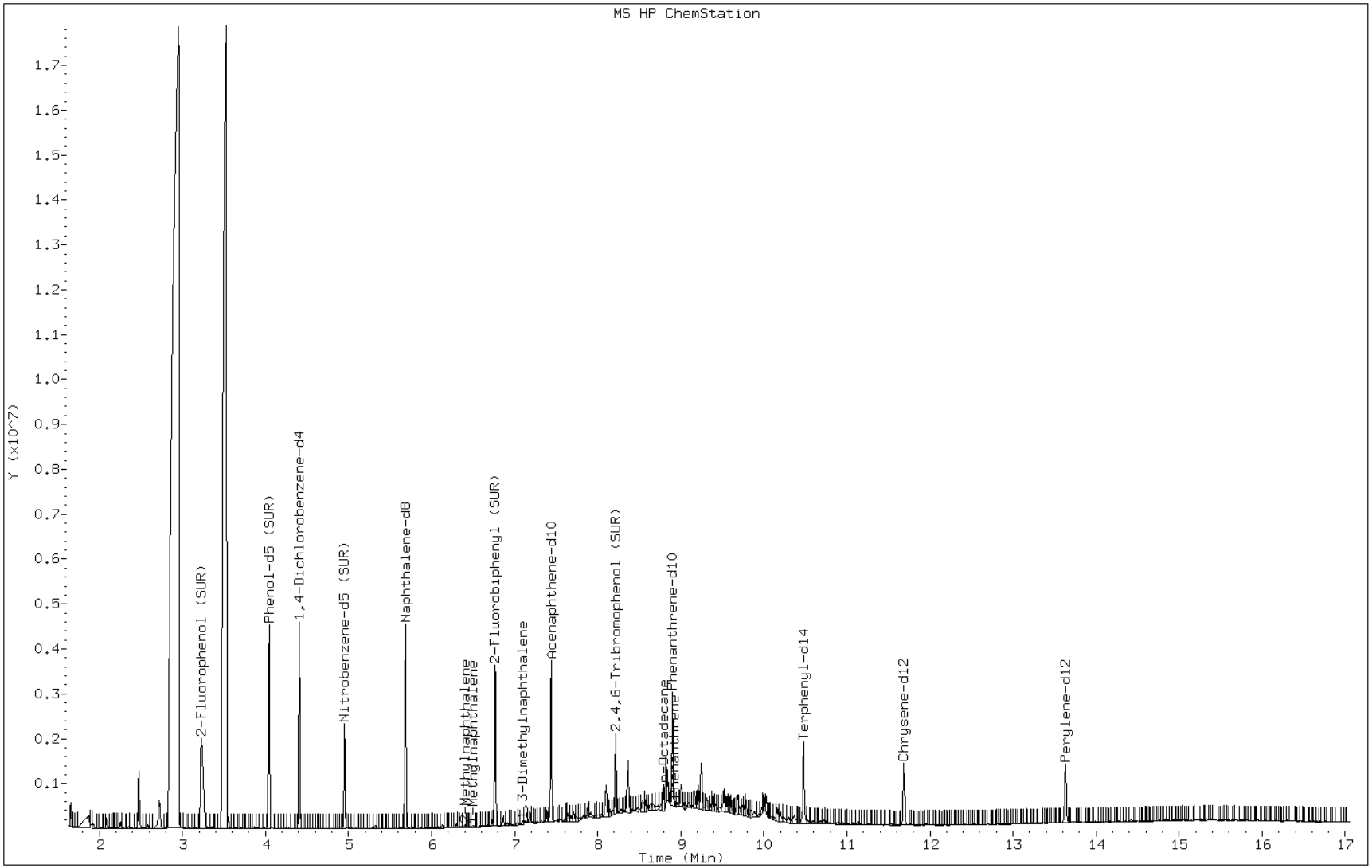
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p35547.d

Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4



Data File: p35547.d

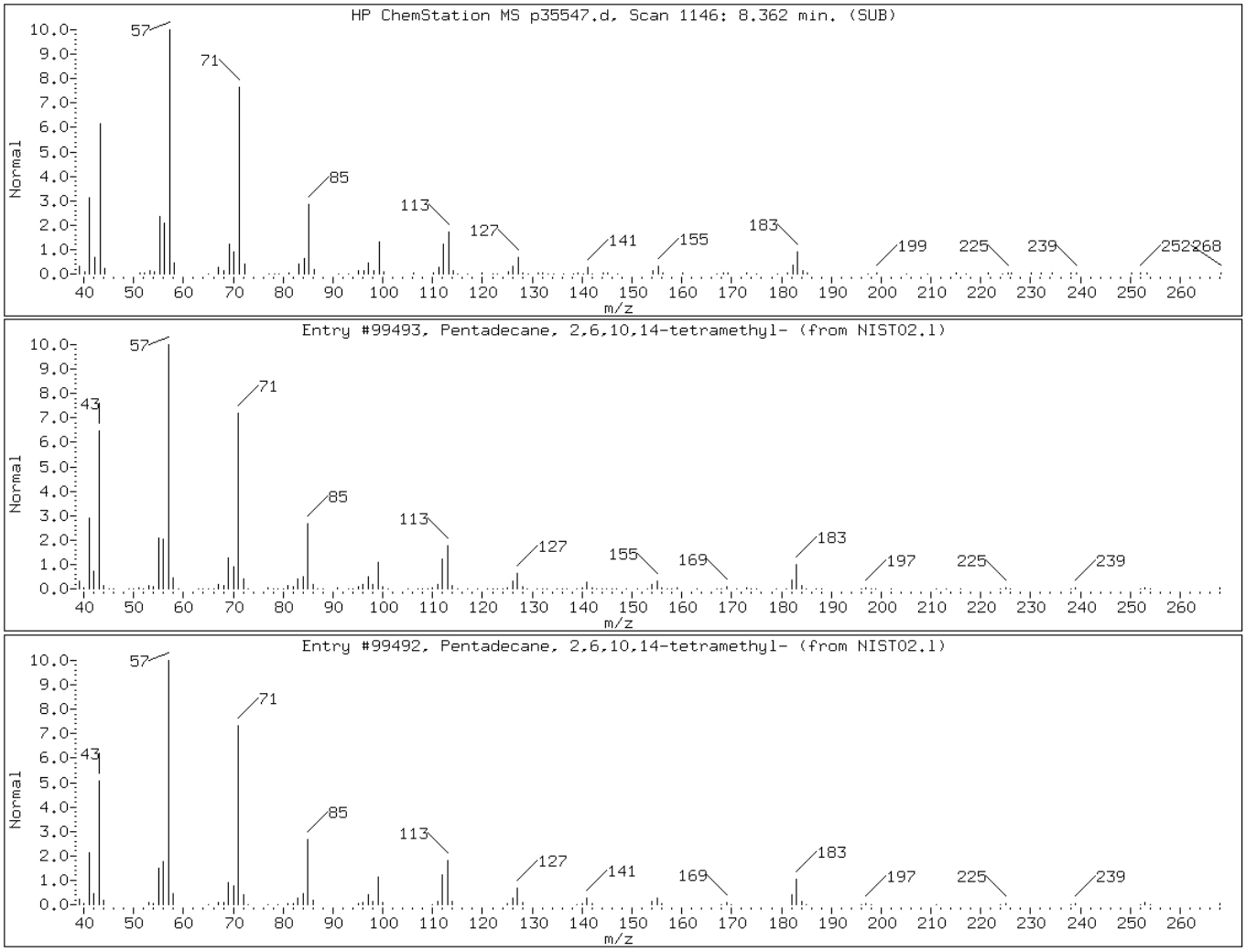
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	99	C19H40	268



Data File: p35547.d

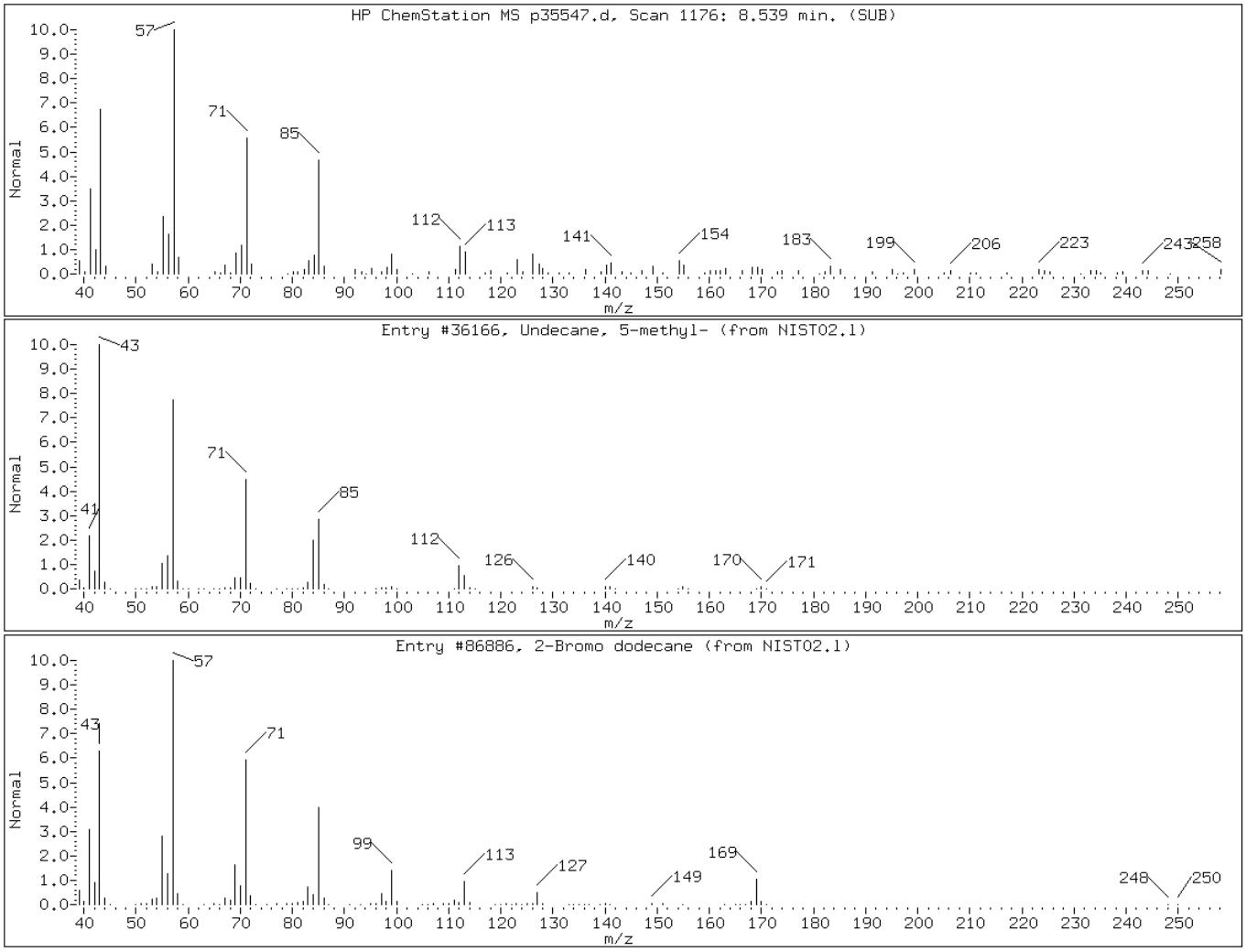
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 5-methyl-	1632-70-8	NIST02.l	36166	90	C12H26	170
2-Bromo dodecane	13187-99-0	NIST02.l	86886	90	C12H25Br	248



Data File: p35547.d

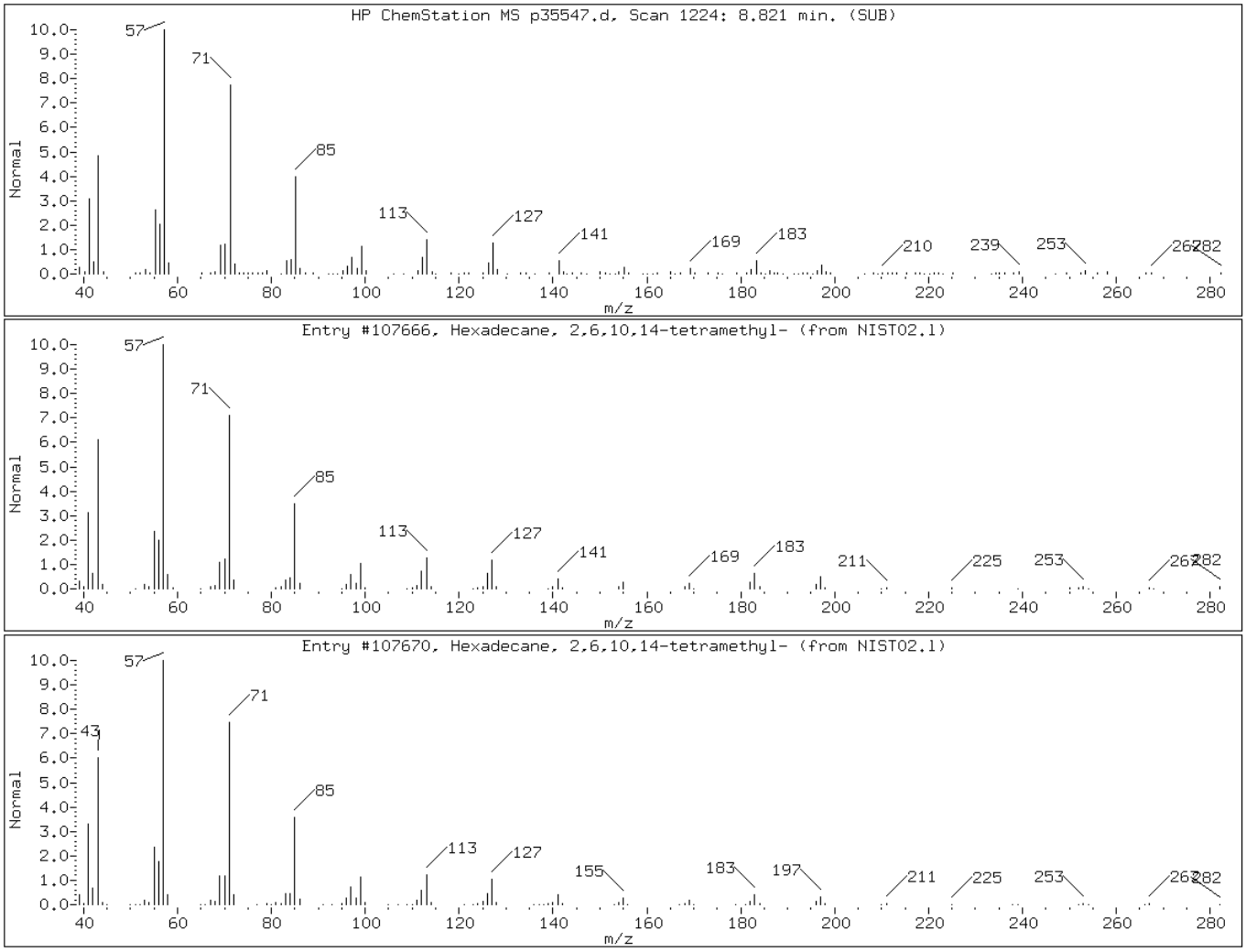
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	99	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	91	C20H42	282



Data File: p35547.d

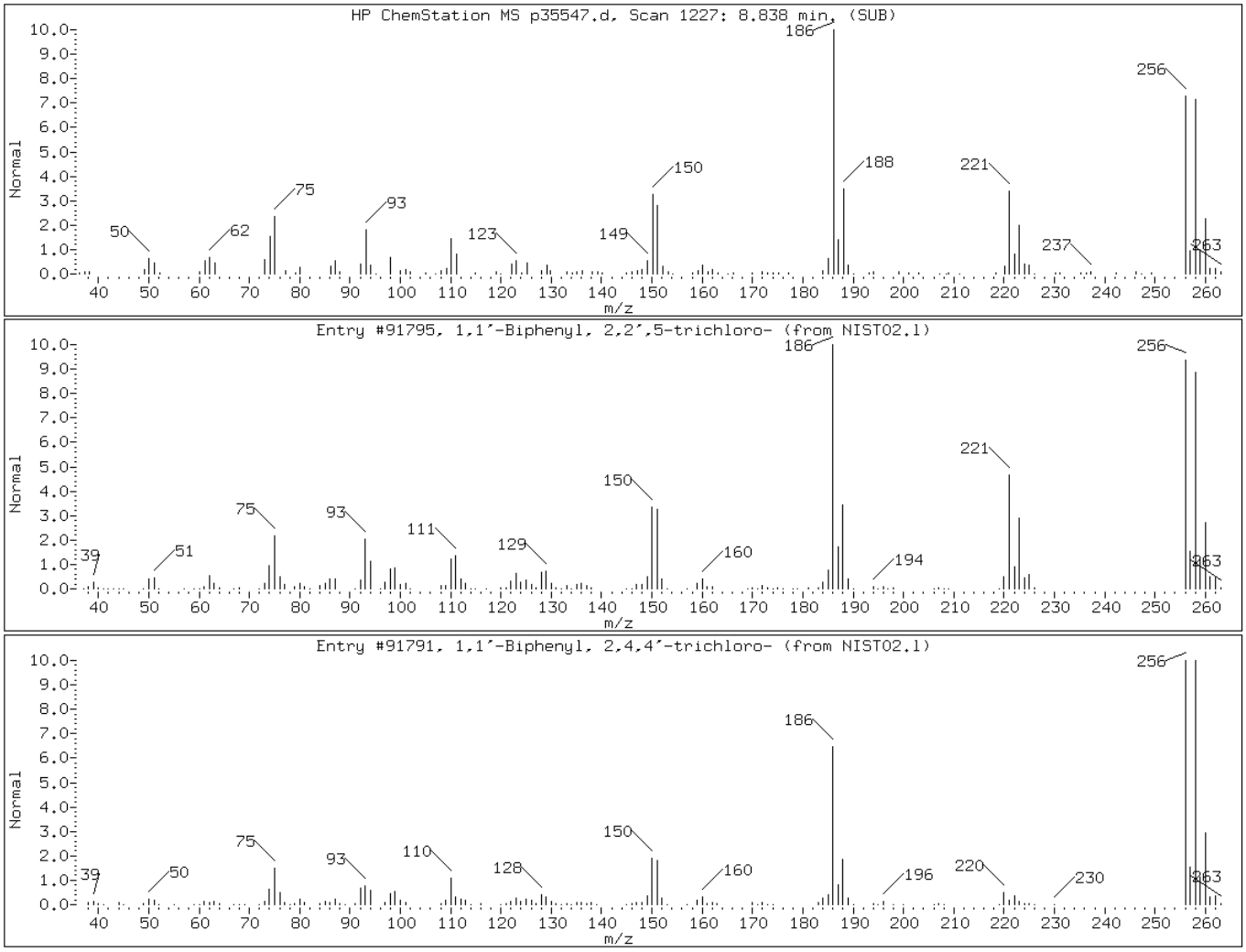
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 8.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	94	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	94	C12H7Cl3	256



Data File: p35547.d

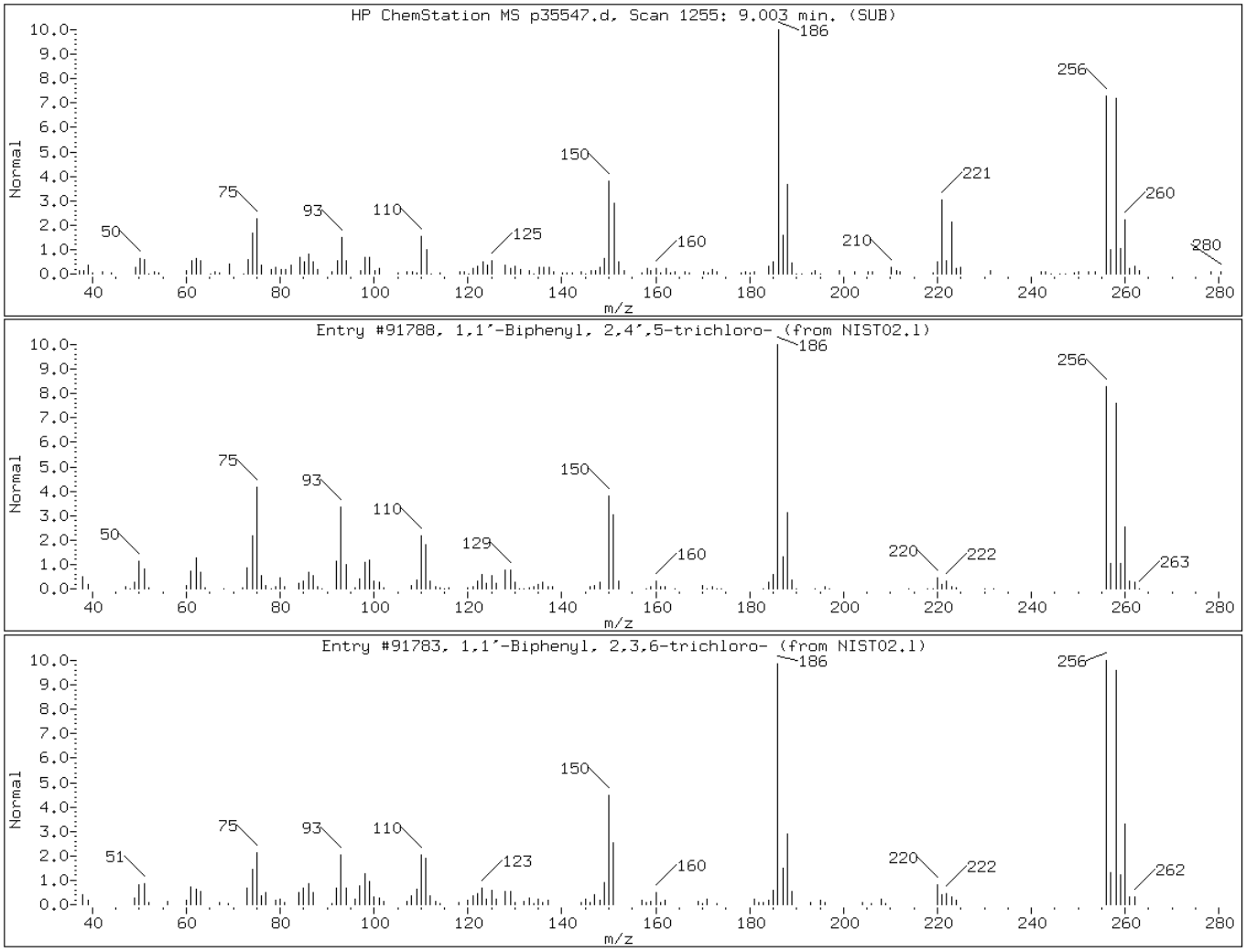
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	96	C12H7Cl3	256



Data File: p35547.d

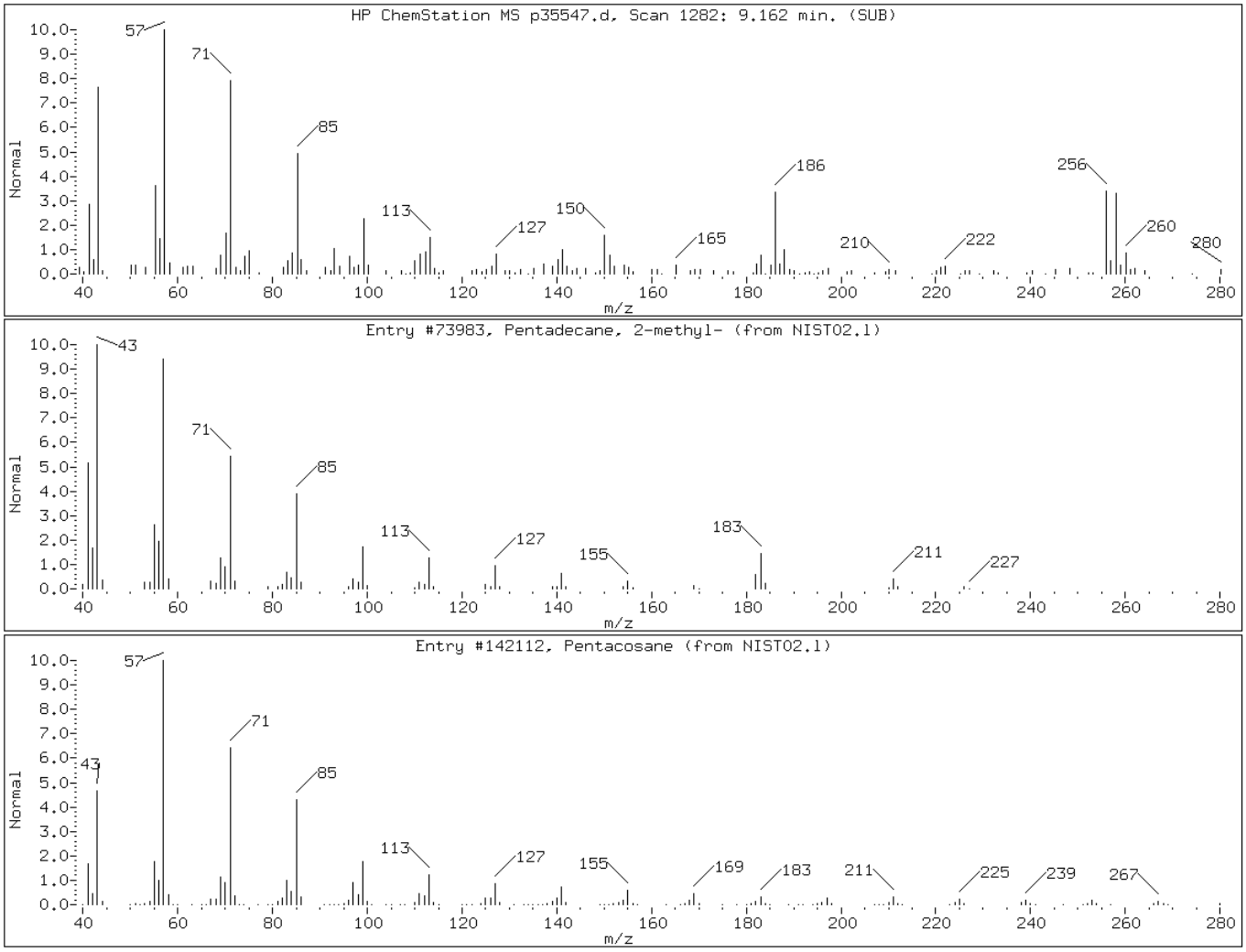
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 2-methyl-	1560-93-6	NIST02.l	73983	49	C16H34	226
Pentacosane	629-99-2	NIST02.l	142112	47	C25H52	352



Data File: p35547.d

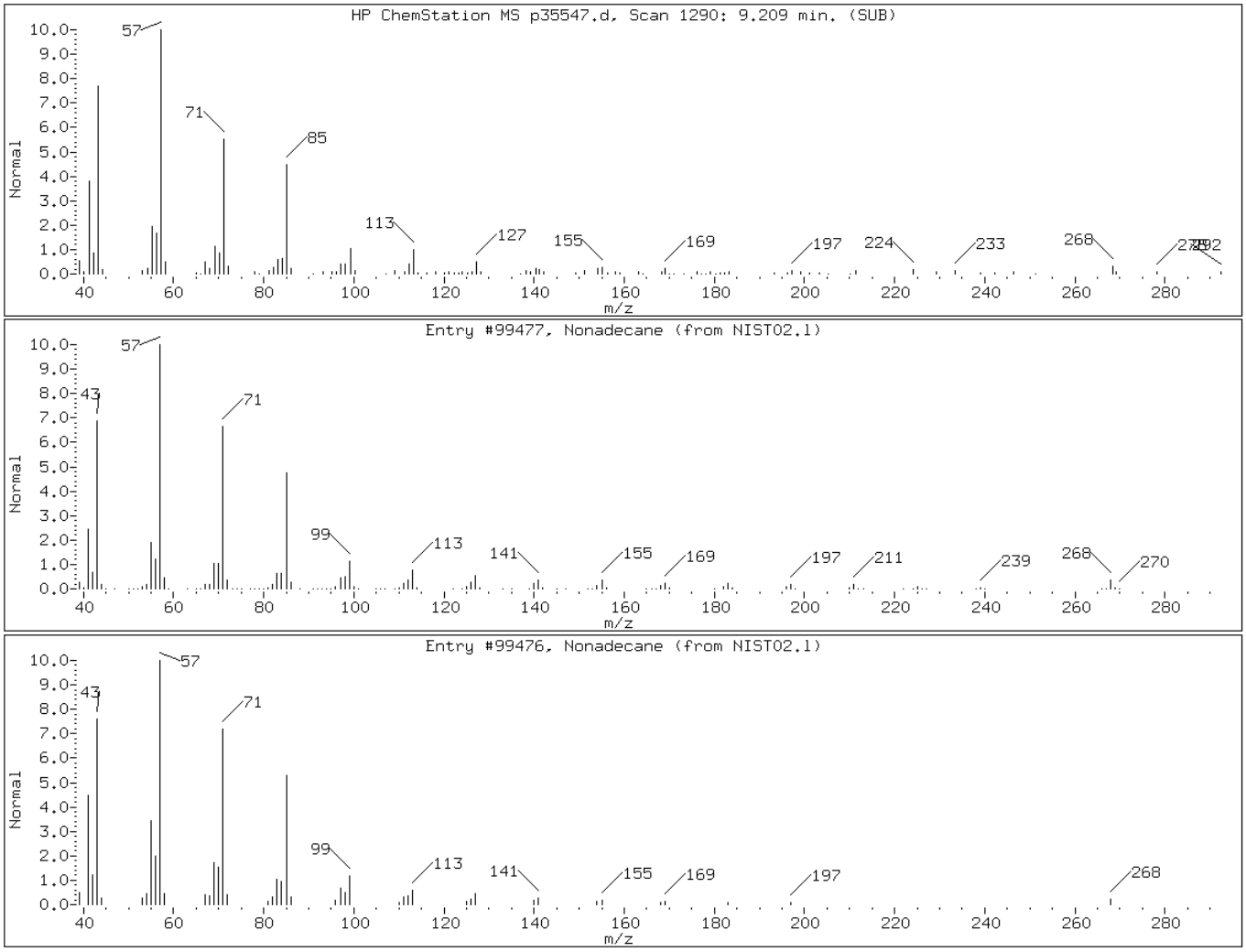
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Nonadecane	629-92-5	NIST02.l	99477	93	C19H40	268
Nonadecane	629-92-5	NIST02.l	99476	93	C19H40	268



Data File: p35547.d

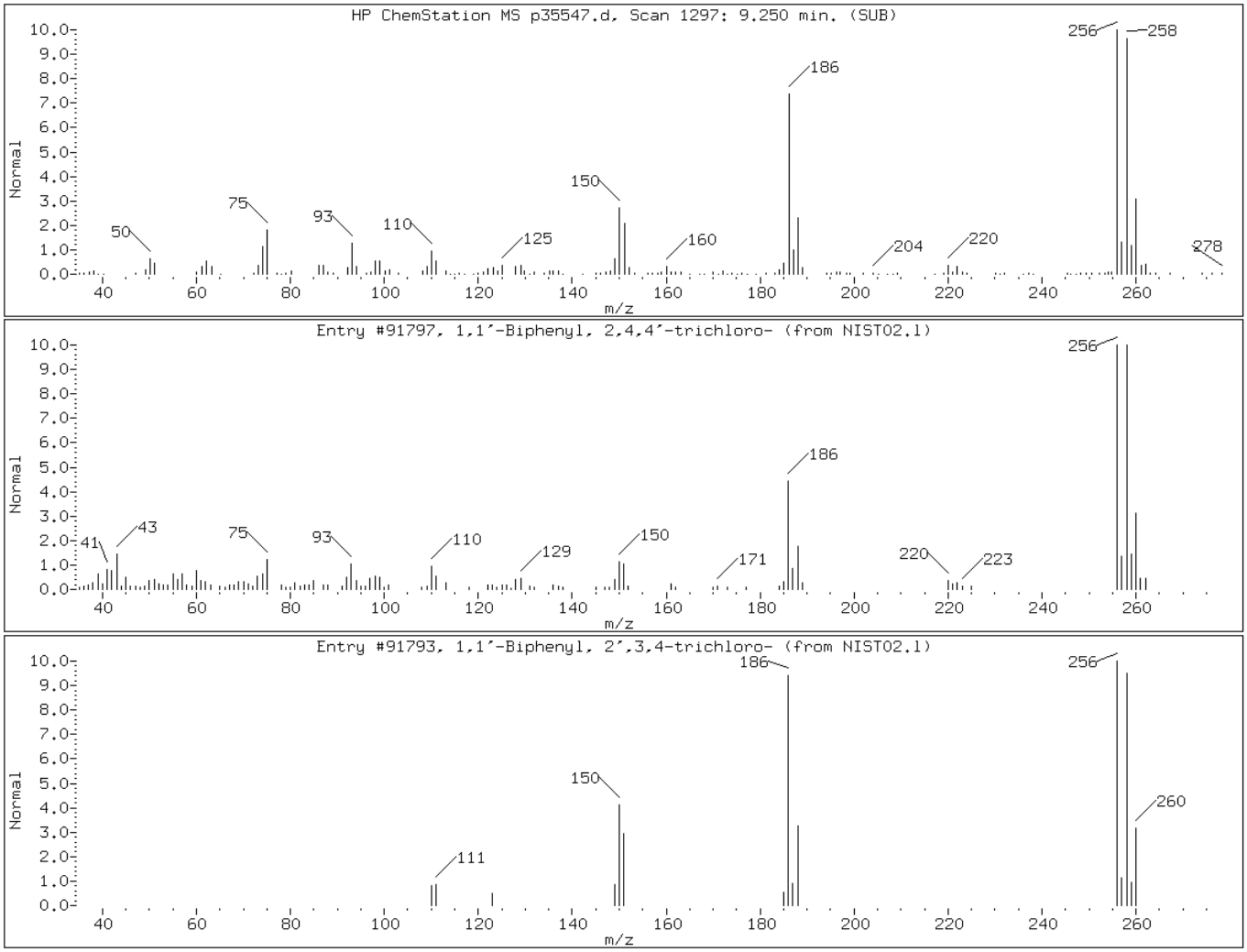
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	97	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256



Data File: p35547.d

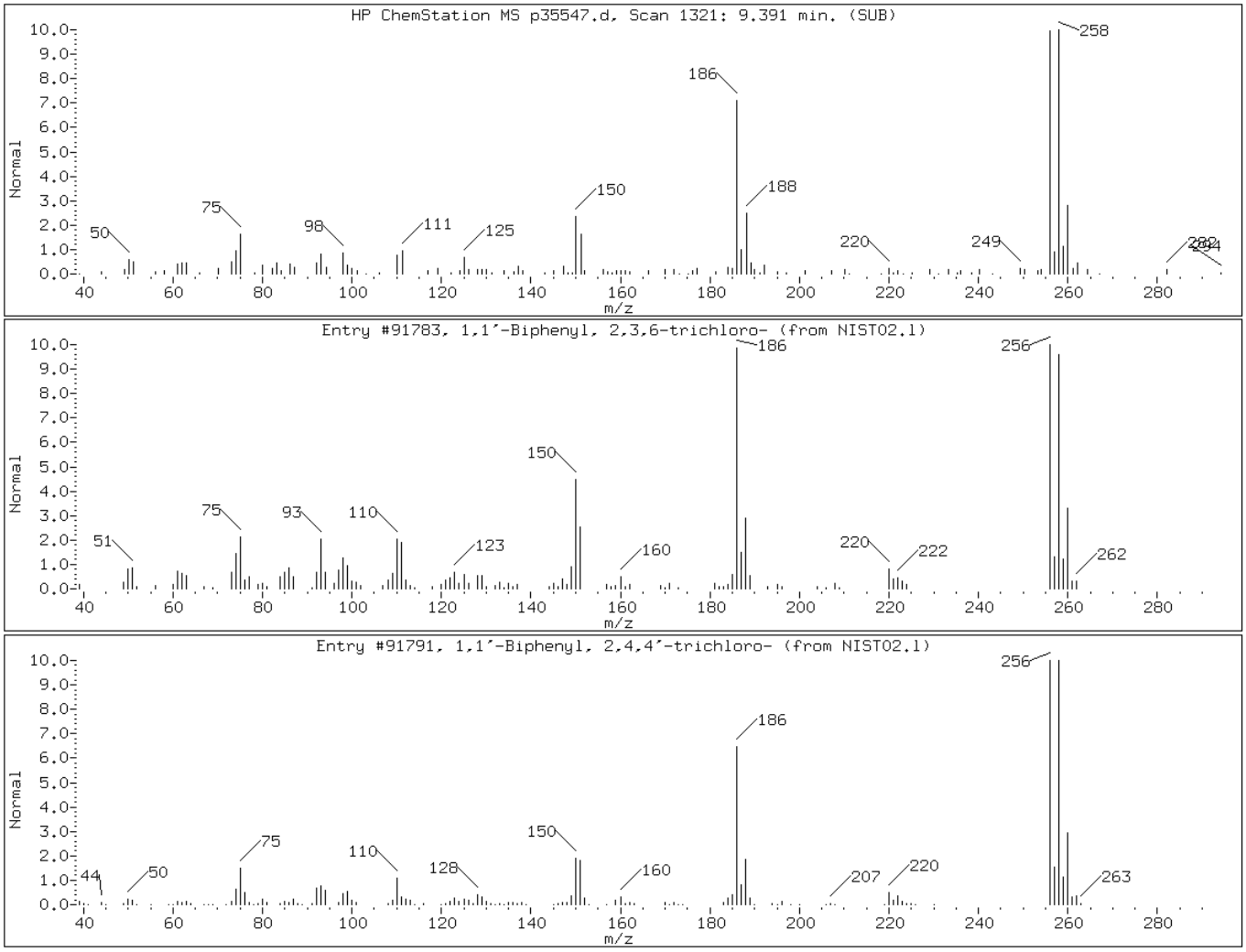
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	94	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	94	C12H7Cl3	256



Data File: p35547.d

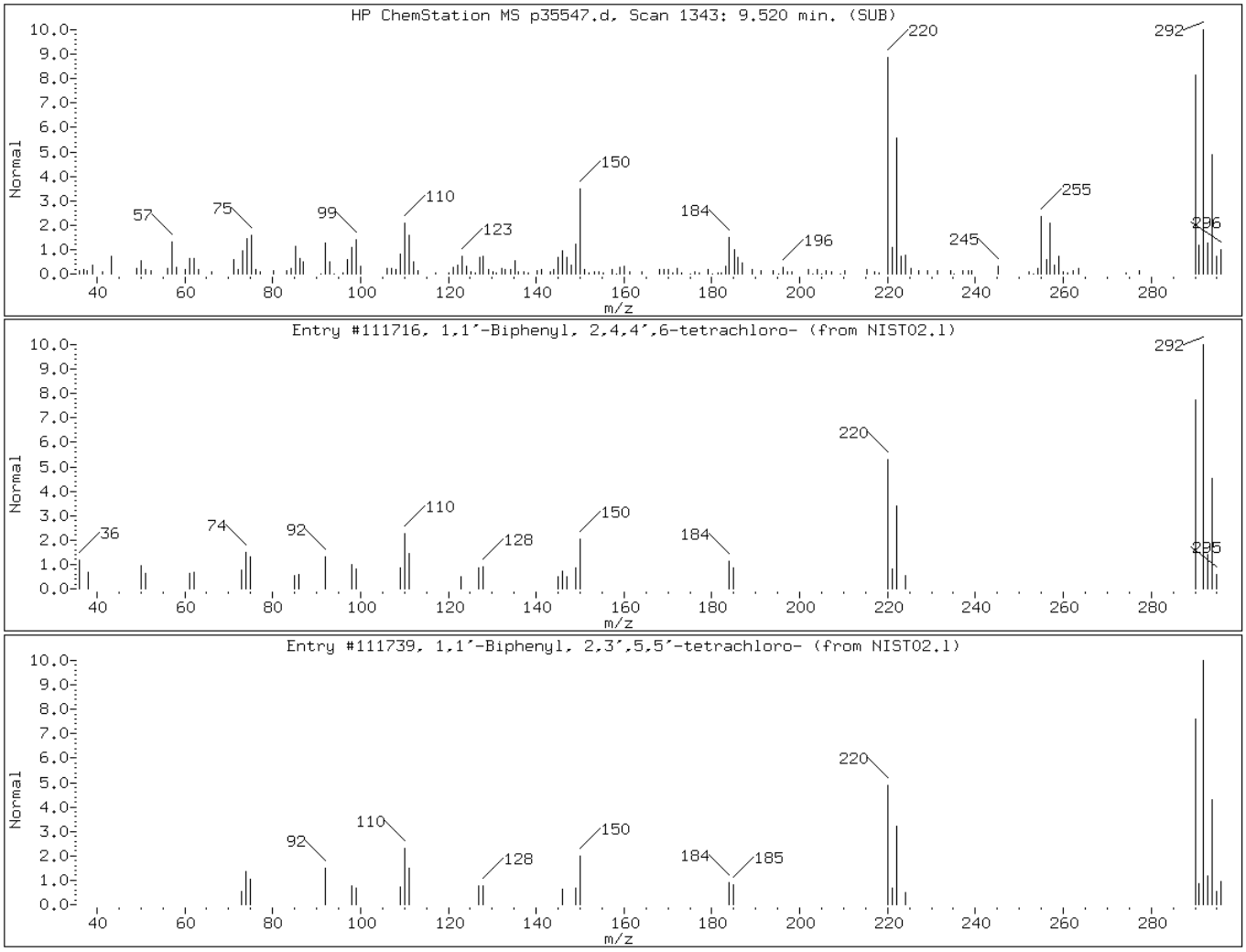
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: p35547.d

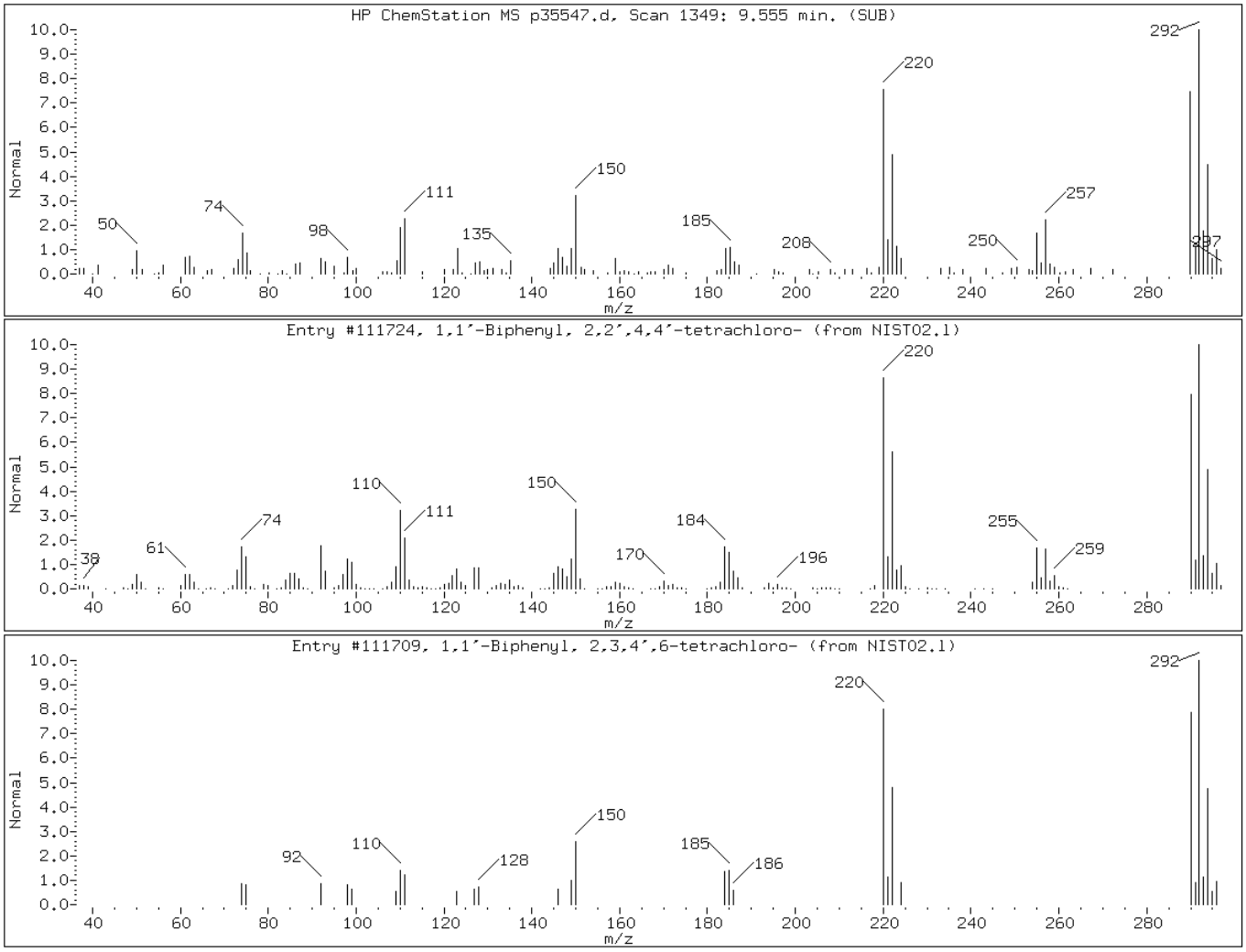
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: p35547.d

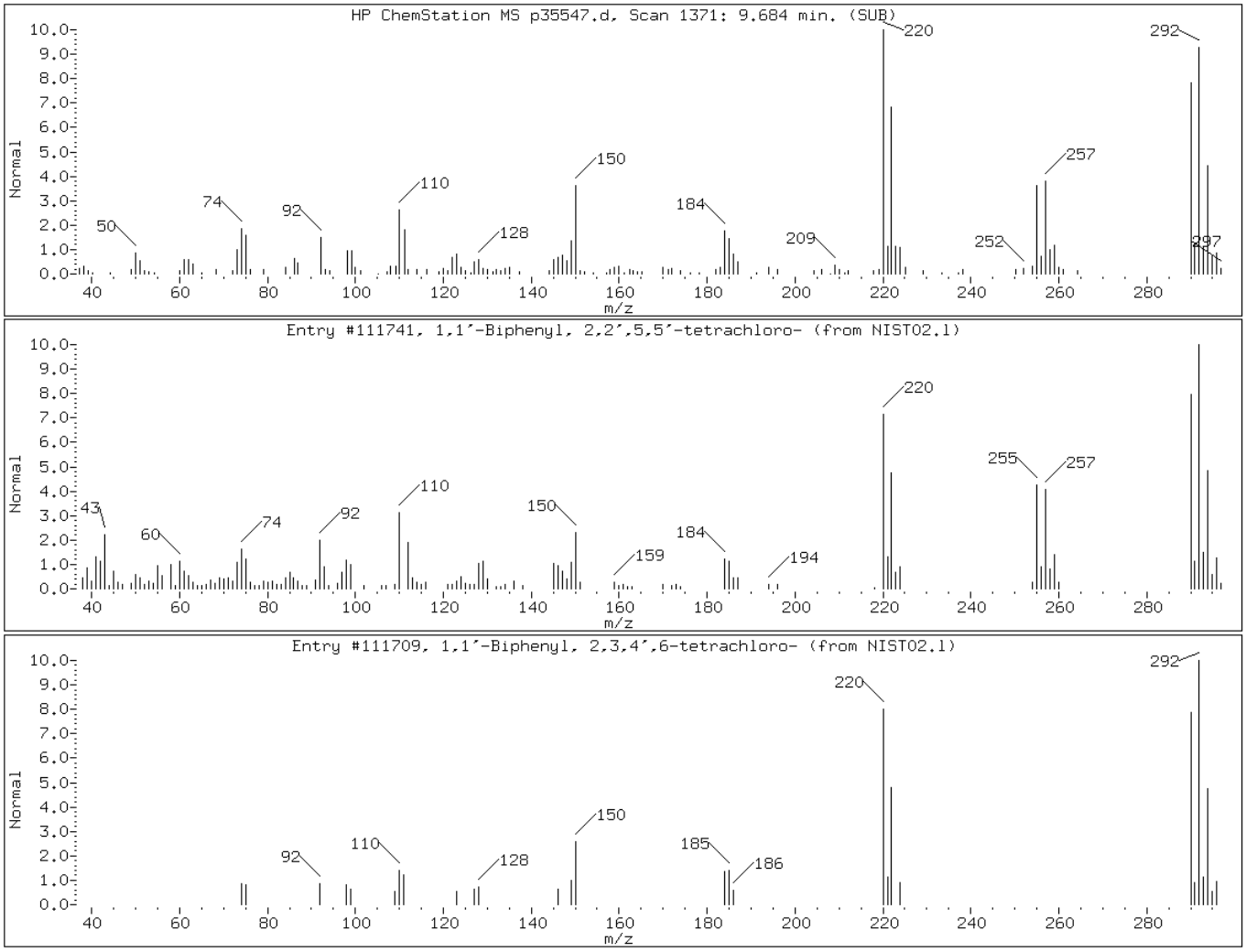
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	98	C12H6Cl4	290



Data File: p35547.d

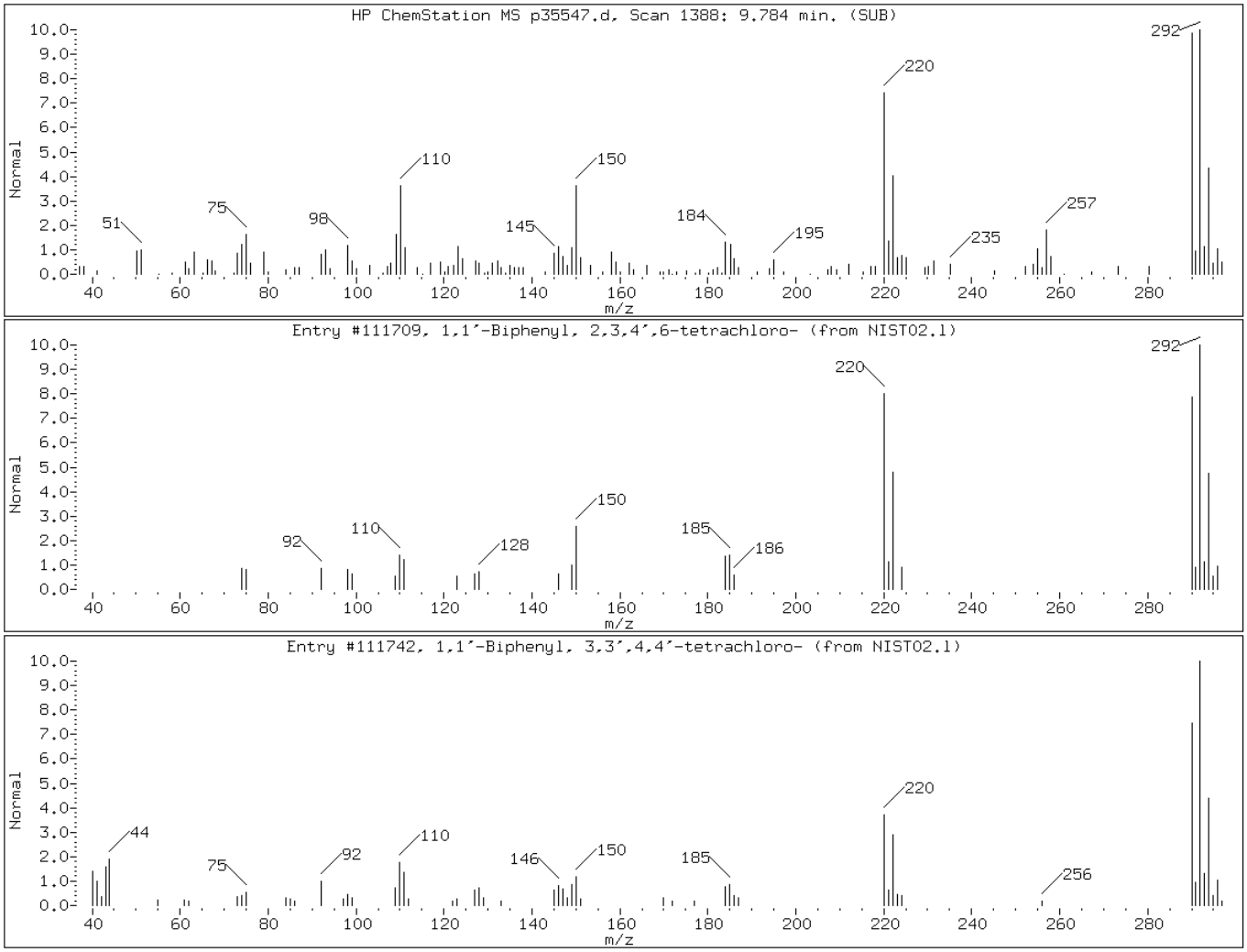
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 9.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	98	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	96	C12H6Cl4	290



Data File: p35547.d

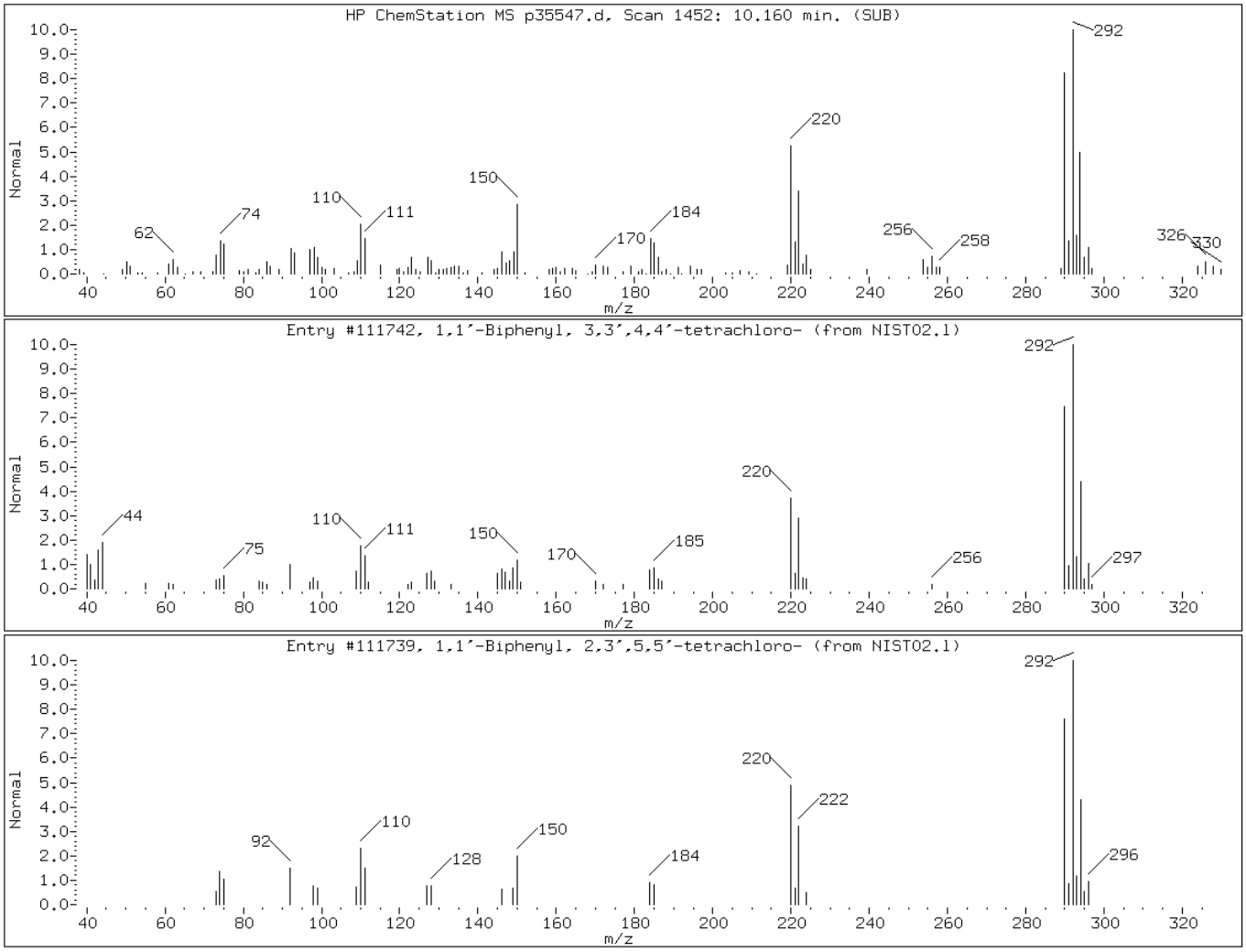
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 10.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: p35547.d

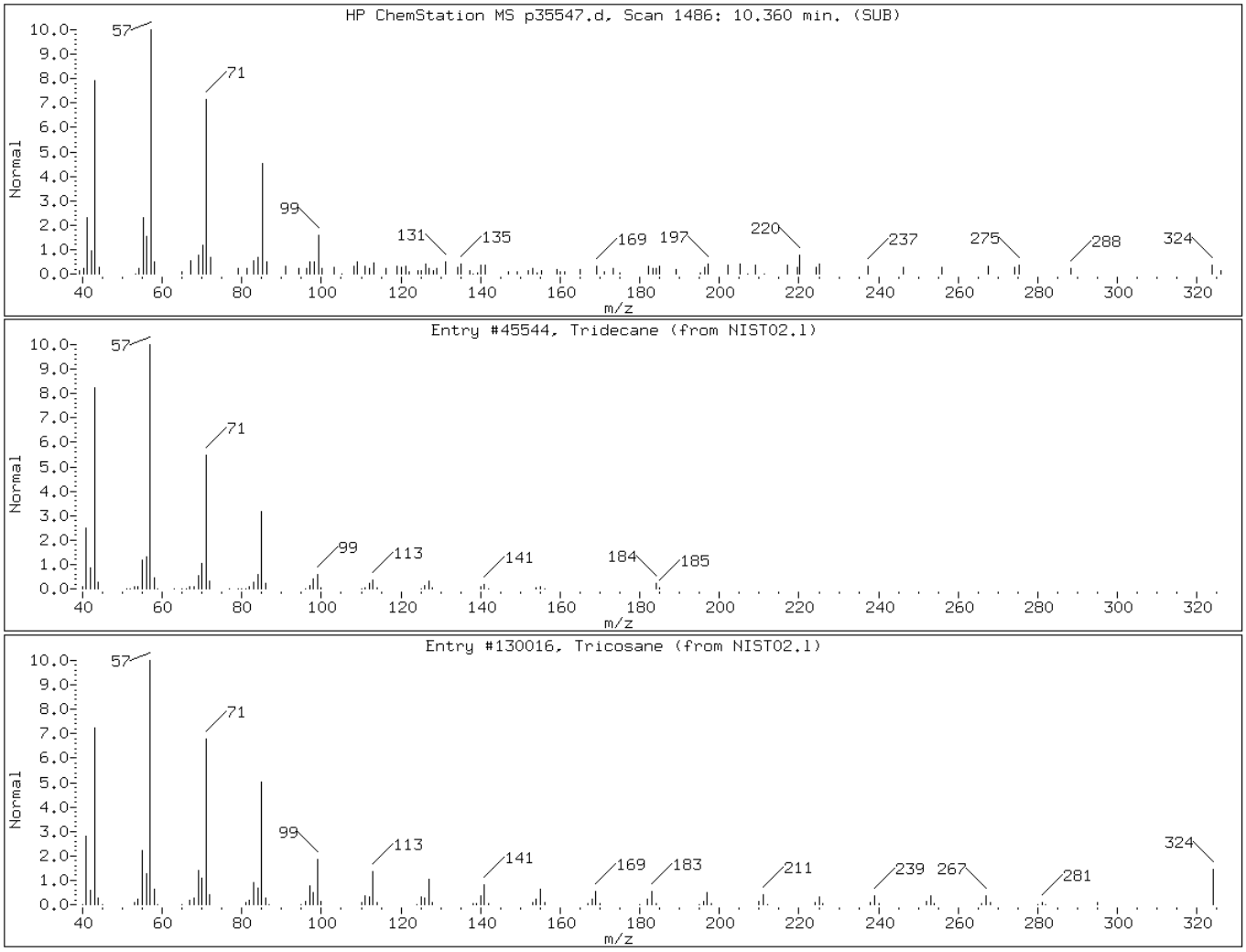
Date: 19-MAR-2013 23:03

Client ID: PMP-8-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-6-E Operator: BNAMS 4

Retention Time: 10.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Tridecane	629-50-5	NIST02.l	45544	81	C13H28	184
Tricosane	638-67-5	NIST02.l	130016	80	C23H48	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD | Lab Sample ID: 460-52450-7

Matrix: Solid | Lab File ID: p35528.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.9	U	34	3.9
95-50-1	1,2-Dichlorobenzene	40	U	340	40
541-73-1	1,3-Dichlorobenzene	31	U	340	31
106-46-7	1,4-Dichlorobenzene	38	U	340	38
121-14-2	2,4-Dinitrotoluene	11	U	69	11
606-20-2	2,6-Dinitrotoluene	10	U	69	10
91-58-7	2-Chloronaphthalene	38	U	340	38
91-57-6	2-Methylnaphthalene	44	U	340	44
88-74-4	2-Nitroaniline	140	U	690	140
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
99-09-2	3-Nitroaniline	120	U	690	120
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
106-47-8	4-Chloroaniline	90	U	340	90
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
83-32-9	Acenaphthene	50	U	340	50
208-96-8	Acenaphthylene	40	U	340	40
120-12-7	Anthracene	41	U	340	41
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	340	38
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
111-44-4	Bis(2-chloroethyl)ether	4.6	U	34	4.6
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
85-68-7	Butyl benzyl phthalate	31	U	340	31
86-74-8	Carbazole	40	U	340	40
218-01-9	Chrysene	40	U	340	40
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
131-11-3	Dimethyl phthalate	40	U	340	40

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD | Lab Sample ID: 460-52450-7

Matrix: Solid | Lab File ID: p35528.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	42	U	340	42
117-84-0	Di-n-octyl phthalate	22	U	340	22
206-44-0	Fluoranthene	45	U	340	45
86-73-7	Fluorene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
87-68-3	Hexachlorobutadiene	8.3	U	69	8.3
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
67-72-1	Hexachloroethane	3.8	U	34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	6.3	U	34	6.3
78-59-1	Isophorone	41	U	340	41
91-20-3	Naphthalene	39	U	340	39
98-95-3	Nitrobenzene	4.8	U	34	4.8
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-01-8	Phenanthrene	43	U	340	43
129-00-0	Pyrene	29	U	340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	73		40-109
4165-60-0	Nitrobenzene-d5	76		38-105
1718-51-0	Terphenyl-d14	71		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD | Lab Sample ID: 460-52450-7

Matrix: Solid | Lab File ID: p35528.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35528.d
Report Date: 20-Mar-2013 04:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35528.d
Lab Smp Id: 460-52450-F-7-E Client Smp ID: PMP-8-NE-VD
Inj Date : 19-MAR-2013 15:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-7-E
Misc Info : 460-52450-F-7-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 5
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	2.96846	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.245	3.110	(0.736)	2275751	72.5283	5000
$ 17 Phenol-d5 (SUR)	99	4.044	4.044	(0.917)	2463553	68.4959	4700
* 79 1,4-Dichlorobenzene-d4	152	4.408	4.402	(1.000)	925476	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1193703	37.8466	2600
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2968119	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	22803	0.44669	31(aH)
120 1-Methylnaphthalene	142	6.500	6.506	(1.144)	13998	0.27170	19(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1920225	36.3114	2500
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	20355	0.50145	34(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1559023	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.221	8.221	(1.105)	463307	71.4819	4900
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1862225	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	1147429	35.4519	2400

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35528.d
Report Date: 20-Mar-2013 04:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	1022271	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	780398	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p35528.d

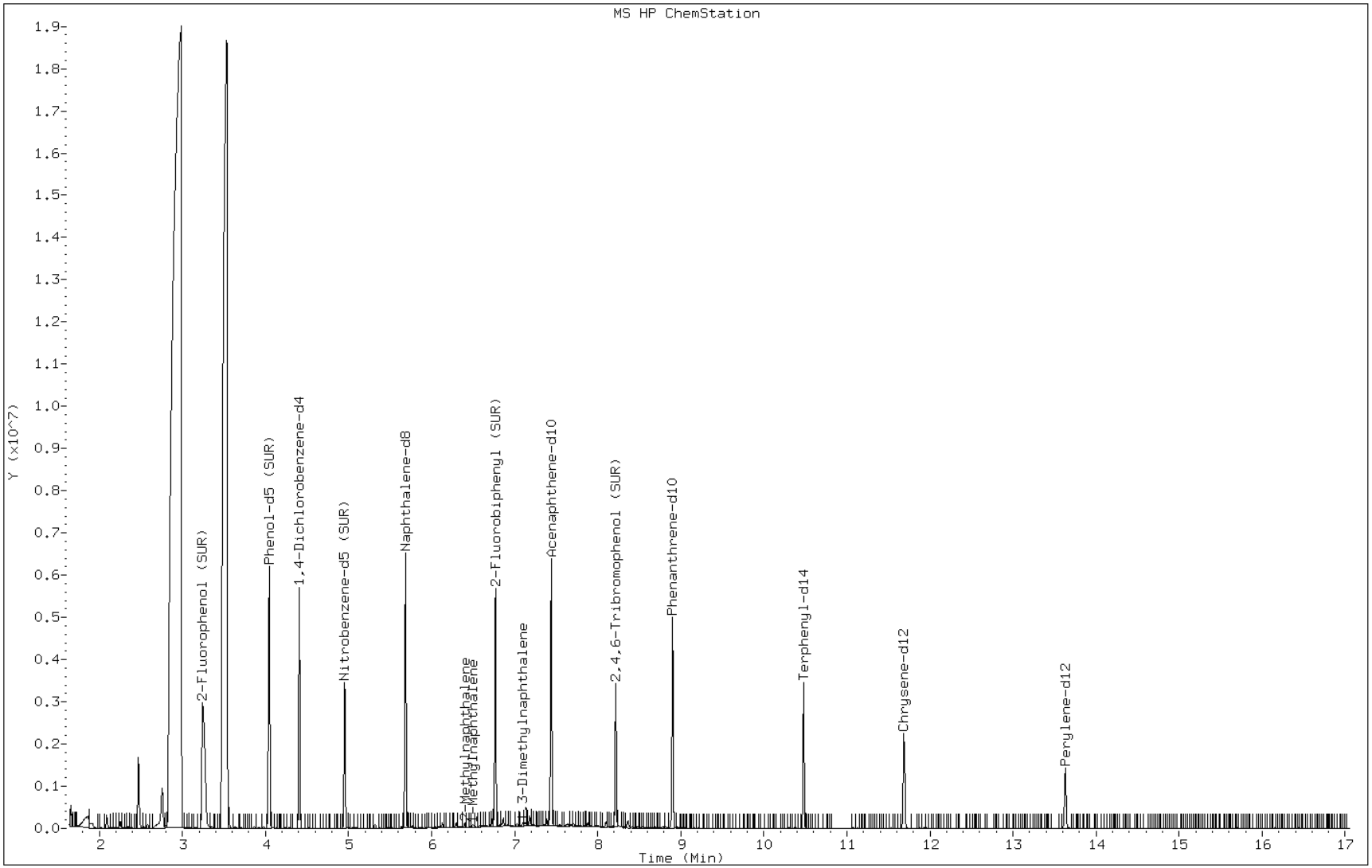
Date: 19-MAR-2013 15:03

Client ID: PMP-8-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-7-E

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT | Lab Sample ID: 460-52450-8

Matrix: Solid | Lab File ID: p35529.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 15:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.9	U	34	3.9
95-50-1	1,2-Dichlorobenzene	40	U	340	40
541-73-1	1,3-Dichlorobenzene	31	U	340	31
106-46-7	1,4-Dichlorobenzene	39	U	340	39
121-14-2	2,4-Dinitrotoluene	11	U	70	11
606-20-2	2,6-Dinitrotoluene	10	U	70	10
91-58-7	2-Chloronaphthalene	38	U	340	38
91-57-6	2-Methylnaphthalene	47	J	340	44
88-74-4	2-Nitroaniline	140	U	700	140
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
99-09-2	3-Nitroaniline	120	U	700	120
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
106-47-8	4-Chloroaniline	91	U	340	91
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
83-32-9	Acenaphthene	50	U	340	50
208-96-8	Acenaphthylene	41	U	340	41
120-12-7	Anthracene	42	U	340	42
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	340	26
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	340	38
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
85-68-7	Butyl benzyl phthalate	32	U	340	32
86-74-8	Carbazole	41	U	340	41
218-01-9	Chrysene	40	U	340	40
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
131-11-3	Dimethyl phthalate	41	U	340	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT | Lab Sample ID: 460-52450-8

Matrix: Solid | Lab File ID: p35529.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 15:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	340	43
117-84-0	Di-n-octyl phthalate	22	U	340	22
206-44-0	Fluoranthene	46	U	340	46
86-73-7	Fluorene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
77-47-4	Hexachlorocyclopentadiene	41	U	340	41
67-72-1	Hexachloroethane	3.8	U	34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
78-59-1	Isophorone	42	U	340	42
91-20-3	Naphthalene	40	U	340	40
98-95-3	Nitrobenzene	4.9	U	34	4.9
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	34	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-01-8	Phenanthrene	44	U	340	44
129-00-0	Pyrene	29	U	340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	73		40-109
4165-60-0	Nitrobenzene-d5	77		38-105
1718-51-0	Terphenyl-d14	66		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT | Lab Sample ID: 460-52450-8

Matrix: Solid | Lab File ID: p35529.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 15:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35529.d
Report Date: 22-Mar-2013 09:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35529.d
Lab Smp Id: 460-52450-F-8-E Client Smp ID: PMP-8-NE-WT
Inj Date : 19-MAR-2013 15:29
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-8-E
Misc Info : 460-52450-F-8-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 6
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	15.03000	Weight of sample extracted (g)
M	4.23280	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.245	3.110	(0.736)	2078220	67.4401	4700
$ 17 Phenol-d5 (SUR)	99	4.044	4.044	(0.917)	2292443	64.9001	4500
* 79 1,4-Dichlorobenzene-d4	152	4.408	4.402	(1.000)	908911	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1097311	38.6052	2700
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2674825	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	31202	0.67823	47(a)
120 1-Methylnaphthalene	142	6.500	6.506	(1.144)	17203	0.37052	26(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.764	6.770	(0.909)	1686956	36.3835	2500
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	22885	0.64301	45(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1366919	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	366562	64.5036	4500
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1533054	40.0000	
52 Phenanthrene	178	8.921	8.927	(1.002)	4584	0.10970	7.6(a)

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35529.d
Report Date: 22-Mar-2013 09:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	901658	33.1390	2300
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	859374	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	680828	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35529.d

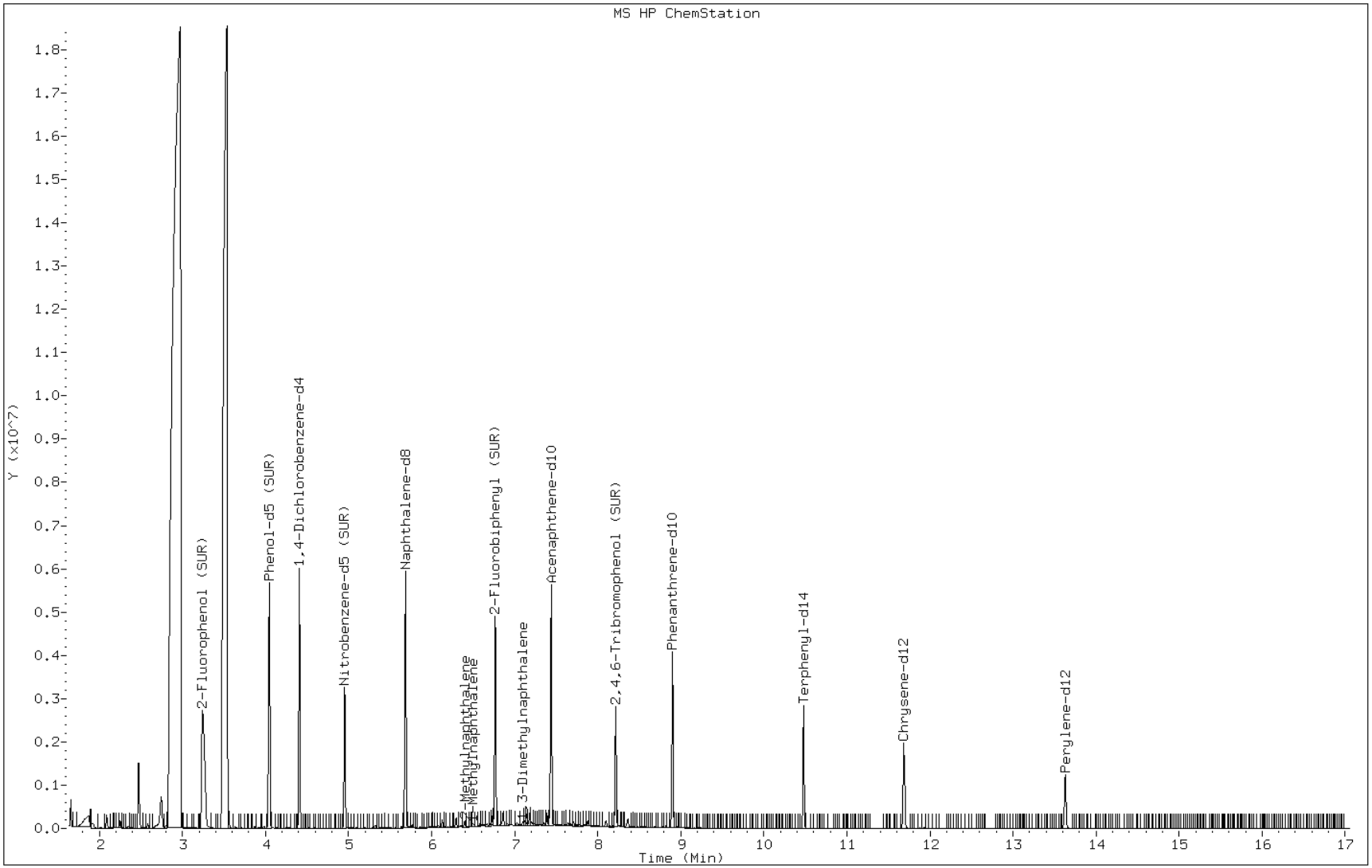
Date: 19-MAR-2013 15:29

Client ID: PMP-8-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-8-E

Operator: BNAMS 4



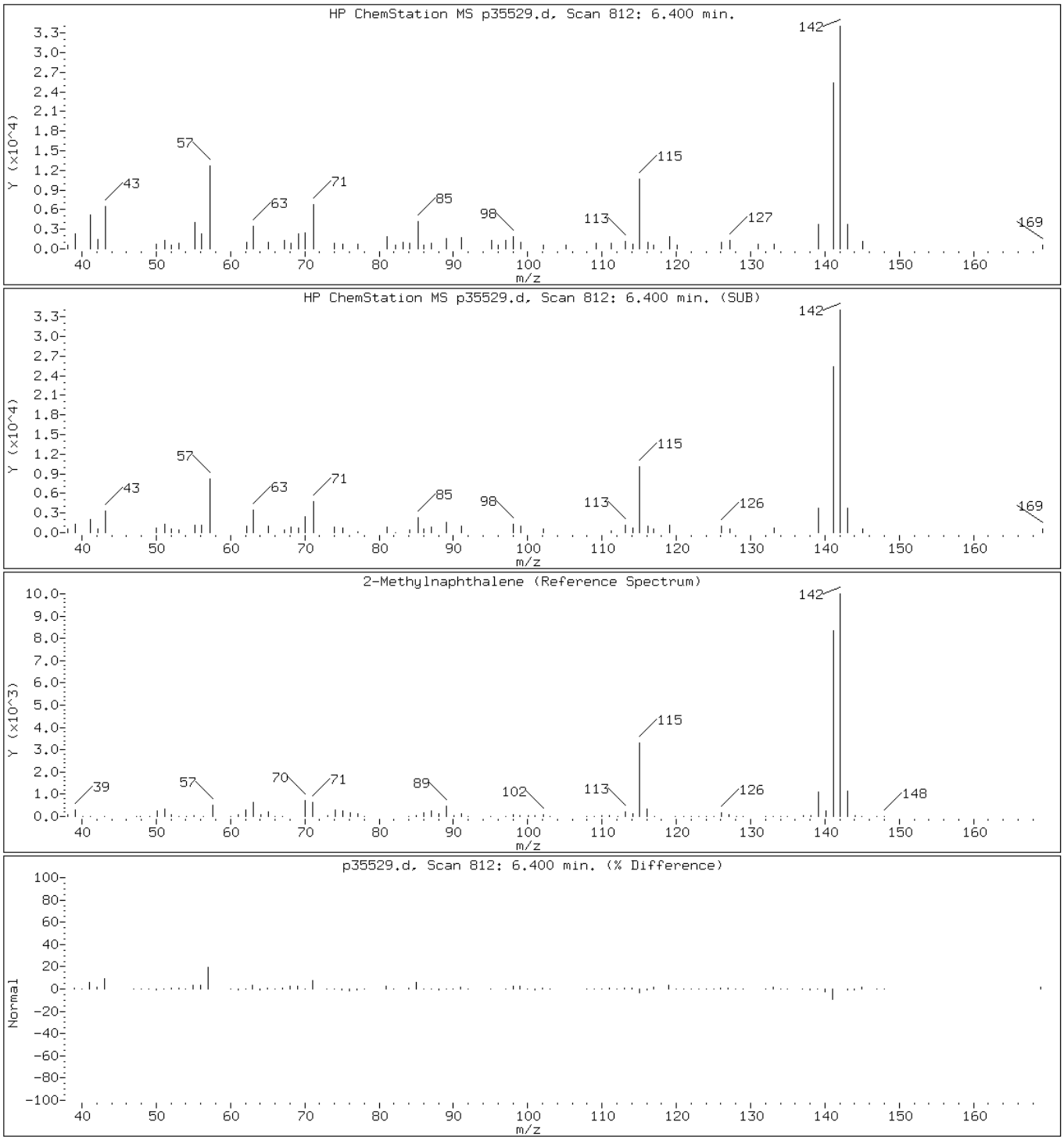
Data File: p35529.d

Date: 19-MAR-2013 15:29

Client ID: PMP-8-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-8-E Operator: BNAMS 4

34 2-Methylnaphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS | Lab Sample ID: 460-52450-9

Matrix: Solid | Lab File ID: p35548.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 23:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.1	U	36	4.1
95-50-1	1,2-Dichlorobenzene	42	U	360	42
541-73-1	1,3-Dichlorobenzene	32	U	360	32
106-46-7	1,4-Dichlorobenzene	40	U	360	40
121-14-2	2,4-Dinitrotoluene	12	U	73	12
606-20-2	2,6-Dinitrotoluene	11	U	73	11
91-58-7	2-Chloronaphthalene	40	U	360	40
91-57-6	2-Methylnaphthalene	46	U	360	46
88-74-4	2-Nitroaniline	150	U	730	150
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
99-09-2	3-Nitroaniline	130	U	730	130
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
106-47-8	4-Chloroaniline	95	U	360	95
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
83-32-9	Acenaphthene	52	U	360	52
208-96-8	Acenaphthylene	42	U	360	42
120-12-7	Anthracene	44	U	360	44
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
108-60-1	bis (2-chloroisopropyl) ether	40	U	360	40
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
85-68-7	Butyl benzyl phthalate	33	U	360	33
86-74-8	Carbazole	42	U	360	42
218-01-9	Chrysene	42	U	360	42
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
131-11-3	Dimethyl phthalate	42	U	360	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS | Lab Sample ID: 460-52450-9

Matrix: Solid | Lab File ID: p35548.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 23:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	44	U	360	44
117-84-0	Di-n-octyl phthalate	23	U	360	23
206-44-0	Fluoranthene	48	U	360	48
86-73-7	Fluorene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
87-68-3	Hexachlorobutadiene	8.7	U	73	8.7
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
67-72-1	Hexachloroethane	4.0	U	36	4.0
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
78-59-1	Isophorone	43	U	360	43
91-20-3	Naphthalene	41	U	360	41
98-95-3	Nitrobenzene	5.1	U	36	5.1
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-01-8	Phenanthrene	46	U	360	46
129-00-0	Pyrene	30	U	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	84		40-109
4165-60-0	Nitrobenzene-d5	68		38-105
1718-51-0	Terphenyl-d14	59		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS | Lab Sample ID: 460-52450-9

Matrix: Solid | Lab File ID: p35548.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 23:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 12070

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.36	520	J
	Trichloro-1,1-biphenyl isomer-1	9.01	590	J
	Trichloro-1,1-biphenyl isomer-3	9.25	2200	J
	Tetrachloro-1,1-biphenyl isomer-1	9.31	420	J
	Trichloro-1,1-biphenyl isomer-4	9.39	500	J
	Tetrachloro-1,1-biphenyl isomer-3	9.52	1000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.56	740	J
	Tetrachloro-1,1-biphenyl isomer-5	9.58	530	J
	Tetrachloro-1,1-biphenyl isomer-6	9.68	860	J
	Unknown	9.71	400	J
	Tetrachloro-1,1-biphenyl isomer-8	9.78	790	J
	Tetrachloro-1,1-biphenyl isomer-9	9.98	540	J
	Tetrachloro-1,1-biphenyl isomer-10	10.01	950	J
	Tetrachloro-1,1-biphenyl isomer-11	10.03	1200	J
	Tetrachloro-1,1-biphenyl isomer-12	10.16	830	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35548.d
Report Date: 22-Mar-2013 10:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35548.d
Lab Smp Id: 460-52450-F-9-G Client Smp ID: PMP-4-NE-VS
Inj Date : 19-MAR-2013 23:28
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-9-G
Misc Info : 460-52450-F-9-G
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 25
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	7.66284	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.204	3.110	(0.728)	1316147	61.2170	4400
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	1532539	62.1870	4500
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	634133	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	670636	34.1543	2500
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	1847789	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.764	6.770	(0.909)	1133604	42.2460	3000
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	791078	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	195012	59.2955	4300
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	783088	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	510544	29.6440	2100
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	543971	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.706	11.706	(1.002)	14375	1.15193	83(a)
* 84 Perylene-d12	264	13.639	13.633	(1.000)	728294	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35548.d
Report Date: 22-Mar-2013 10:12

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p35548.d

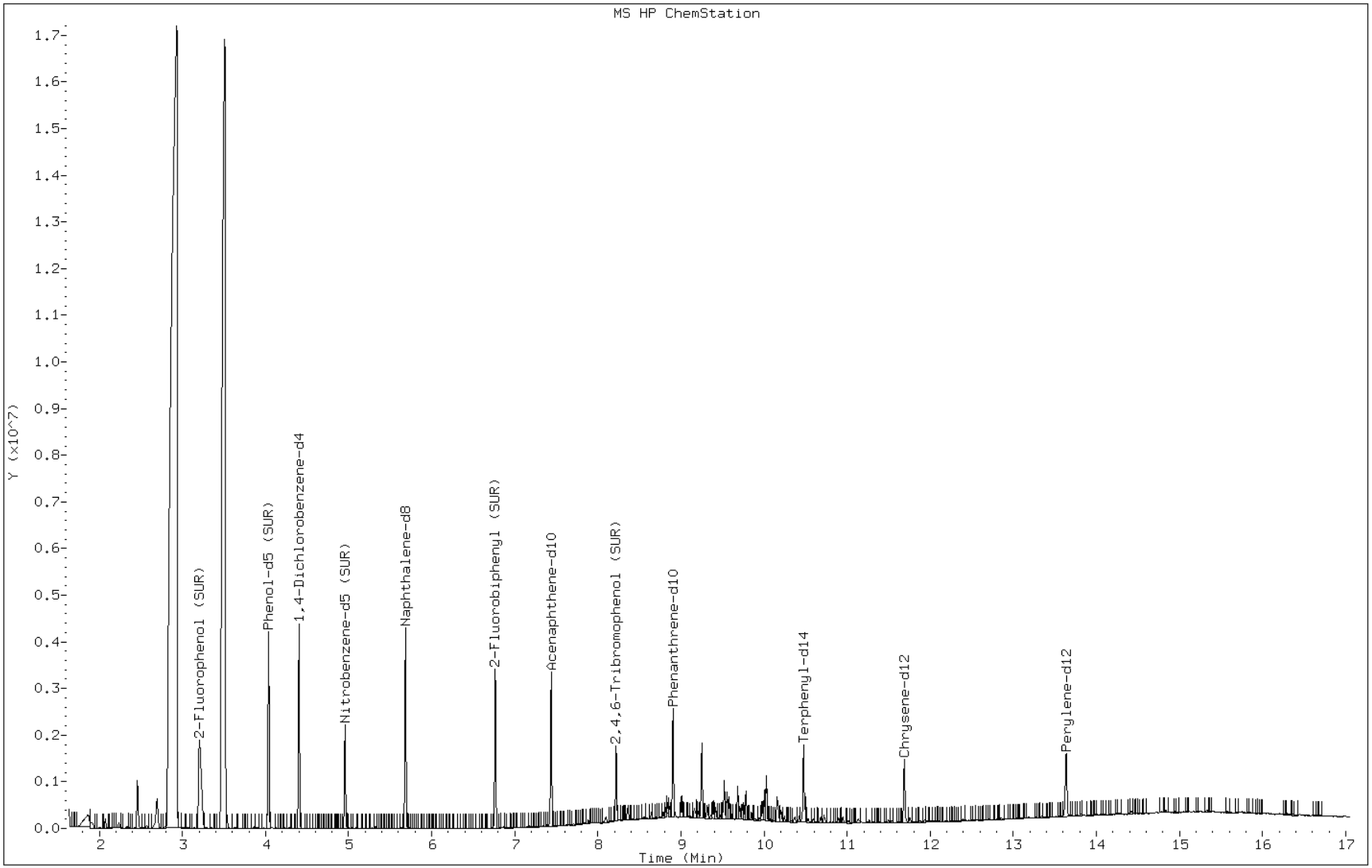
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS

Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G

Operator: BNAMS 4



Data File: p35548.d

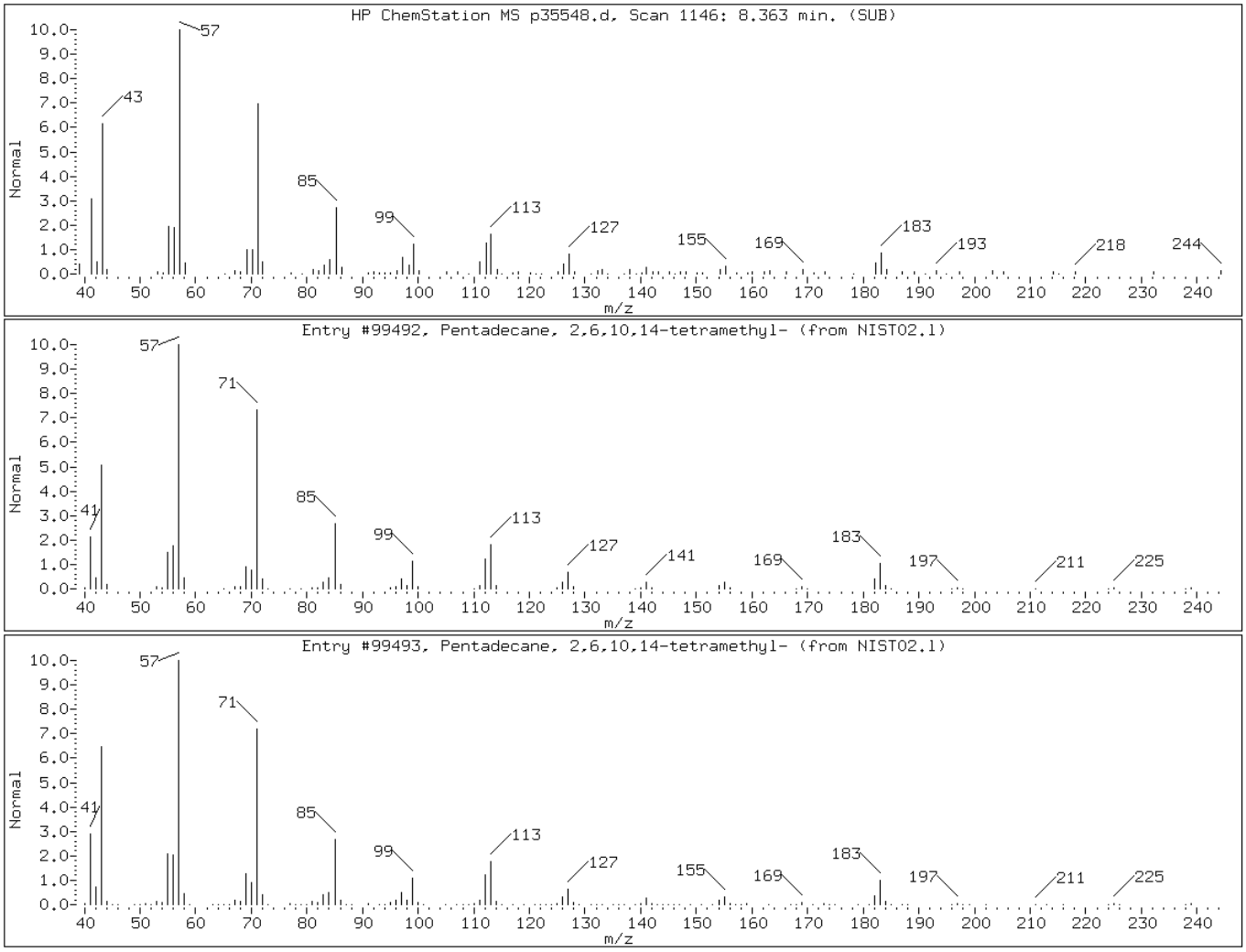
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	91	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	91	C19H40	268



Data File: p35548.d

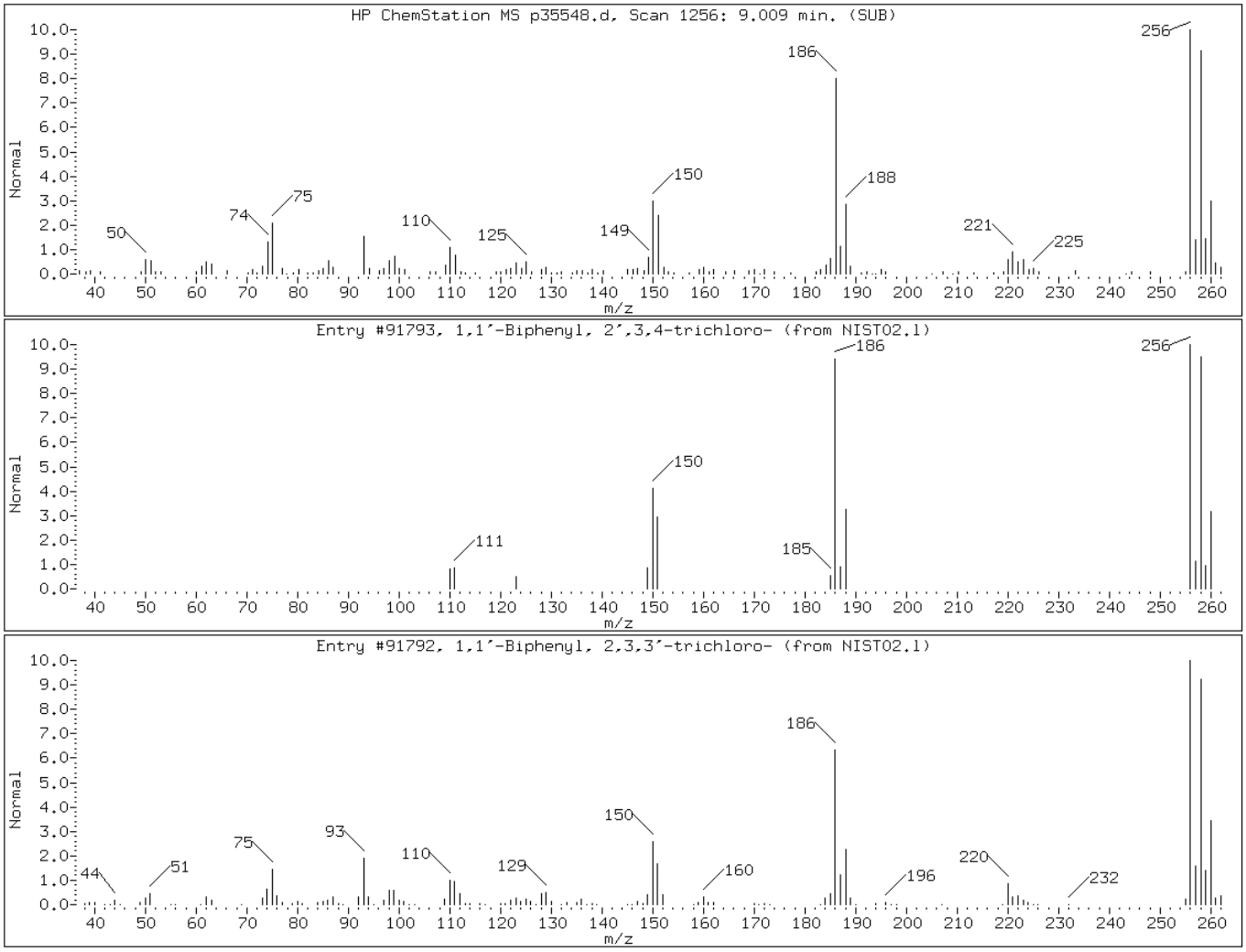
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	96	C12H7Cl3	256



Data File: p35548.d

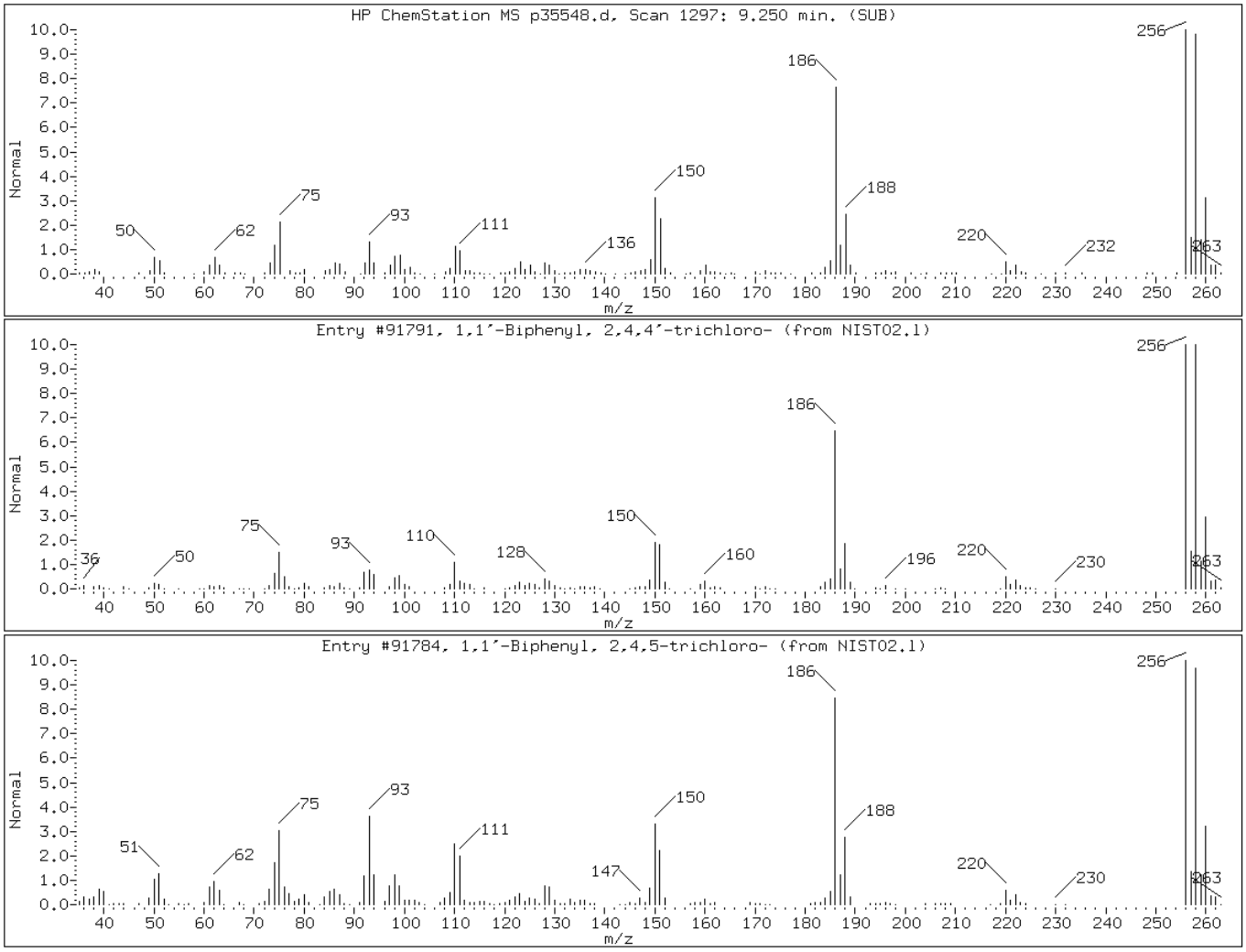
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	99	C12H7Cl3	256



Data File: p35548.d

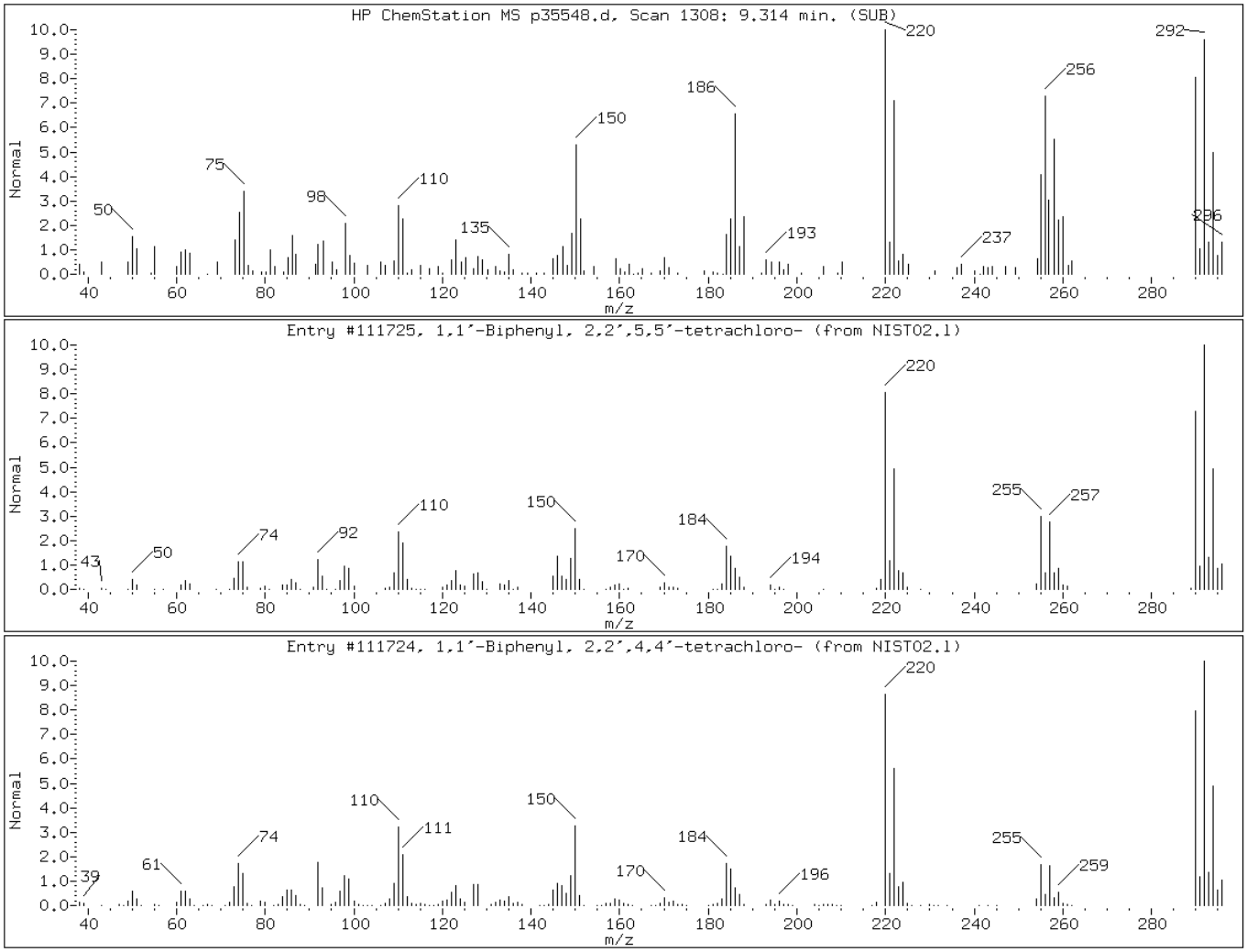
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290



Data File: p35548.d

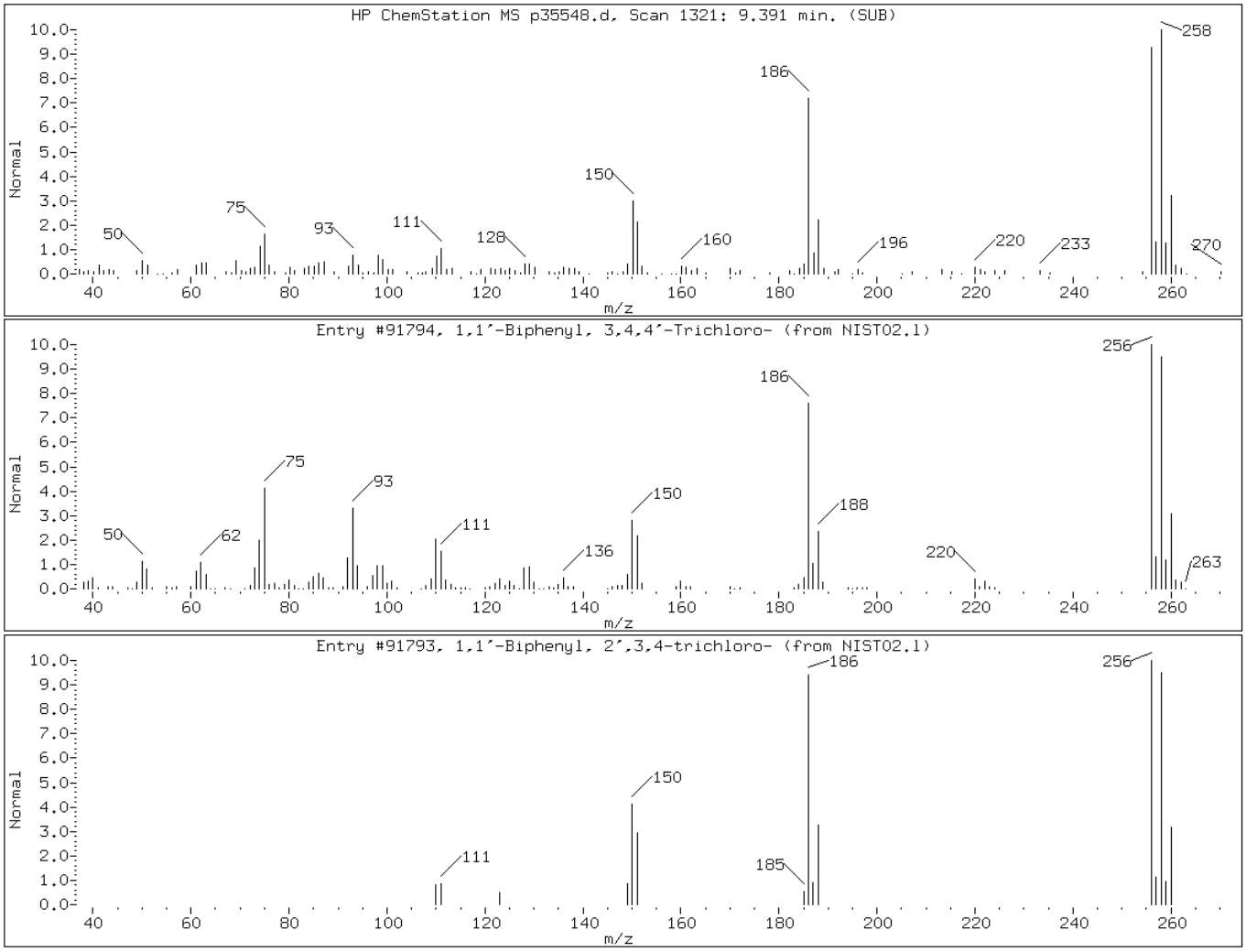
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	94	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	94	C12H7Cl3	256



Data File: p35548.d

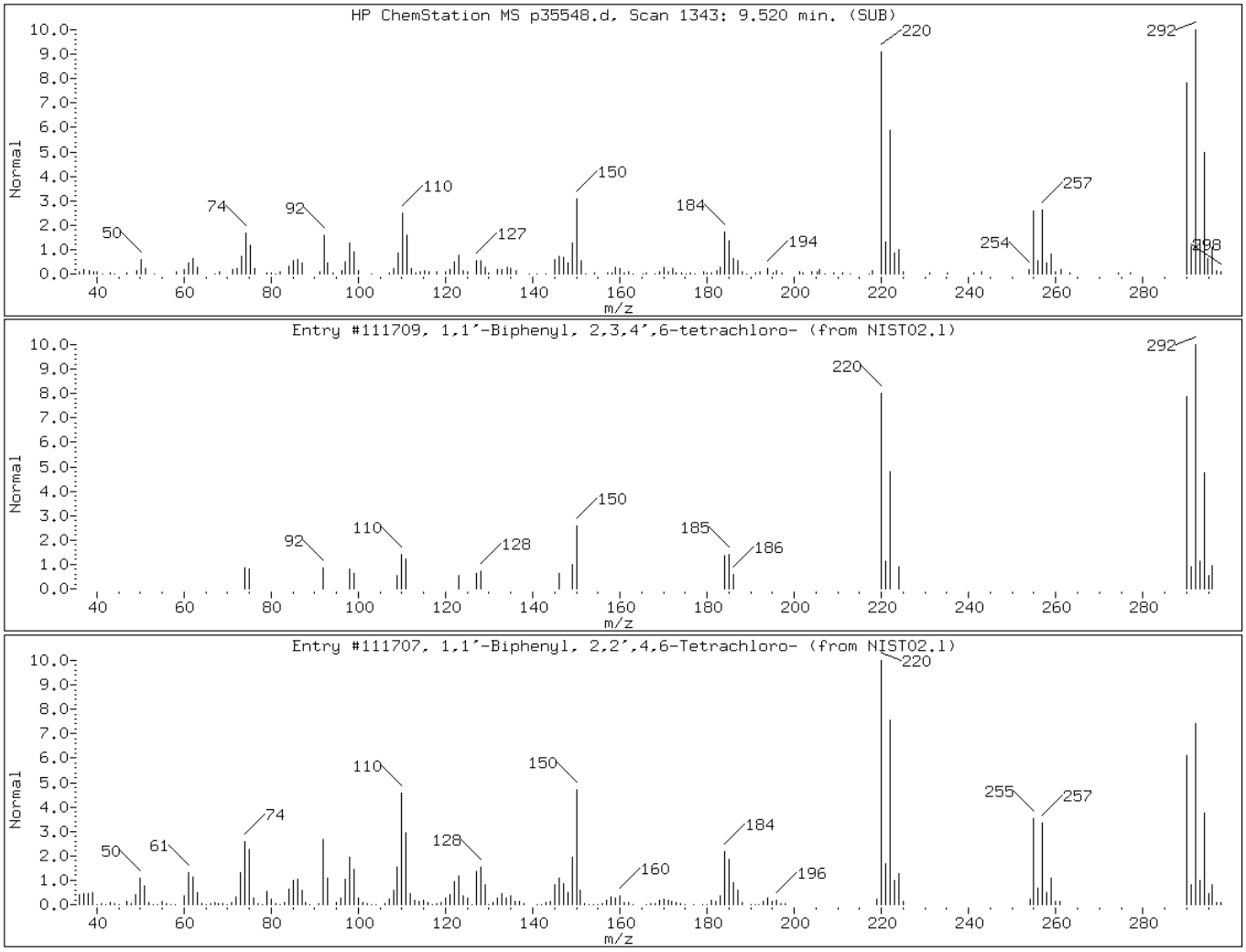
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,6-Tetrachlor	62796-65-0	NIST02.l	111707	99	C12H6Cl4	290



Data File: p35548.d

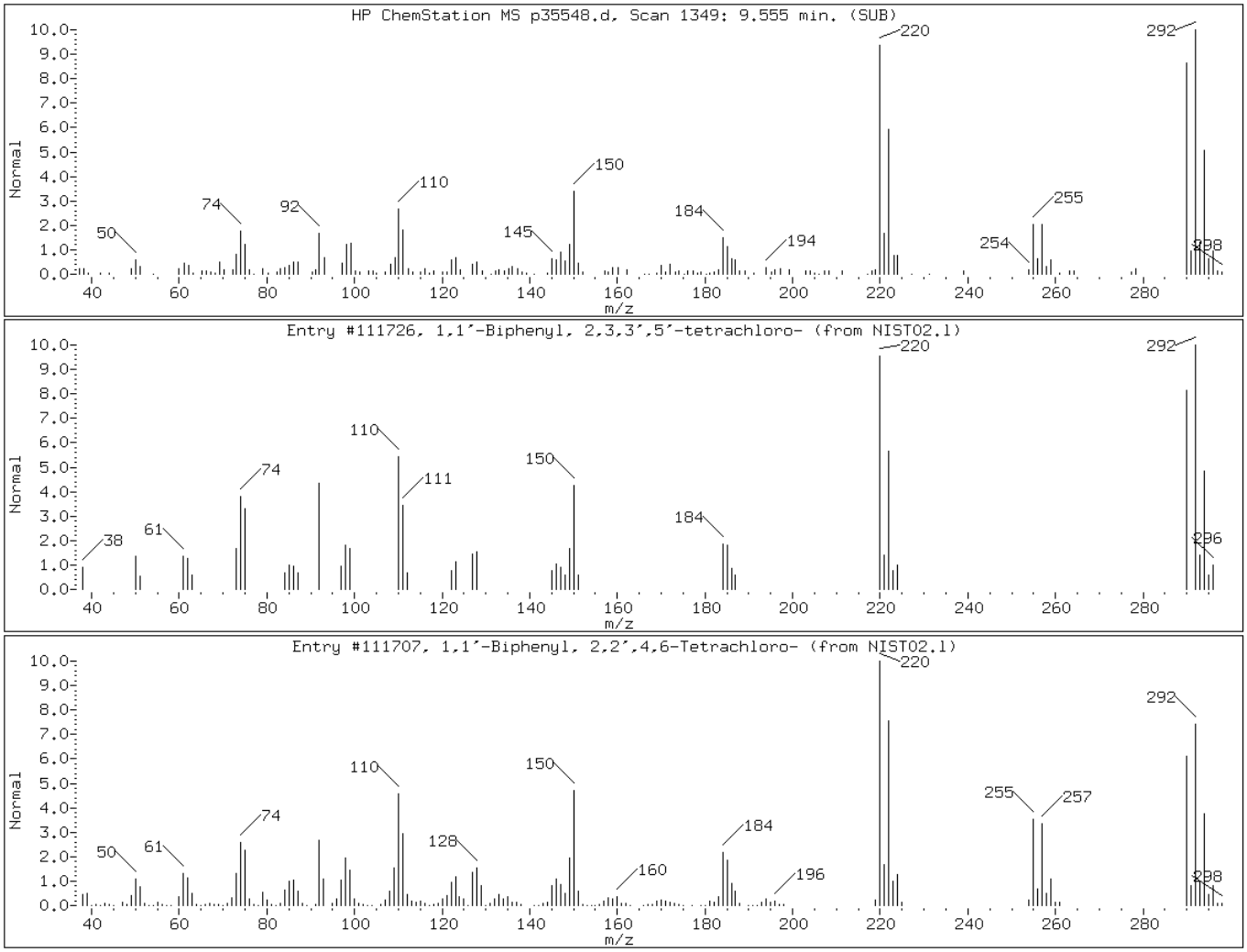
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,6-Tetrachlor	62796-65-0	NIST02.l	111707	95	C12H6Cl4	290



Data File: p35548.d

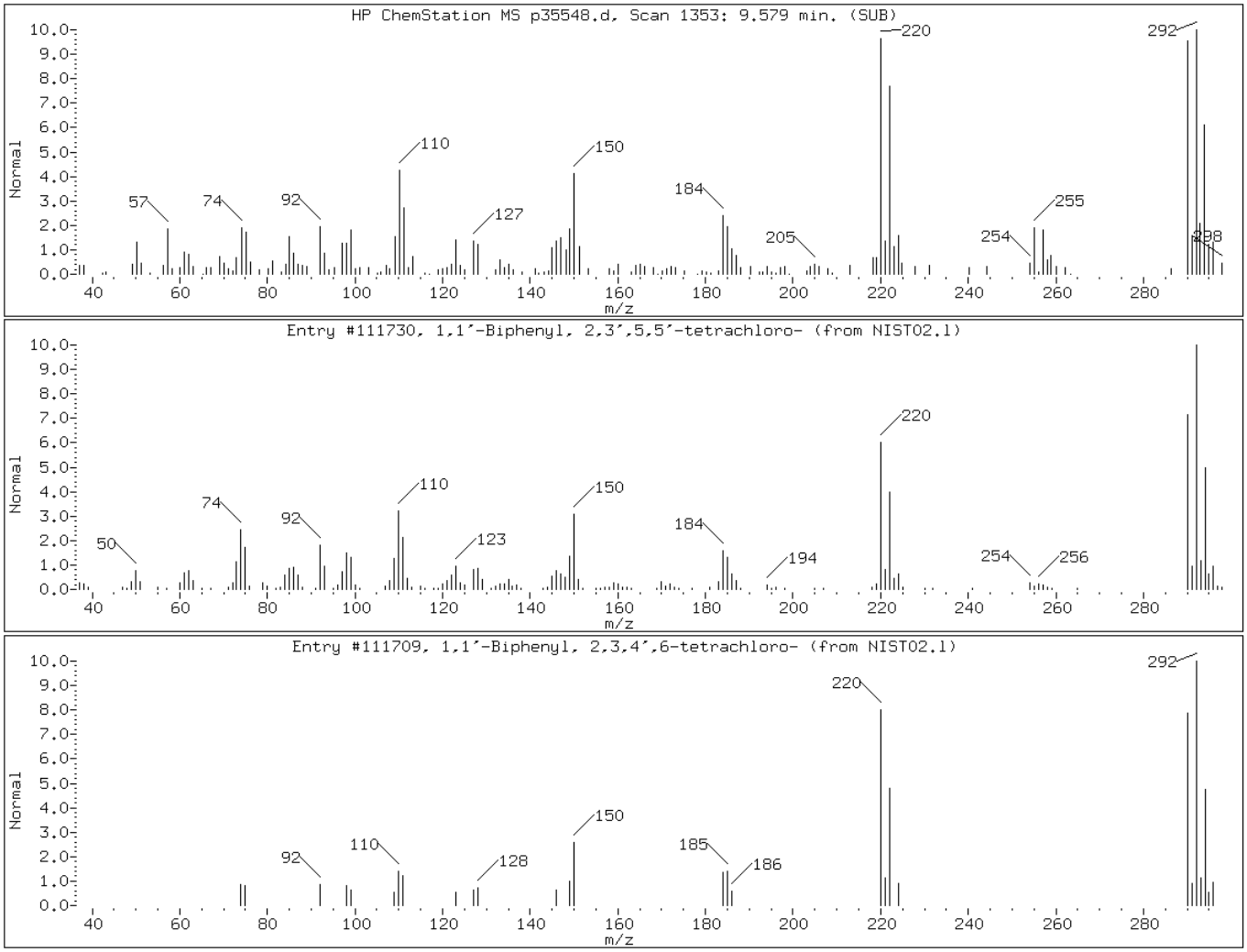
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: p35548.d

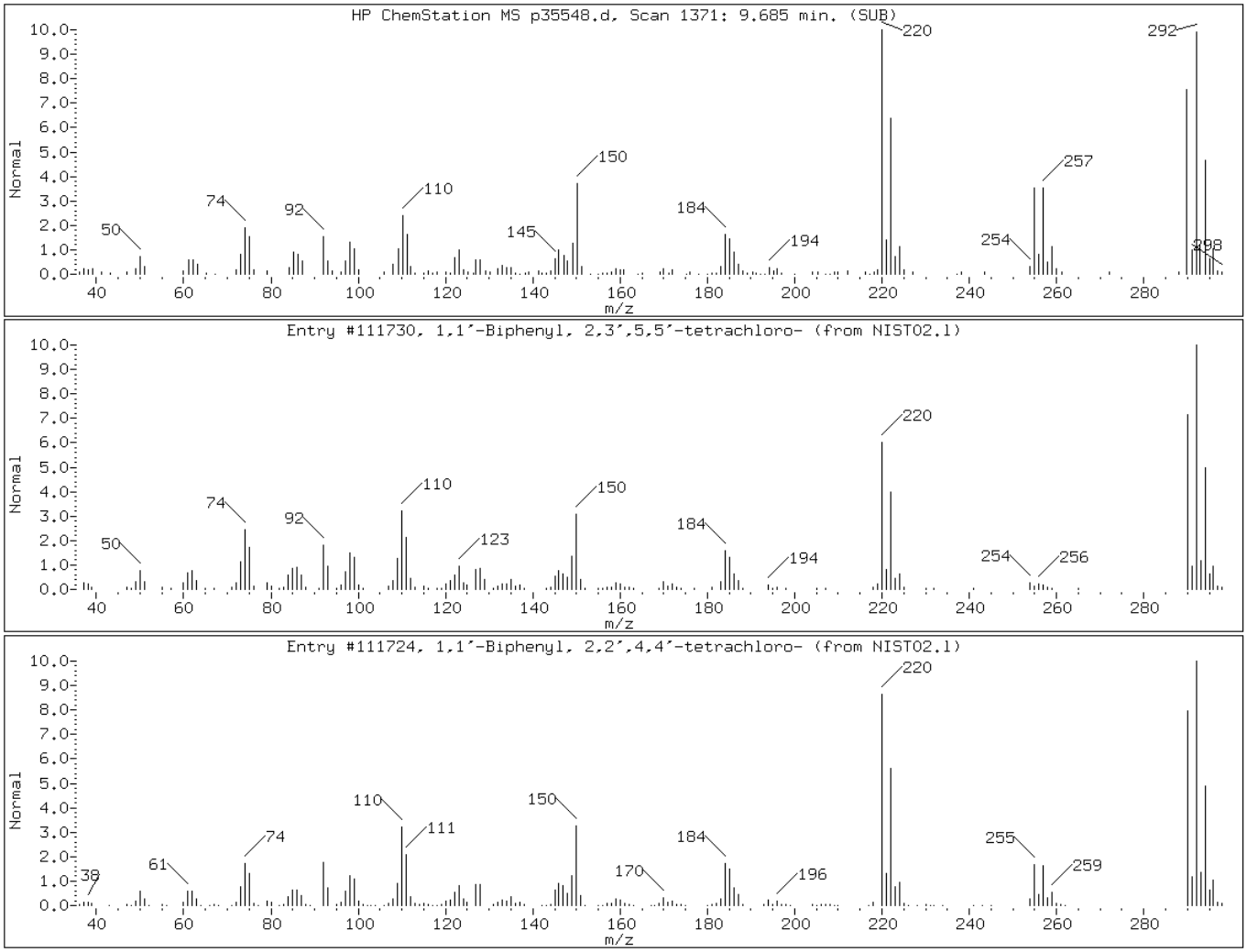
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290



Data File: p35548.d

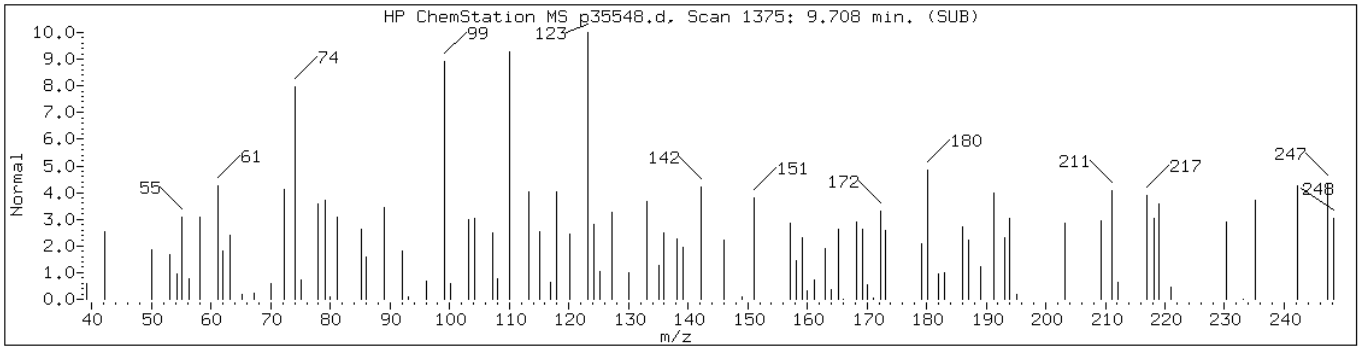
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown						



Data File: p35548.d

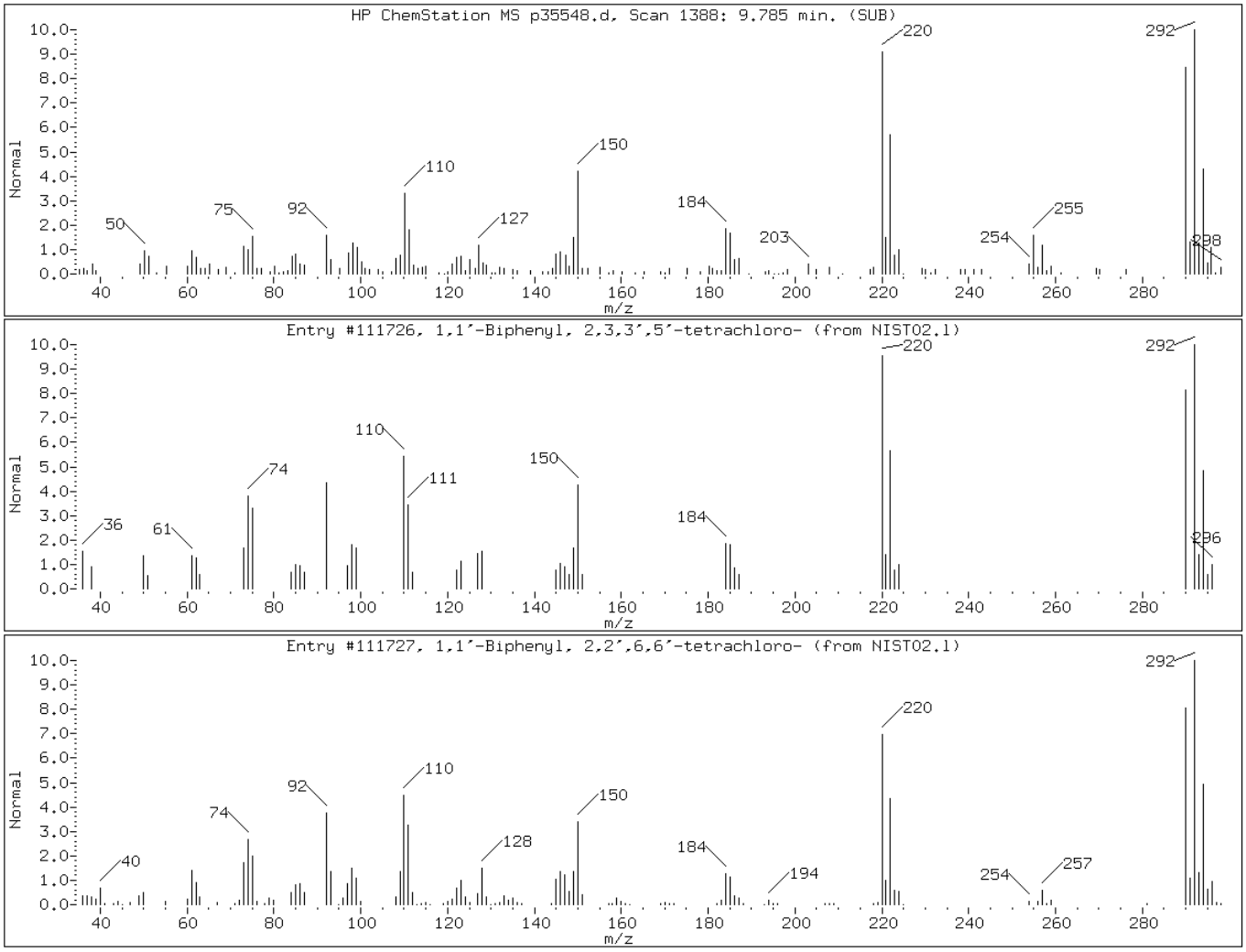
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	98	C12H6Cl4	290



Data File: p35548.d

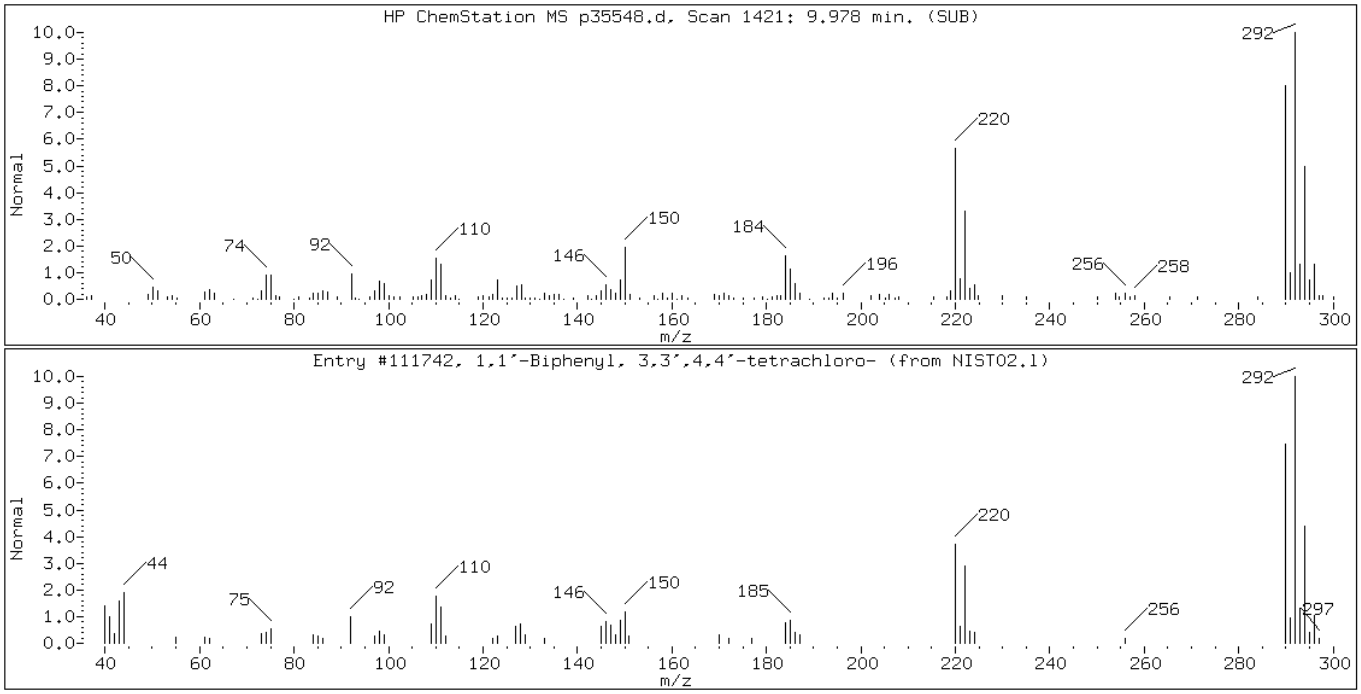
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 9.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9 -10						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290



Data File: p35548.d

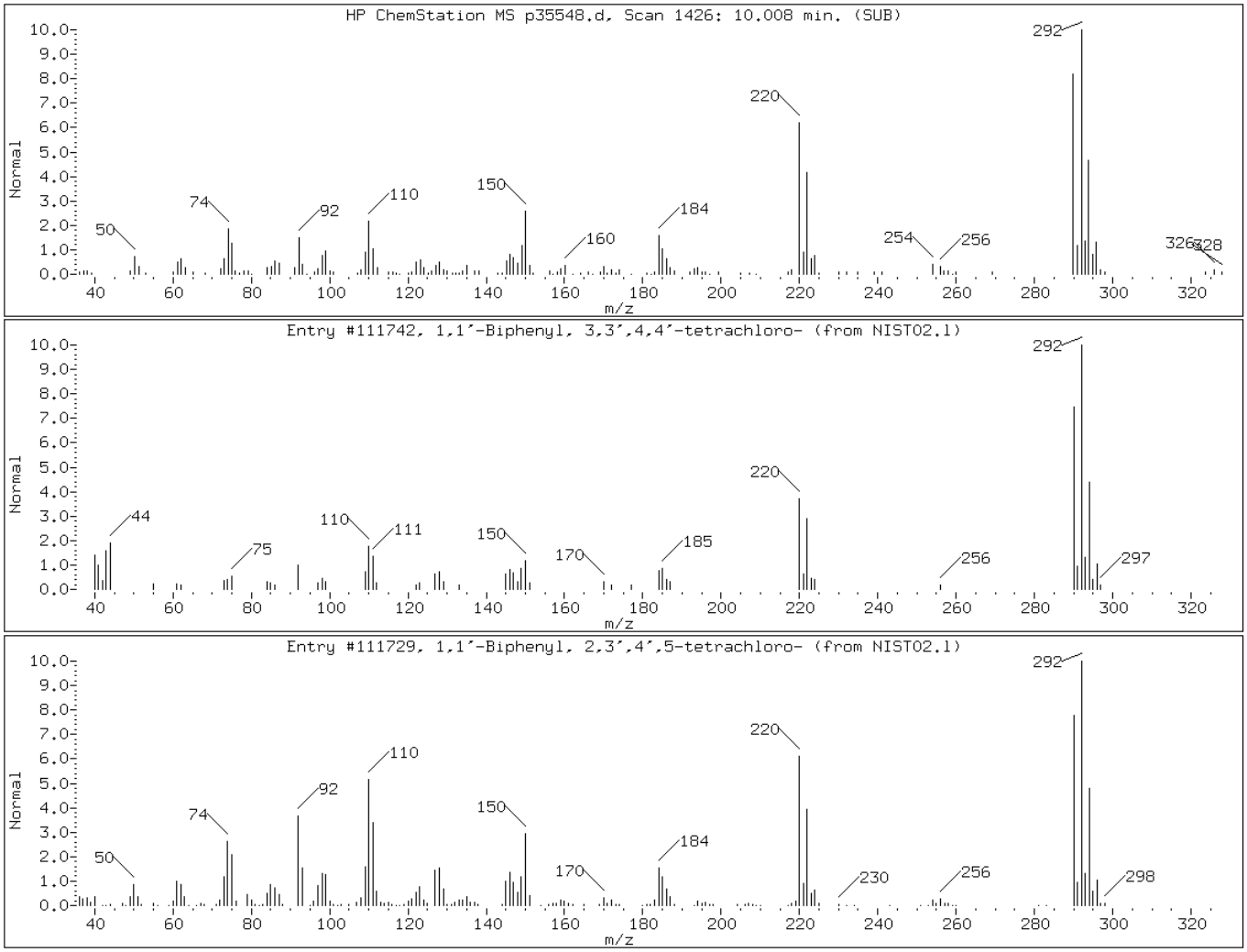
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 10.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-10						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111729	98	C12H6Cl4	290



Data File: p35548.d

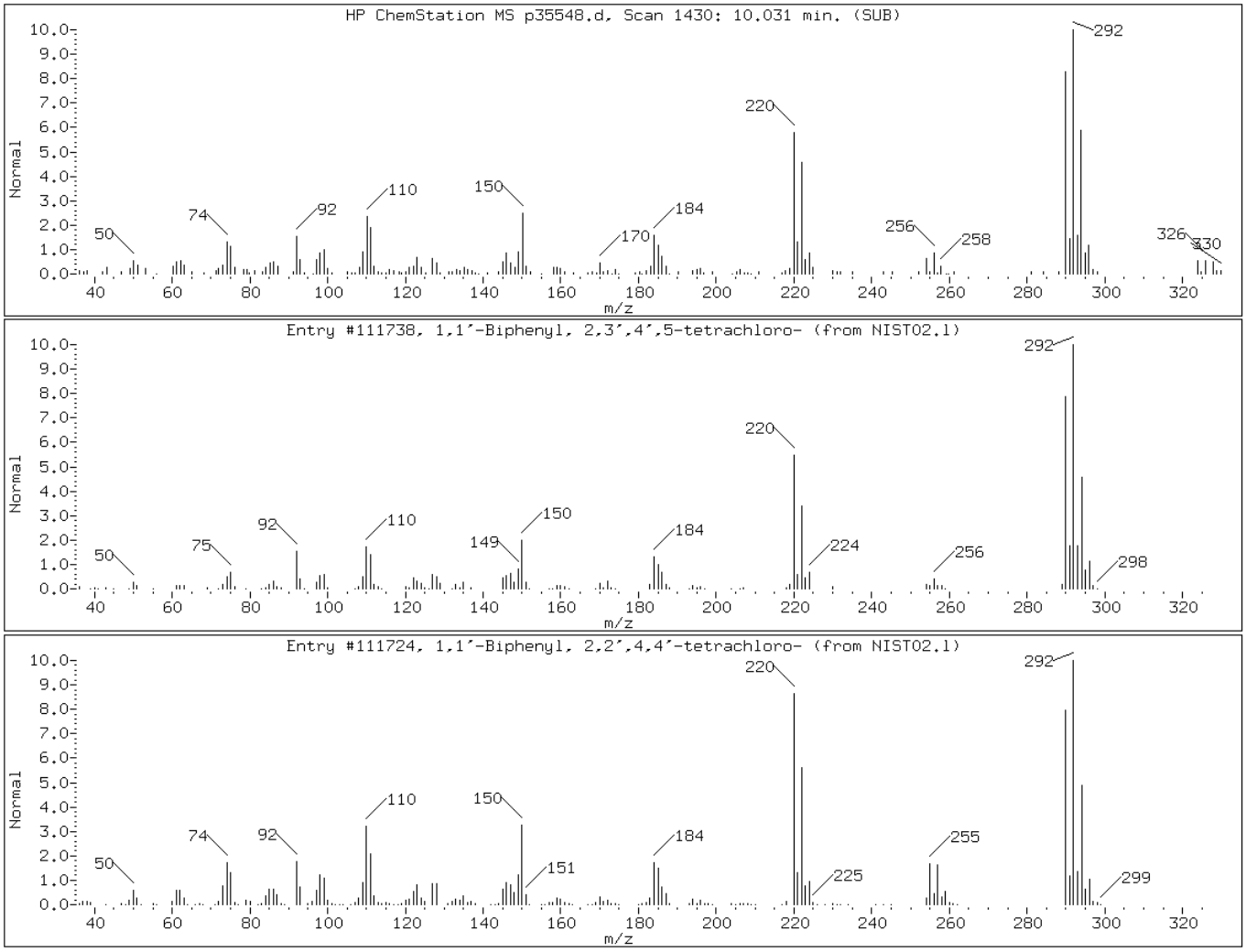
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 10.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-11						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290



Data File: p35548.d

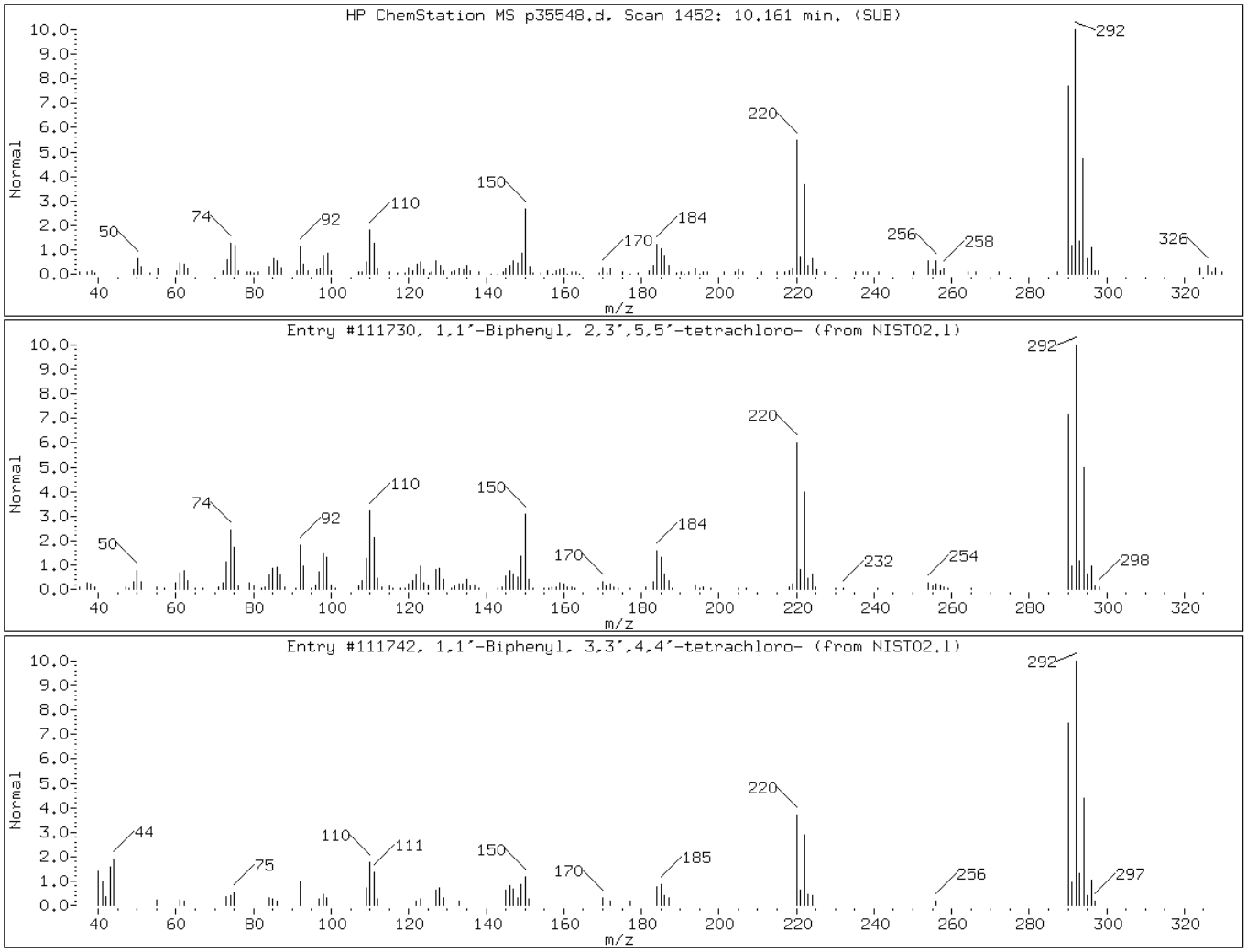
Date: 19-MAR-2013 23:28

Client ID: PMP-4-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-9-G Operator: BNAMS 4

Retention Time: 10.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-12						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	98	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	98	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD | Lab Sample ID: 460-52450-10

Matrix: Solid | Lab File ID: p35549.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 23:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.0	U	35	4.0
95-50-1	1,2-Dichlorobenzene	40	U	350	40
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	39	U	350	39
121-14-2	2,4-Dinitrotoluene	11	U	71	11
606-20-2	2,6-Dinitrotoluene	11	U	71	11
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	150	U	710	150
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
99-09-2	3-Nitroaniline	120	U	710	120
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
106-47-8	4-Chloroaniline	92	U	350	92
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	41	U	350	41
120-12-7	Anthracene	42	U	350	42
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
108-60-1	bis (2-chloroisopropyl) ether	39	U	350	39
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	41	U	350	41
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
131-11-3	Dimethyl phthalate	41	U	350	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD | Lab Sample ID: 460-52450-10

Matrix: Solid | Lab File ID: p35549.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 23:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	47	U	350	47
86-73-7	Fluorene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	42	U	350	42
91-20-3	Naphthalene	40	U	350	40
98-95-3	Nitrobenzene	5.0	U	35	5.0
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-01-8	Phenanthrene	44	U	350	44
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	87		40-109
4165-60-0	Nitrobenzene-d5	67		38-105
1718-51-0	Terphenyl-d14	56		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD | Lab Sample ID: 460-52450-10

Matrix: Solid | Lab File ID: p35549.d

Analysis Method: 8270C | Date Collected: 03/14/2013 10:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 23:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 2040

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.36	400	J
	Unknown-1	15.27	1300	J
	Unknown-2	15.54	340	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35549.d
Report Date: 22-Mar-2013 10:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35549.d
Lab Smp Id: 460-52450-F-10-E Client Smp ID: PMP-4-NE-VD
Inj Date : 19-MAR-2013 23:53
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-10-E
Misc Info : 460-52450-F-10-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 26
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	15.04000	Weight of sample extracted (g)
M	5.41516	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.210	3.110	(0.728)	1195313	59.3354	4200
$ 17 Phenol-d5 (SUR)	99	4.044	4.044	(0.917)	1431556	61.9957	4400
* 79 1,4-Dichlorobenzene-d4	152	4.408	4.402	(1.000)	594176	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	612100	33.2990	2300
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	1729829	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1064643	43.3006	3000
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	724860	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	200519	66.5398	4700
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	754737	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	522061	28.1851	2000
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	585036	40.0000	
* 84 Perylene-d12	264	13.639	13.633	(1.000)	823520	40.0000	

Data File: p35549.d

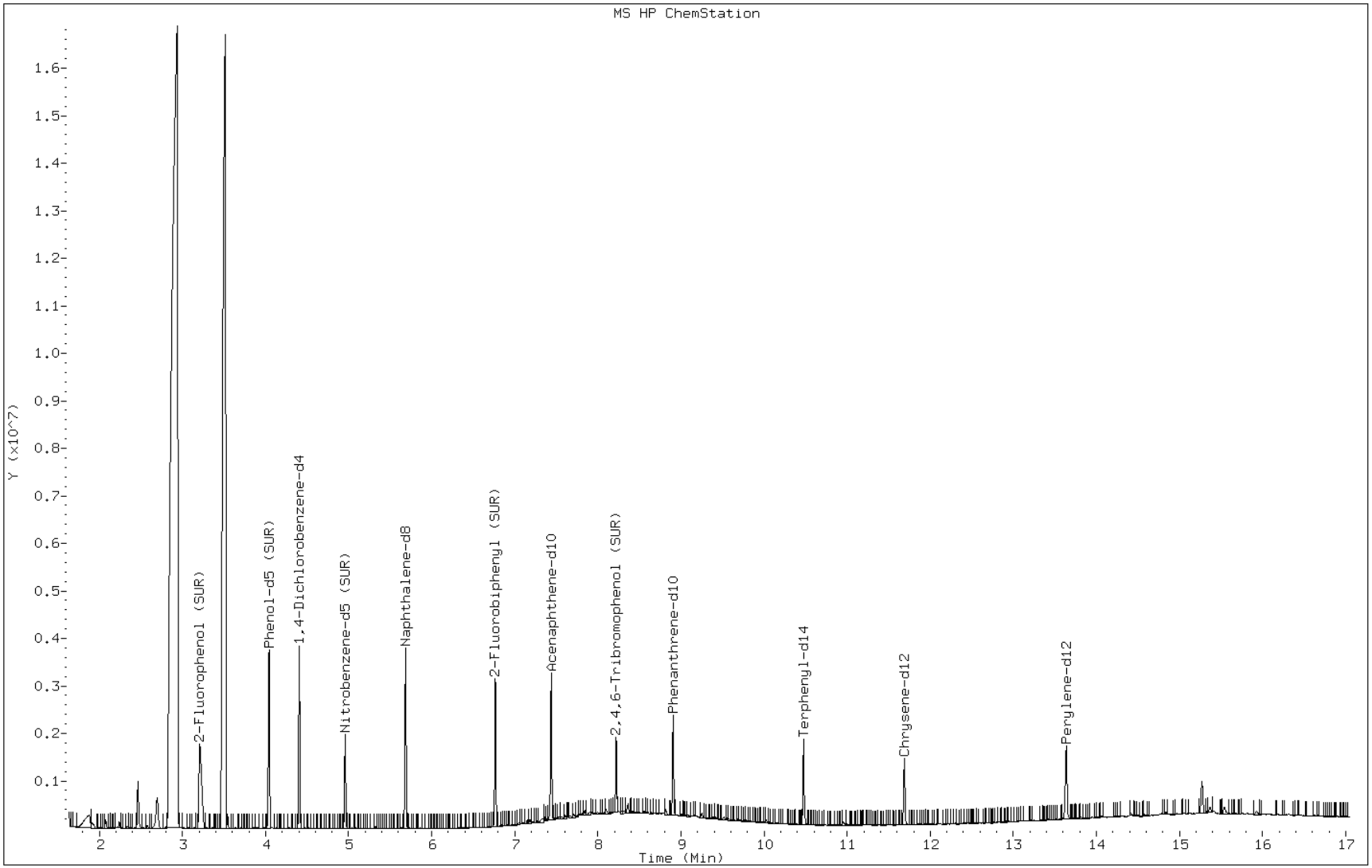
Date: 19-MAR-2013 23:53

Client ID: PMP-4-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-10-E

Operator: BNAMS 4



Data File: p35549.d

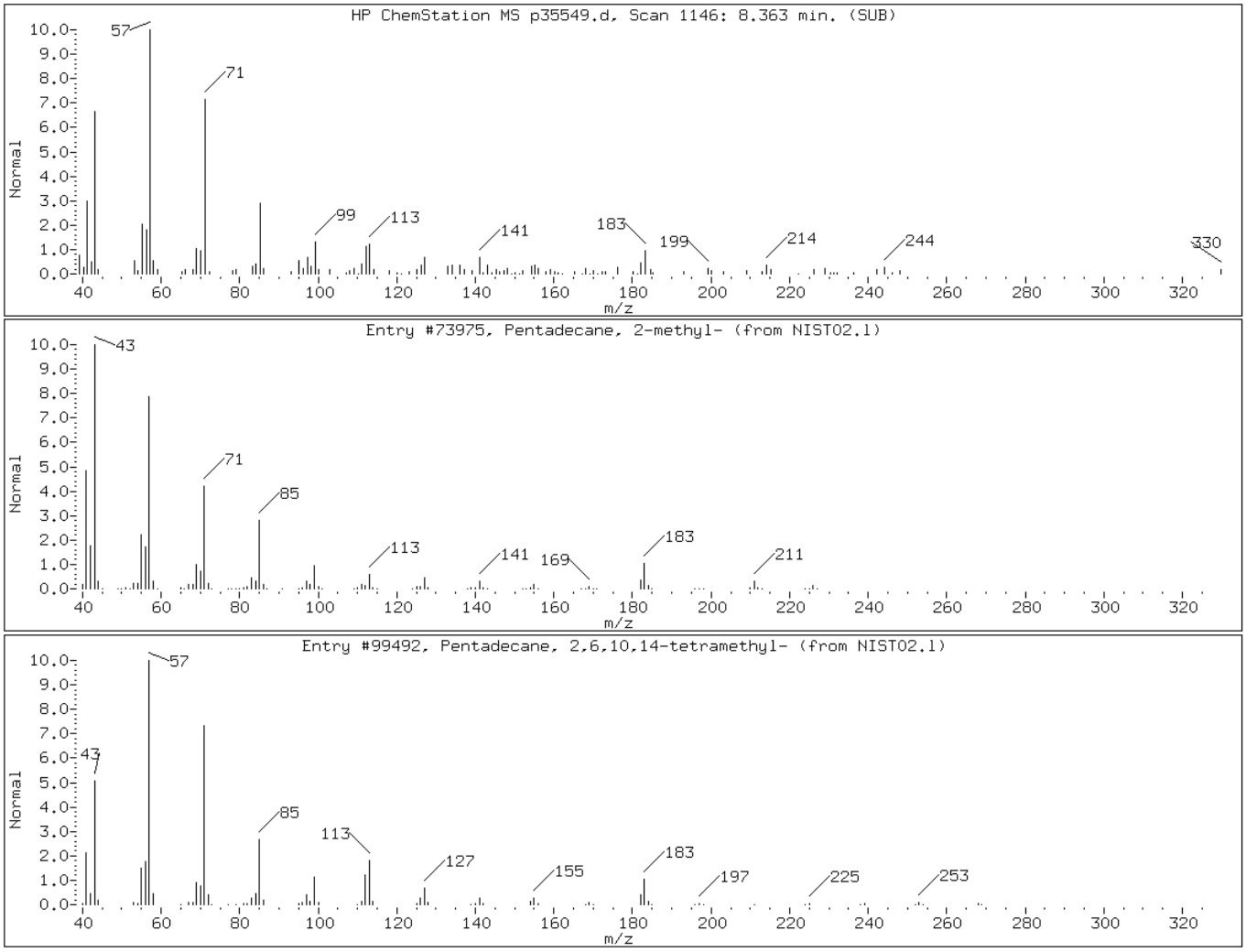
Date: 19-MAR-2013 23:53

Client ID: PMP-4-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-10-E Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2-methyl-	1560-93-6	NIST02.l	73975	87	C16H34	226
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	83	C19H40	268



Data File: p35549.d

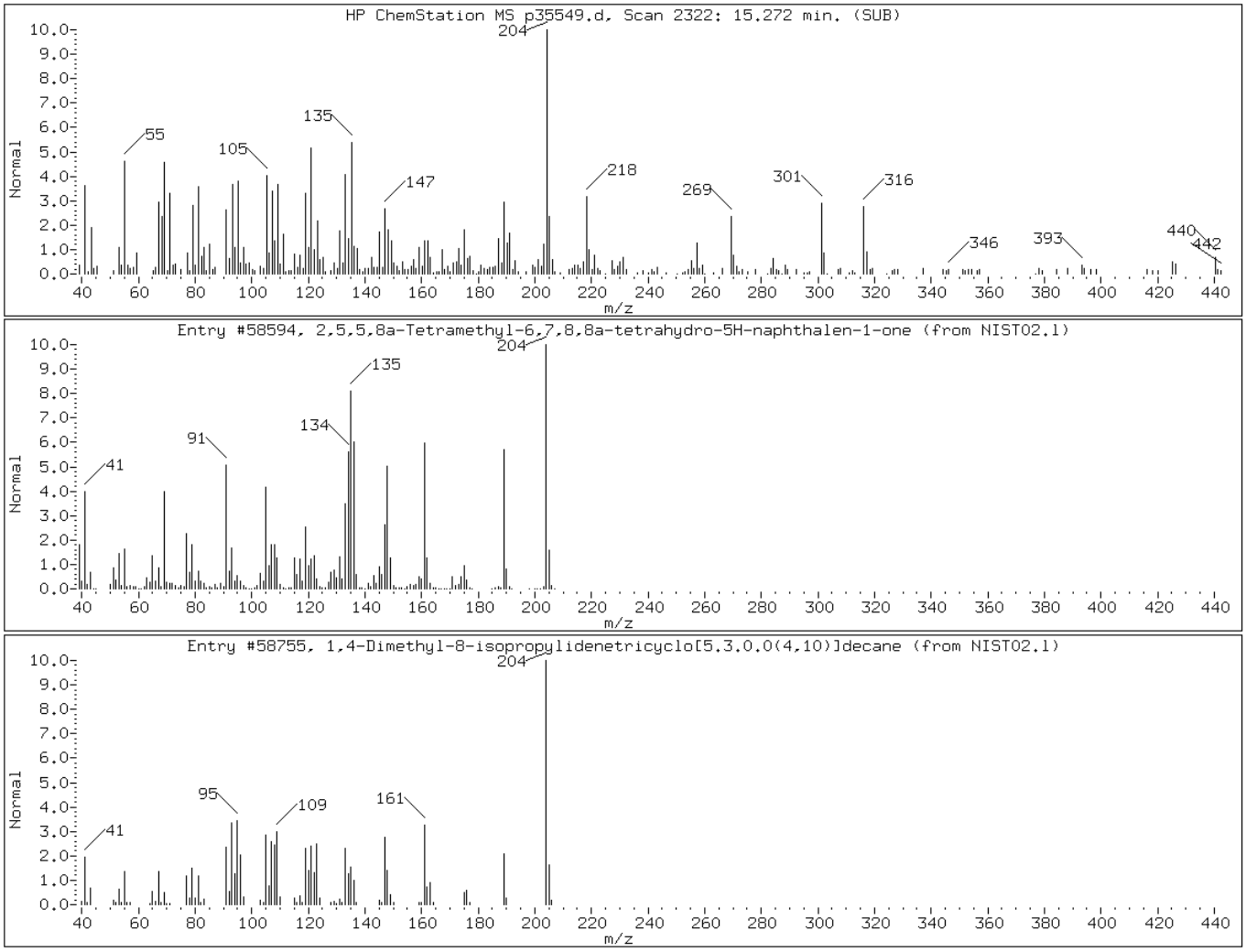
Date: 19-MAR-2013 23:53

Client ID: PMP-4-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-10-E Operator: BNAMS 4

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2,5,5,8a-Tetramethyl-6,7,8,8a-tetr	124957-09-1	NIST02.l	58594	55	C14H20O	204
1,4-Dimethyl-8-isopropylidenetricy	1000140-07-7	NIST02.l	58755	53	C15H24	204



Data File: p35549.d

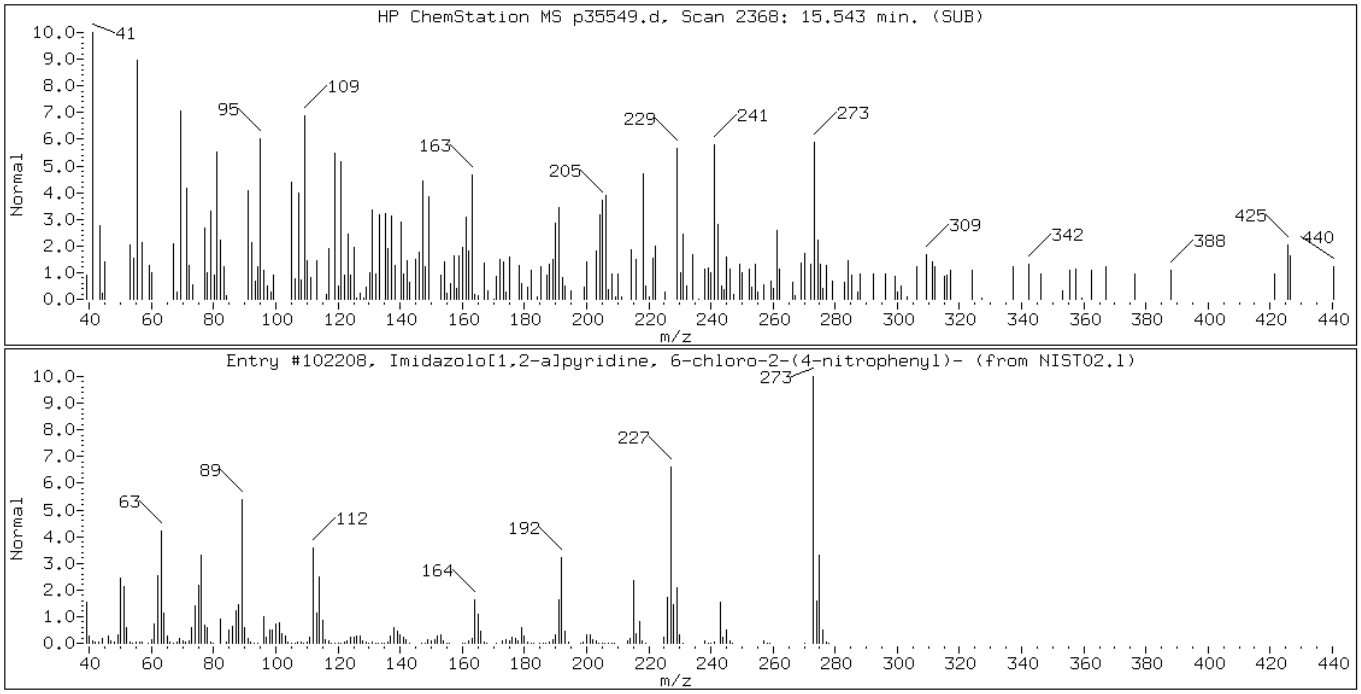
Date: 19-MAR-2013 23:53

Client ID: PMP-4-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-10-E Operator: BNAMS 4

Retention Time: 15.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Imidazolo[1,2-a]pyridine, 6-chloro	118000-62-7	NIST02.l	102208	25	C13H8ClN3O2	273



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS | Lab Sample ID: 460-52450-11

Matrix: Solid | Lab File ID: p35546.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 22:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.0	U	35	4.0
95-50-1	1,2-Dichlorobenzene	41	U	350	41
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	40	U	350	40
121-14-2	2,4-Dinitrotoluene	12	U	71	12
606-20-2	2,6-Dinitrotoluene	11	U	71	11
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	150	U	710	150
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
99-09-2	3-Nitroaniline	120	U	710	120
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
106-47-8	4-Chloroaniline	93	U	350	93
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	42	U	350	42
120-12-7	Anthracene	43	U	350	43
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
108-60-1	bis (2-chloroisopropyl) ether	39	U	350	39
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	42	U	350	42
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
131-11-3	Dimethyl phthalate	42	U	350	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS | Lab Sample ID: 460-52450-11

Matrix: Solid | Lab File ID: p35546.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 22:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	47	U	350	47
86-73-7	Fluorene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	43	U	350	43
91-20-3	Naphthalene	41	U	350	41
98-95-3	Nitrobenzene	5.0	U	35	5.0
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-01-8	Phenanthrene	45	U	350	45
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		40-109
4165-60-0	Nitrobenzene-d5	76		38-105
1718-51-0	Terphenyl-d14	66		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS | Lab Sample ID: 460-52450-11

Matrix: Solid | Lab File ID: p35546.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 22:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 9850

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.36	380	J
	Trichloro-1,1-biphenyl isomer-1	9.01	650	J
	Trichloro-1,1-biphenyl isomer-2	9.25	1800	J
	Tetrachloro-1,1-biphenyl isomer-1	9.31	310	J
	Trichloro-1,1-biphenyl isomer-3	9.39	550	J
	Tetrachloro-1,1-biphenyl isomer-3	9.52	800	J
	Tetrachloro-1,1-biphenyl isomer-4	9.56	640	J
	Tetrachloro-1,1-biphenyl isomer-5	9.58	420	J
	Tetrachloro-1,1-biphenyl isomer-6	9.68	770	J
	Unknown	9.71	370	J
	Tetrachloro-1,1-biphenyl isomer-7	9.78	670	J
	Tetrachloro-1,1-biphenyl isomer-8	9.97	440	J
	Tetrachloro-1,1-biphenyl isomer-9	10.01	430	J
	Tetrachloro-1,1-biphenyl isomer-10	10.03	970	J
	Tetrachloro-1,1-biphenyl isomer-11	10.16	650	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35546.d
Report Date: 22-Mar-2013 10:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35546.d
Lab Smp Id: 460-52450-F-11-E Client Smp ID: PMP-22-NE-VS
Inj Date : 19-MAR-2013 22:37
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-11-E
Misc Info : 460-52450-F-11-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 23
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	5.90476	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.145	3.110	(0.714)	1691008	65.1163	4600
$ 17 Phenol-d5 (SUR)	99	4.032	4.044	(0.916)	1873342	62.9335	4400
* 79 1,4-Dichlorobenzene-d4	152	4.403	4.402	(1.000)	765955	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	890513	37.9593	2700
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2207667	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.765	6.770	(0.909)	1414529	42.3737	3000
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	984146	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	250828	61.3050	4300
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	963888	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	582234	33.0099	2300
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	557100	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	592290	40.0000	

Data File: p35546.d

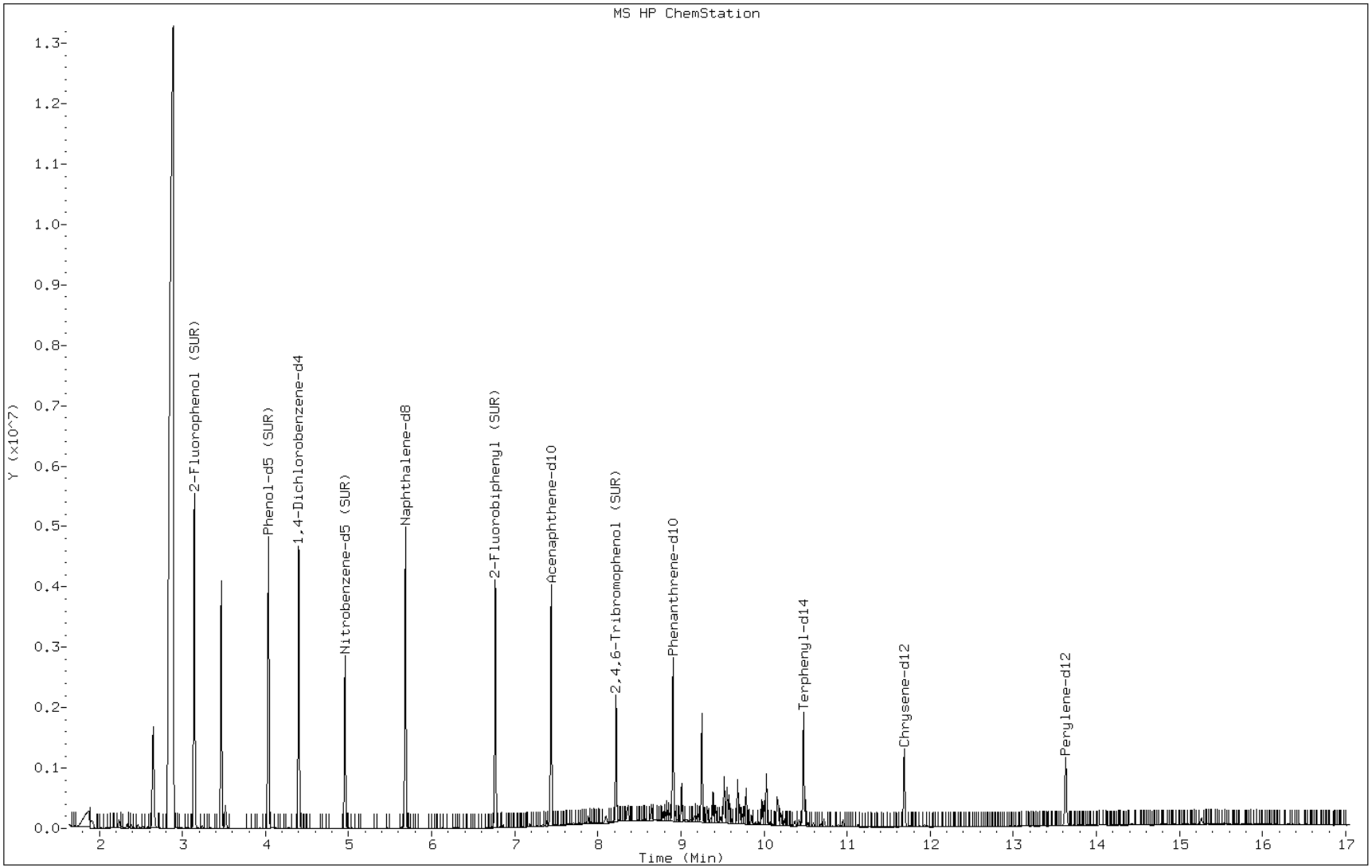
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS

Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E

Operator: BNAMS 4



Data File: p35546.d

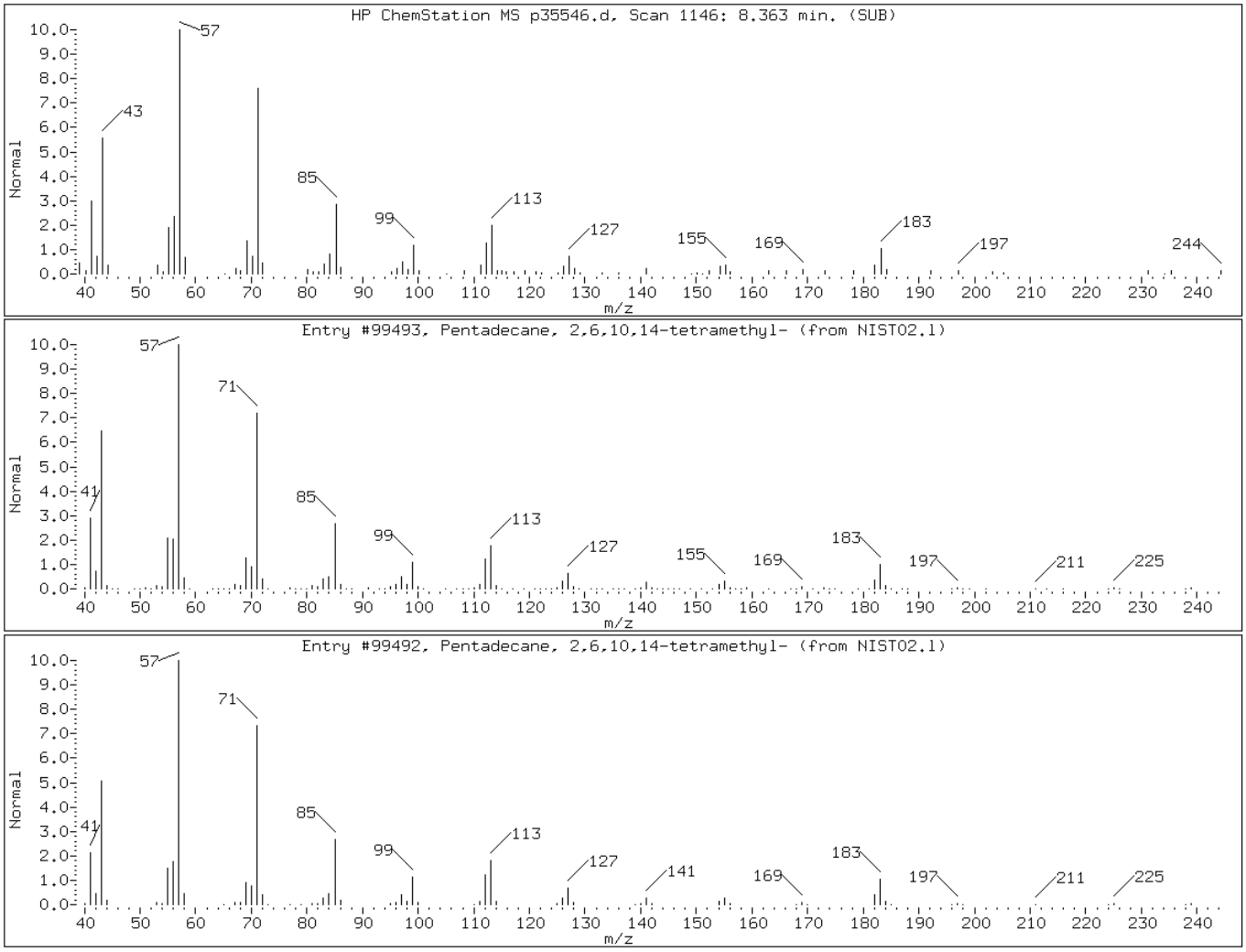
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	91	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	90	C19H40	268



Data File: p35546.d

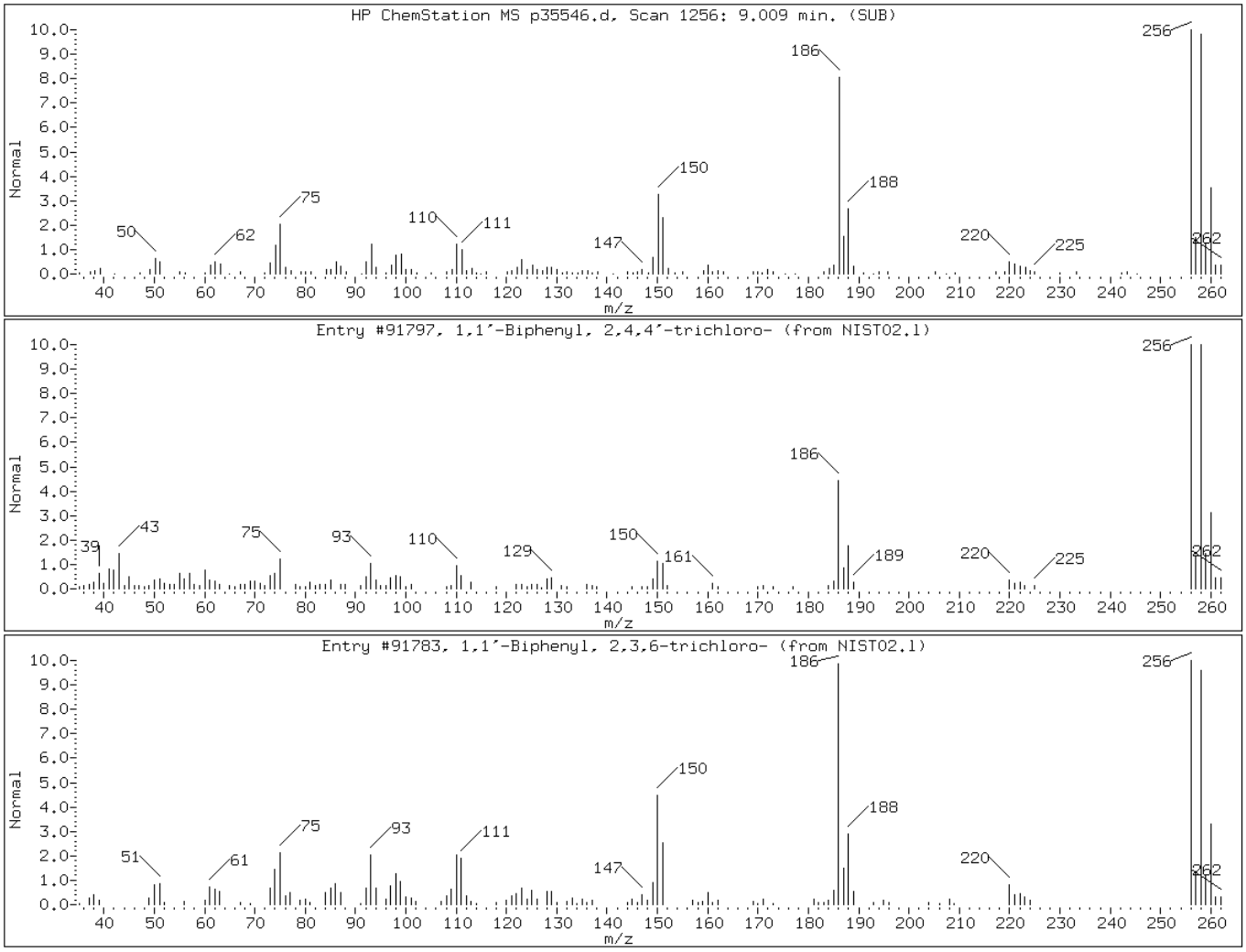
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	97	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	97	C12H7Cl3	256



Data File: p35546.d

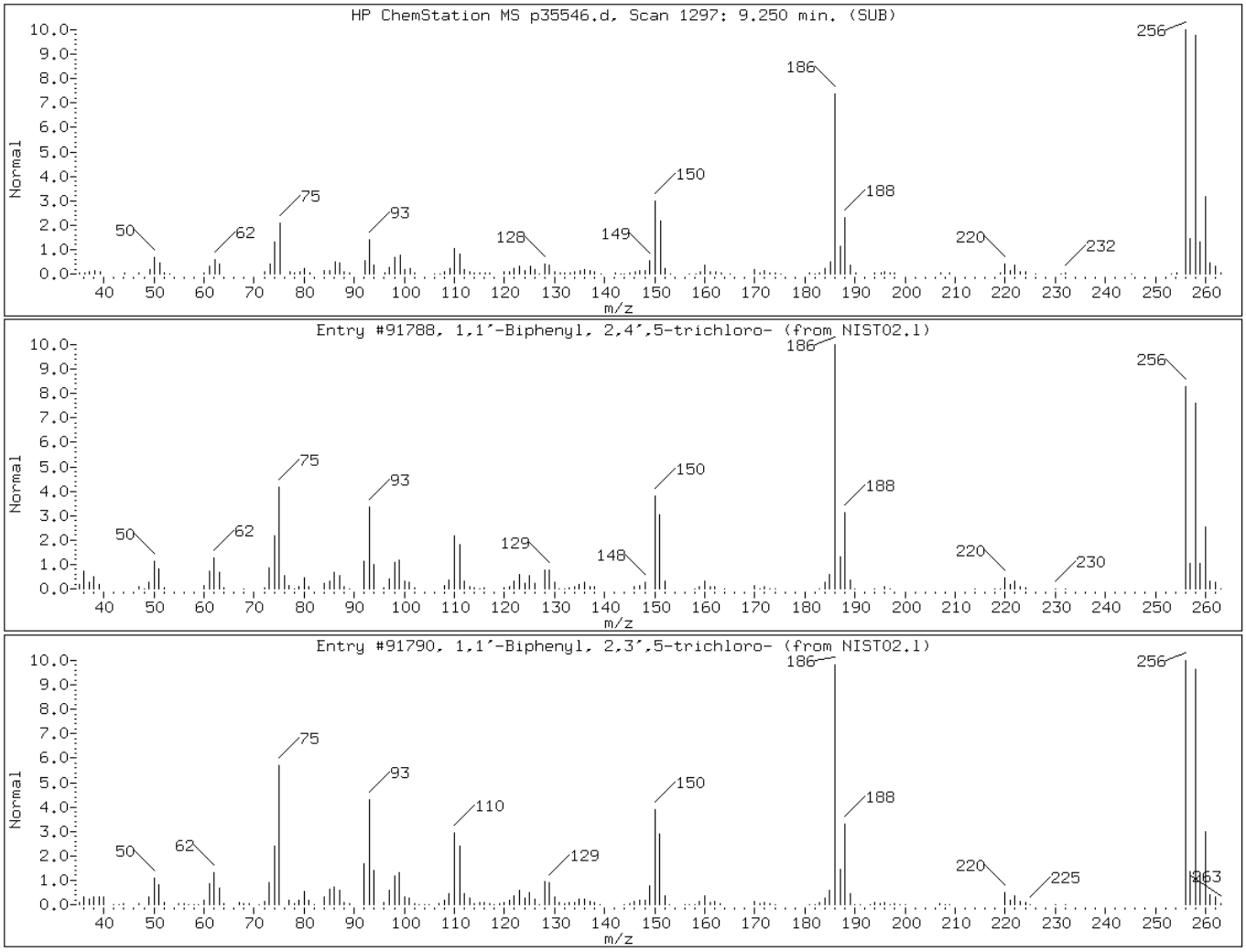
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	97	C12H7Cl3	256



Data File: p35546.d

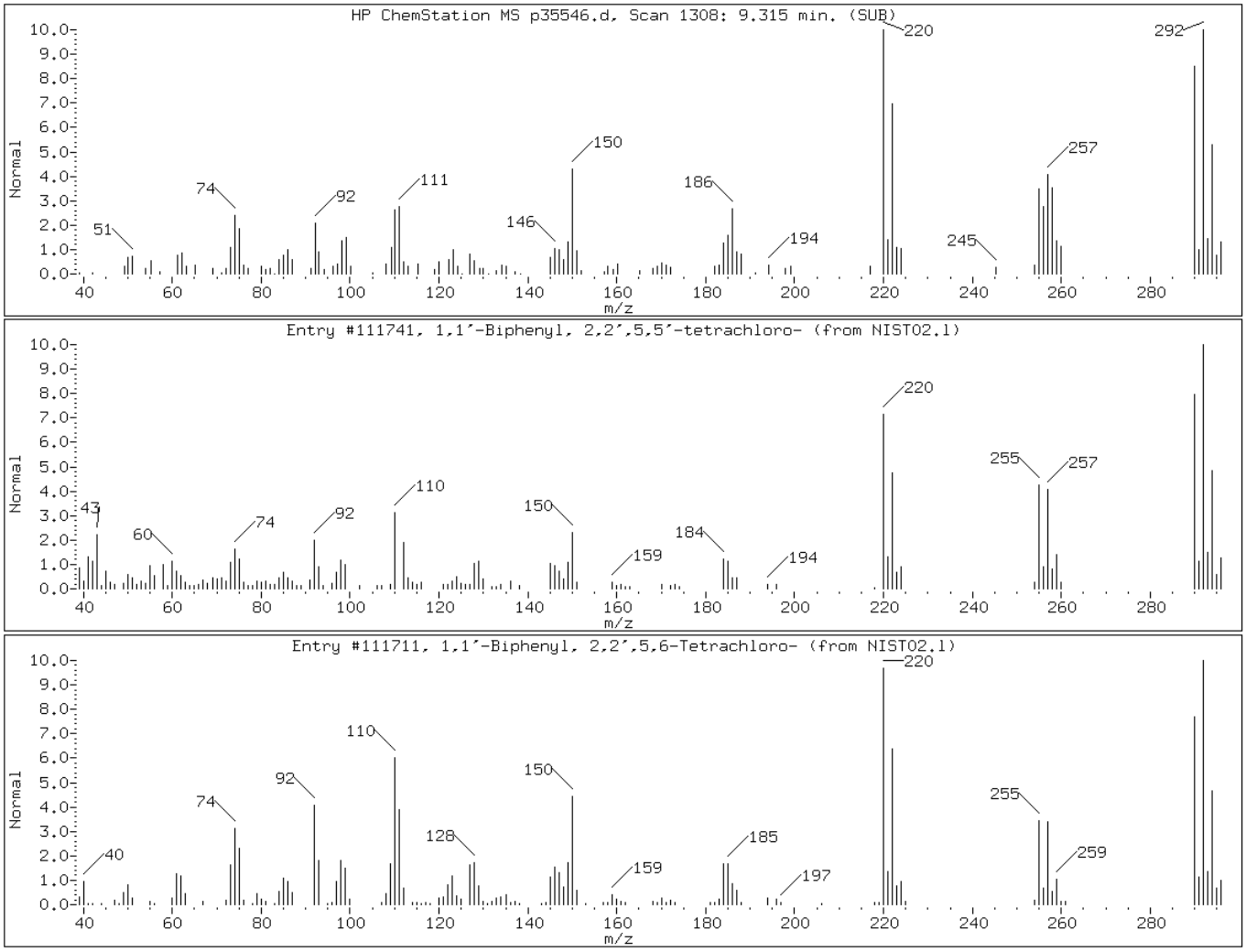
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111711	98	C12H6Cl4	290



Data File: p35546.d

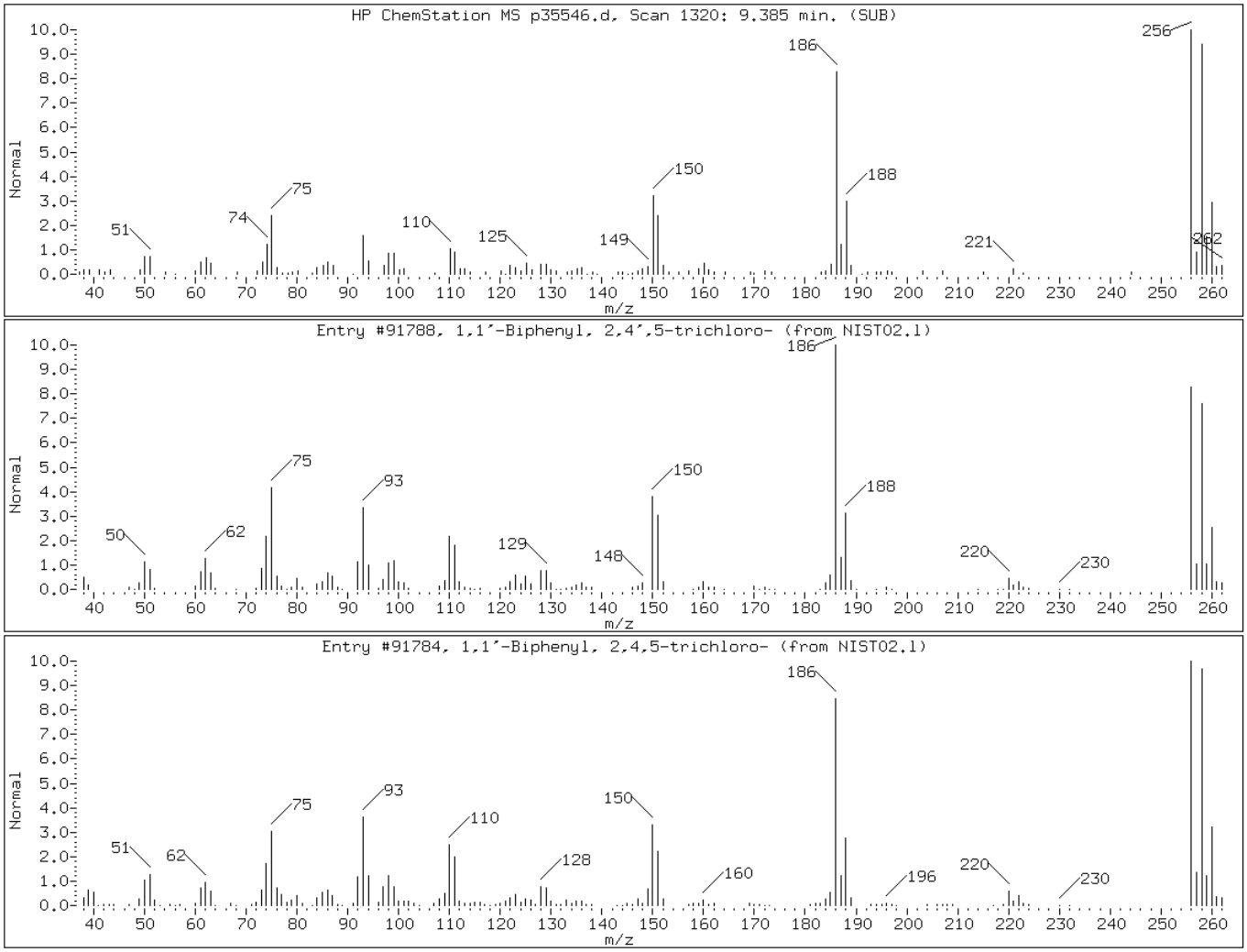
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	95	C12H7Cl3	256



Data File: p35546.d

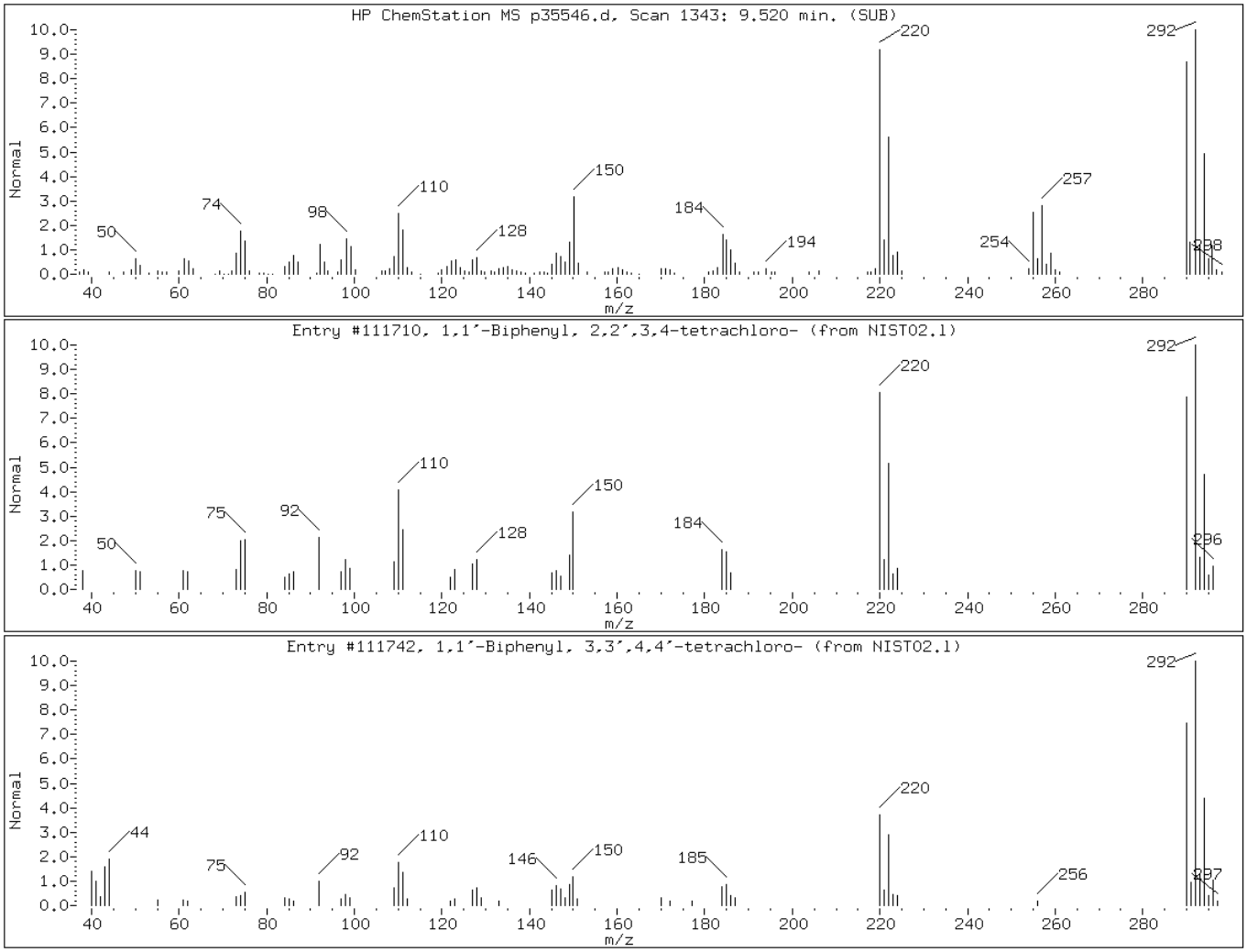
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	98	C12H6Cl4	290



Data File: p35546.d

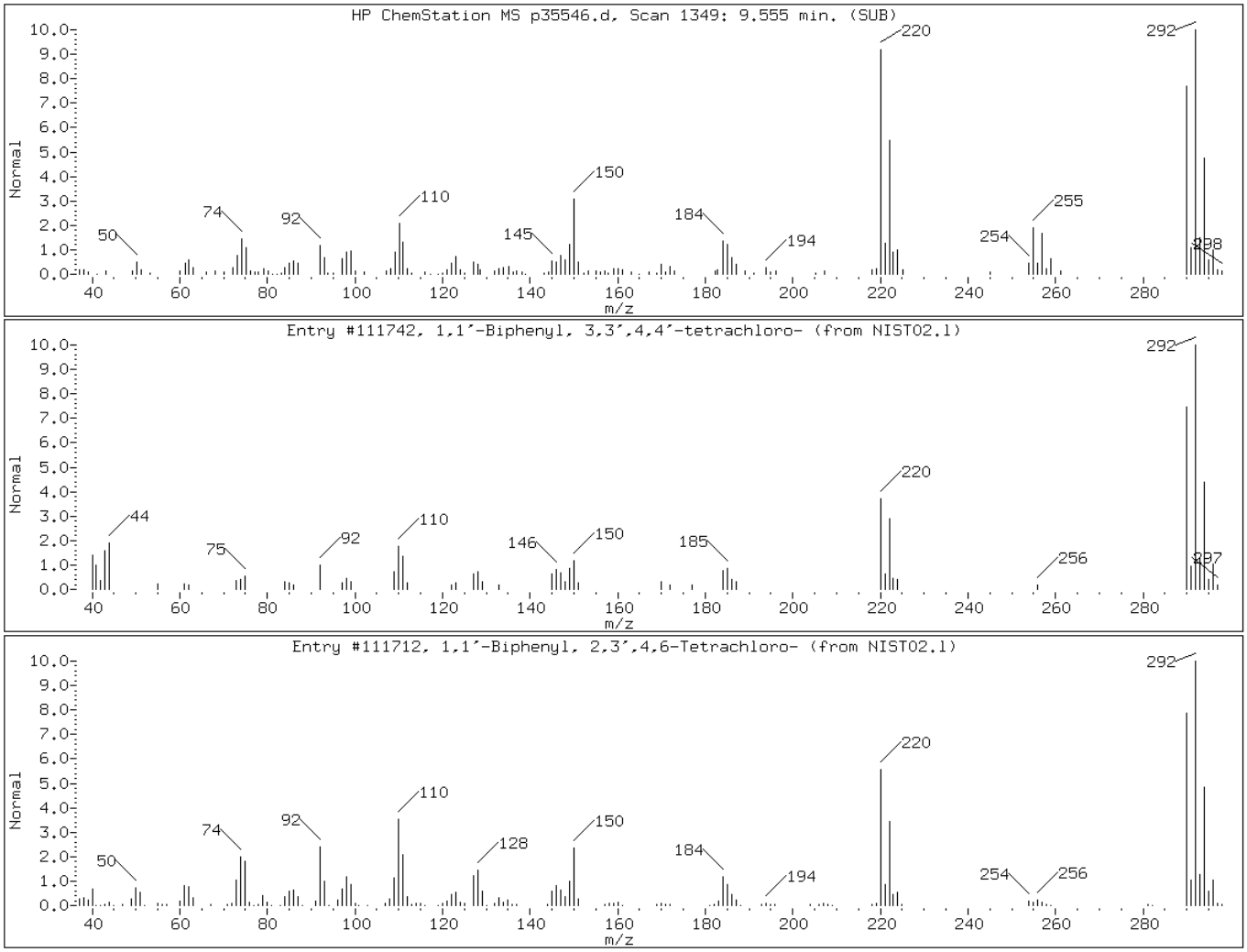
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4,6-Tetrachlor	60233-24-1	NIST02.l	111712	96	C12H6Cl4	290



Data File: p35546.d

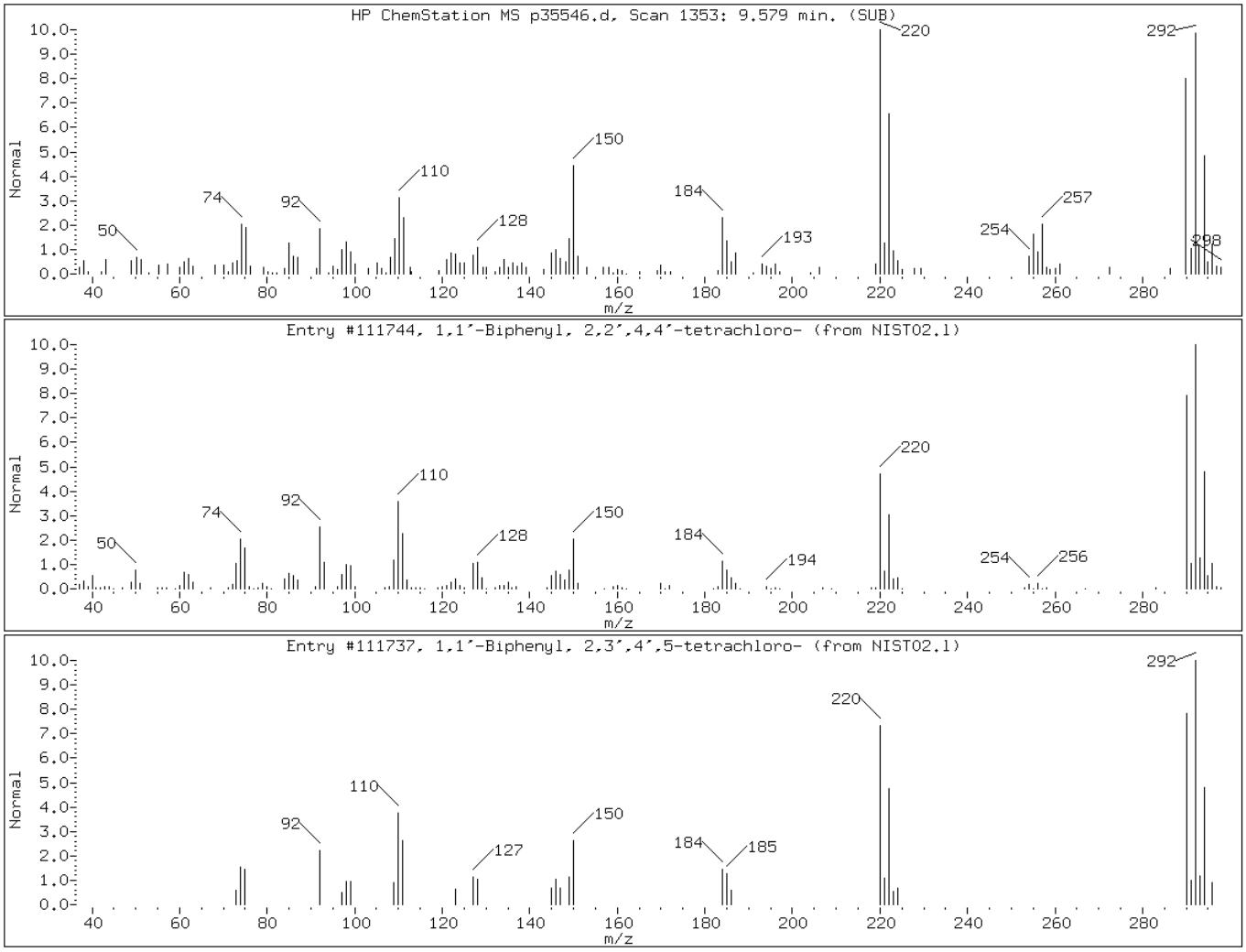
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111744	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: p35546.d

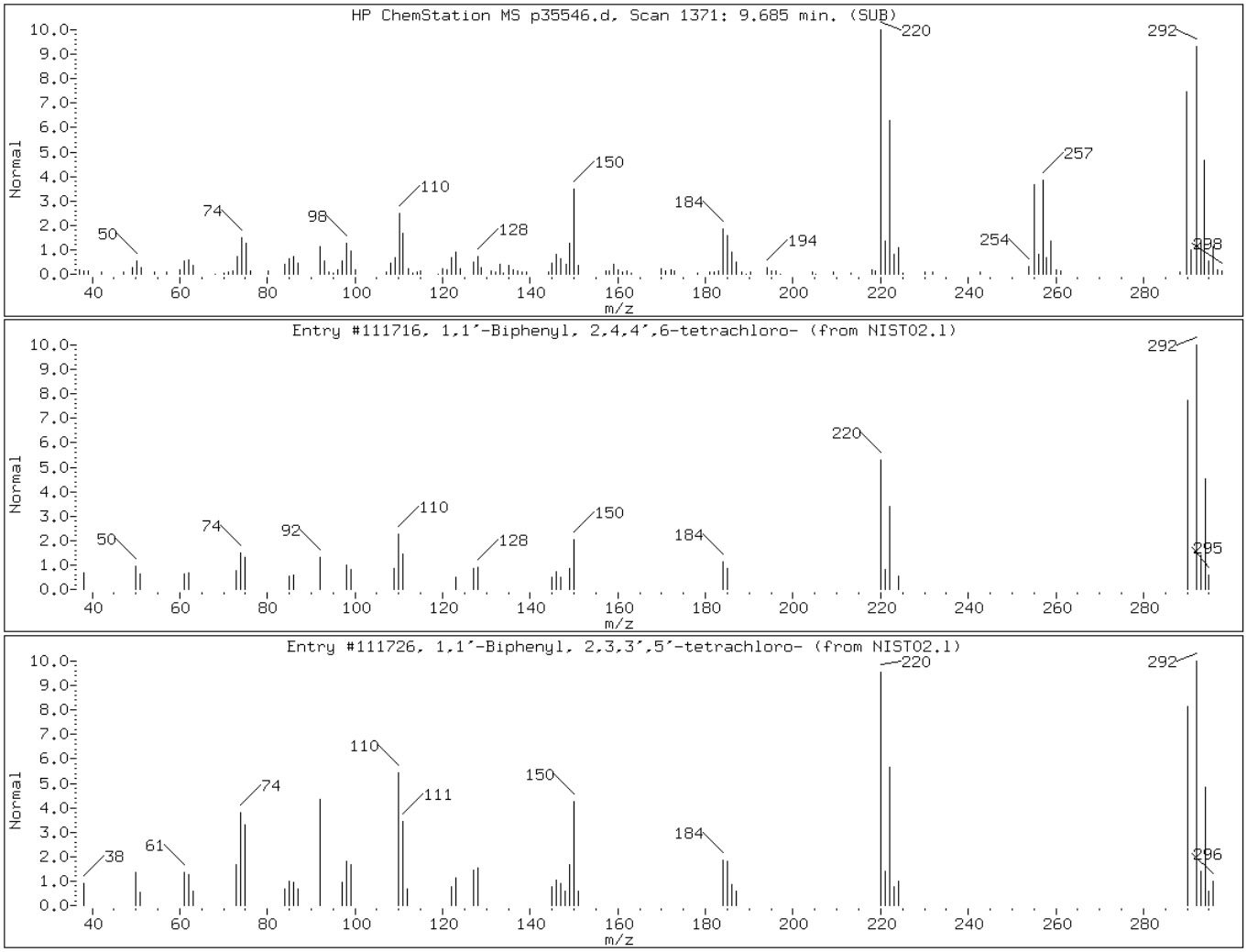
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	99	C12H6Cl4	290



Data File: p35546.d

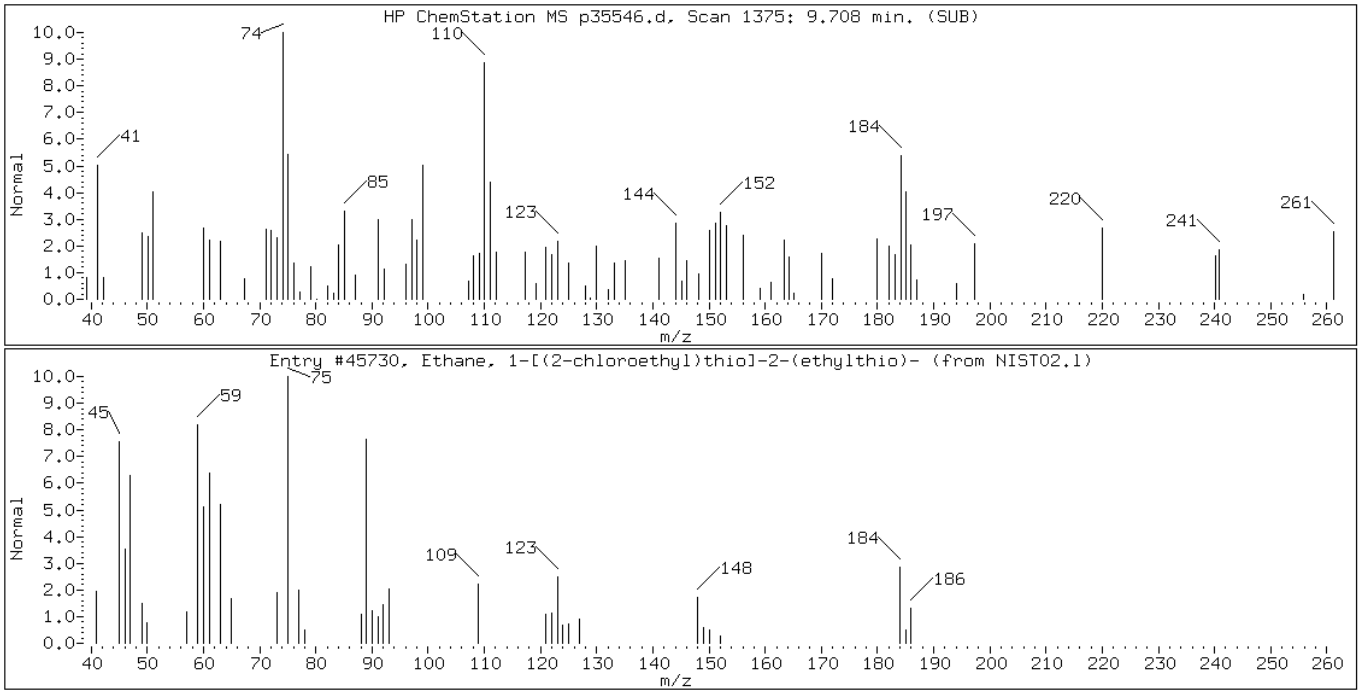
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethane, 1-[(2-chloroethyl)thio]-2-	92569-22-7	NIST02.l	45730	38	C6H13ClS2	184



Data File: p35546.d

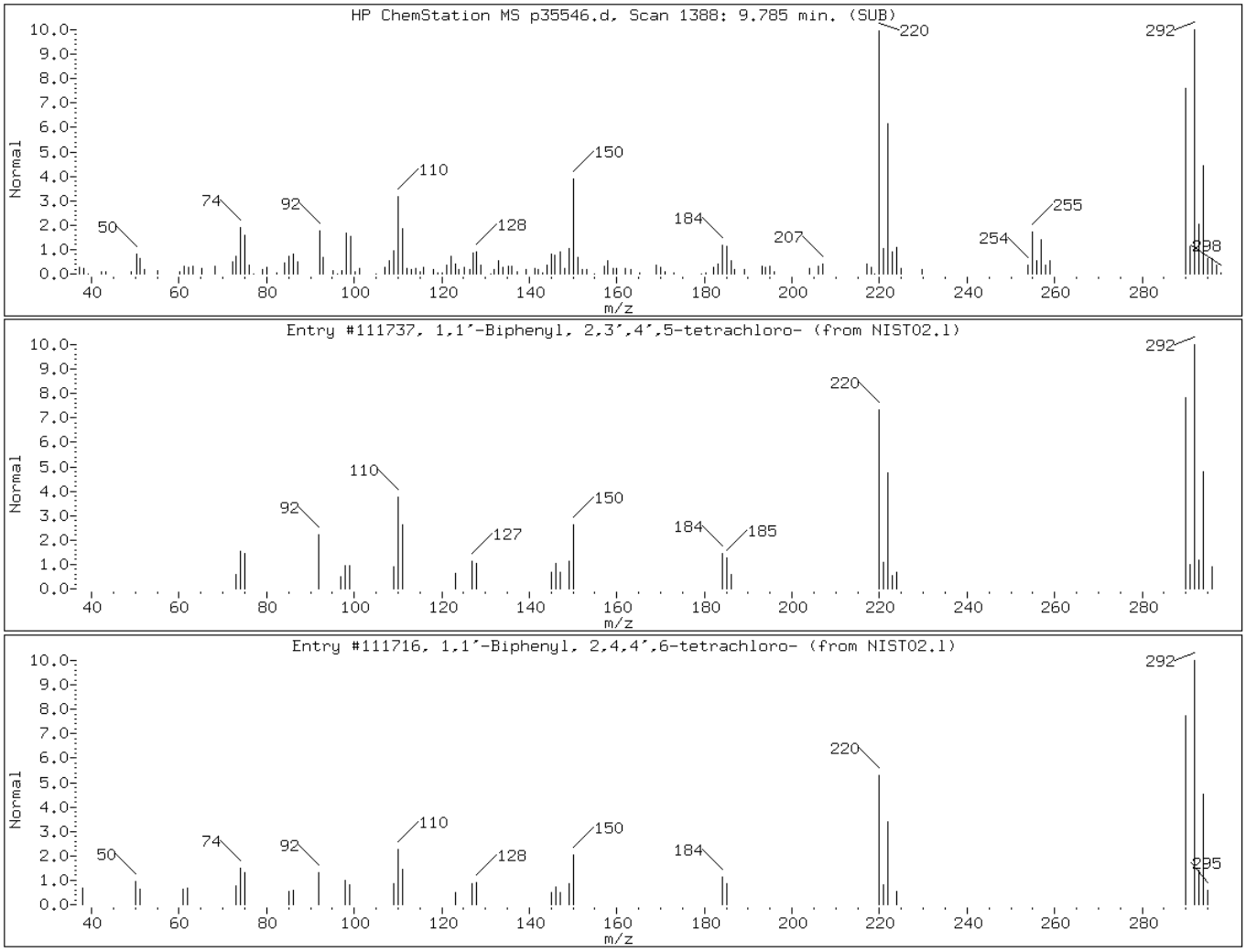
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	99	C12H6Cl4	290



Data File: p35546.d

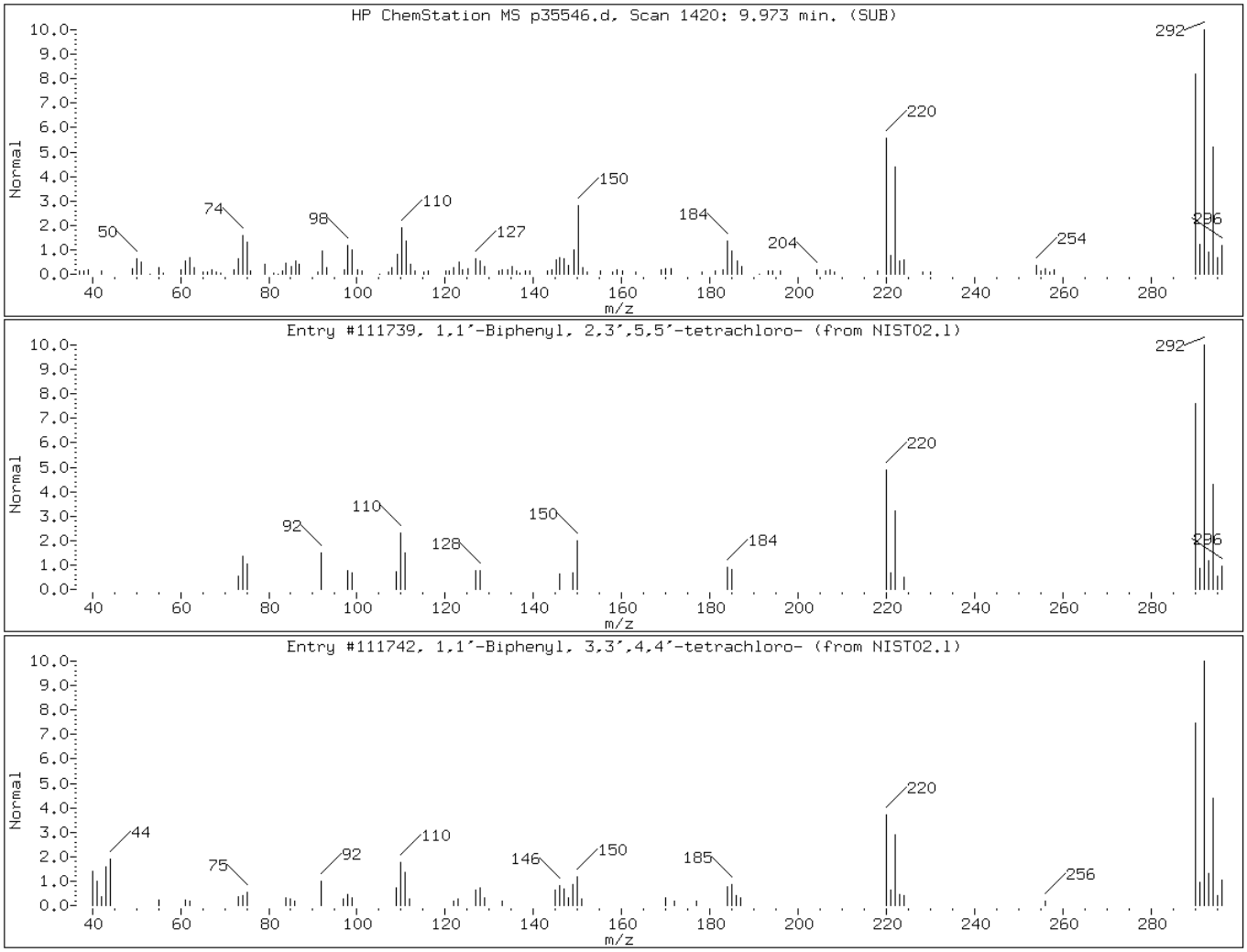
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 9.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	98	C12H6Cl4	290



Data File: p35546.d

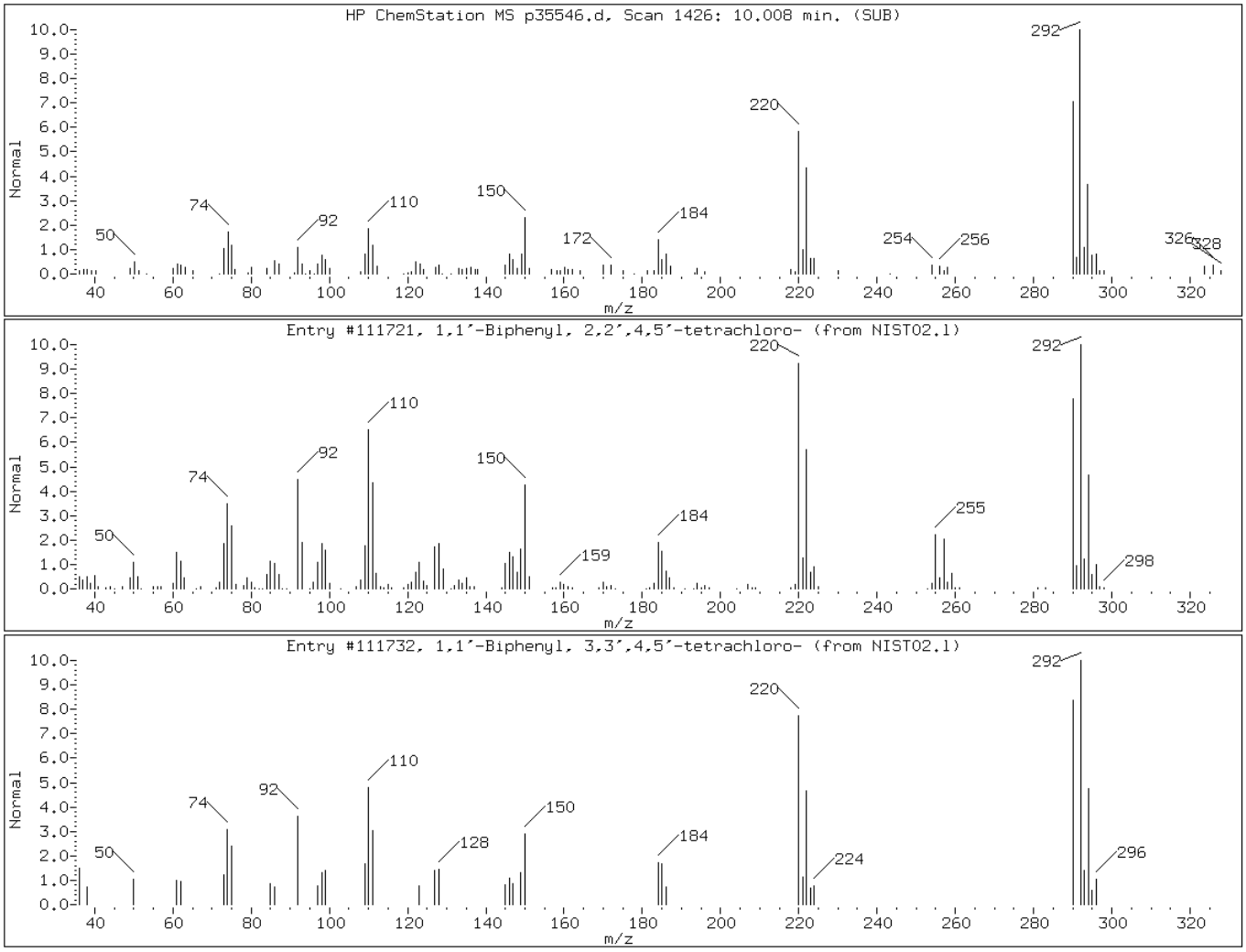
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 10.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,5'-tetrachlo	41464-48-6	NIST02.l	111732	95	C12H6Cl4	290



Data File: p35546.d

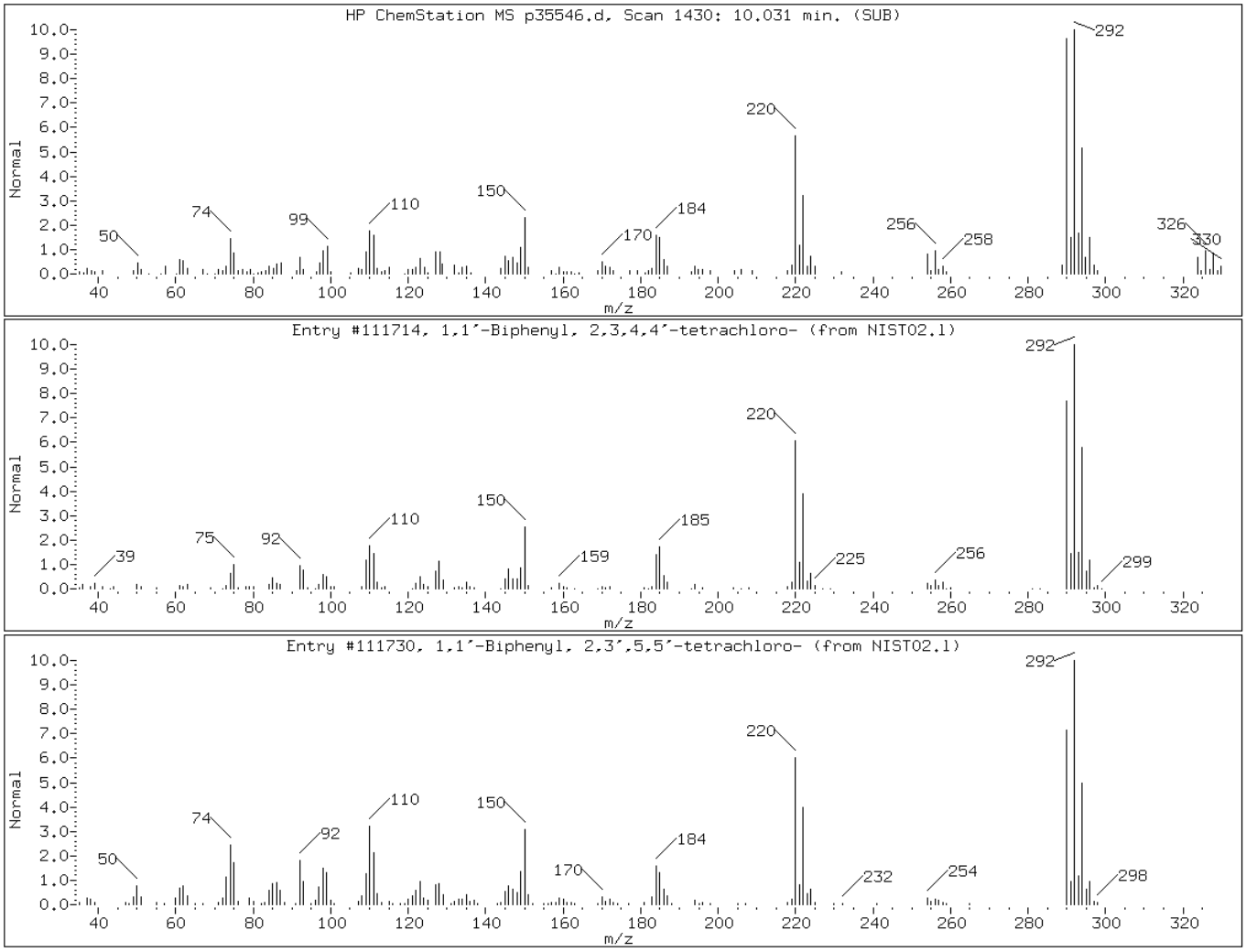
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 10.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-10						
1,1'-Biphenyl, 2,3,4,4'-tetrachlor	33025-41-1	NIST02.l	111714	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: p35546.d

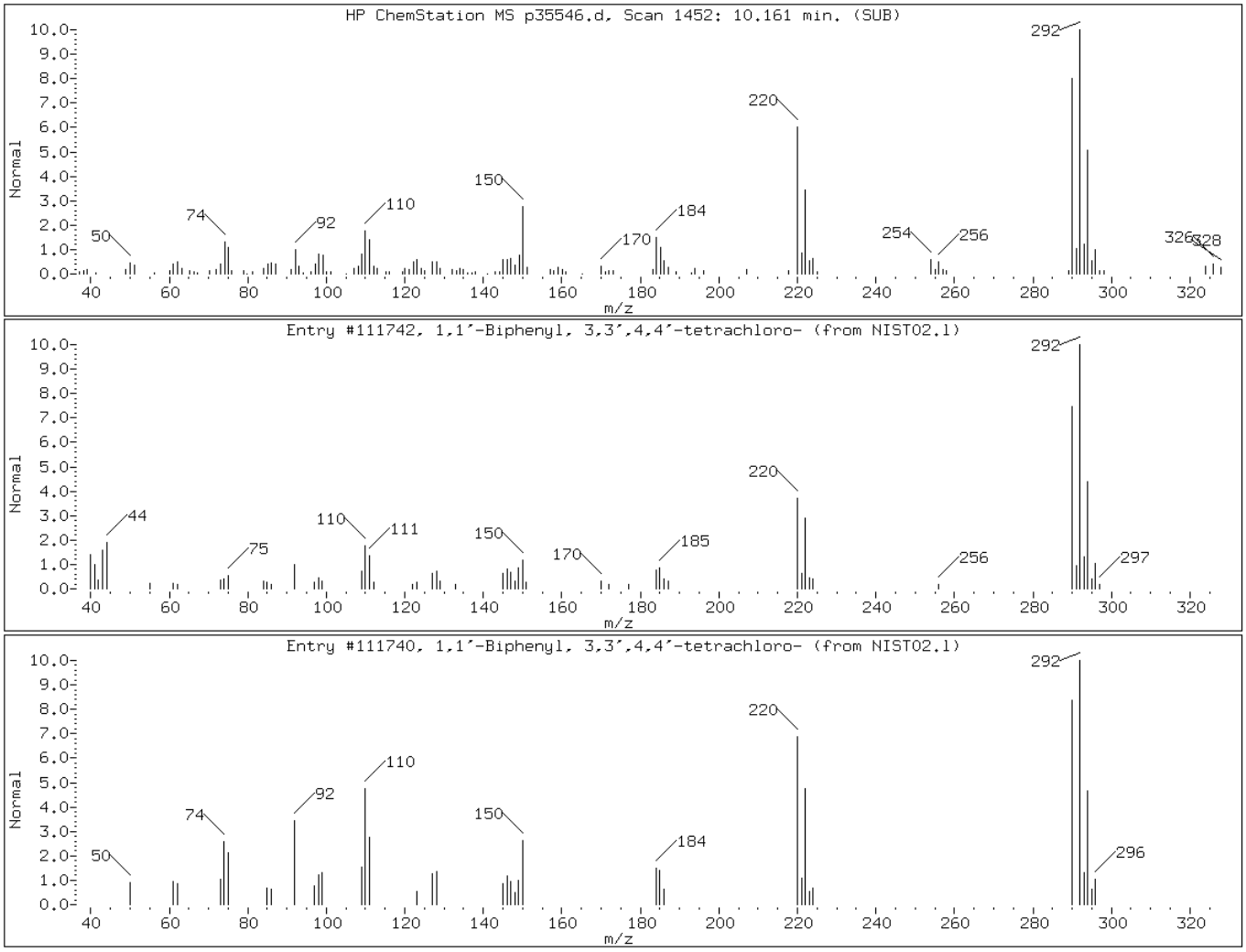
Date: 19-MAR-2013 22:37

Client ID: PMP-22-NE-VS Instrument: BNAMS10.i

Sample Info: 460-52450-F-11-E Operator: BNAMS 4

Retention Time: 10.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-11						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111740	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD | Lab Sample ID: 460-52450-12

Matrix: Solid | Lab File ID: p35530.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 15:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.9	U	34	3.9
95-50-1	1,2-Dichlorobenzene	40	U	340	40
541-73-1	1,3-Dichlorobenzene	31	U	340	31
106-46-7	1,4-Dichlorobenzene	39	U	340	39
121-14-2	2,4-Dinitrotoluene	11	U	70	11
606-20-2	2,6-Dinitrotoluene	10	U	70	10
91-58-7	2-Chloronaphthalene	38	U	340	38
91-57-6	2-Methylnaphthalene	44	U	340	44
88-74-4	2-Nitroaniline	140	U	700	140
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
99-09-2	3-Nitroaniline	120	U	700	120
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
106-47-8	4-Chloroaniline	91	U	340	91
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
83-32-9	Acenaphthene	50	U	340	50
208-96-8	Acenaphthylene	41	U	340	41
120-12-7	Anthracene	42	U	340	42
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	340	26
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	340	38
111-91-1	Bis(2-chloroethoxy)methane	45	U	340	45
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
85-68-7	Butyl benzyl phthalate	32	U	340	32
86-74-8	Carbazole	41	U	340	41
218-01-9	Chrysene	40	U	340	40
53-70-3	Dibenz(a,h)anthracene	4.4	U	34	4.4
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
131-11-3	Dimethyl phthalate	41	U	340	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD | Lab Sample ID: 460-52450-12

Matrix: Solid | Lab File ID: p35530.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 15:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	340	43
117-84-0	Di-n-octyl phthalate	22	U	340	22
206-44-0	Fluoranthene	46	U	340	46
86-73-7	Fluorene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
77-47-4	Hexachlorocyclopentadiene	41	U	340	41
67-72-1	Hexachloroethane	3.8	U	34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
78-59-1	Isophorone	42	U	340	42
91-20-3	Naphthalene	40	U	340	40
98-95-3	Nitrobenzene	4.9	U	34	4.9
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	34	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-01-8	Phenanthrene	44	U	340	44
129-00-0	Pyrene	29	U	340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	70		40-109
4165-60-0	Nitrobenzene-d5	73		38-105
1718-51-0	Terphenyl-d14	64		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD | Lab Sample ID: 460-52450-12

Matrix: Solid | Lab File ID: p35530.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 15:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35530.d
Report Date: 20-Mar-2013 04:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35530.d
Lab Smp Id: 460-52450-F-12-E Client Smp ID: PMP-22-NE-VD
Inj Date : 19-MAR-2013 15:54
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-12-E
Misc Info : 460-52450-F-12-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 7
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	15.02000	Weight of sample extracted (g)
M	4.26716	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.157	3.110	(0.717)	2039509	63.7634	4400
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	2287104	62.3810	4300
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	943412	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1131481	36.7409	2600
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2898069	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.764	6.770	(0.909)	1755318	34.8754	2400
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	5524	0.14299	9.9(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1483817	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	361784	58.6474	4100
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1548488	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	804111	31.9393	2200
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	795189	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	683746	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35530.d
Report Date: 20-Mar-2013 04:38

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p35530.d

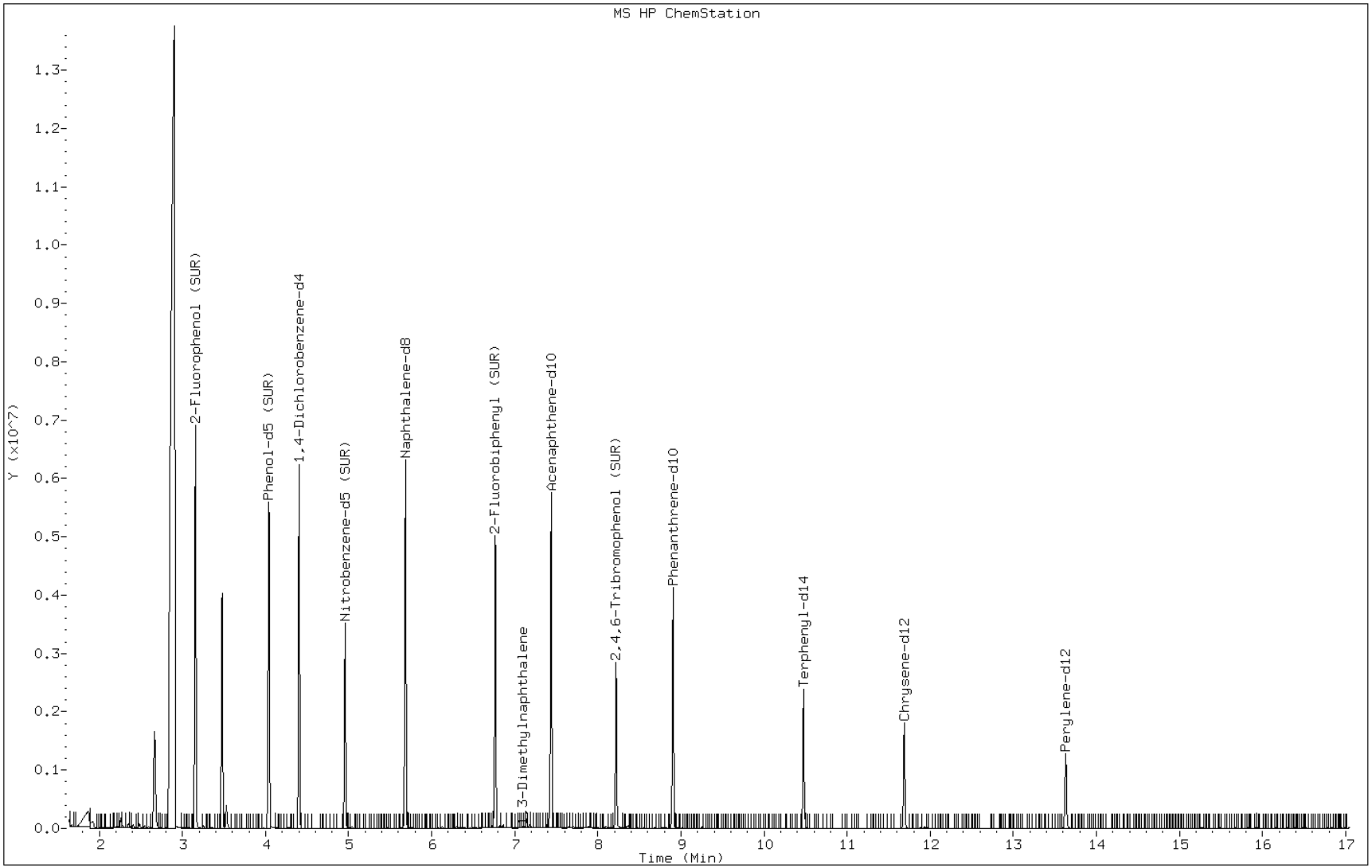
Date: 19-MAR-2013 15:54

Client ID: PMP-22-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-12-E

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT | Lab Sample ID: 460-52450-13

Matrix: Solid | Lab File ID: p35531.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 16:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.2	U	37	4.2
95-50-1	1,2-Dichlorobenzene	43	U	370	43
541-73-1	1,3-Dichlorobenzene	33	U	370	33
106-46-7	1,4-Dichlorobenzene	41	U	370	41
121-14-2	2,4-Dinitrotoluene	12	U	74	12
606-20-2	2,6-Dinitrotoluene	11	U	74	11
91-58-7	2-Chloronaphthalene	41	U	370	41
91-57-6	2-Methylnaphthalene	47	U	370	47
88-74-4	2-Nitroaniline	150	U	740	150
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
99-09-2	3-Nitroaniline	130	U	740	130
101-55-3	4-Bromophenyl phenyl ether	36	U	370	36
106-47-8	4-Chloroaniline	97	U	370	97
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	740	110
83-32-9	Acenaphthene	53	U	370	53
208-96-8	Acenaphthylene	43	U	370	43
120-12-7	Anthracene	45	U	370	45
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
108-60-1	bis (2-chloroisopropyl) ether	41	U	370	41
111-91-1	Bis(2-chloroethoxy)methane	47	U	370	47
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
86-74-8	Carbazole	43	U	370	43
218-01-9	Chrysene	43	U	370	43
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	43	U	370	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT | Lab Sample ID: 460-52450-13

Matrix: Solid | Lab File ID: p35531.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 16:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	45	U	370	45
117-84-0	Di-n-octyl phthalate	23	U	370	23
206-44-0	Fluoranthene	49	U	370	49
86-73-7	Fluorene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
67-72-1	Hexachloroethane	4.1	U	37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	37	6.8
78-59-1	Isophorone	44	U	370	44
91-20-3	Naphthalene	42	U	370	42
98-95-3	Nitrobenzene	5.2	U	37	5.2
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	37	6.1
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-01-8	Phenanthrene	47	U	370	47
129-00-0	Pyrene	31	U	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	76		40-109
4165-60-0	Nitrobenzene-d5	75		38-105
1718-51-0	Terphenyl-d14	70		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT | Lab Sample ID: 460-52450-13

Matrix: Solid | Lab File ID: p35531.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 16:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35531.d
Report Date: 22-Mar-2013 09:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35531.d
Lab Smp Id: 460-52450-F-13-E Client Smp ID: PMP-22-NE-WT
Inj Date : 19-MAR-2013 16:19
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-13-E
Misc Info : 460-52450-F-13-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 8
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	15.03000	Weight of sample extracted (g)
M	9.98217	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.157	3.110	(0.717)	1943387	64.4055	4800
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	2209665	63.8867	4700
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	889988	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1082214	37.5566	2800
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2711676	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1681681	37.9602	2800
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1306047	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.221	8.221	(1.105)	356581	65.6718	4800
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1382445	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	754867	34.9731	2600
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	681735	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	632627	40.0000	

Data File: p35531.d

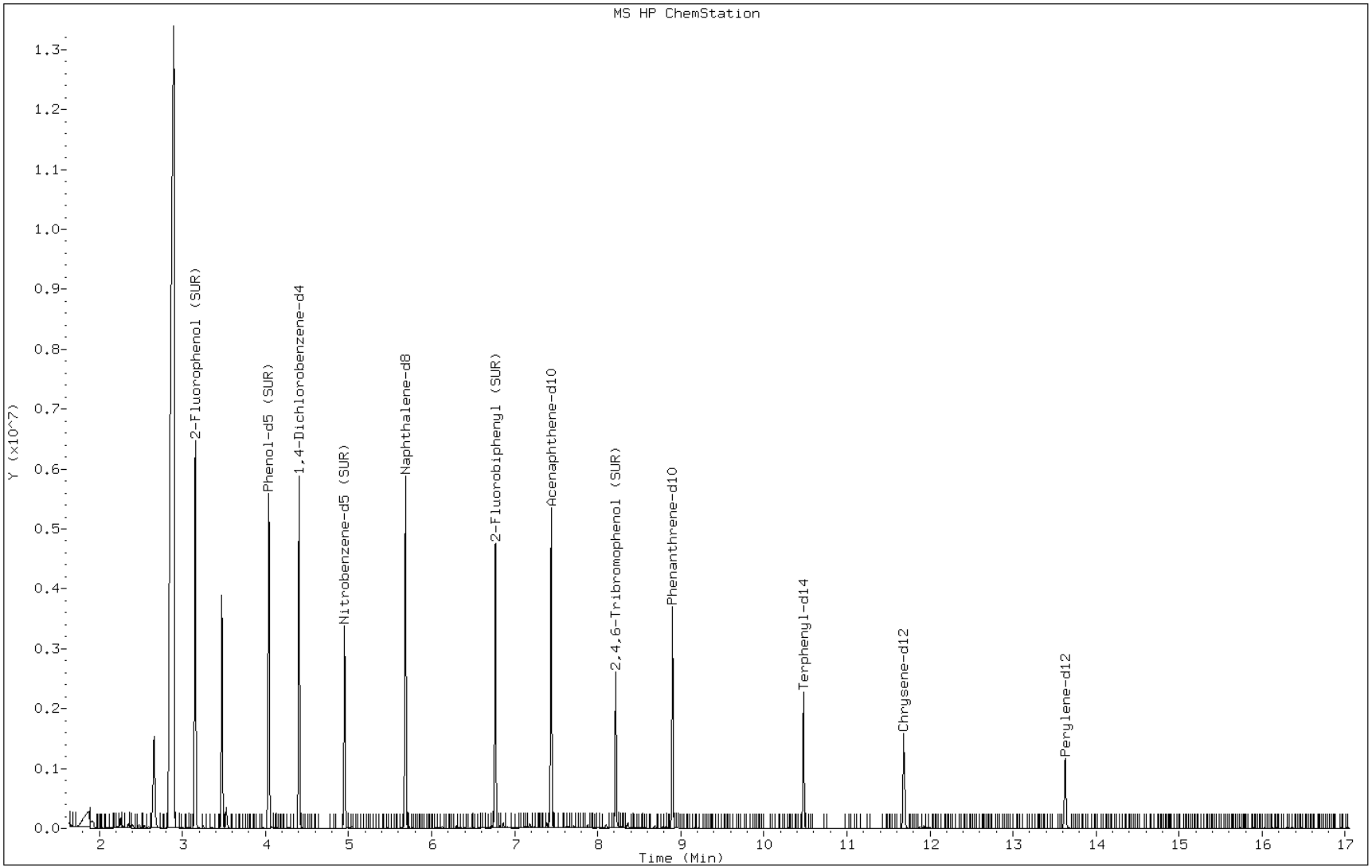
Date: 19-MAR-2013 16:19

Client ID: PMP-22-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-13-E

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD | Lab Sample ID: 460-52450-14

Matrix: Solid | Lab File ID: p35532.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 16:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.9	U	35	3.9
95-50-1	1,2-Dichlorobenzene	40	U	350	40
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	39	U	350	39
121-14-2	2,4-Dinitrotoluene	11	U	70	11
606-20-2	2,6-Dinitrotoluene	10	U	70	10
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	140	U	700	140
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
99-09-2	3-Nitroaniline	120	U	700	120
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
106-47-8	4-Chloroaniline	92	U	350	92
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	41	U	350	41
120-12-7	Anthracene	42	U	350	42
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	350	38
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	41	U	350	41
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
131-11-3	Dimethyl phthalate	41	U	350	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD | Lab Sample ID: 460-52450-14

Matrix: Solid | Lab File ID: p35532.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 16:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	46	U	350	46
86-73-7	Fluorene	44	U	350	44
118-74-1	Hexachlorobenzene	4.7	U	35	4.7
87-68-3	Hexachlorobutadiene	8.5	U	70	8.5
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	42	U	350	42
91-20-3	Naphthalene	40	U	350	40
98-95-3	Nitrobenzene	4.9	U	35	4.9
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-01-8	Phenanthrene	44	U	350	44
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	75		40-109
4165-60-0	Nitrobenzene-d5	79		38-105
1718-51-0	Terphenyl-d14	71		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD | Lab Sample ID: 460-52450-14

Matrix: Solid | Lab File ID: p35532.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 16:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35532.d
Report Date: 22-Mar-2013 09:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35532.d
Lab Smp Id: 460-52450-F-14-E Client Smp ID: PMP-6-NE-VD
Inj Date : 19-MAR-2013 16:44
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-14-E
Misc Info : 460-52450-F-14-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 9
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	4.78632	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.151	3.110	(0.716)	2147063	69.5147	4900
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	2480914	70.0751	4900
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	910995	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1192184	39.4580	2800
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2843283	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	5966	0.12200	8.5(aH)
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1881158	37.4402	2600
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	10495	0.27212	19(aH)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1481259	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.221	8.221	(1.105)	409923	66.5658	4700
115 n-Octadecane	57	8.786	8.791	(0.987)	11521	0.44742	31(a)
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1573988	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	872950	35.7007	2500

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35532.d
Report Date: 22-Mar-2013 09:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	772311	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	653953	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p35532.d

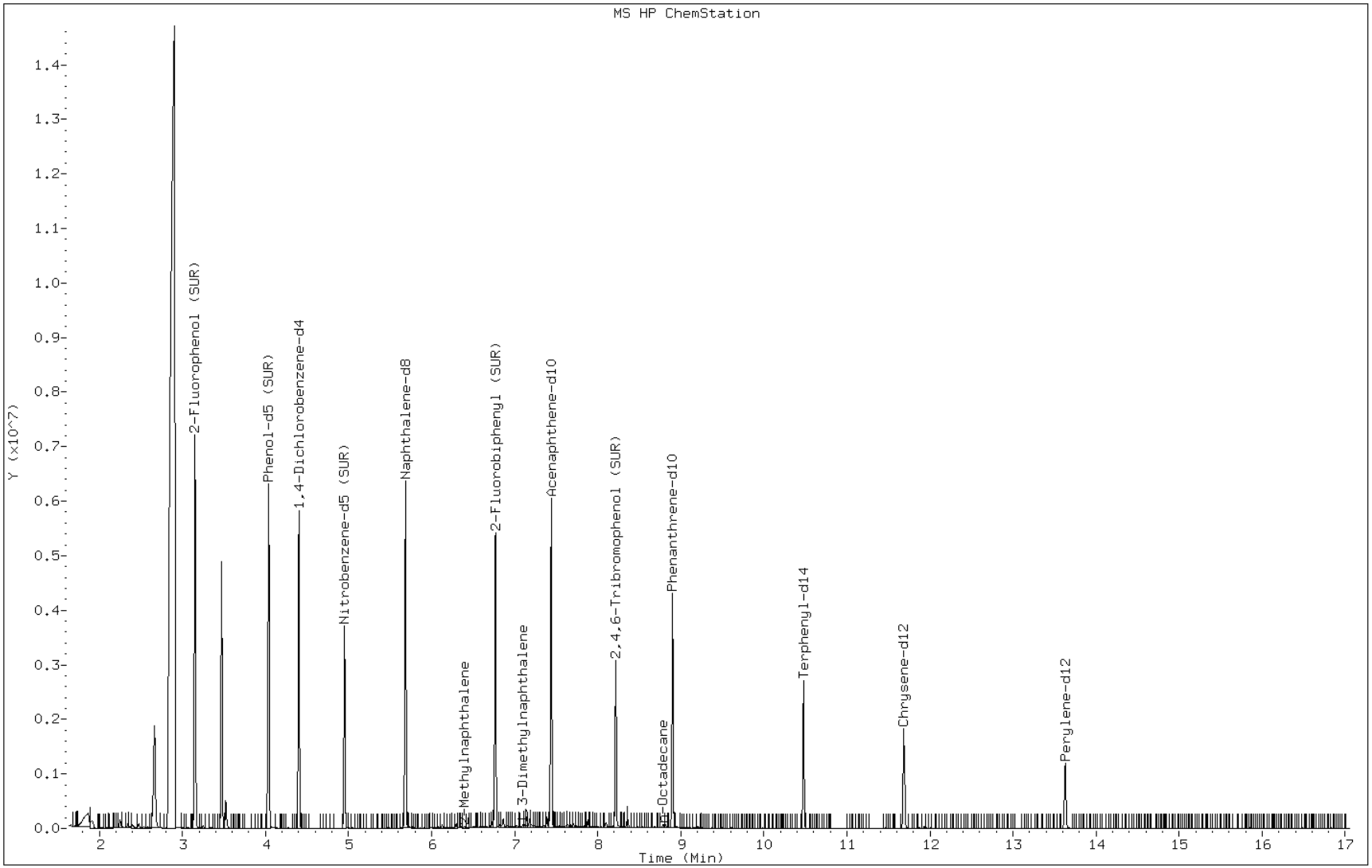
Date: 19-MAR-2013 16:44

Client ID: PMP-6-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-14-E

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT | Lab Sample ID: 460-52450-15

Matrix: Solid | Lab File ID: p35533.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 17:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.2	U	37	4.2
95-50-1	1,2-Dichlorobenzene	43	U	370	43
541-73-1	1,3-Dichlorobenzene	33	U	370	33
106-46-7	1,4-Dichlorobenzene	42	U	370	42
121-14-2	2,4-Dinitrotoluene	12	U	75	12
606-20-2	2,6-Dinitrotoluene	11	U	75	11
91-58-7	2-Chloronaphthalene	41	U	370	41
91-57-6	2-Methylnaphthalene	47	U	370	47
88-74-4	2-Nitroaniline	150	U	750	150
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
99-09-2	3-Nitroaniline	130	U	750	130
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
106-47-8	4-Chloroaniline	98	U	370	98
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	750	110
83-32-9	Acenaphthene	54	U	370	54
208-96-8	Acenaphthylene	44	U	370	44
120-12-7	Anthracene	45	U	370	45
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
108-60-1	bis (2-chloroisopropyl) ether	41	U	370	41
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
86-74-8	Carbazole	44	U	370	44
218-01-9	Chrysene	43	U	370	43
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	44	U	370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT | Lab Sample ID: 460-52450-15

Matrix: Solid | Lab File ID: p35533.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 17:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	45	U	370	45
117-84-0	Di-n-octyl phthalate	23	U	370	23
206-44-0	Fluoranthene	49	U	370	49
86-73-7	Fluorene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
67-72-1	Hexachloroethane	4.1	U	37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	37	6.8
78-59-1	Isophorone	45	U	370	45
91-20-3	Naphthalene	43	U	370	43
98-95-3	Nitrobenzene	5.2	U	37	5.2
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	37	6.1
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-01-8	Phenanthrene	47	U	370	47
129-00-0	Pyrene	31	U	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	79		40-109
4165-60-0	Nitrobenzene-d5	81		38-105
1718-51-0	Terphenyl-d14	64		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT | Lab Sample ID: 460-52450-15

Matrix: Solid | Lab File ID: p35533.d

Analysis Method: 8270C | Date Collected: 03/14/2013 11:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 17:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 4 | TIC Result Total: 3240

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.18	430	J
	Unknown Alkane-2	8.36	1900	J
593-45-3	n-Octadecane	8.82	480	
	Trichloro-1,1-biphenyl isomer	9.25	430	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35533.d
Report Date: 20-Mar-2013 04:44

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35533.d
Lab Smp Id: 460-52450-F-15-E Client Smp ID: PMP-6-NE-WT
Inj Date : 19-MAR-2013 17:10
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-15-E
Misc Info : 460-52450-F-15-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 10
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	15.04000	Weight of sample extracted (g)
M	10.44521	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.163	3.110	(0.718)	2243270	71.8796	5300
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	2585937	72.2873	5400
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	920500	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1239770	40.4480	3000
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2884402	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1903032	39.2949	2900
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1427755	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	386643	65.1382	4800
115 n-Octadecane	57	8.821	8.791	(0.991)	153903	6.46081	480
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1456095	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	862226	32.1855	2400
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	846137	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	752643	40.0000	

Data File: p35533.d

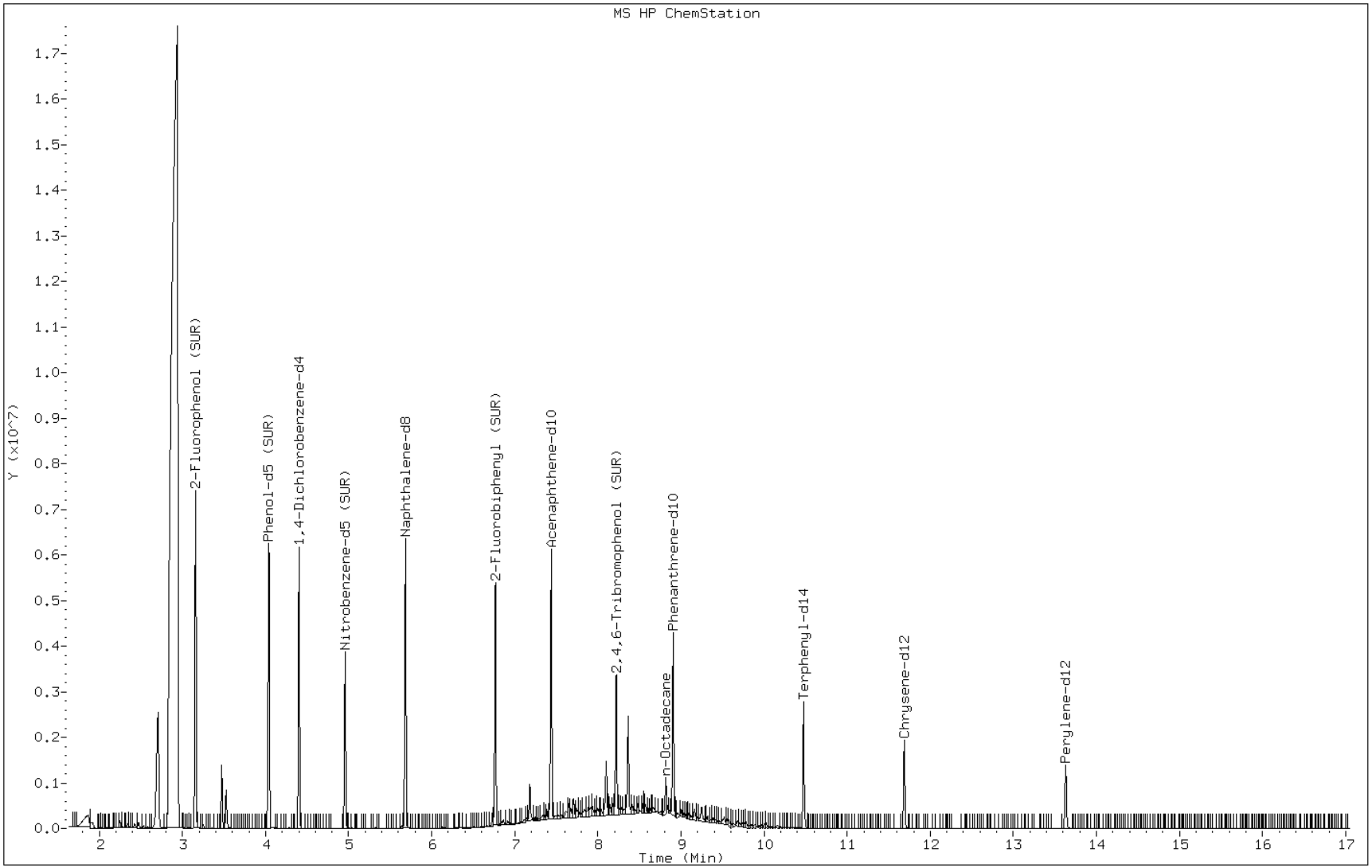
Date: 19-MAR-2013 17:10

Client ID: PMP-6-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-15-E

Operator: BNAMS 4



Data File: p35533.d

Date: 19-MAR-2013 17:10

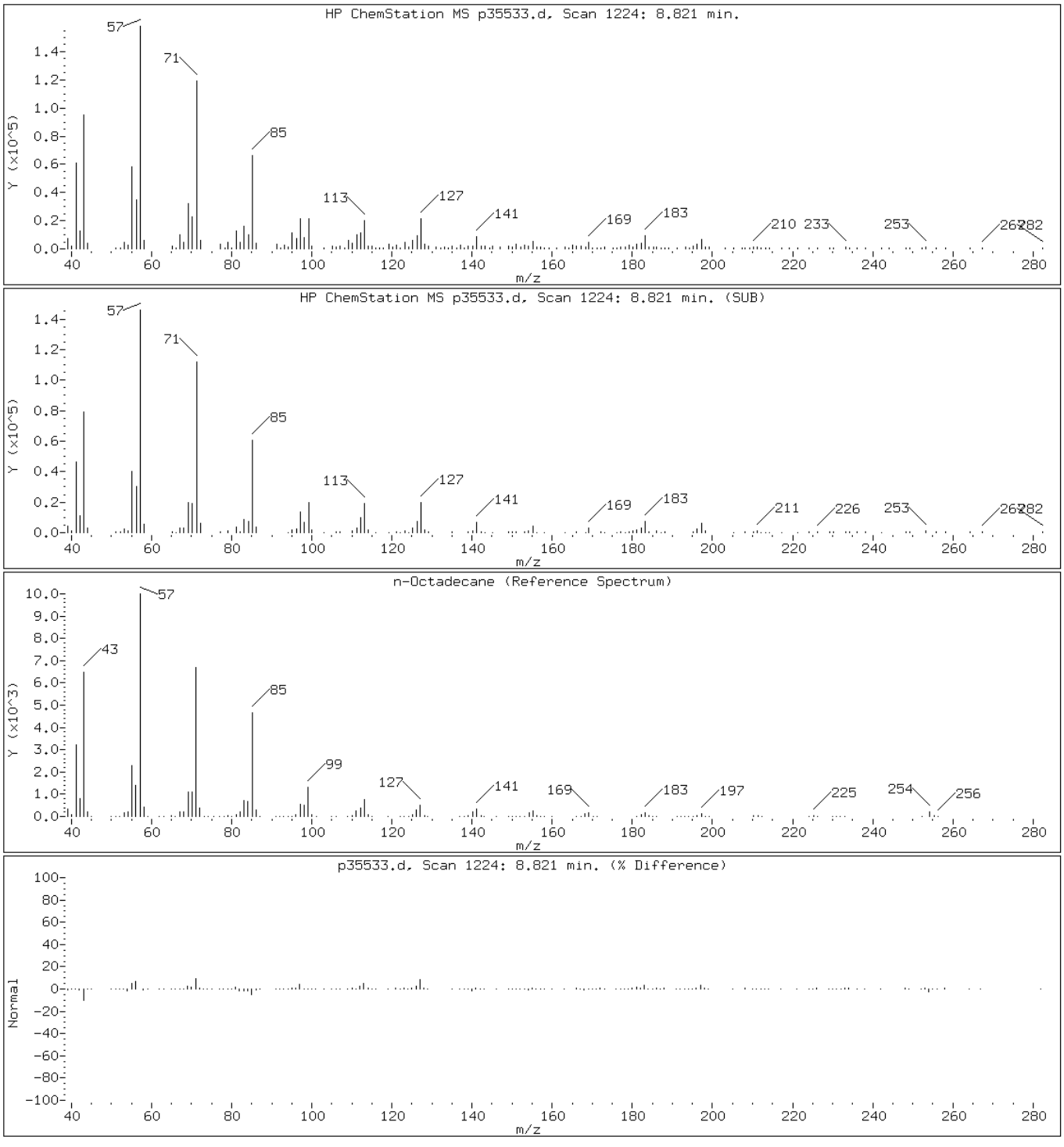
Client ID: PMP-6-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-15-E

Operator: BNAMS 4

115 n-Octadecane



Data File: p35533.d

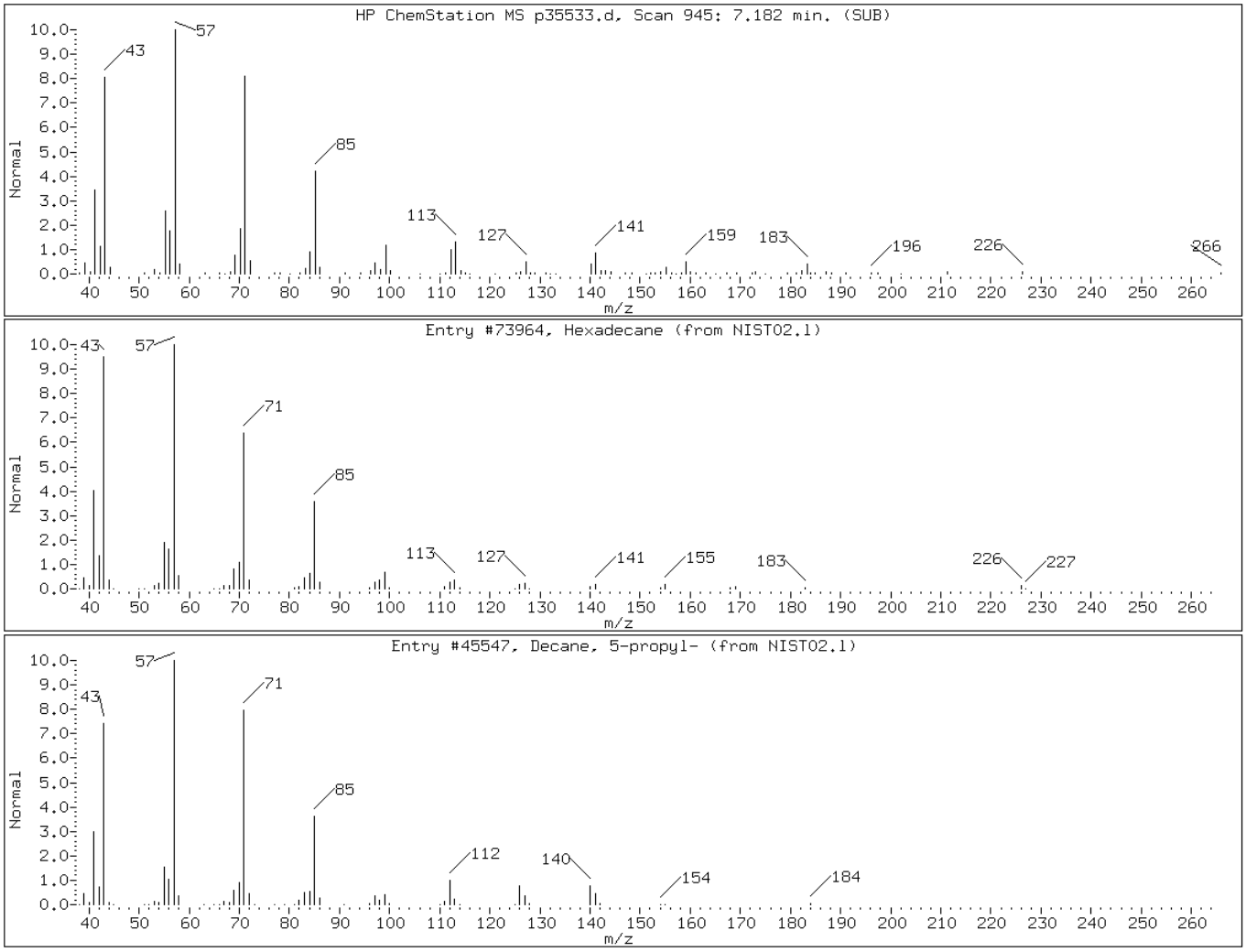
Date: 19-MAR-2013 17:10

Client ID: PMP-6-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-15-E Operator: BNAMS 4

Retention Time: 7.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73964	87	C16H34	226
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	87	C13H28	184



Data File: p35533.d

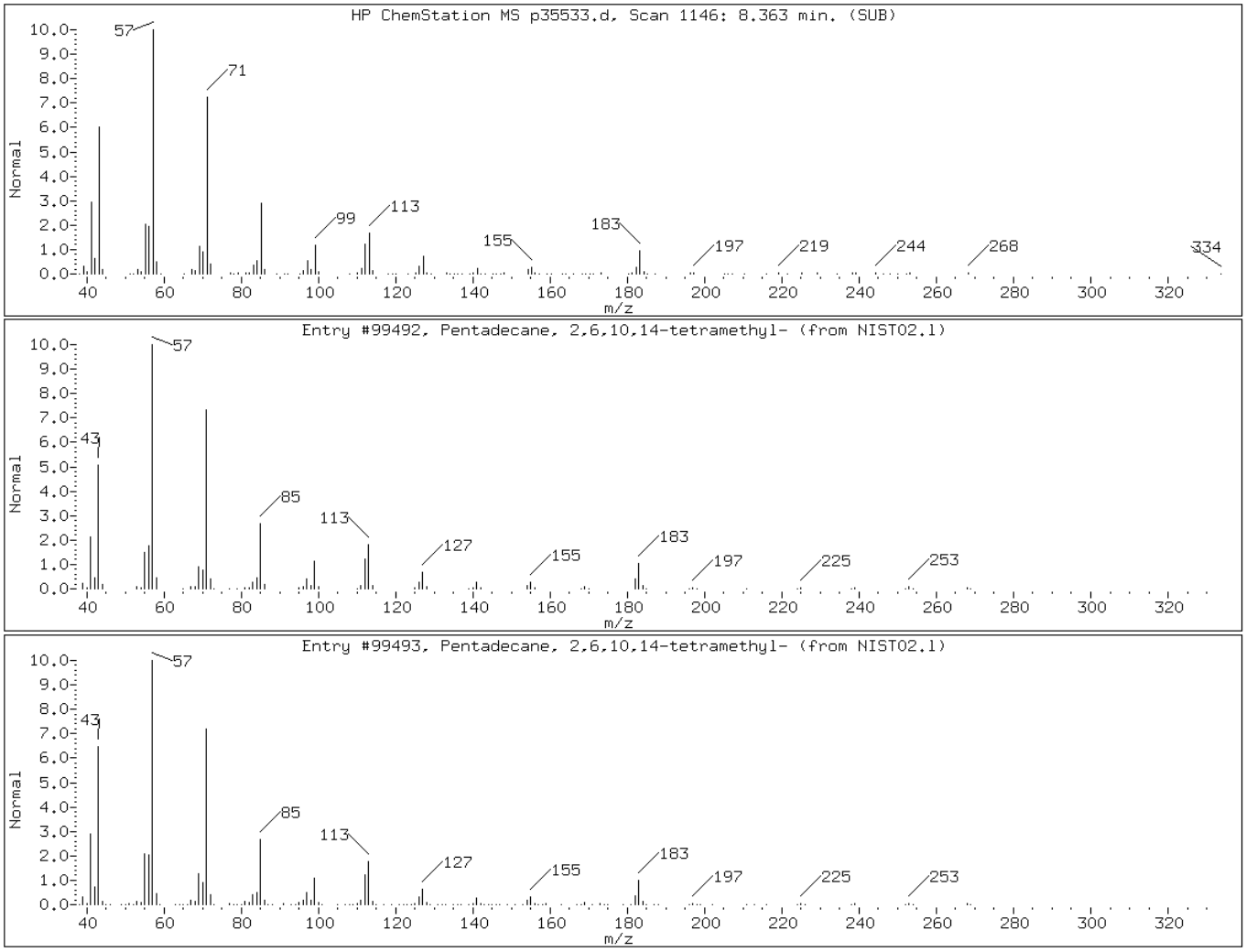
Date: 19-MAR-2013 17:10

Client ID: PMP-6-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-15-E Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	99	C19H40	268



Data File: p35533.d

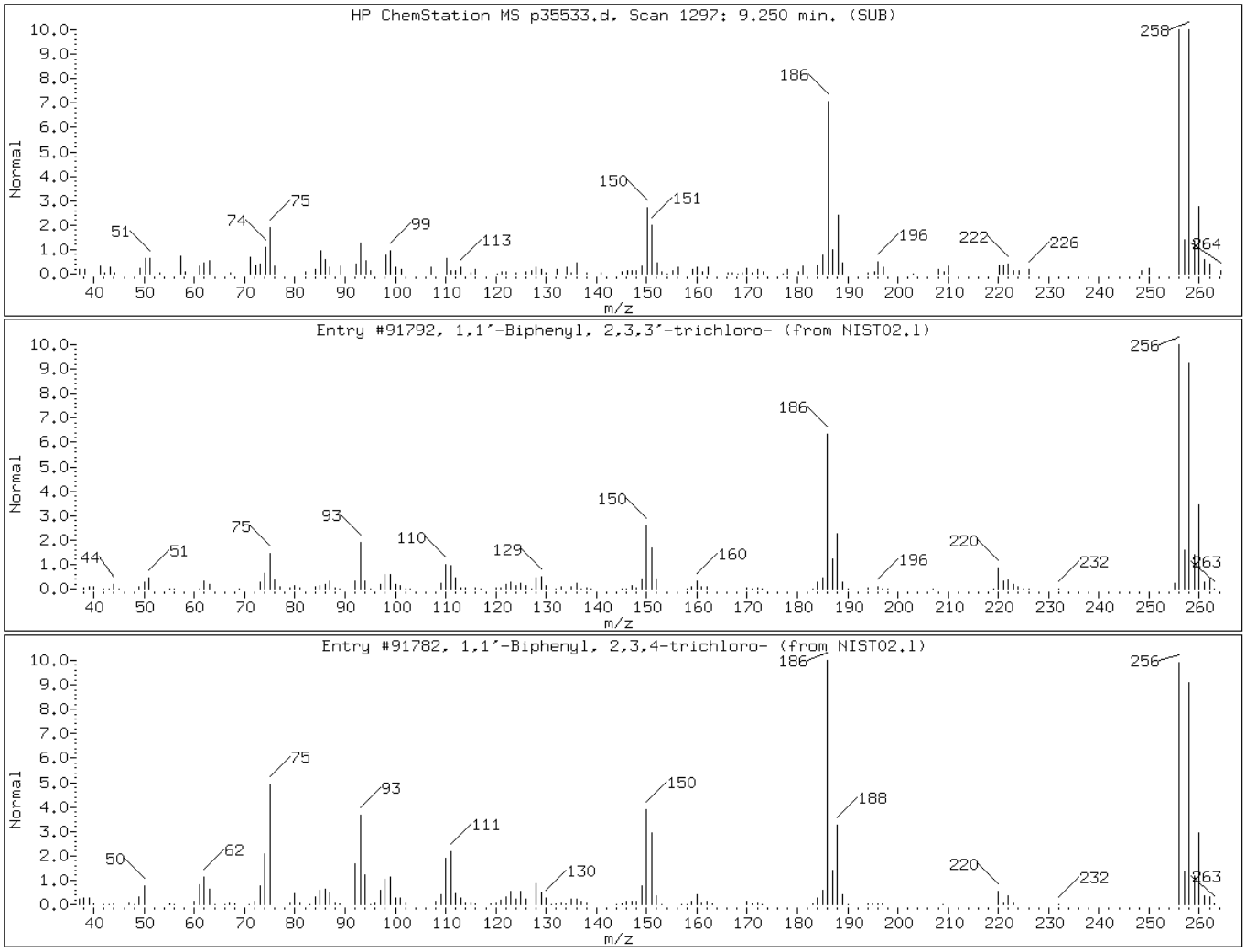
Date: 19-MAR-2013 17:10

Client ID: PMP-6-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-15-E Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	96	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	95	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI | Lab Sample ID: 460-52450-16

Matrix: Solid | Lab File ID: p35534.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 17:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.3	U	38	4.3
95-50-1	1,2-Dichlorobenzene	44	U	380	44
541-73-1	1,3-Dichlorobenzene	35	U	380	35
106-46-7	1,4-Dichlorobenzene	43	U	380	43
121-14-2	2,4-Dinitrotoluene	13	U	78	13
606-20-2	2,6-Dinitrotoluene	12	U	78	12
91-58-7	2-Chloronaphthalene	43	U	380	43
91-57-6	2-Methylnaphthalene	49	U	380	49
88-74-4	2-Nitroaniline	160	U	780	160
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
99-09-2	3-Nitroaniline	140	U	780	140
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
106-47-8	4-Chloroaniline	100	U	380	100
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
83-32-9	Acenaphthene	56	U	380	56
208-96-8	Acenaphthylene	45	U	380	45
120-12-7	Anthracene	47	U	380	47
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
108-60-1	bis (2-chloroisopropyl) ether	42	U	380	42
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
85-68-7	Butyl benzyl phthalate	35	U	380	35
86-74-8	Carbazole	45	U	380	45
218-01-9	Chrysene	45	U	380	45
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
131-11-3	Dimethyl phthalate	45	U	380	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI | Lab Sample ID: 460-52450-16

Matrix: Solid | Lab File ID: p35534.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 17:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	47	U	380	47
117-84-0	Di-n-octyl phthalate	24	U	380	24
206-44-0	Fluoranthene	51	U	380	51
86-73-7	Fluorene	140	J	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
87-68-3	Hexachlorobutadiene	9.3	U	78	9.3
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
67-72-1	Hexachloroethane	4.3	U	38	4.3
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
78-59-1	Isophorone	46	U	380	46
91-20-3	Naphthalene	44	U	380	44
98-95-3	Nitrobenzene	5.4	U	38	5.4
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-01-8	Phenanthrene	1500		380	49
129-00-0	Pyrene	81	J	380	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	84		40-109
4165-60-0	Nitrobenzene-d5	75		38-105
1718-51-0	Terphenyl-d14	62		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI | Lab Sample ID: 460-52450-16

Matrix: Solid | Lab File ID: p35534.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 17:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 70700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	8.19	2200	J
	Unknown Alkane-3	8.37	17000	J
	Unknown Alkane-4	8.55	7400	J
	Unknown-1	8.59	2400	J
	Unknown Alkane-5	8.64	2200	J
	Unknown-2	8.67	5200	J
593-45-3	n-Octadecane	8.83	8800	
	Unknown Alkane-7	9.17	3600	J
	Methyldibenzothiophene isomer	9.24	3100	J
	Trichloro-1,1-biphenyl isomer-1	9.26	3700	J
	Trichloro-1,1-biphenyl isomer-2	9.33	2200	J
	C15H12 PAH-1	9.40	2500	J
	C15H12 PAH-2	9.44	2800	J
	C15H12 PAH-3	9.52	5300	J
	Unknown Alkane-9	9.89	2300	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35534.d
Report Date: 22-Mar-2013 09:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35534.d
Lab Smp Id: 460-52450-F-16-E Client Smp ID: PMP-6-NE-SI
Inj Date : 19-MAR-2013 17:35
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-16-E
Misc Info : 460-52450-F-16-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 11
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	13.61940	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.151	3.110	(0.716)	1742339	63.6094	4900
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	2034771	64.8074	5000
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	807903	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	952275	37.6408	2900
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2380754	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	22488	0.54920	42(aH)
120 1-Methylnaphthalene	142	6.500	6.506	(1.144)	11270	0.27272	21(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1498107	42.0592	3200
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	54905	2.00815	150(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1050088	40.0000	
47 Fluorene	166	7.981	7.981	(1.073)	56265	1.87509	140(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	265883	60.9038	4700
115 n-Octadecane	57	8.833	8.791	(0.991)	1882500	114.449	8800(H)

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35534.d
Report Date: 22-Mar-2013 09:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	8.909	8.903	(1.000)	1005429	40.0000	
52 Phenanthrene	178	8.932	8.927	(1.003)	537913	19.6284	1500
57 Pyrene	202	10.325	10.325	(0.883)	28375	1.04325	80(a)
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	583608	30.8130	2400
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	598229	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	577501	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p35534.d

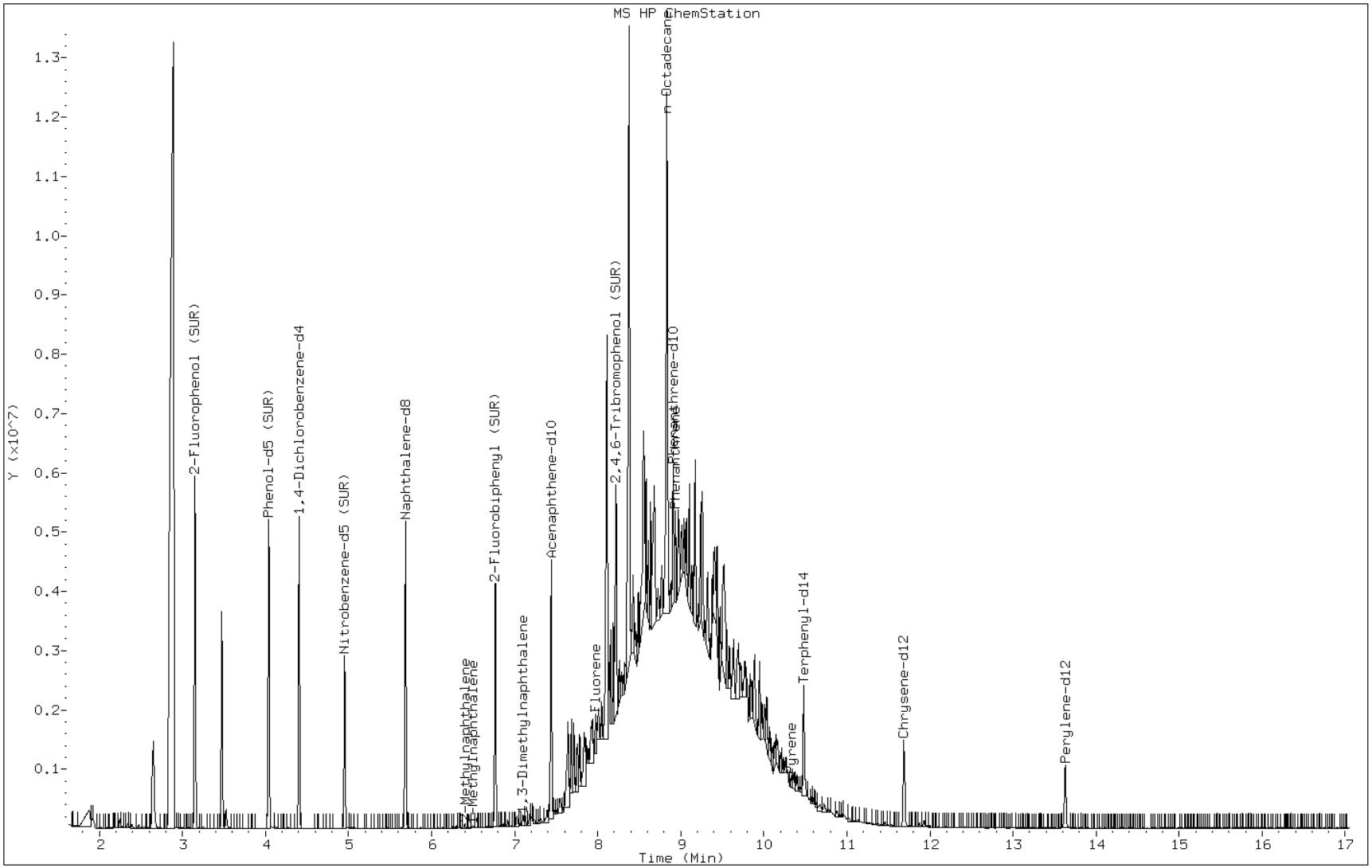
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI

Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E

Operator: BNAMS 4



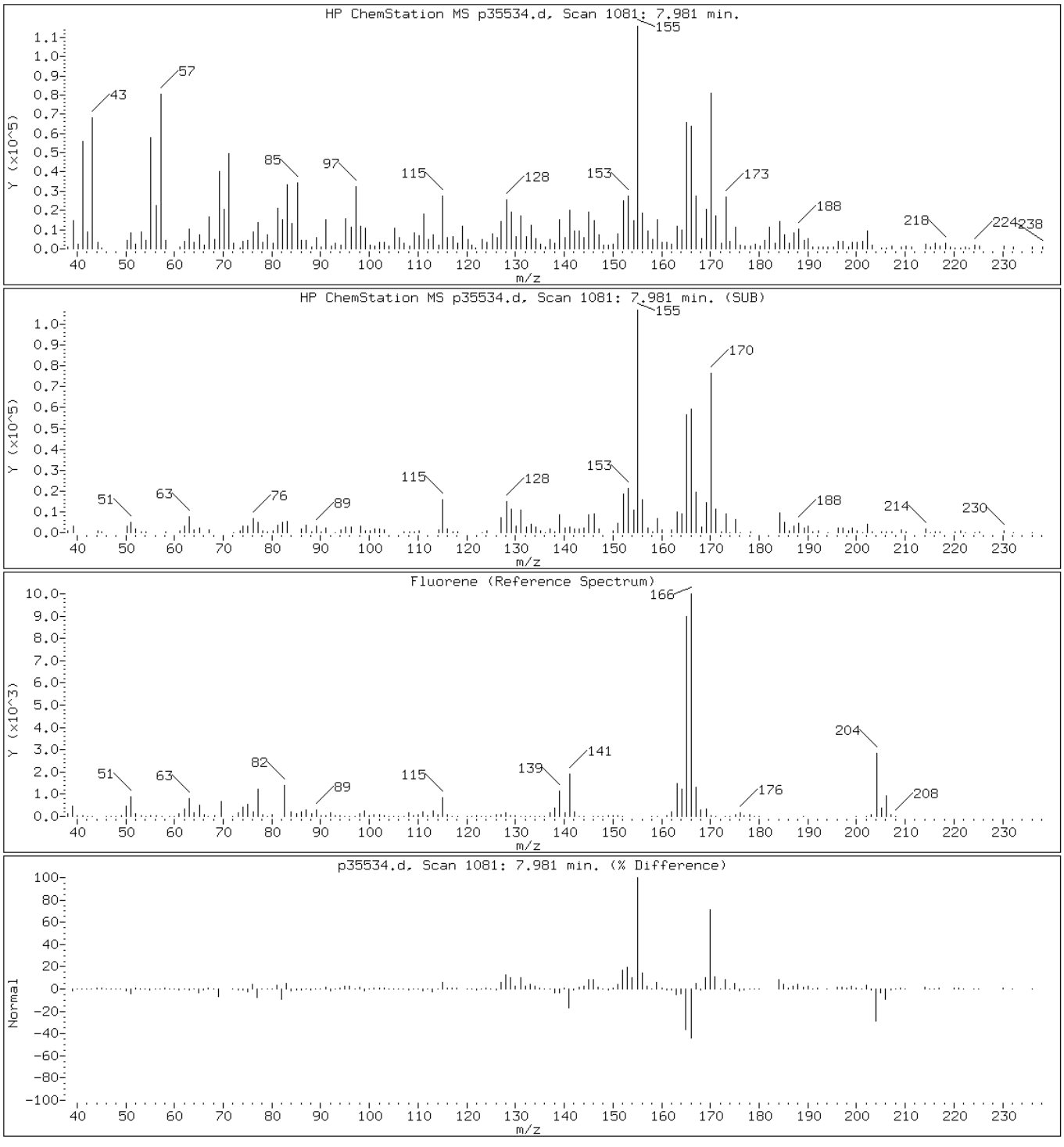
Data File: p35534.d

Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

47 Fluorene



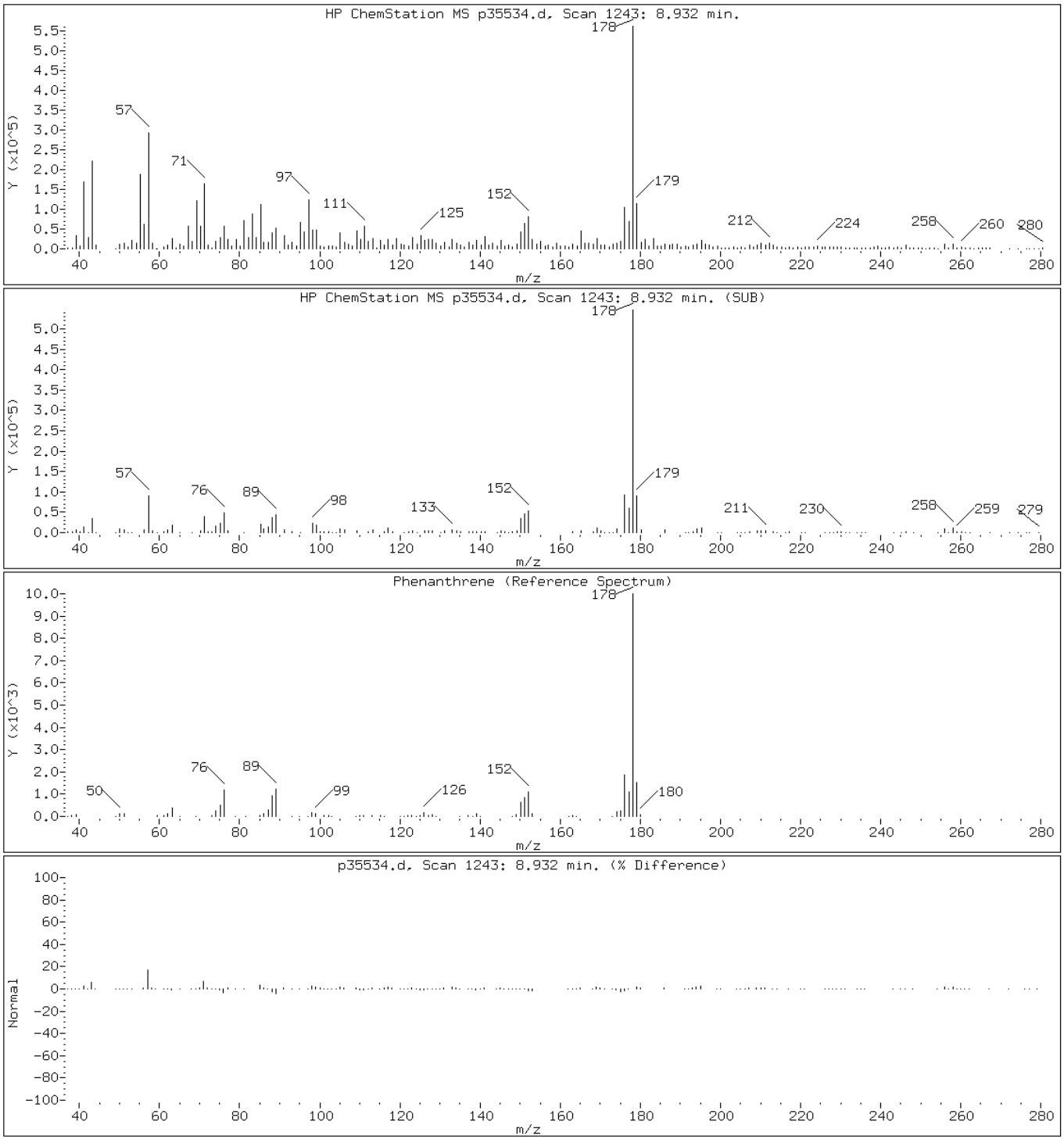
Data File: p35534.d

Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

52 Phenanthrene



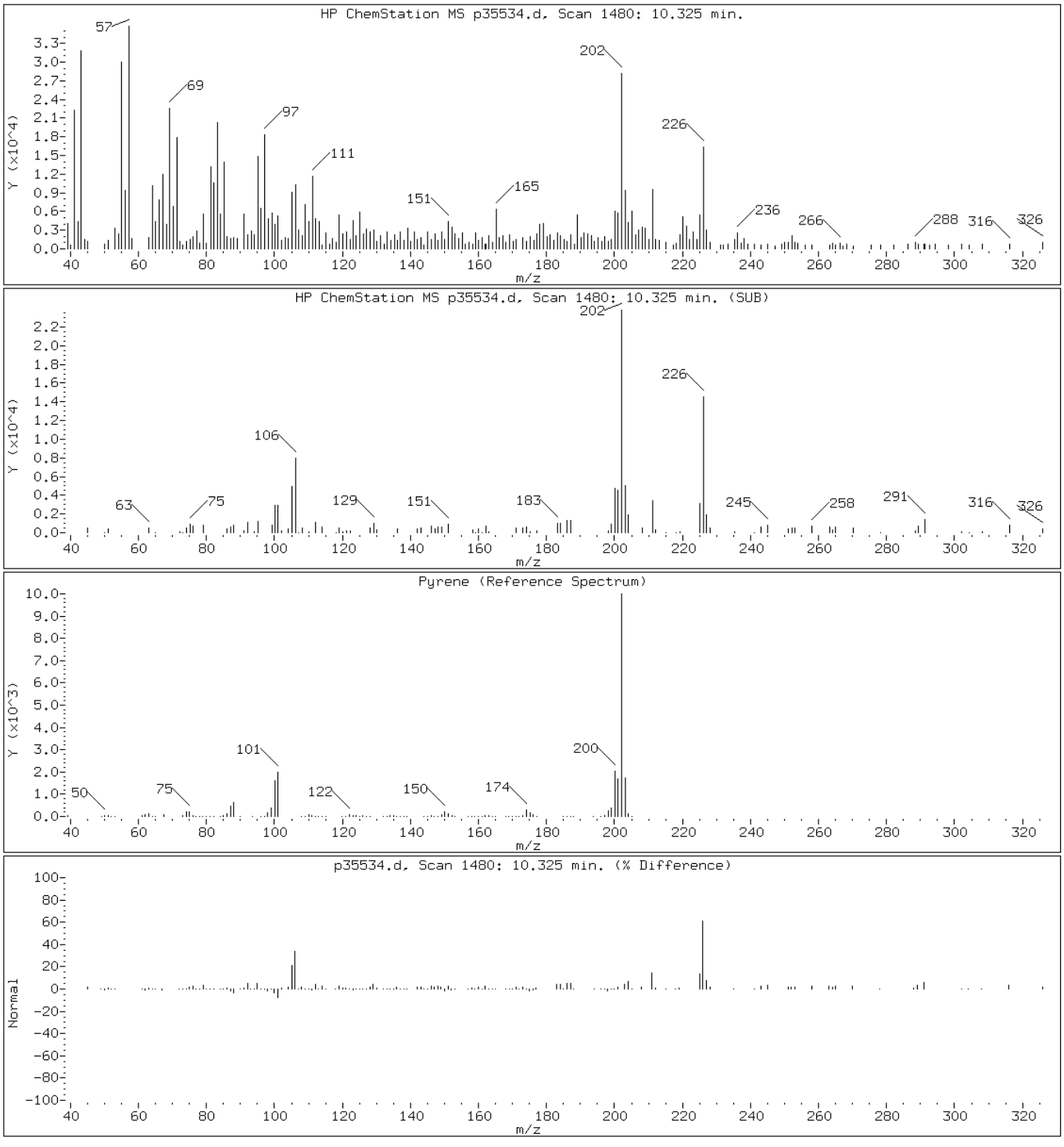
Data File: p35534.d

Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

57 Pyrene



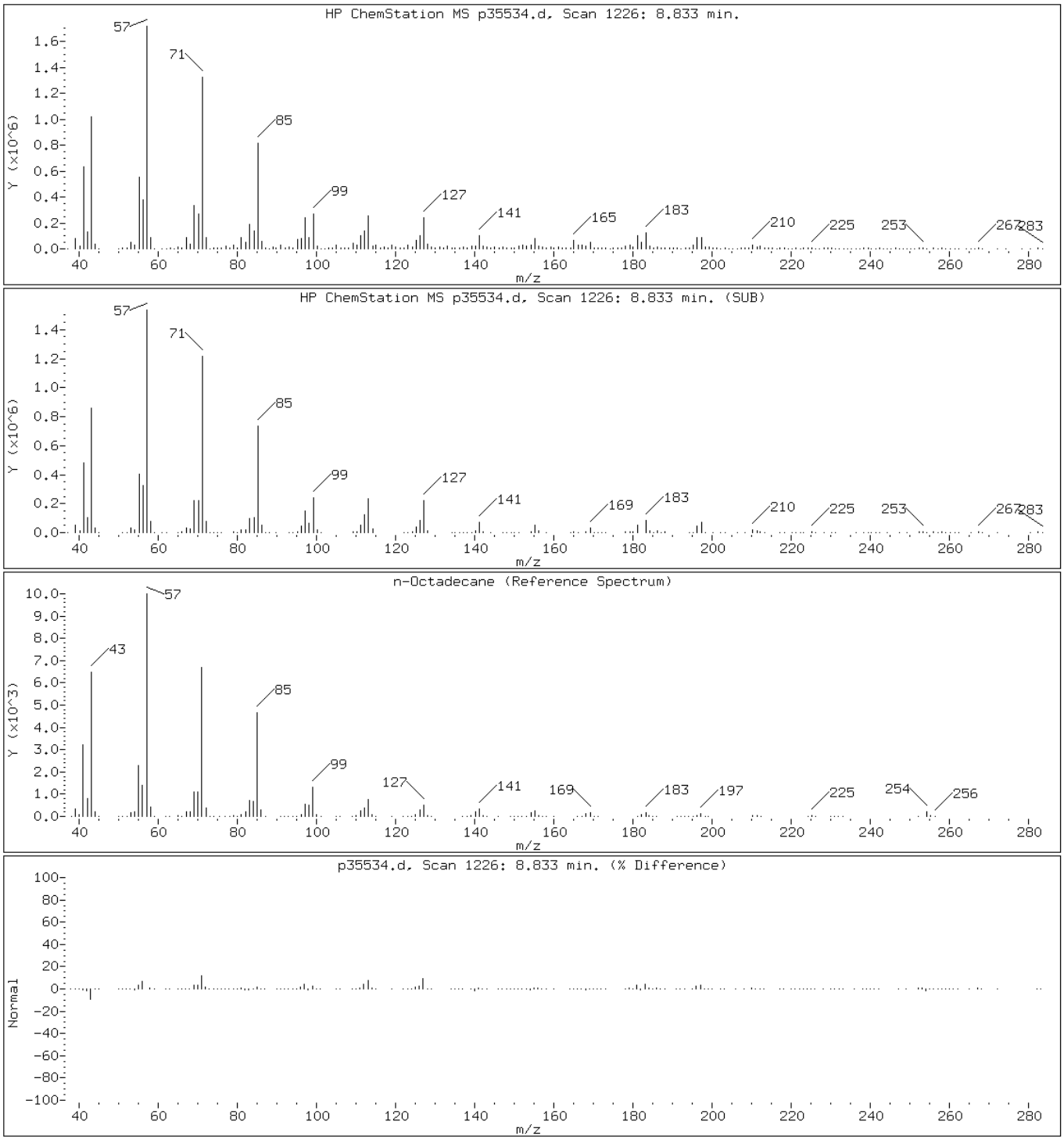
Data File: p35534.d

Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

115 n-Octadecane



Data File: p35534.d

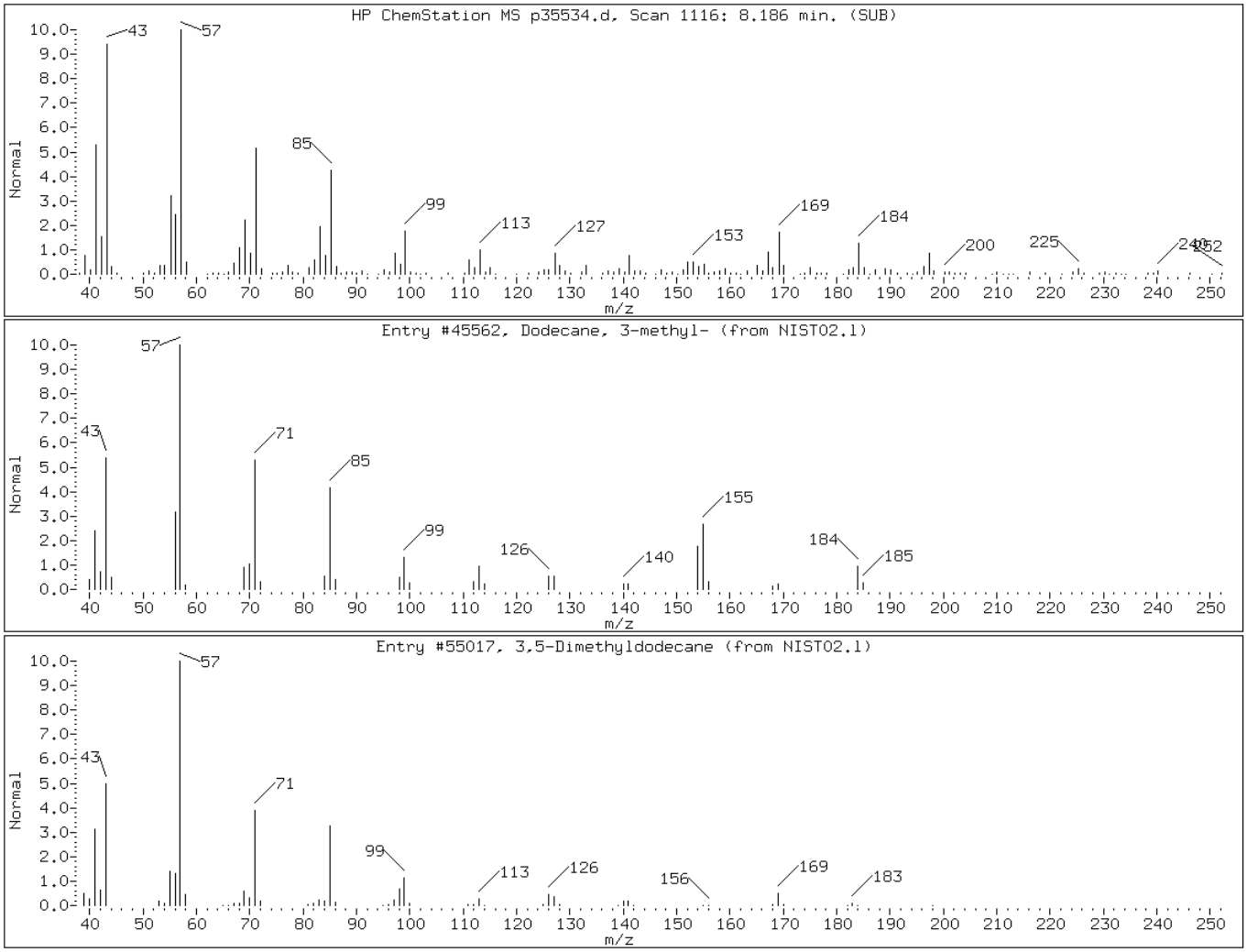
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 8.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 3-methyl-	17312-57-1	NIST02.l	45562	89	C13H28	184
3,5-Dimethyldodecane	107770-99-0	NIST02.l	55017	76	C14H30	198



Data File: p35534.d

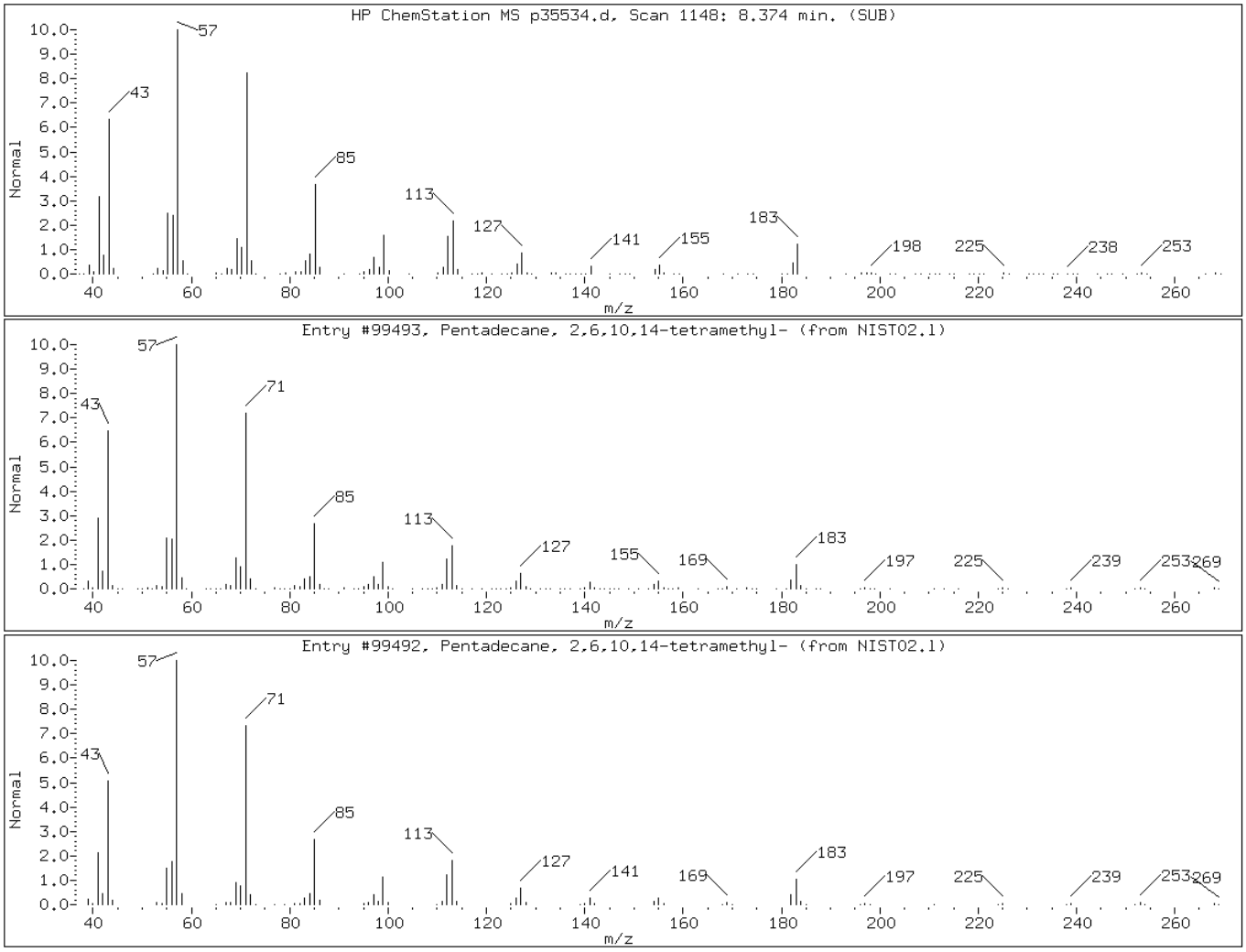
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	98	C19H40	268



Data File: p35534.d

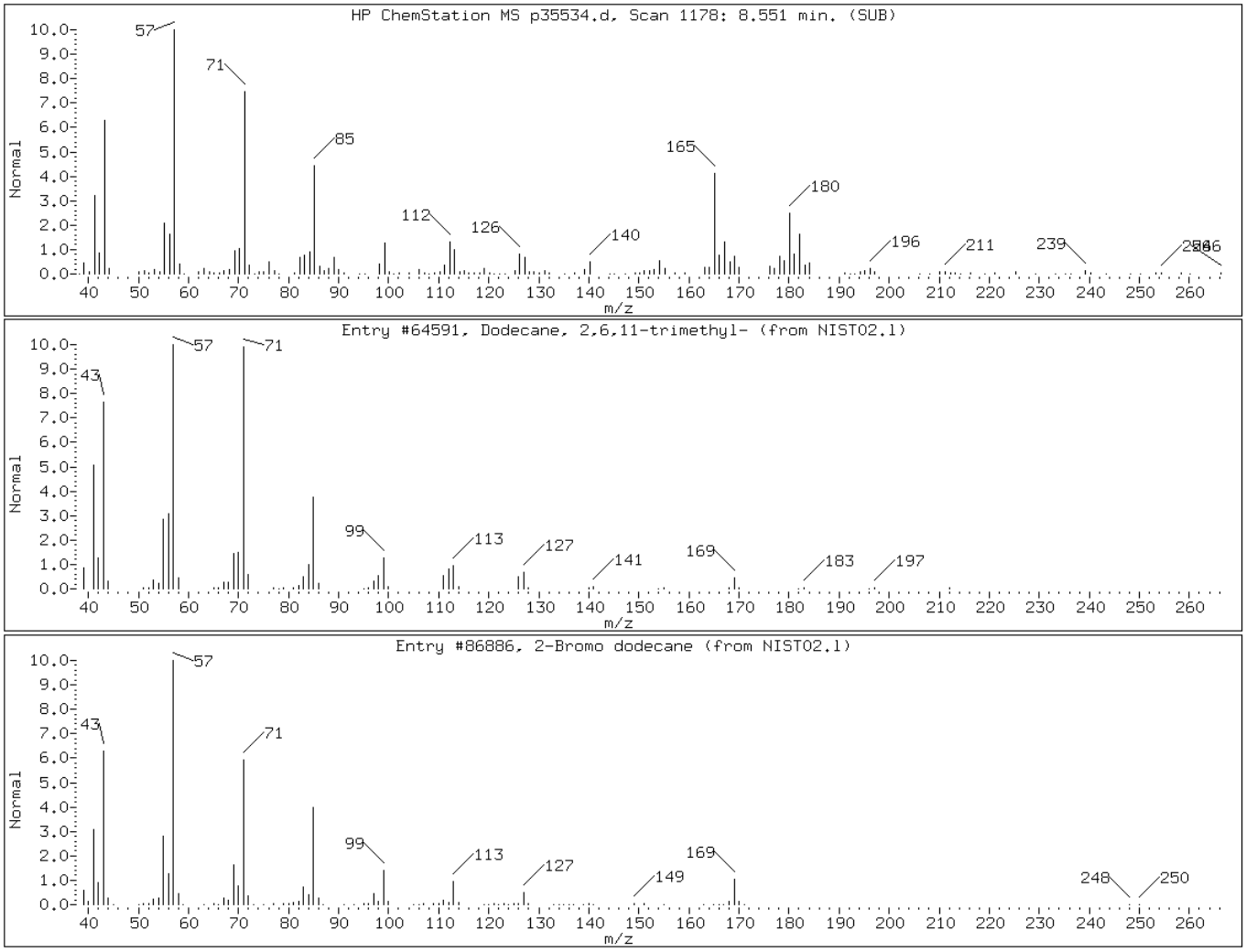
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	86	C15H32	212
2-Bromo dodecane	13187-99-0	NIST02.l	86886	78	C12H25Br	248



Data File: p35534.d

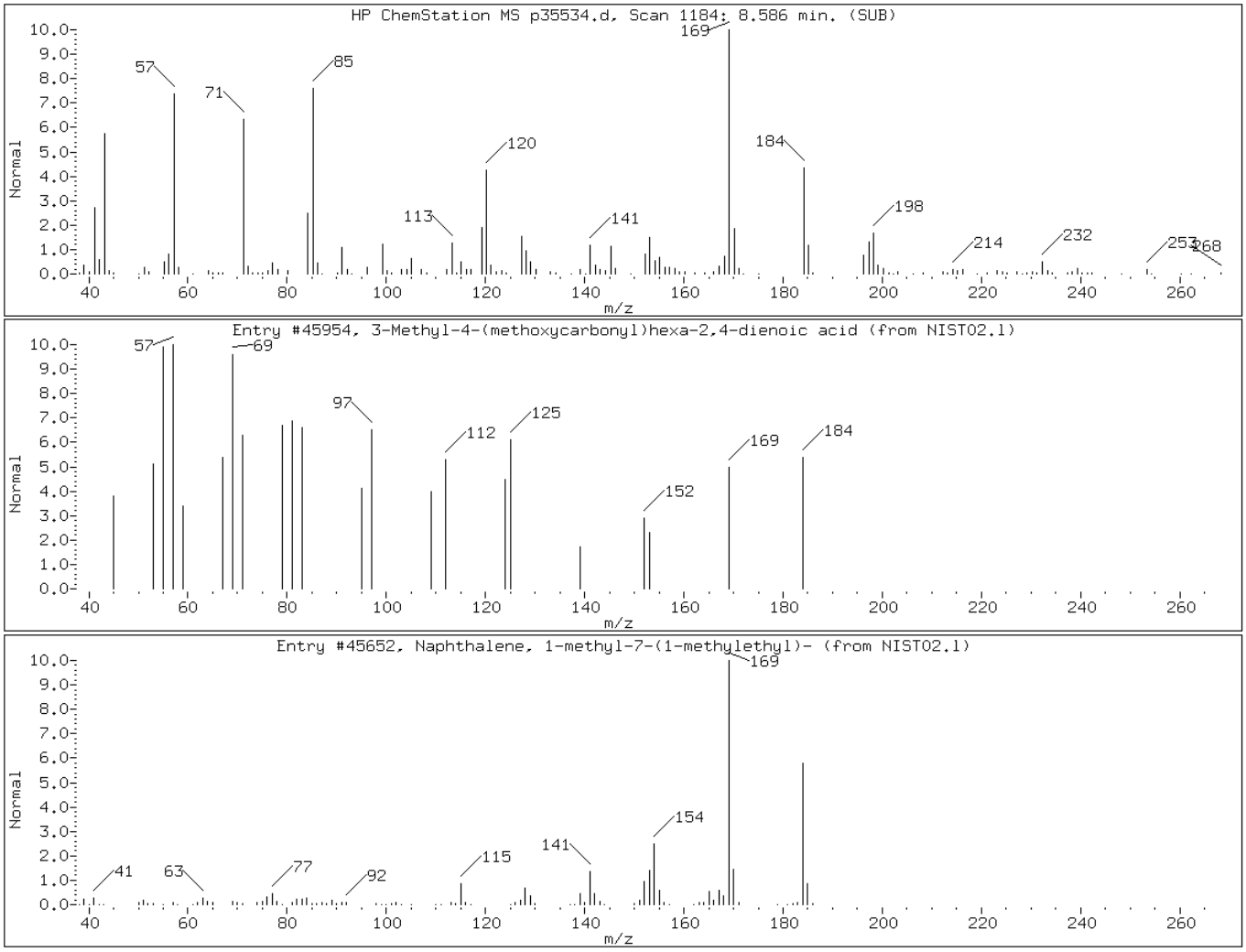
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 8.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
3-Methyl-4-(methoxycarbonyl)hexa-2	1000104-10-8	NIST02.l	45954	56	C9H12O4	184
Naphthalene, 1-methyl-7-(1-methyle	490-65-3	NIST02.l	45652	38	C14H16	184



Data File: p35534.d

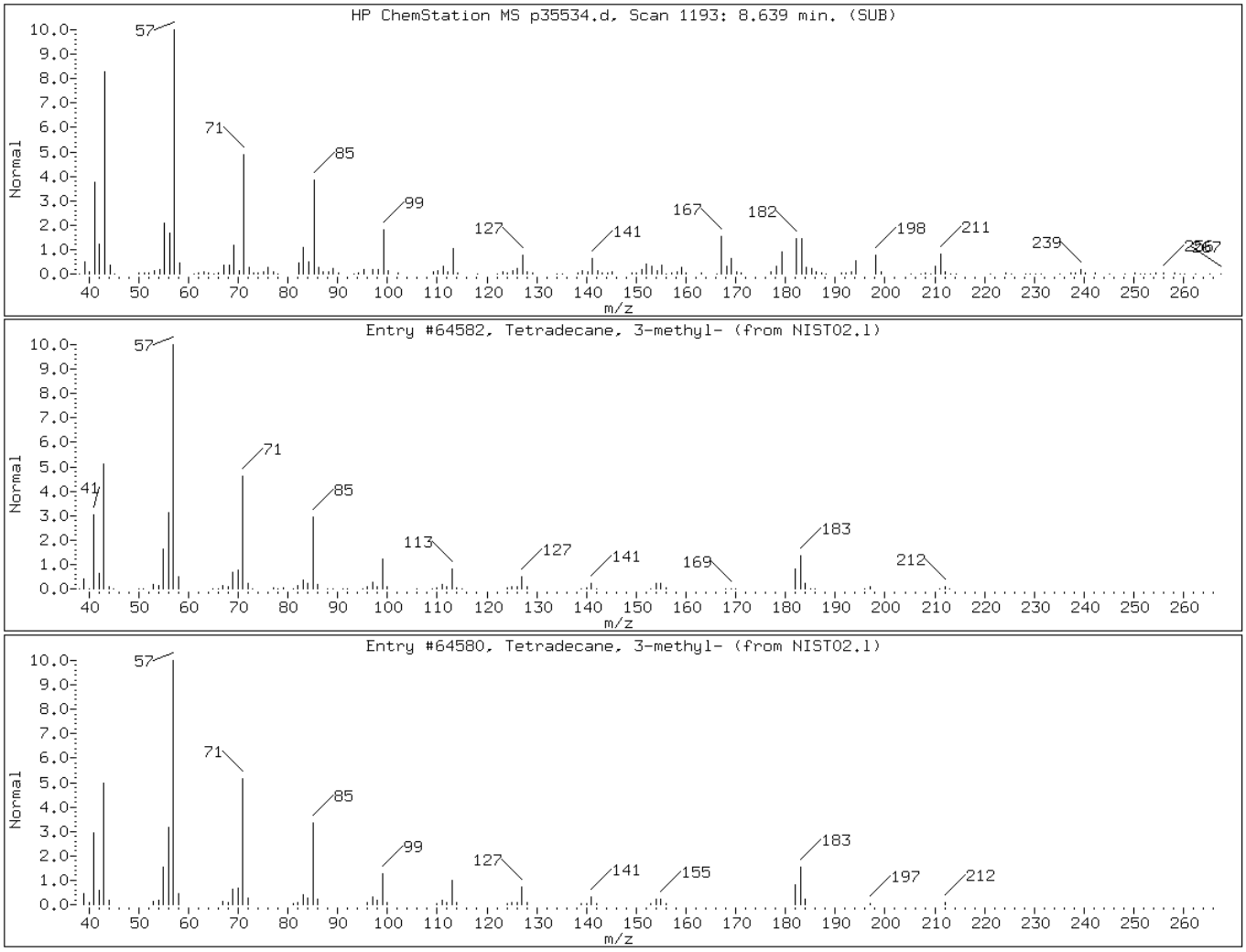
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 8.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tetradecane, 3-methyl-	18435-22-8	NIST02.l	64582	91	C15H32	212
Tetradecane, 3-methyl-	18435-22-8	NIST02.l	64580	91	C15H32	212



Data File: p35534.d

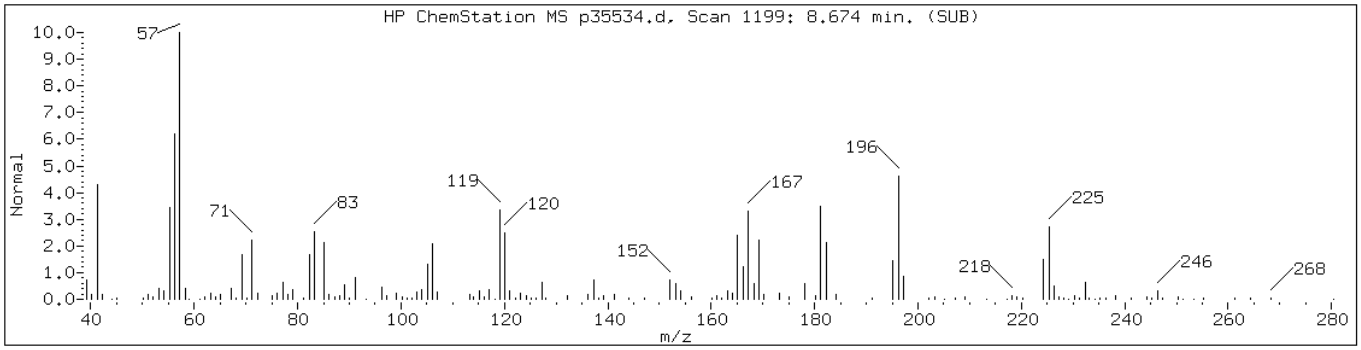
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 8.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: p35534.d

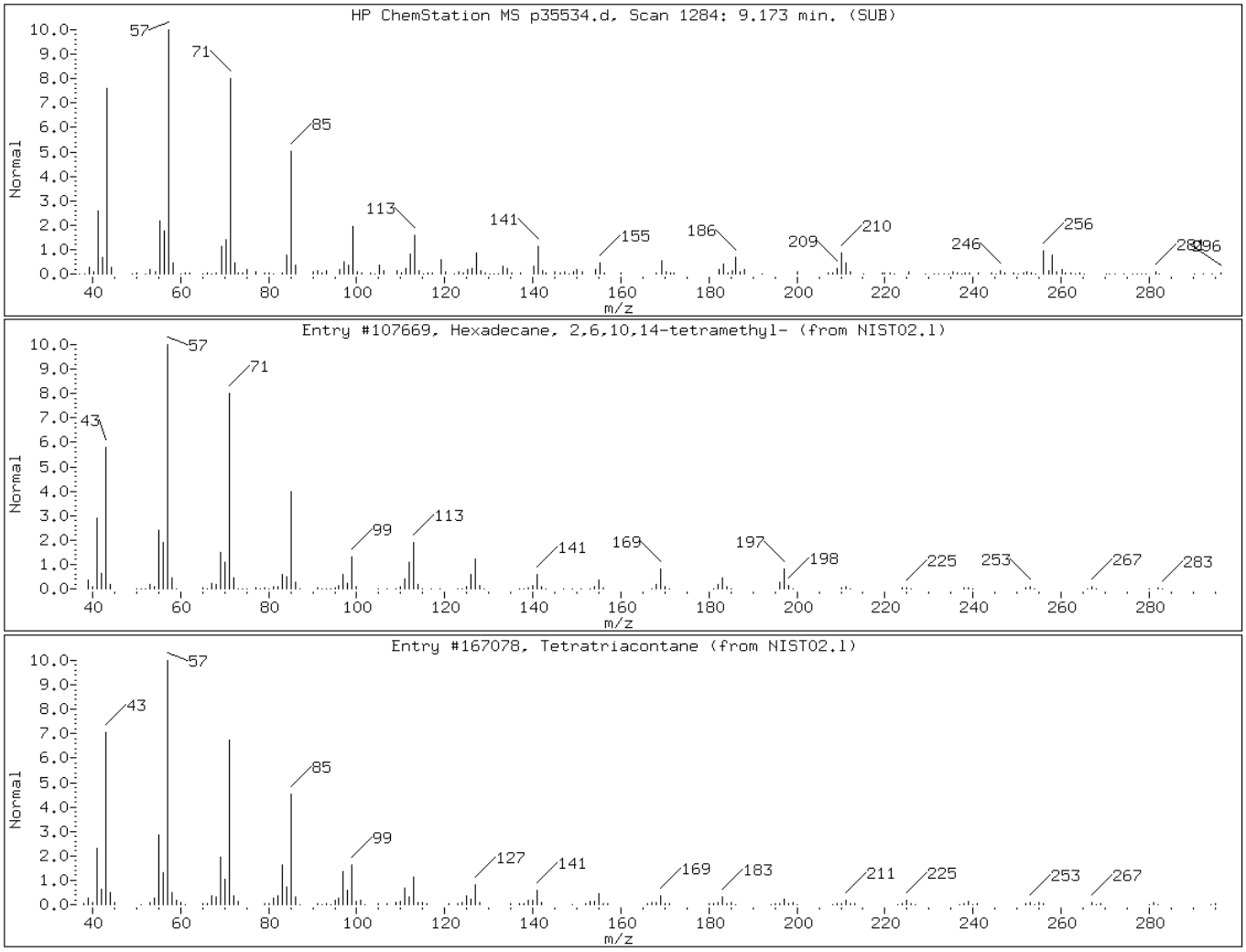
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107669	83	C20H42	282
Tetratriacontane	14167-59-0	NIST02.l	167078	83	C34H70	479



Data File: p35534.d

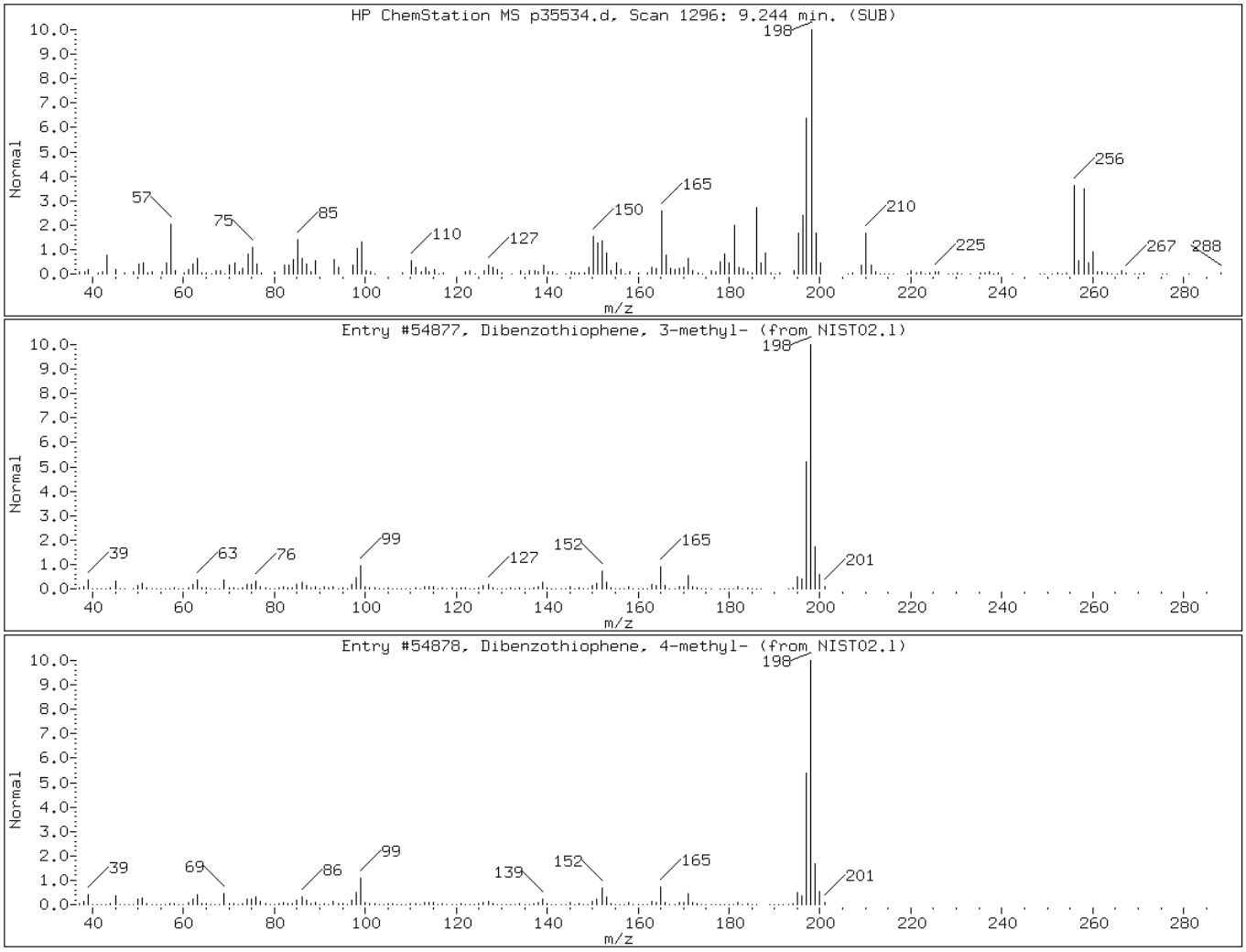
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyldibenzothiophene isomer		NIST02.l	54877	50	C13H10S	198
Unknown-4						
Dibenzothiophene, 4-methyl-	7372-88-5	NIST02.l	54878	50	C13H10S	198



Data File: p35534.d

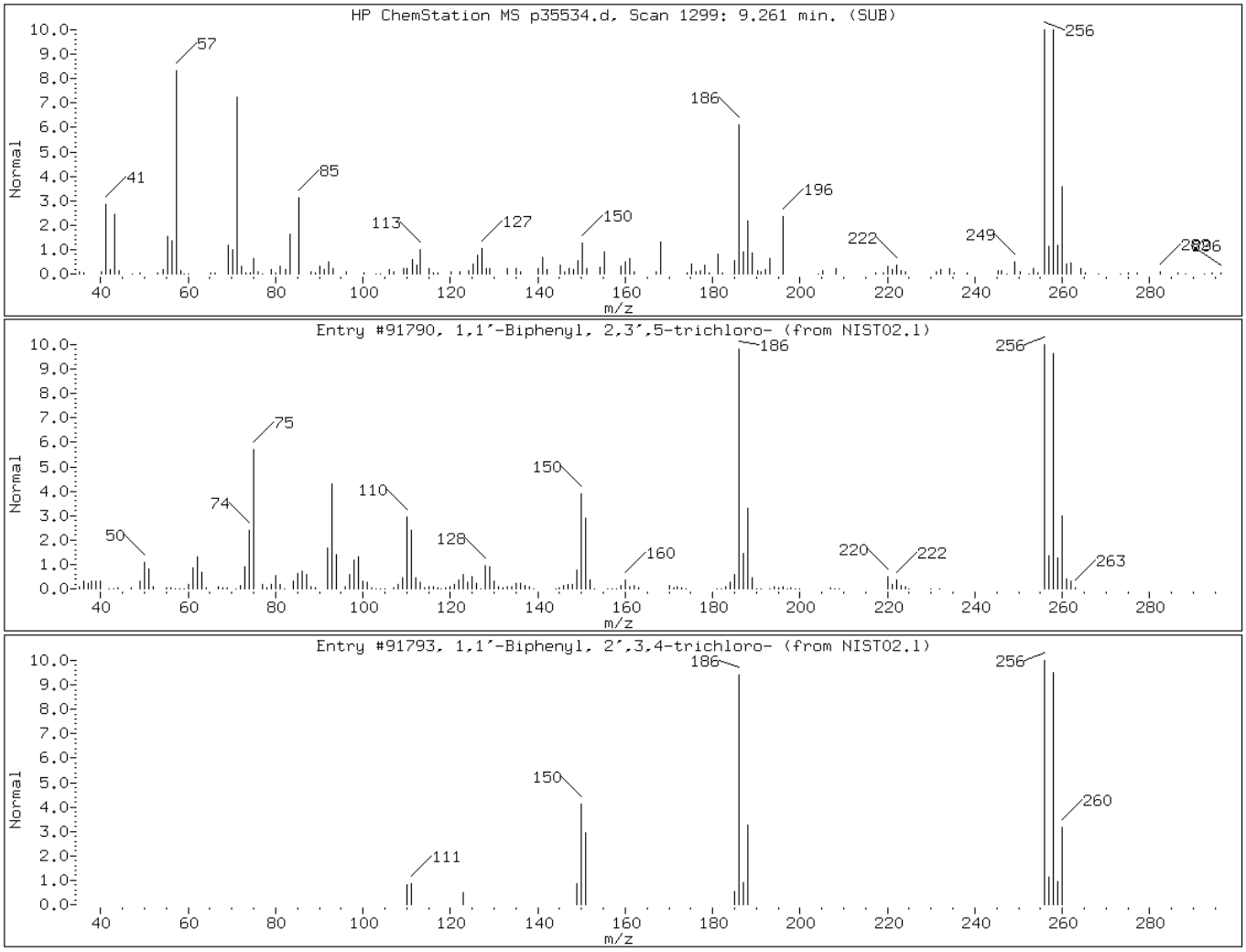
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 9.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	93	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	91	C12H7Cl3	256



Data File: p35534.d

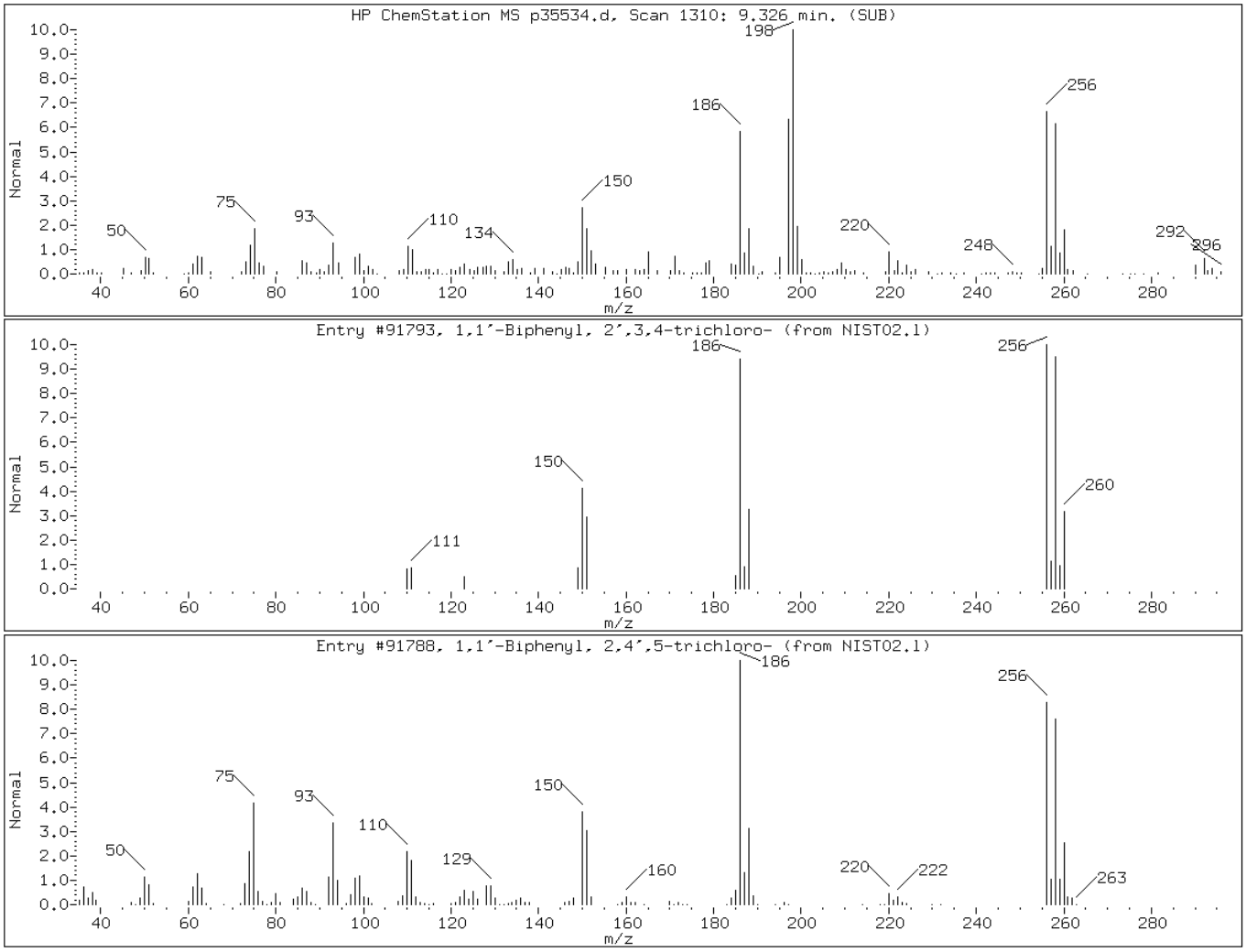
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	96	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	95	C12H7Cl3	256



Data File: p35534.d

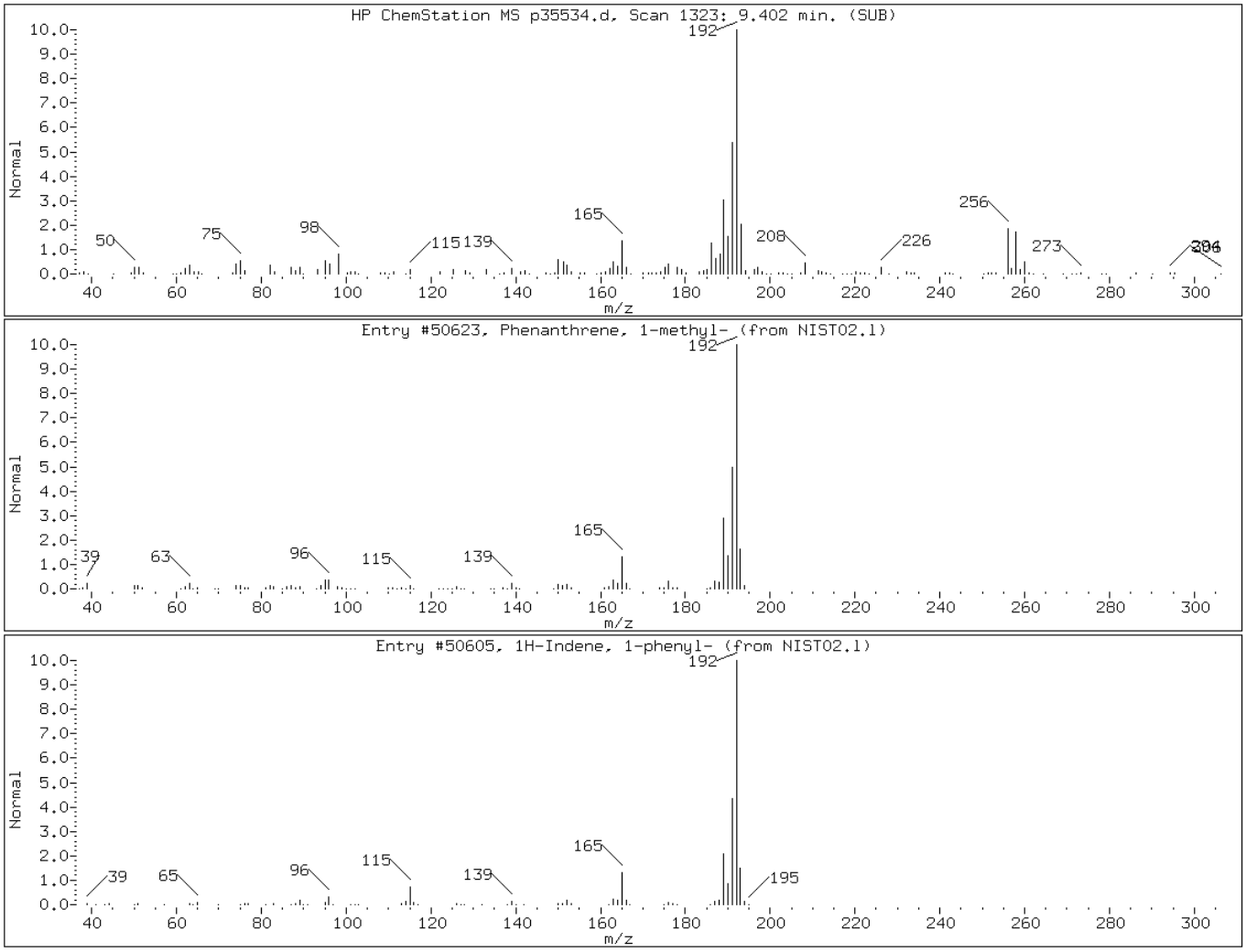
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	95	C15H12	192
1H-Indene, 1-phenyl-	1961-96-2	NIST02.l	50605	93	C15H12	192



Data File: p35534.d

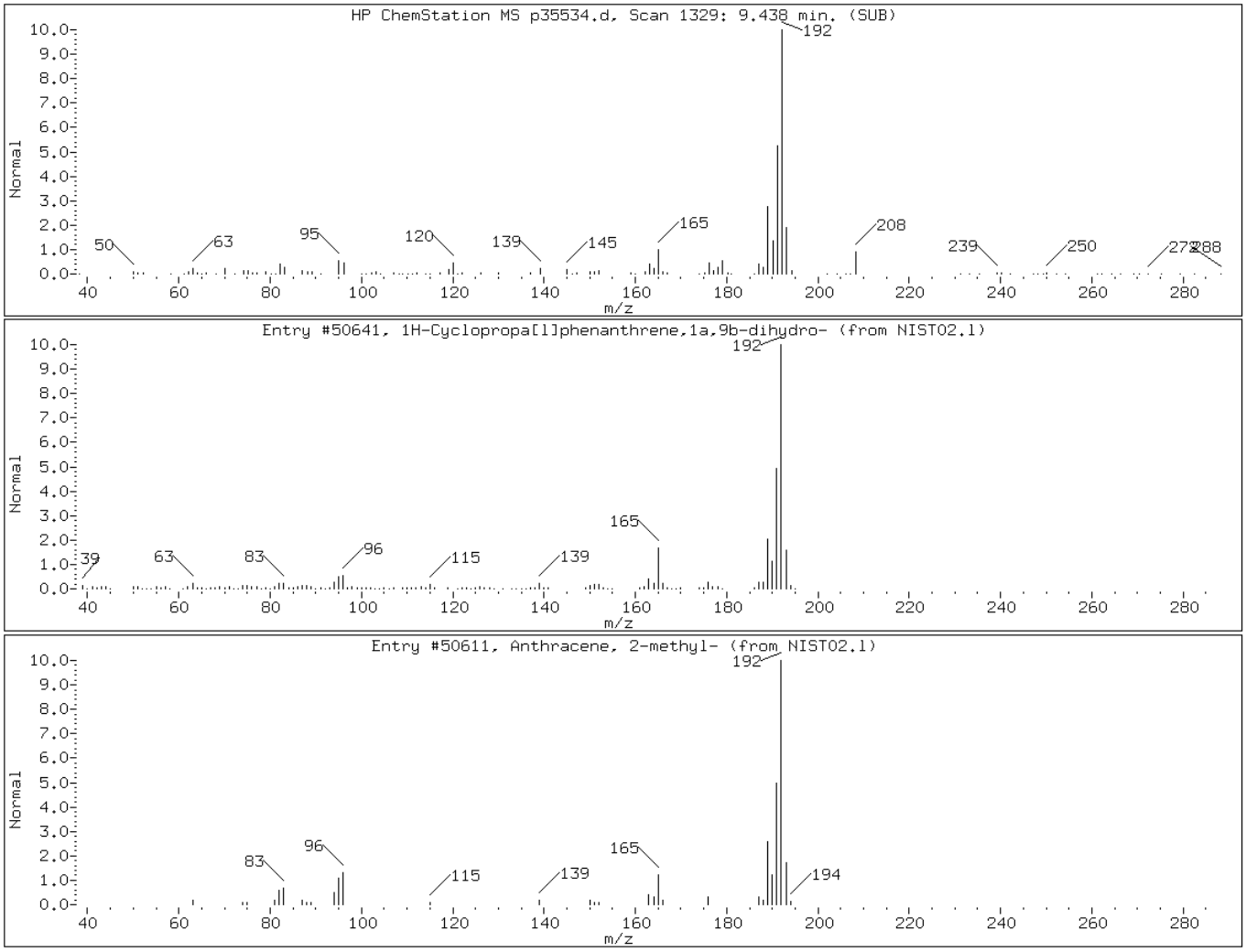
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 9.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
1H-Cyclopropa[l]phenanthrene,1a,9b	949-41-7	NIST02.l	50641	93	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST02.l	50611	93	C15H12	192



Data File: p35534.d

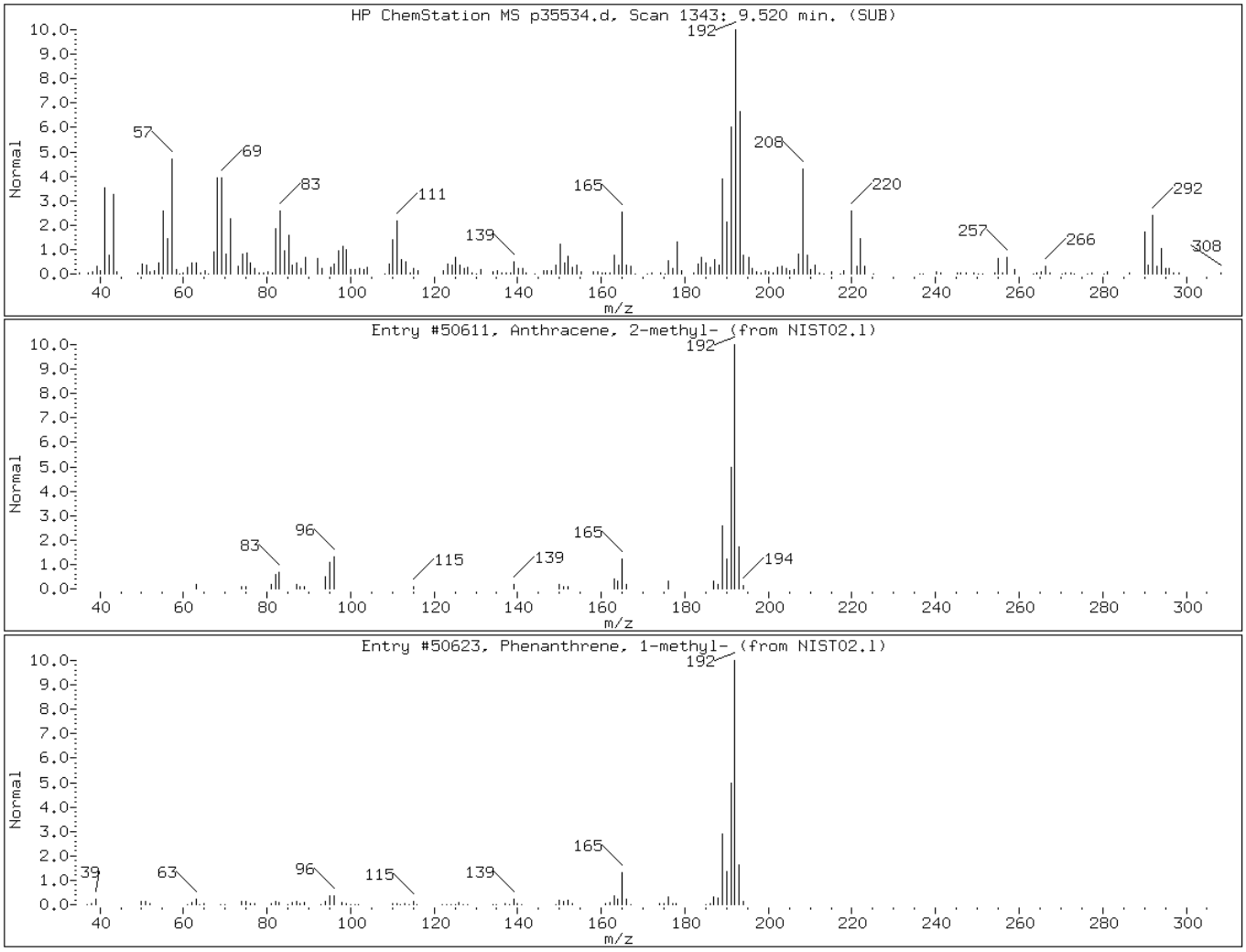
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 9.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-3						
Anthracene, 2-methyl-	613-12-7	NIST02.l	50611	42	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	42	C15H12	192



Data File: p35534.d

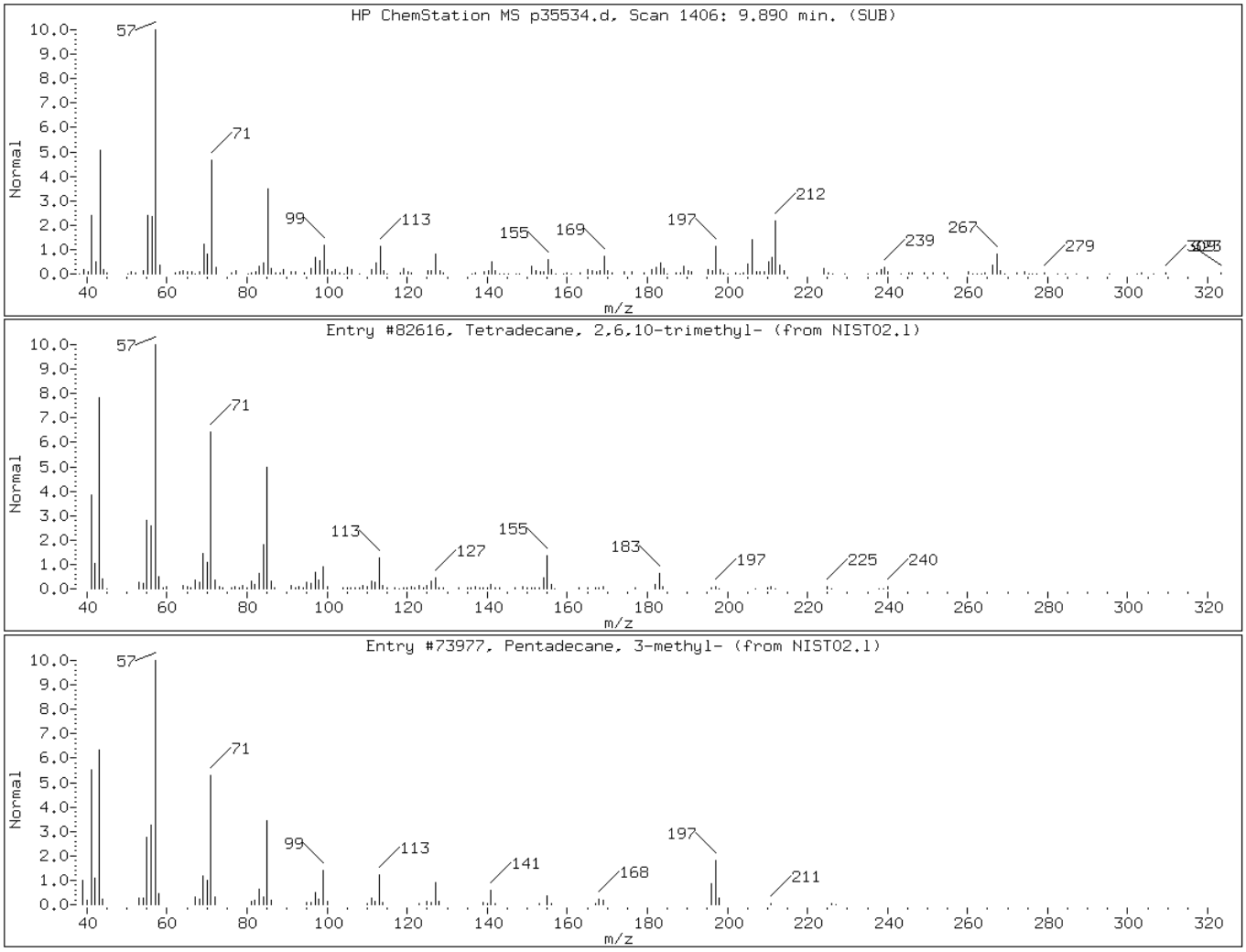
Date: 19-MAR-2013 17:35

Client ID: PMP-6-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-16-E Operator: BNAMS 4

Retention Time: 9.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.l	82616	91	C17H36	240
Pentadecane, 3-methyl-	2882-96-4	NIST02.l	73977	86	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD | Lab Sample ID: 460-52450-17

Matrix: Solid | Lab File ID: p35535.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 18:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.9	U	34	3.9
95-50-1	1,2-Dichlorobenzene	40	U	340	40
541-73-1	1,3-Dichlorobenzene	31	U	340	31
106-46-7	1,4-Dichlorobenzene	39	U	340	39
121-14-2	2,4-Dinitrotoluene	11	U	69	11
606-20-2	2,6-Dinitrotoluene	10	U	69	10
91-58-7	2-Chloronaphthalene	38	U	340	38
91-57-6	2-Methylnaphthalene	65	J	340	44
88-74-4	2-Nitroaniline	140	U	690	140
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
99-09-2	3-Nitroaniline	120	U	690	120
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
106-47-8	4-Chloroaniline	91	U	340	91
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
83-32-9	Acenaphthene	50	U	340	50
208-96-8	Acenaphthylene	40	U	340	40
120-12-7	Anthracene	42	U	340	42
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	340	38
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
85-68-7	Butyl benzyl phthalate	31	U	340	31
86-74-8	Carbazole	40	U	340	40
218-01-9	Chrysene	40	U	340	40
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
131-11-3	Dimethyl phthalate	41	U	340	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD | Lab Sample ID: 460-52450-17

Matrix: Solid | Lab File ID: p35535.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 18:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	42	U	340	42
117-84-0	Di-n-octyl phthalate	22	U	340	22
206-44-0	Fluoranthene	46	U	340	46
86-73-7	Fluorene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
87-68-3	Hexachlorobutadiene	8.4	U	69	8.4
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
67-72-1	Hexachloroethane	3.8	U	34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
78-59-1	Isophorone	42	U	340	42
91-20-3	Naphthalene	40	U	340	40
98-95-3	Nitrobenzene	4.9	U	34	4.9
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-01-8	Phenanthrene	44	U	340	44
129-00-0	Pyrene	29	U	340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	73		40-109
4165-60-0	Nitrobenzene-d5	76		38-105
1718-51-0	Terphenyl-d14	70		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD | Lab Sample ID: 460-52450-17

Matrix: Solid | Lab File ID: p35535.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 18:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 280

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.36	280	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35535.d
Report Date: 20-Mar-2013 05:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35535.d
Lab Smp Id: 460-52450-F-17-E Client Smp ID: PMP-5-NE-VD
Inj Date : 19-MAR-2013 18:00
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-17-E
Misc Info : 460-52450-F-17-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 12
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	15.02000	Weight of sample extracted (g)
M	3.50877	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.169	3.110	(0.719)	2240742	66.5582	4600
$ 17 Phenol-d5 (SUR)	99	4.044	4.044	(0.917)	2573540	66.6900	4600
* 79 1,4-Dichlorobenzene-d4	152	4.408	4.402	(1.000)	992975	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1240306	38.0290	2600
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	3069199	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	49968	0.94659	65(a)
120 1-Methylnaphthalene	142	6.500	6.506	(1.144)	29000	0.54434	38(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1982975	36.5906	2500
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	51138	1.22931	85(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1597688	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	424250	63.8718	4400
115 n-Octadecane	57	8.786	8.791	(0.987)	8231	0.29088	20(a)
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1729677	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35535.d
Report Date: 20-Mar-2013 05:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
52 Phenanthrene	178	8.927	8.927	(1.003)	8605	0.18252	12(a)
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	976418	35.1137	2400
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	878291	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	716557	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35535.d

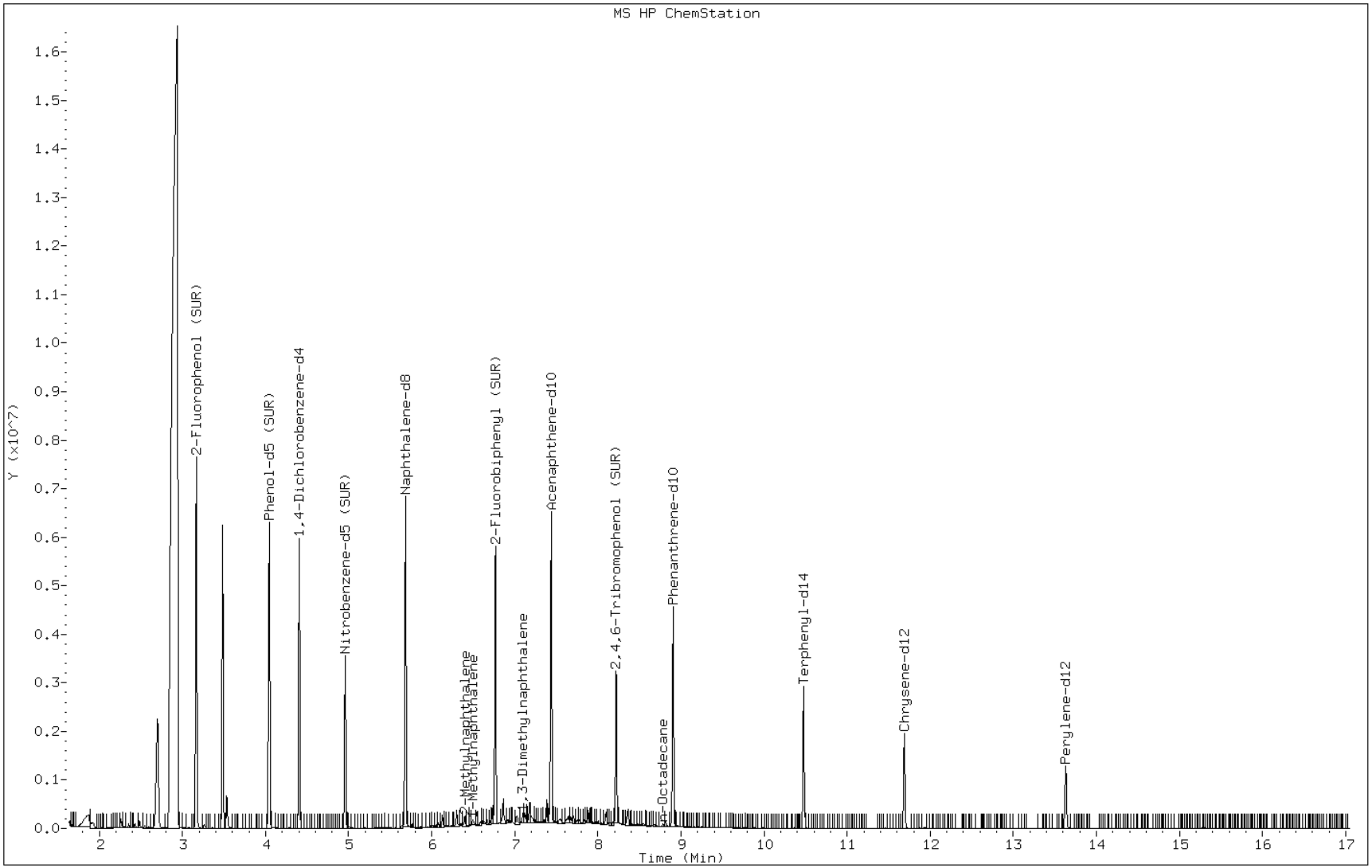
Date: 19-MAR-2013 18:00

Client ID: PMP-5-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-17-E

Operator: BNAMS 4



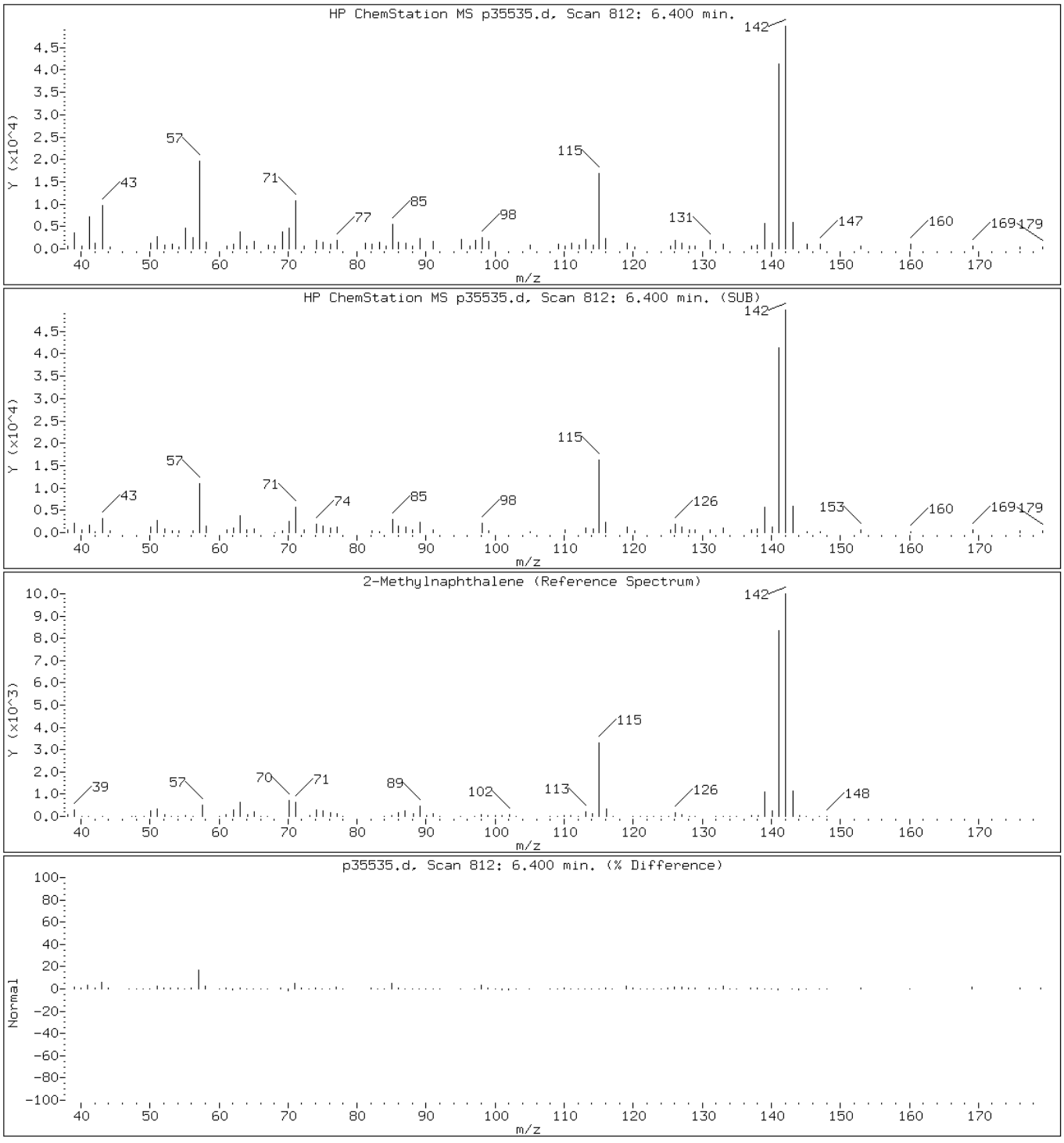
Data File: p35535.d

Date: 19-MAR-2013 18:00

Client ID: PMP-5-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-17-E Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: p35535.d

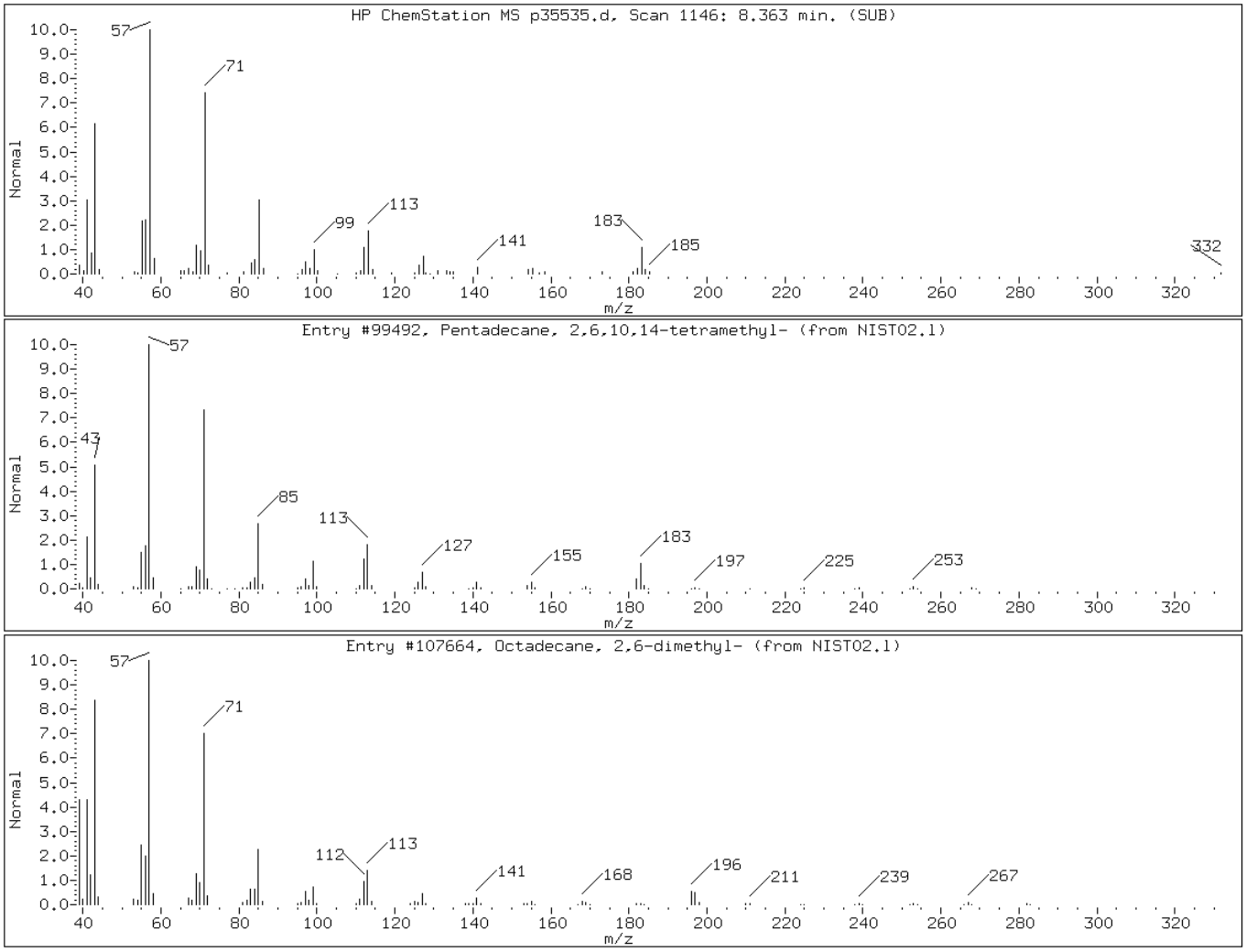
Date: 19-MAR-2013 18:00

Client ID: PMP-5-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-17-E Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	90	C19H40	268
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	86	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT | Lab Sample ID: 460-52450-18

Matrix: Solid | Lab File ID: p35536.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 18:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.1	U	36	4.1
95-50-1	1,2-Dichlorobenzene	42	U	360	42
541-73-1	1,3-Dichlorobenzene	33	U	360	33
106-46-7	1,4-Dichlorobenzene	41	U	360	41
121-14-2	2,4-Dinitrotoluene	12	U	73	12
606-20-2	2,6-Dinitrotoluene	11	U	73	11
91-58-7	2-Chloronaphthalene	40	U	360	40
91-57-6	2-Methylnaphthalene	200	J	360	46
88-74-4	2-Nitroaniline	150	U	730	150
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
99-09-2	3-Nitroaniline	130	U	730	130
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
106-47-8	4-Chloroaniline	95	U	360	95
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
83-32-9	Acenaphthene	52	U	360	52
208-96-8	Acenaphthylene	43	U	360	43
120-12-7	Anthracene	44	U	360	44
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
108-60-1	bis (2-chloroisopropyl) ether	40	U	360	40
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
85-68-7	Butyl benzyl phthalate	33	U	360	33
86-74-8	Carbazole	43	U	360	43
218-01-9	Chrysene	42	U	360	42
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
131-11-3	Dimethyl phthalate	43	U	360	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT | Lab Sample ID: 460-52450-18

Matrix: Solid | Lab File ID: p35536.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 18:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	44	U	360	44
117-84-0	Di-n-octyl phthalate	23	U	360	23
206-44-0	Fluoranthene	48	U	360	48
86-73-7	Fluorene	330	J	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
87-68-3	Hexachlorobutadiene	8.8	U	73	8.8
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
67-72-1	Hexachloroethane	4.0	U	36	4.0
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
78-59-1	Isophorone	44	U	360	44
91-20-3	Naphthalene	42	U	360	42
98-95-3	Nitrobenzene	5.1	U	36	5.1
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-01-8	Phenanthrene	2200		360	46
129-00-0	Pyrene	150	J	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	87		40-109
4165-60-0	Nitrobenzene-d5	82		38-105
1718-51-0	Terphenyl-d14	63		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT | Lab Sample ID: 460-52450-18

Matrix: Solid | Lab File ID: p35536.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 18:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 161500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-5	7.90	8000	J
	Unknown Alkane-7	8.20	6000	J
	Unknown Alkane-8	8.39	55000	J
	Unknown Alkane-9	8.56	13000	J
	Unknown-2	8.59	4700	J
	Unknown Alkane-11	8.69	7600	J
593-45-3	n-Octadecane	8.81	5100	
	Unknown Alkane-12	8.84	23000	J
	Unknown Alkane-14	9.11	3900	J
	Unknown Alkane-15	9.18	7600	J
	Trichloro-1,1-biphenyl isomer	9.27	4900	J
	C15H12 PAH-1	9.41	4300	J
	C15H12 PAH-2	9.44	4200	J
	C15H12 PAH-3	9.53	9900	J
	Unknown Alkane-17	9.89	4300	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35536.d
Report Date: 22-Mar-2013 09:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35536.d
Lab Smp Id: 460-52450-F-18-E Client Smp ID: PMP-5-NE-WT
Inj Date : 19-MAR-2013 18:26
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-18-E
Misc Info : 460-52450-F-18-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 13
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	8.06175	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.151	3.110	(0.716)	1885711	72.4385	5200
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	2194025	73.5286	5300
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	767809	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1002230	40.8230	3000
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2310332	40.0000	
34 2-Methylnaphthalene	142	6.400	6.406	(1.126)	109902	2.76582	200(a)
120 1-Methylnaphthalene	142	6.500	6.506	(1.144)	61243	1.52715	110(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1421081	43.3755	3100
125 1,3-Dimethylnaphthalene	156	7.105	7.111	(0.955)	224612	8.93151	650
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	965870	40.0000	
47 Fluorene	166	7.986	7.981	(1.073)	125670	4.55327	330(aH)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.233	8.221	(1.107)	264544	65.8808	4800
115 n-Octadecane	57	8.809	8.791	(0.987)	1198498	70.8262	5100

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35536.d
Report Date: 22-Mar-2013 09:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	8.921	8.903	(1.000)	1034363	40.0000	
52 Phenanthrene	178	8.944	8.927	(1.003)	852149	30.2250	2200
57 Pyrene	202	10.331	10.325	(0.884)	61820	2.08264	150(a)
$ 78 Terphenyl-d14	244	10.483	10.478	(0.897)	647677	31.3330	2300
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	652885	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	597804	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p35536.d

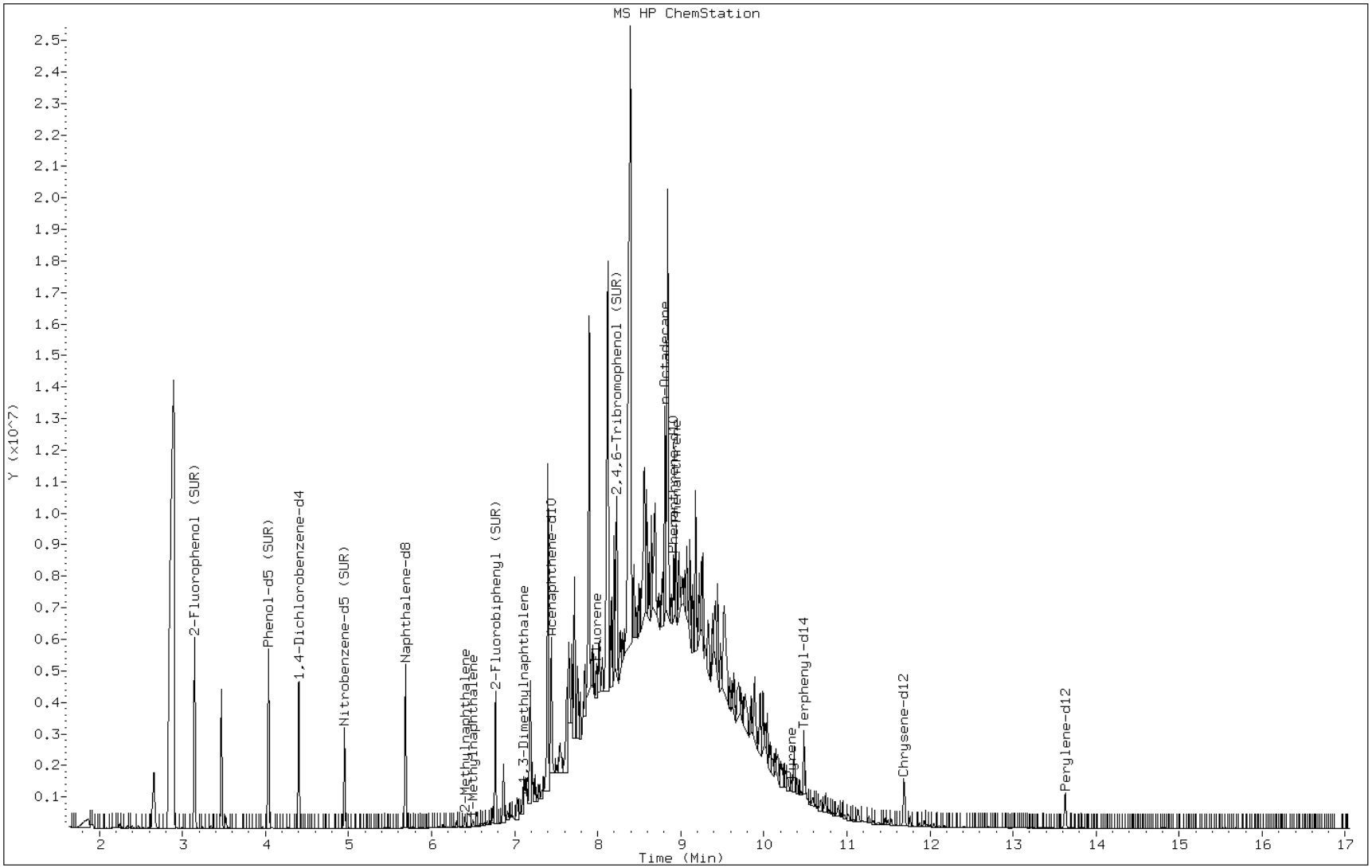
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E

Operator: BNAMS 4



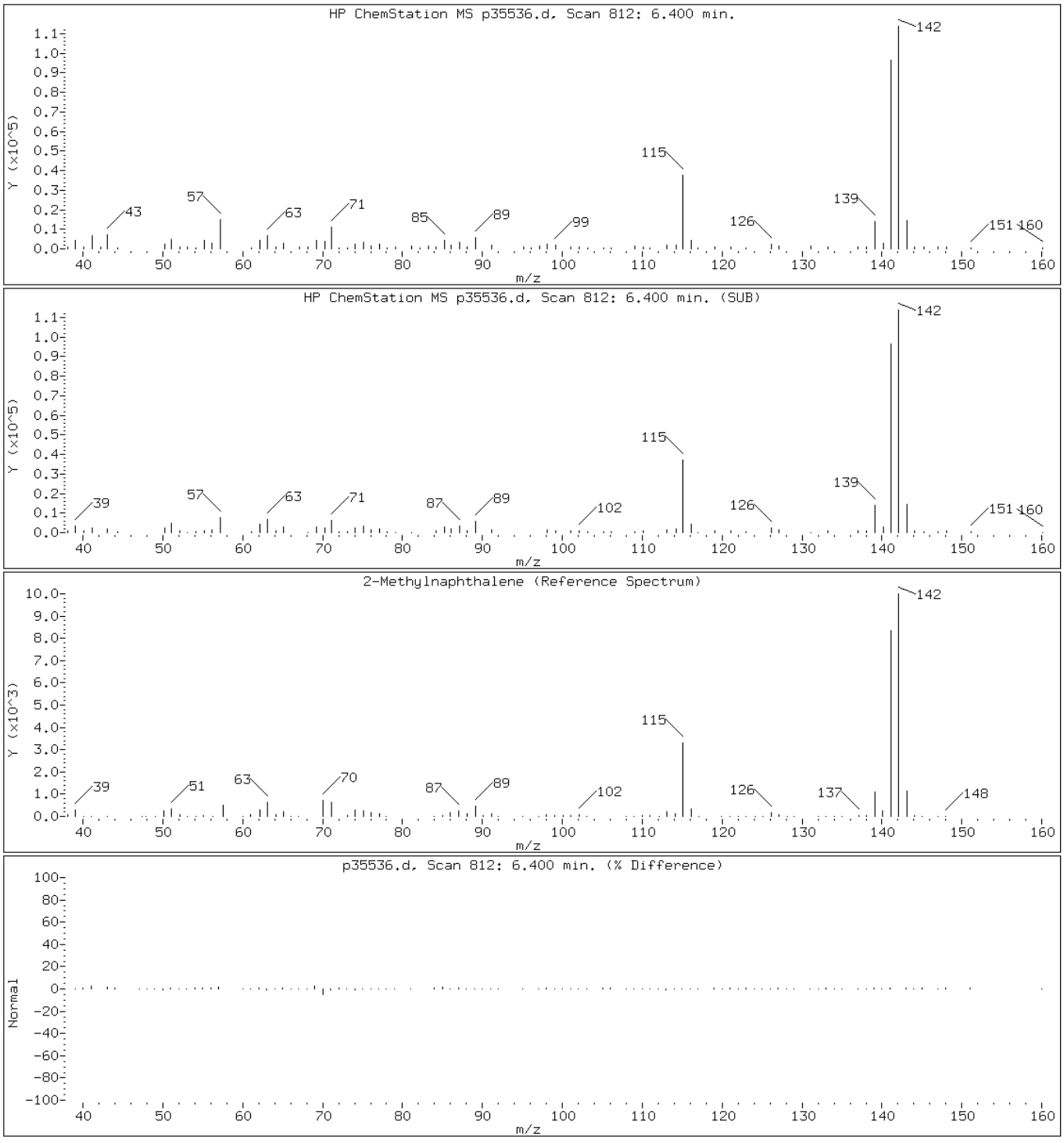
Data File: p35536.d

Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

34 2-Methylnaphthalene



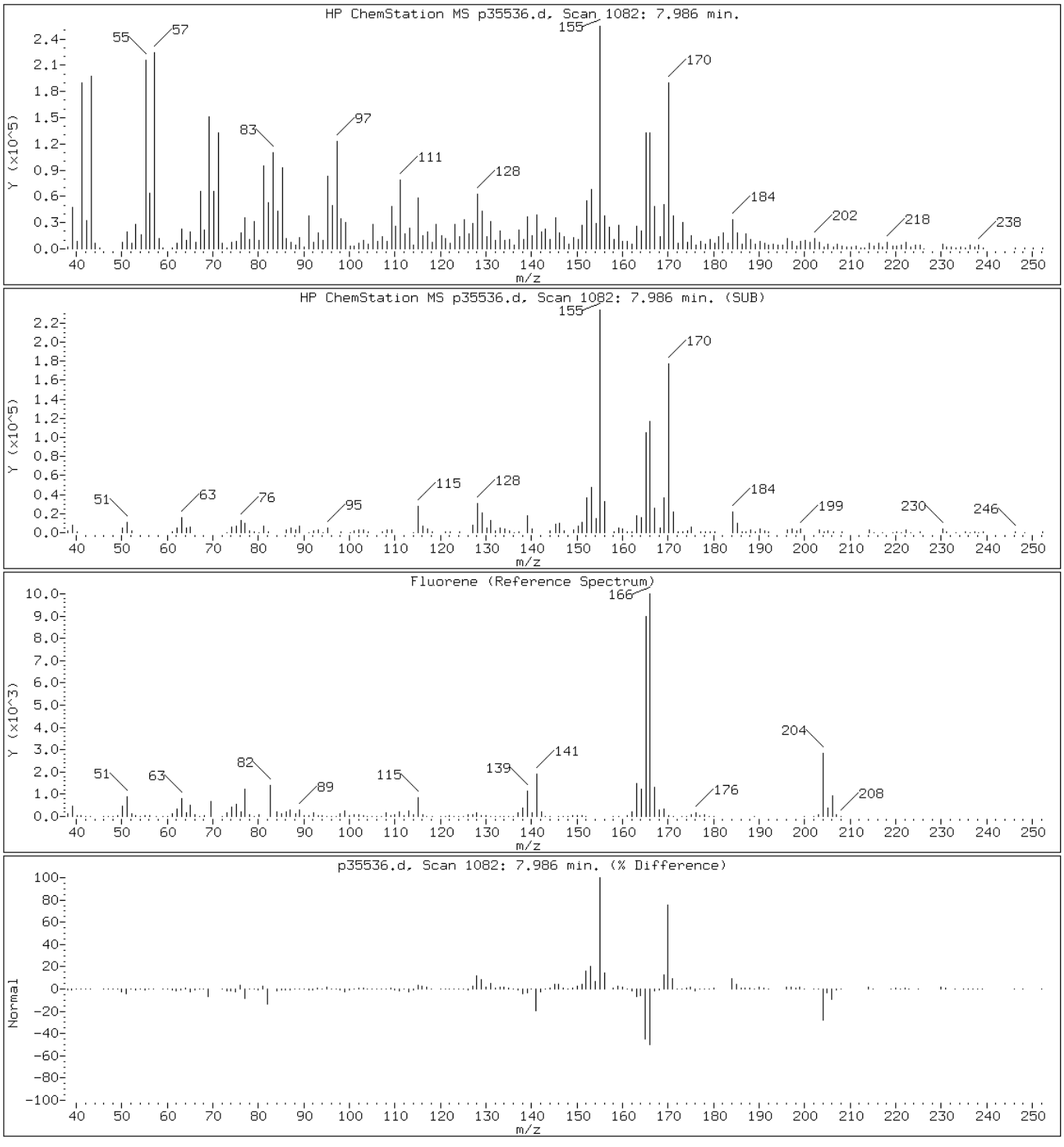
Data File: p35536.d

Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

47 Fluorene



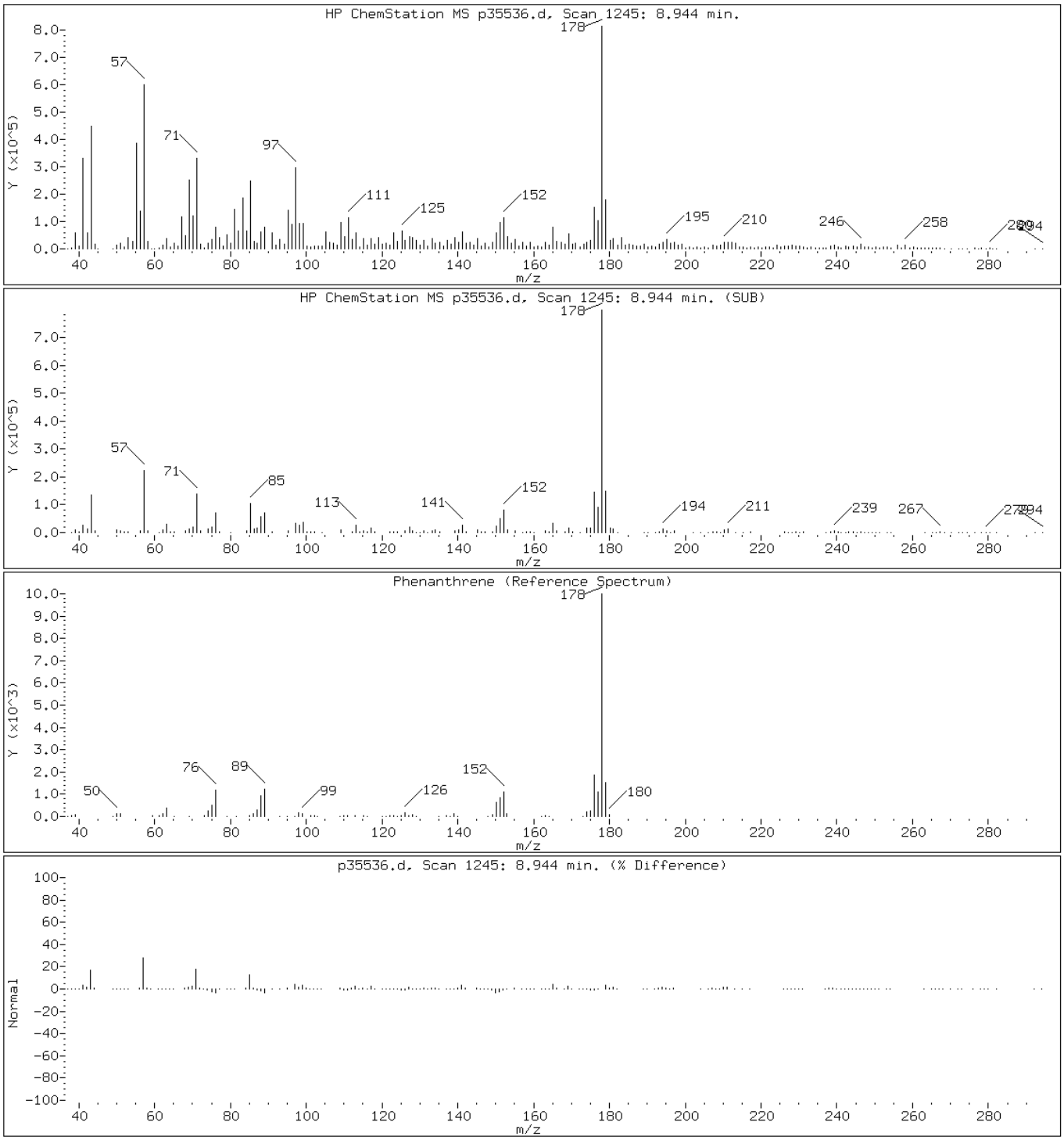
Data File: p35536.d

Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

52 Phenanthrene



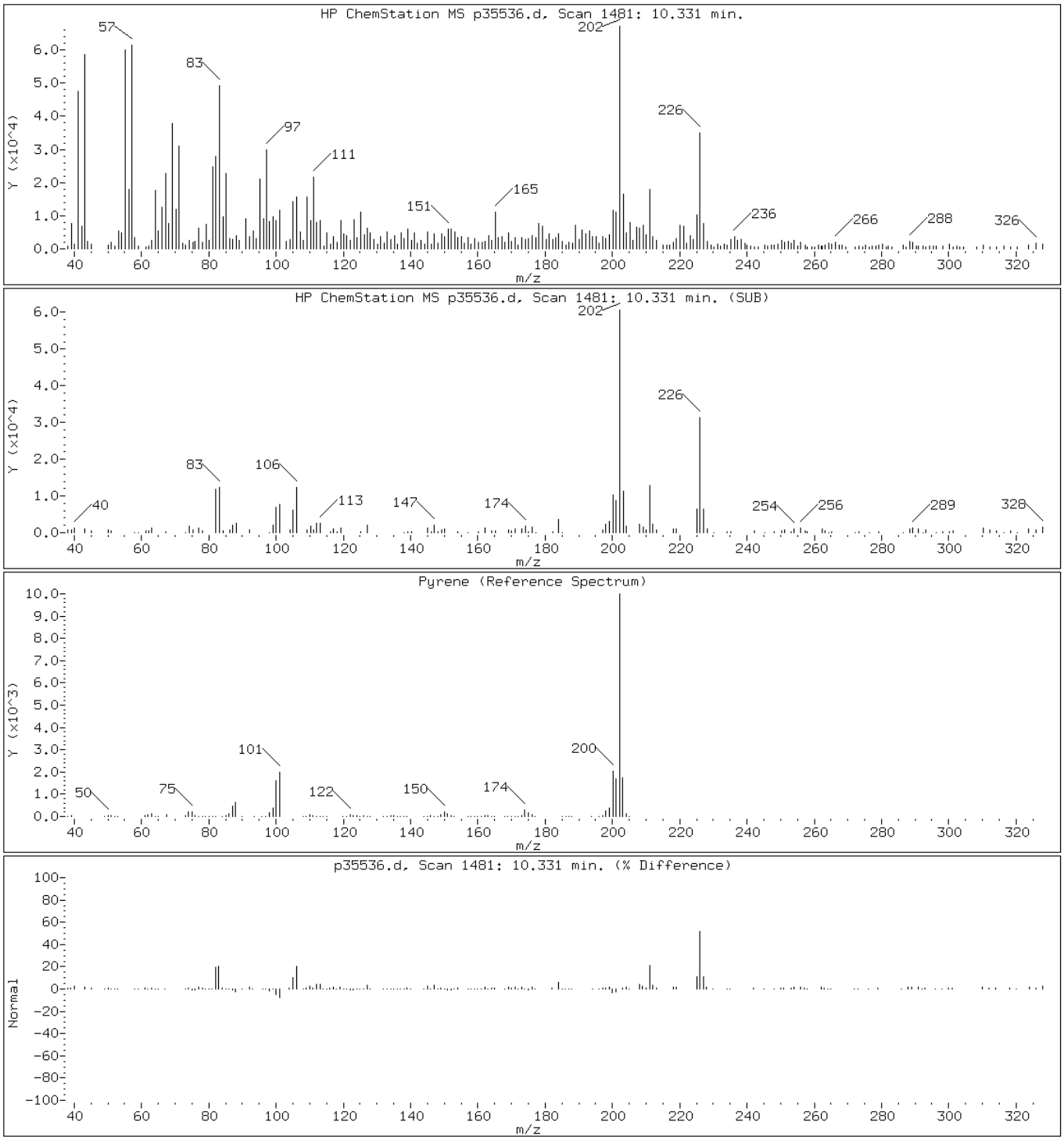
Data File: p35536.d

Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

57 Pyrene



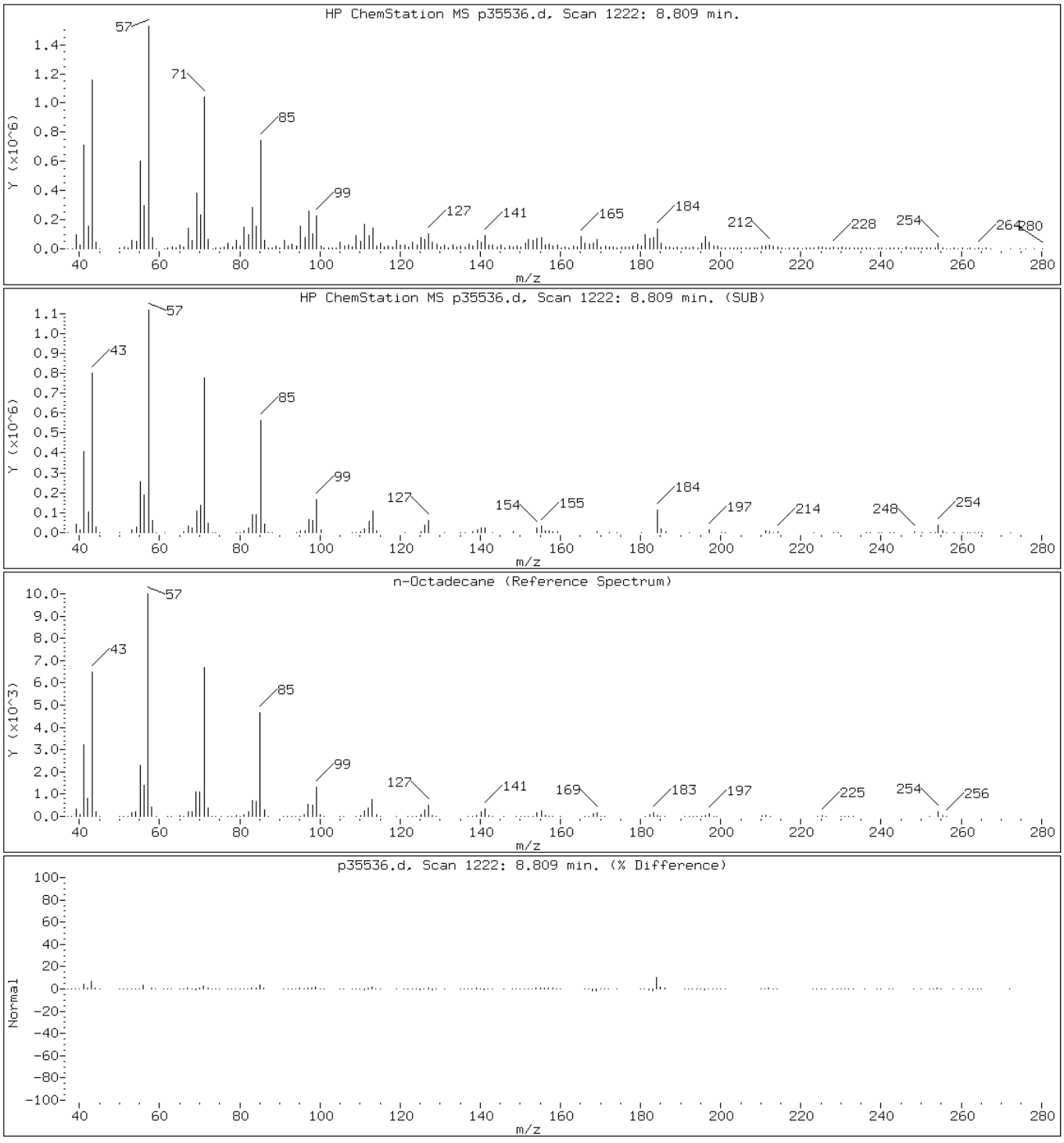
Data File: p35536.d

Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

115 n-Octadecane



Data File: p35536.d

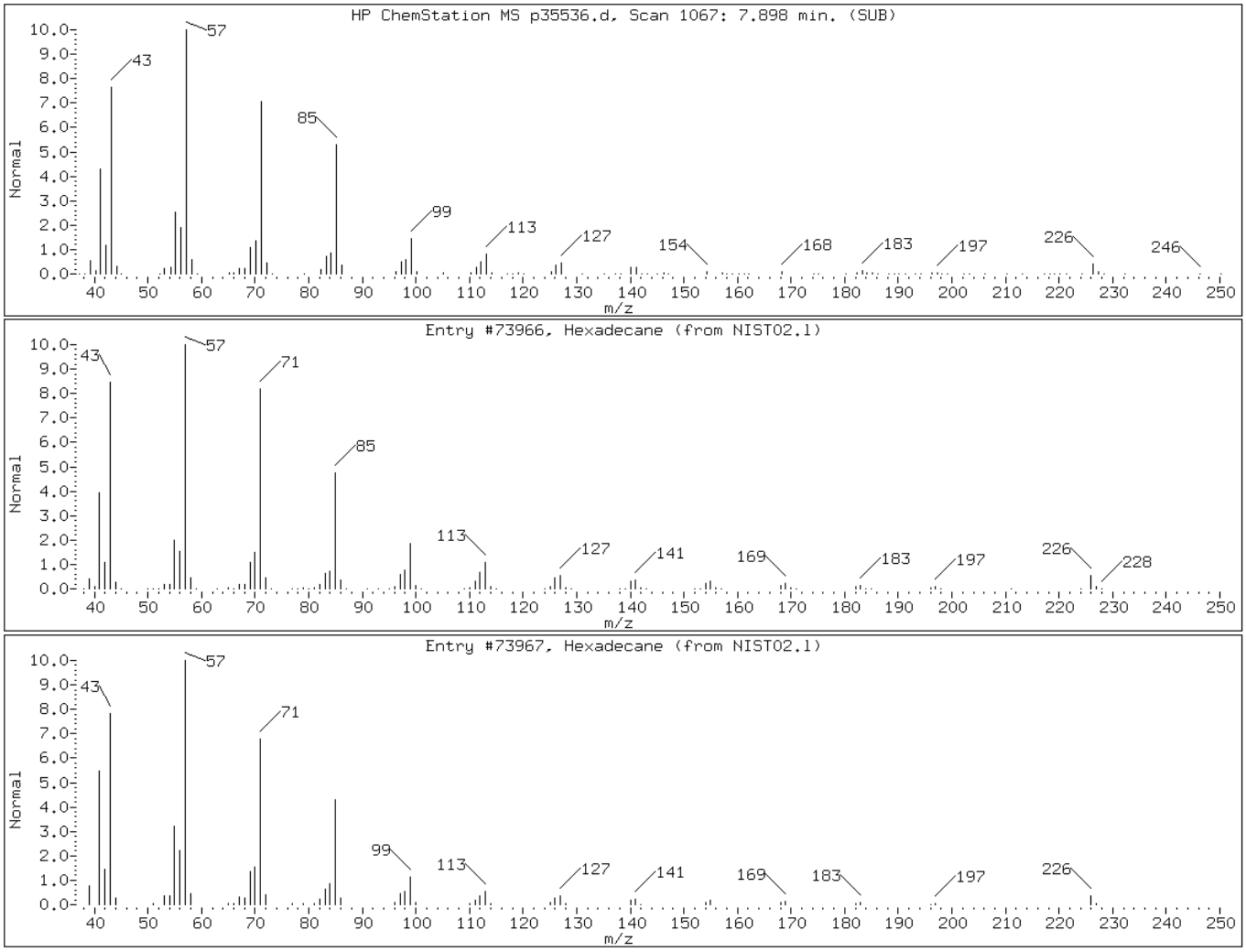
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 7.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73967	97	C16H34	226



Data File: p35536.d

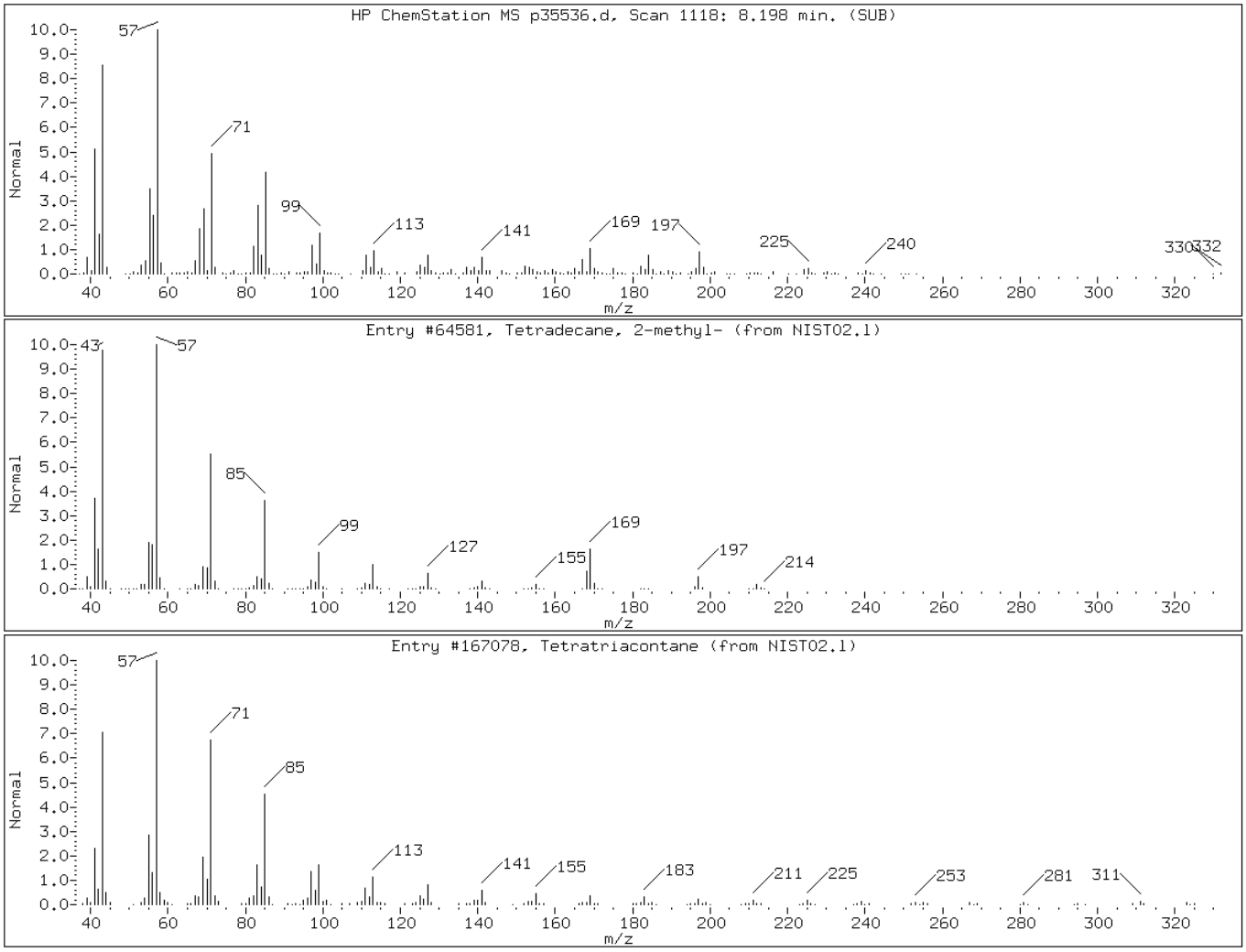
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 8.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane, 2-methyl-	1560-95-8	NIST02.l	64581	76	C15H32	212
Tetratriacontane	14167-59-0	NIST02.l	167078	74	C34H70	479



Data File: p35536.d

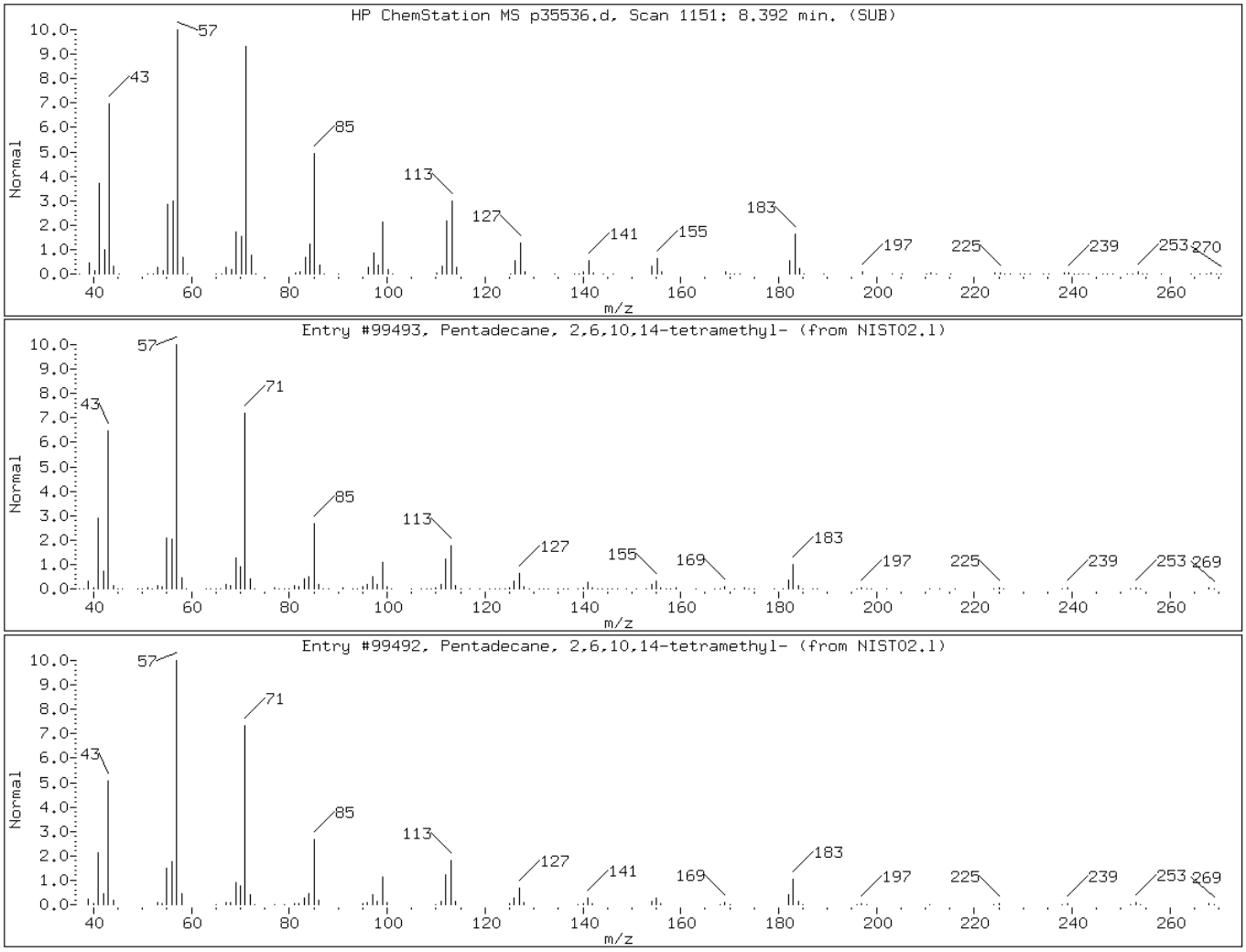
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 8.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	94	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	94	C19H40	268



Data File: p35536.d

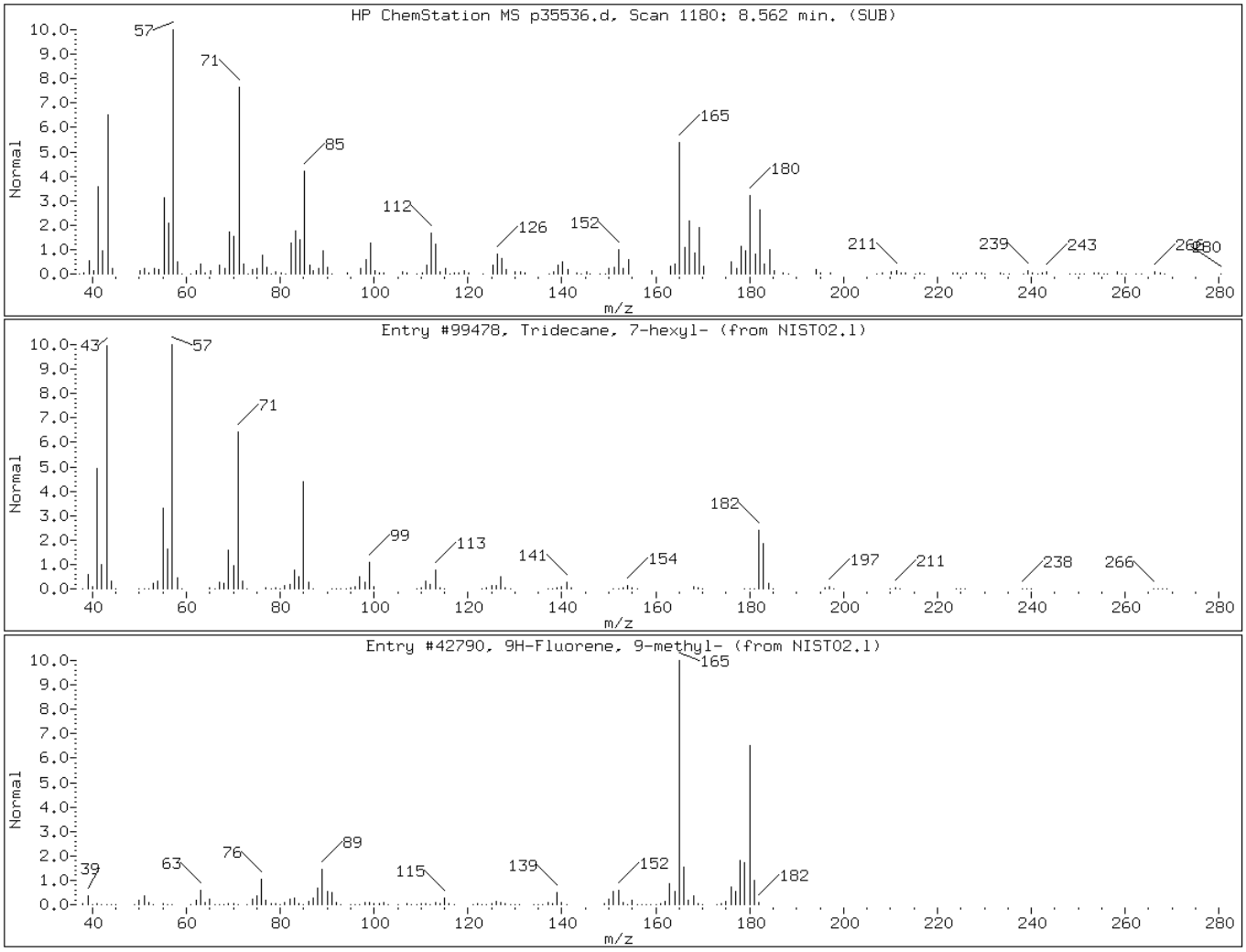
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 8.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tridecane, 7-hexyl-	7225-66-3	NIST02.l	99478	64	C19H40	268
9H-Fluorene, 9-methyl-	2523-37-7	NIST02.l	42790	53	C14H12	180



Data File: p35536.d

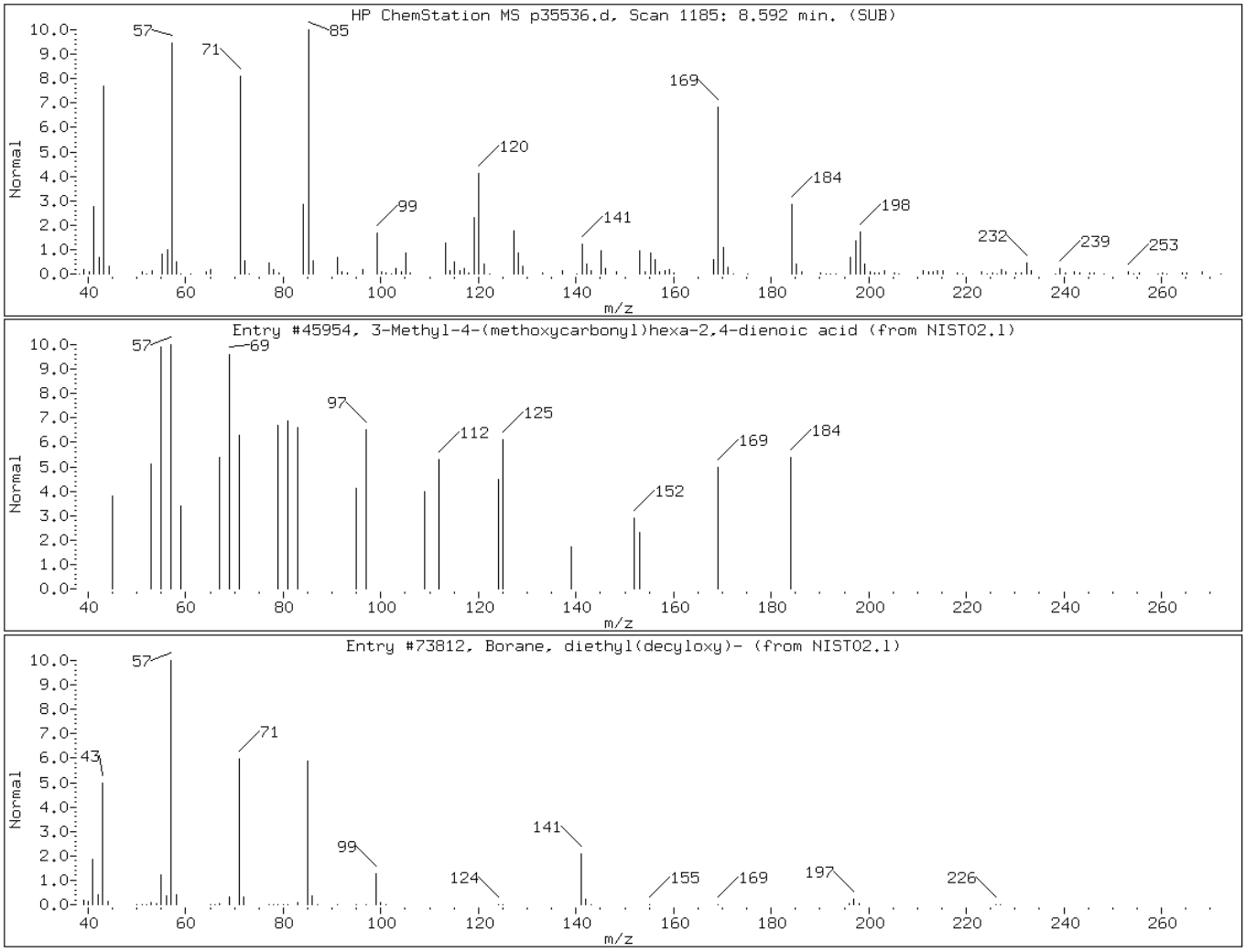
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 8.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
3-Methyl-4-(methoxycarbonyl)hexa-2	1000104-10-8	NIST02.l	45954	91	C9H12O4	184
Borane, diethyl(decyloxy)-	1000152-34-3	NIST02.l	73812	45	C14H31BO	226



Data File: p35536.d

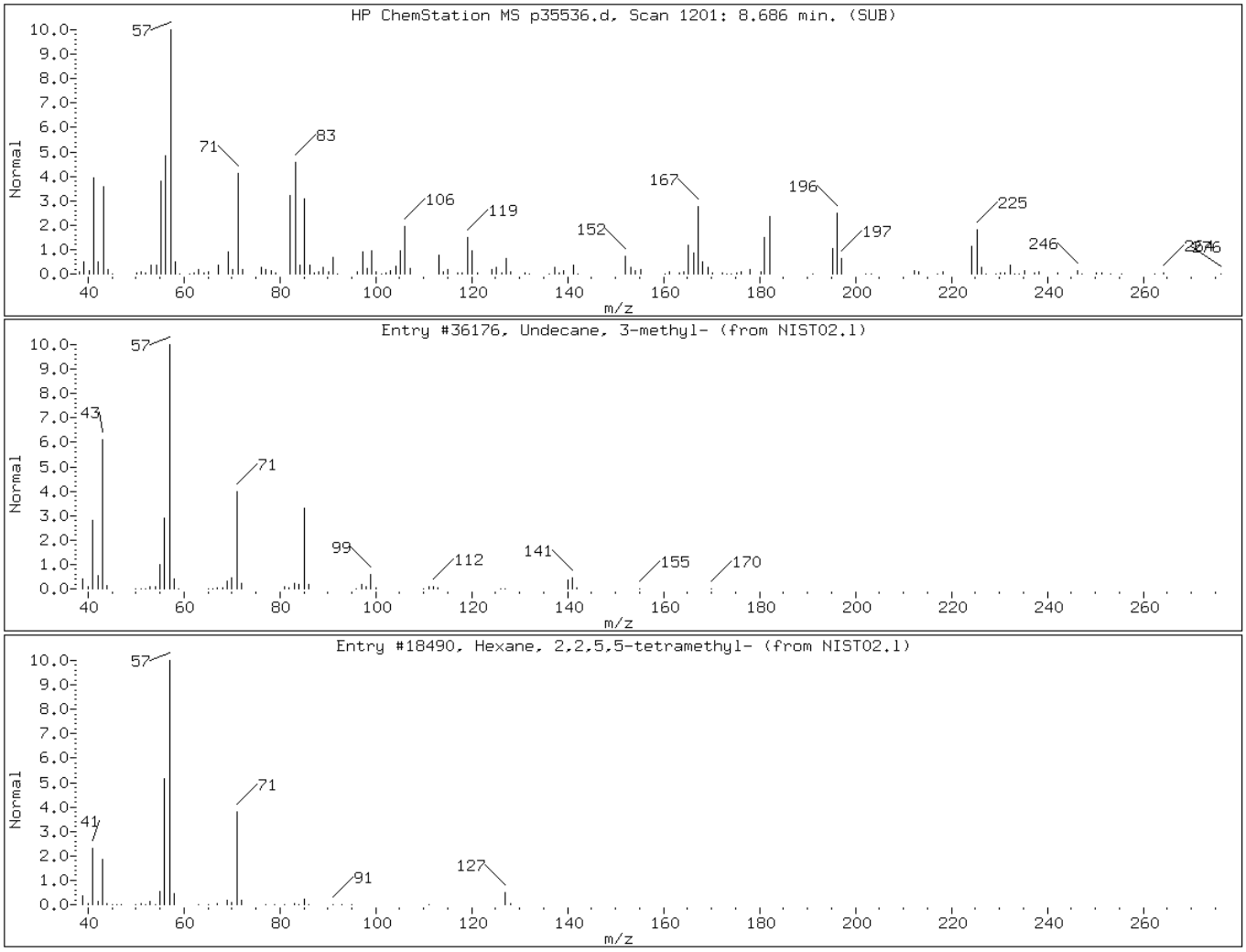
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 8.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Undecane, 3-methyl-	1002-43-3	NIST02.l	36176	22	C12H26	170
Hexane, 2,2,5,5-tetramethyl-	1071-81-4	NIST02.l	18490	22	C10H22	142



Data File: p35536.d

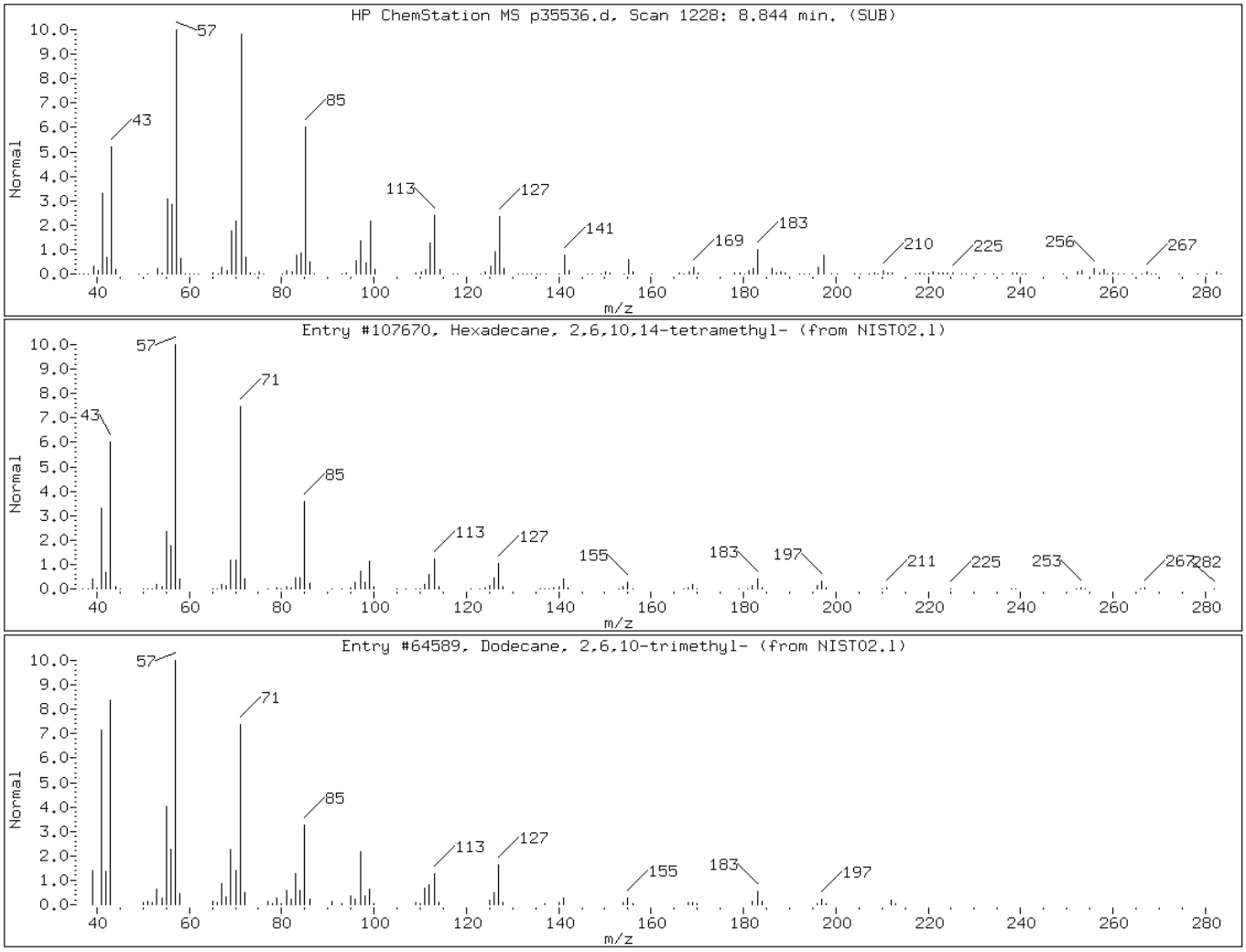
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 8.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	91	C20H42	282
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64589	74	C15H32	212



Data File: p35536.d

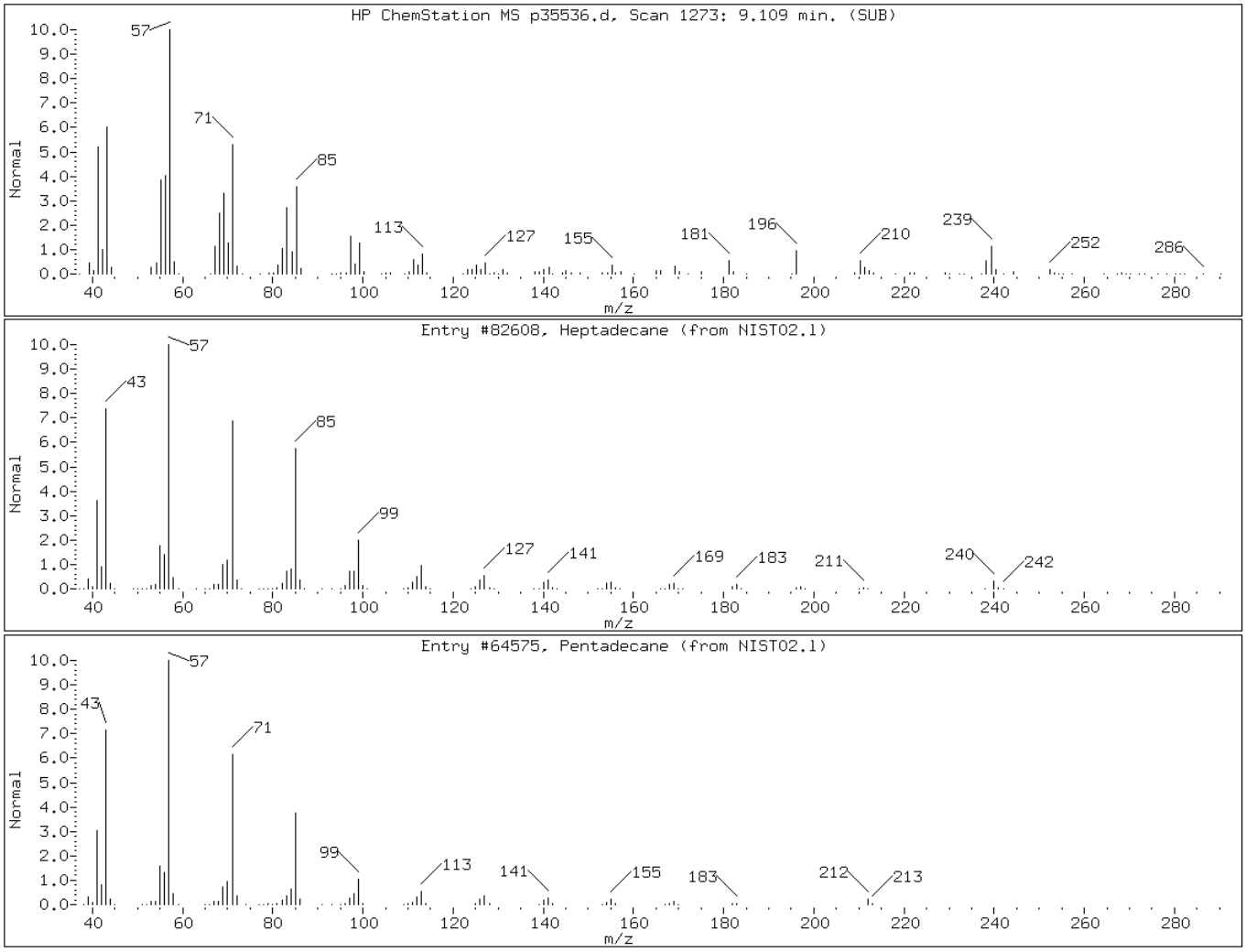
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 9.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane	629-78-7	NIST02.l	82608	94	C17H36	240
Pentadecane	629-62-9	NIST02.l	64575	94	C15H32	212



Data File: p35536.d

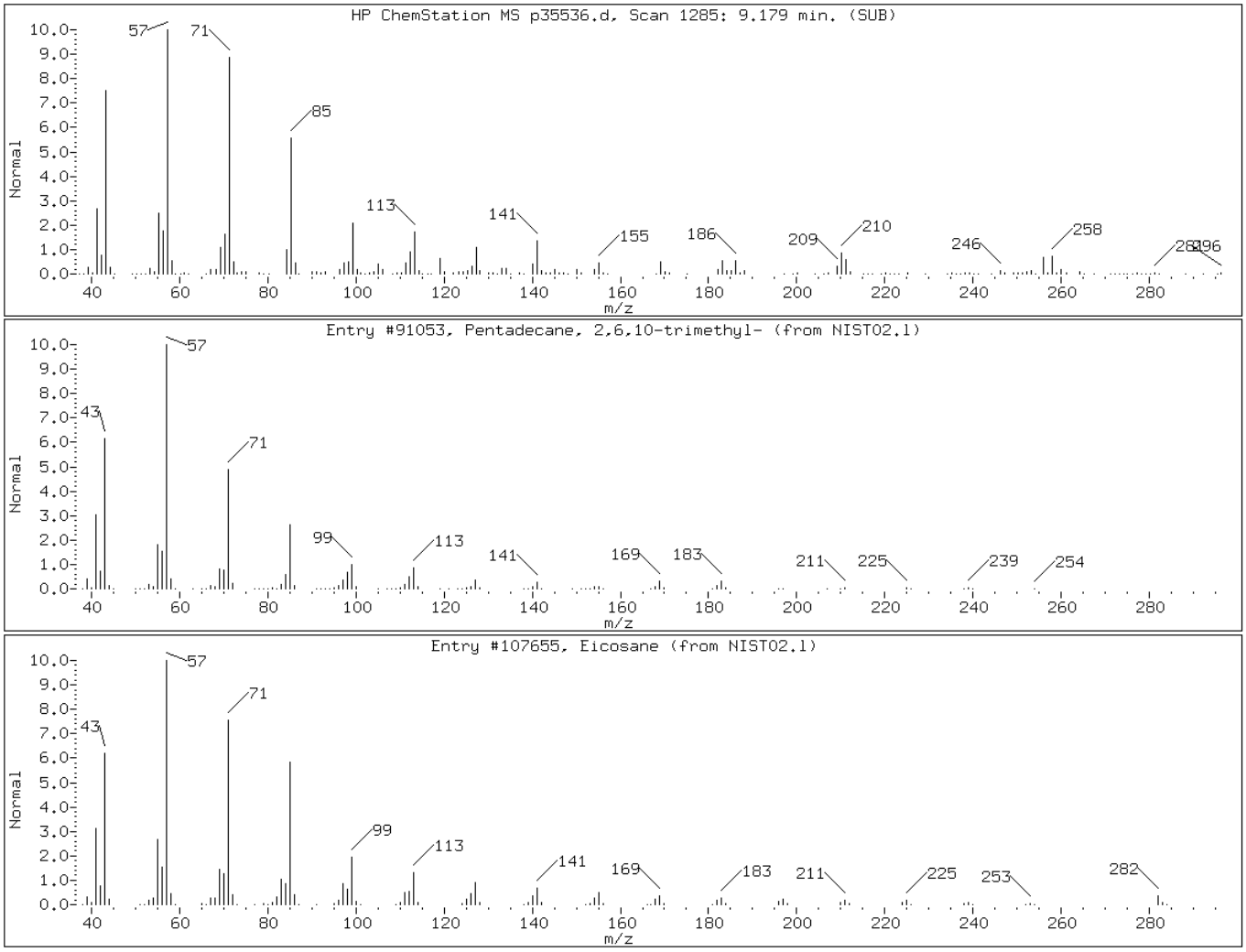
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 9.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254
Eicosane	112-95-8	NIST02.l	107655	86	C20H42	282



Data File: p35536.d

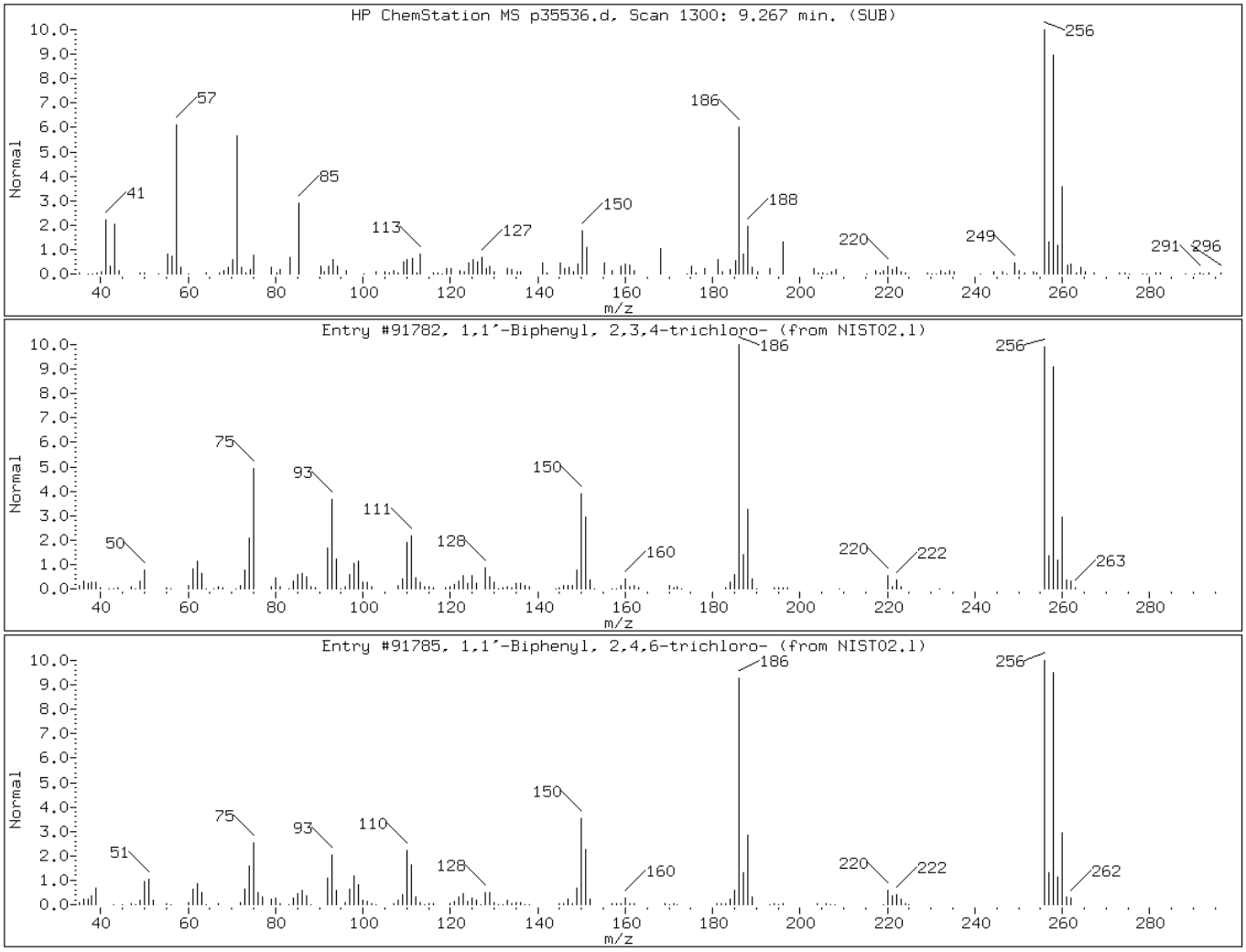
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 9.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	97	C12H7Cl3	256



Data File: p35536.d

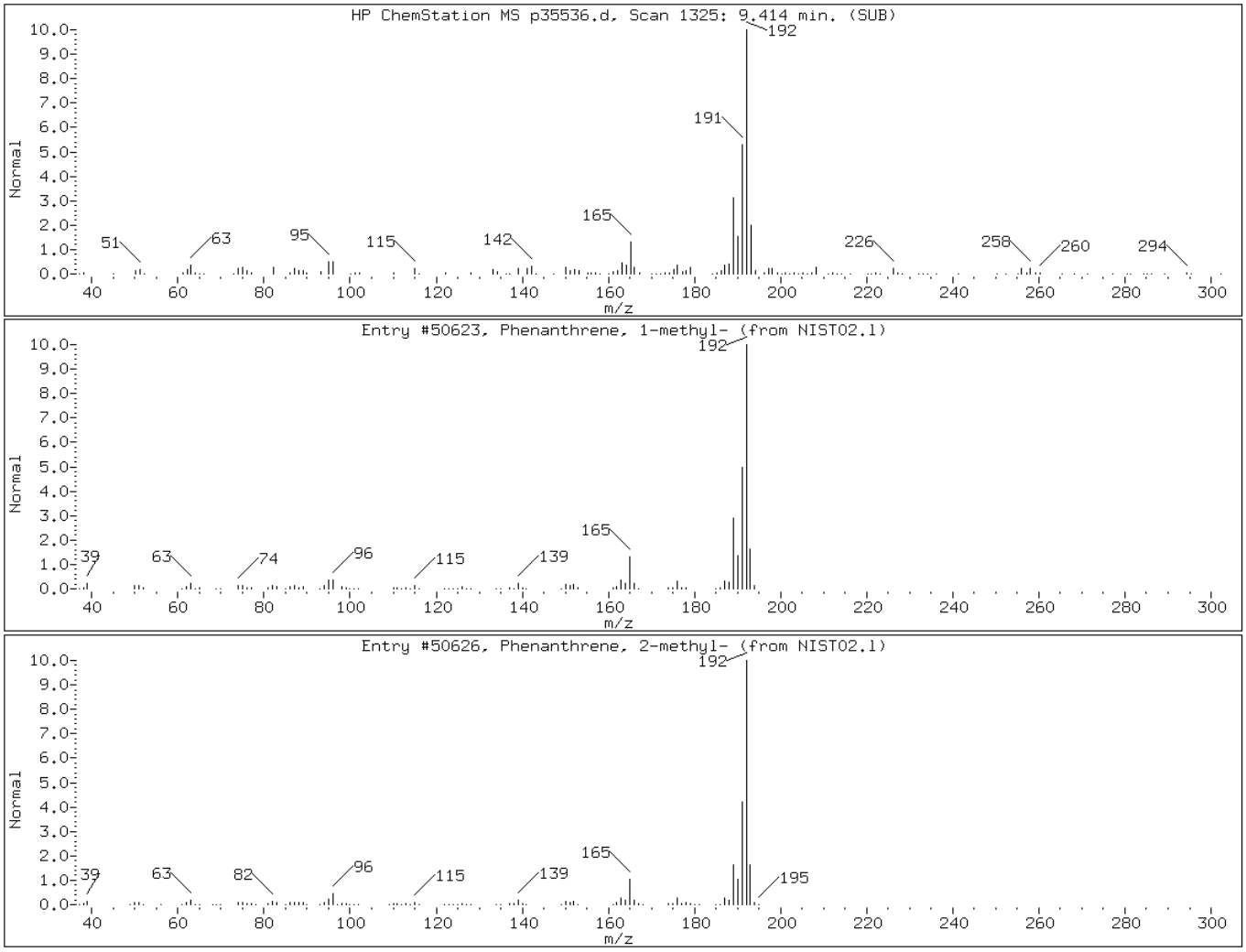
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 9.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	98	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	96	C15H12	192



Data File: p35536.d

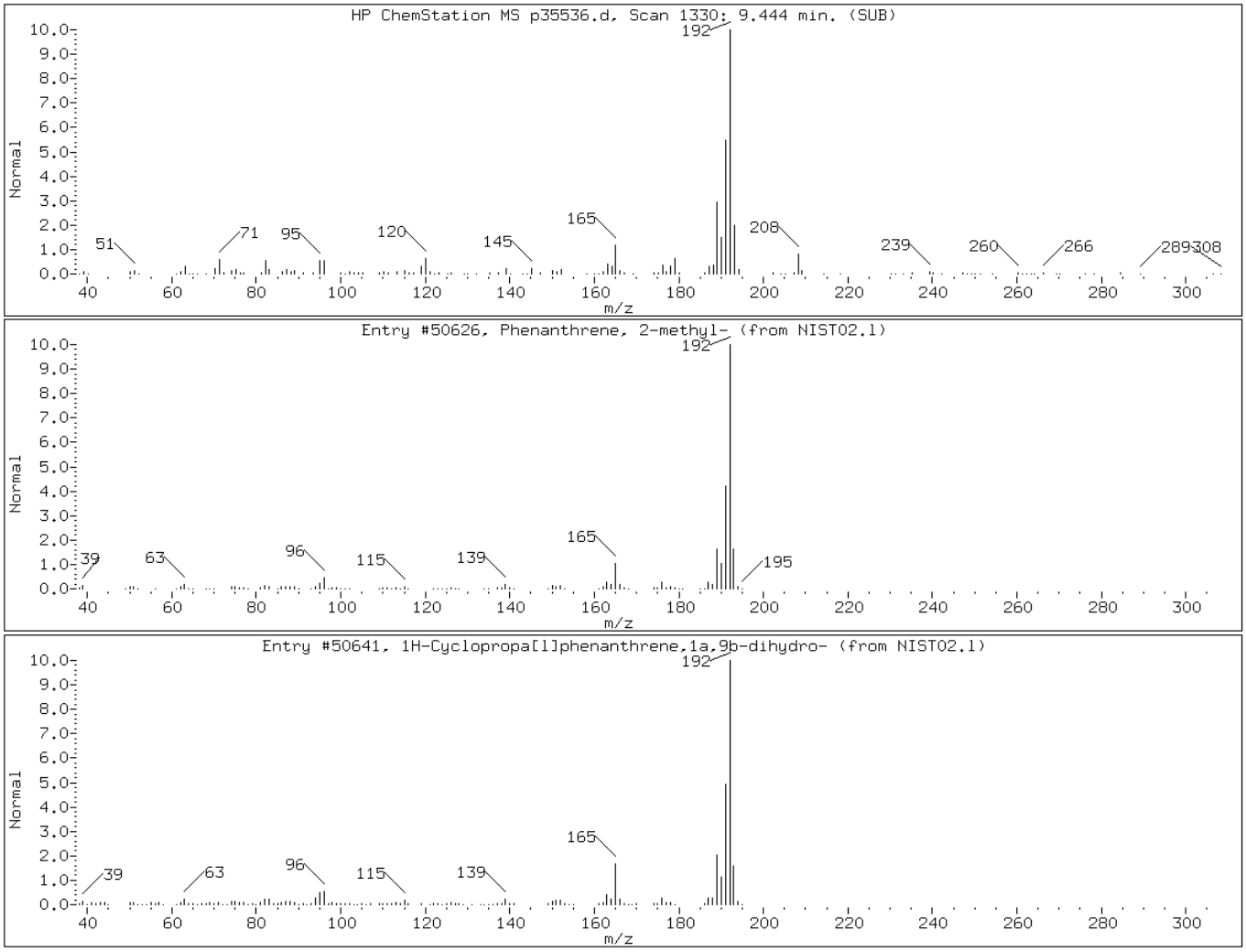
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 9.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	96	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b	949-41-7	NIST02.l	50641	94	C15H12	192



Data File: p35536.d

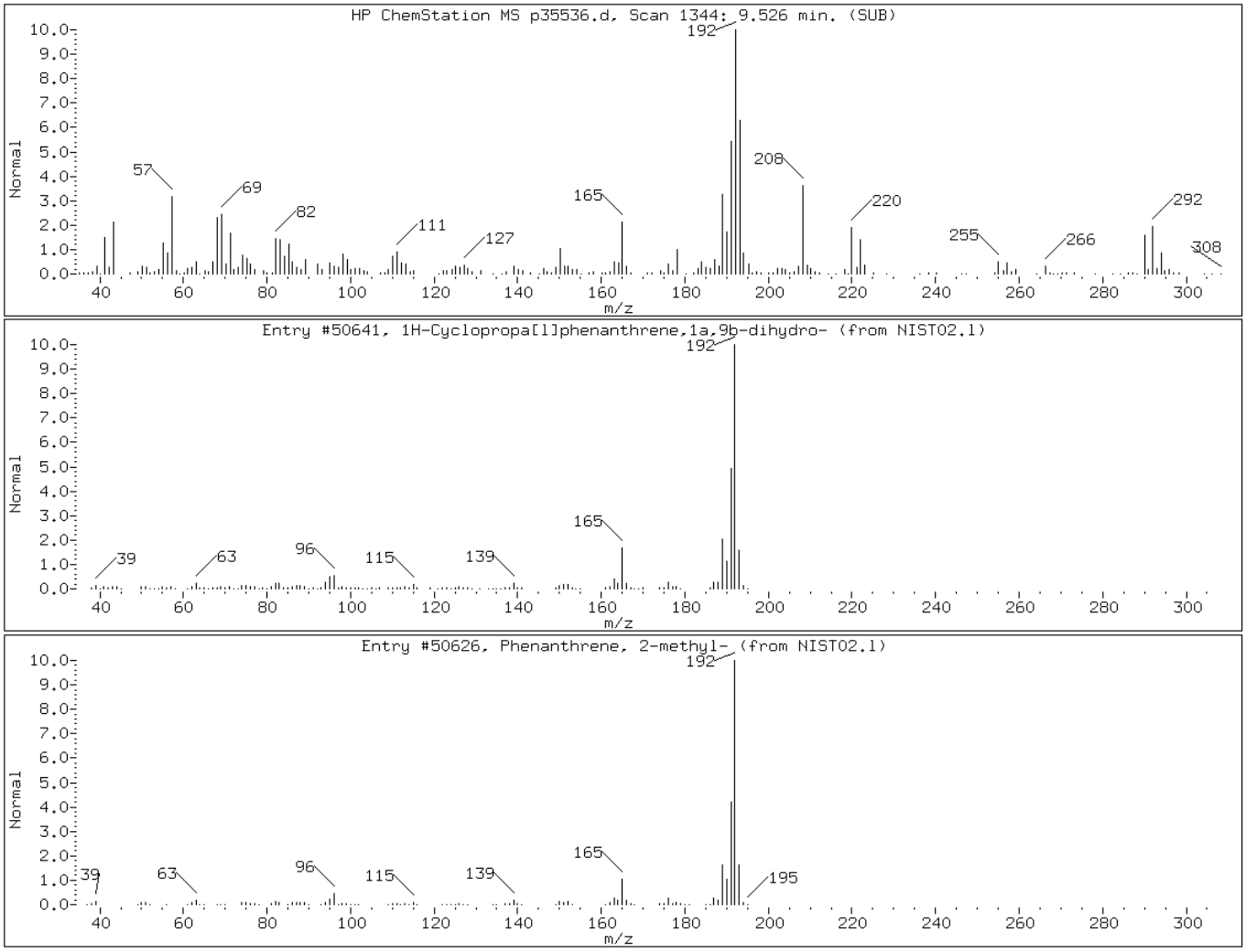
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 9.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-3						
1H-Cyclopropa[l]phenanthrene,1a,9b	949-41-7	NIST02.l	50641	55	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	55	C15H12	192



Data File: p35536.d

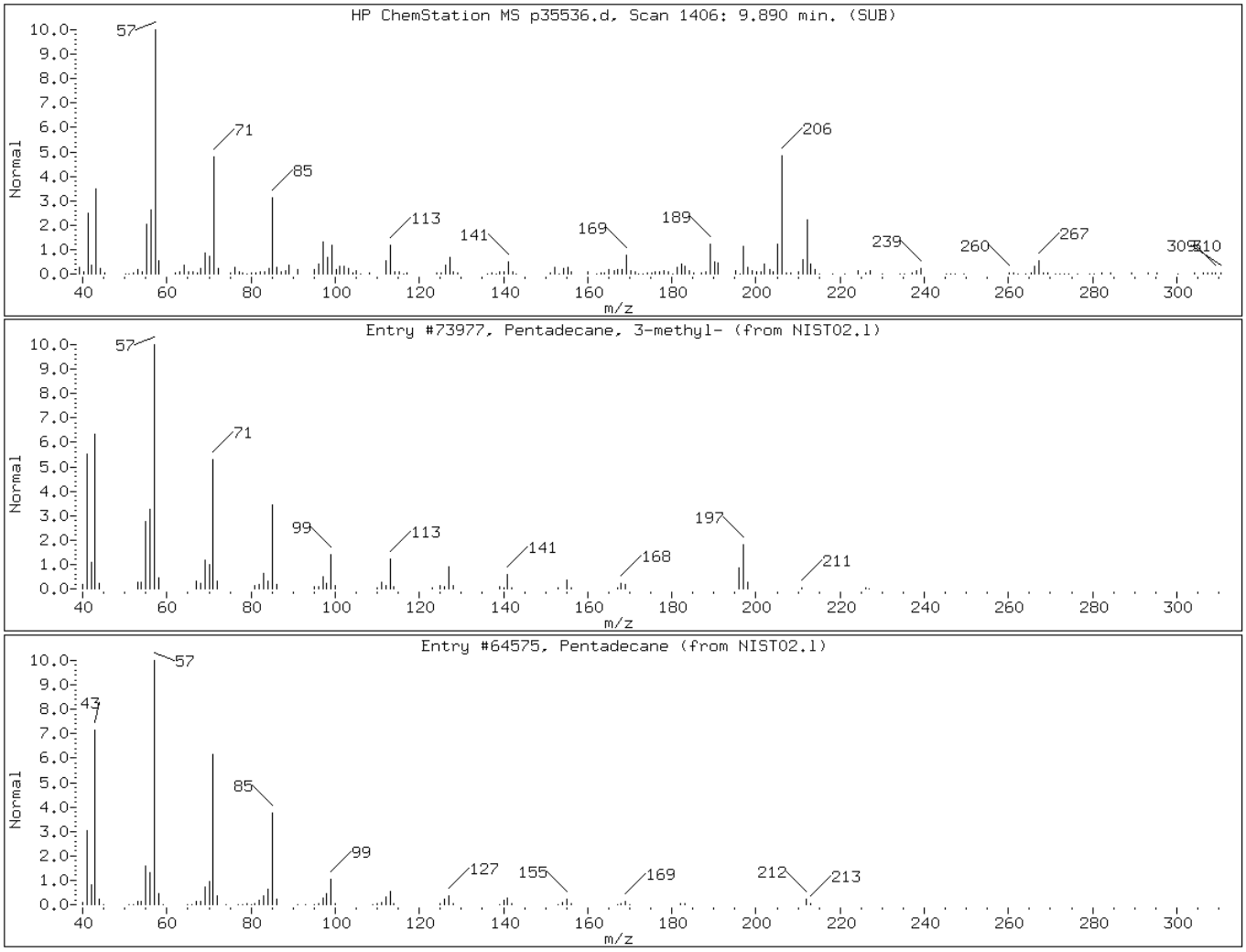
Date: 19-MAR-2013 18:26

Client ID: PMP-5-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-18-E Operator: BNAMS 4

Retention Time: 9.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Pentadecane, 3-methyl-	2882-96-4	NIST02.l	73977	64	C16H34	226
Pentadecane	629-62-9	NIST02.l	64575	55	C15H32	212



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI | Lab Sample ID: 460-52450-19

Matrix: Solid | Lab File ID: p35537.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 18:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.4	U	38	4.4
95-50-1	1,2-Dichlorobenzene	45	U	380	45
541-73-1	1,3-Dichlorobenzene	35	U	380	35
106-46-7	1,4-Dichlorobenzene	43	U	380	43
121-14-2	2,4-Dinitrotoluene	13	U	78	13
606-20-2	2,6-Dinitrotoluene	12	U	78	12
91-58-7	2-Chloronaphthalene	43	U	380	43
91-57-6	2-Methylnaphthalene	49	U	380	49
88-74-4	2-Nitroaniline	160	U	780	160
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
99-09-2	3-Nitroaniline	140	U	780	140
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
106-47-8	4-Chloroaniline	100	U	380	100
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
83-32-9	Acenaphthene	56	U	380	56
208-96-8	Acenaphthylene	45	U	380	45
120-12-7	Anthracene	47	U	380	47
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
108-60-1	bis (2-chloroisopropyl) ether	43	U	380	43
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
85-68-7	Butyl benzyl phthalate	35	U	380	35
86-74-8	Carbazole	45	U	380	45
218-01-9	Chrysene	45	U	380	45
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
131-11-3	Dimethyl phthalate	46	U	380	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI | Lab Sample ID: 460-52450-19

Matrix: Solid | Lab File ID: p35537.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 18:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	47	U	380	47
117-84-0	Di-n-octyl phthalate	25	U	380	25
206-44-0	Fluoranthene	51	U	380	51
86-73-7	Fluorene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
67-72-1	Hexachloroethane	4.3	U	38	4.3
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
78-59-1	Isophorone	47	U	380	47
91-20-3	Naphthalene	44	U	380	44
98-95-3	Nitrobenzene	5.5	U	38	5.5
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-01-8	Phenanthrene	180	J	380	49
129-00-0	Pyrene	32	U	380	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	79		40-109
4165-60-0	Nitrobenzene-d5	80		38-105
1718-51-0	Terphenyl-d14	65		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI | Lab Sample ID: 460-52450-19

Matrix: Solid | Lab File ID: p35537.d

Analysis Method: 8270C | Date Collected: 03/14/2013 12:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 18:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 18180

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	8.10	790	J
	Unknown Alkane-2	8.37	4700	J
	Unknown Alkane-3	8.54	930	J
	Unknown-2	8.67	570	J
	Unknown Alkane-4	8.79	570	J
	Unknown Alkane-5	8.82	3500	J
	Unknown Alkane-7	9.17	890	J
	Trichloro-1,1-biphenyl isomer	9.25	1100	J
	C15H12 PAH-1	9.40	770	J
	C15H12 PAH-2	9.43	860	J
	Unknown Alkane-8	9.47	460	J
	C15H12 PAH-3	9.50	1300	J
	Unknown-3	9.63	560	J
	Tetrachloro-1,1-biphenyl isomer	9.68	640	J
	Unknown Alkane-11	9.89	540	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35537.d
Report Date: 22-Mar-2013 09:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35537.d
Lab Smp Id: 460-52450-F-19-E Client Smp ID: PMP-5-NE-SI
Inj Date : 19-MAR-2013 18:51
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-19-E
Misc Info : 460-52450-F-19-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 14
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	15.04000	Weight of sample extracted (g)
M	14.12844	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.163	3.110	(0.718)	2082415	67.3597	5200
$ 17 Phenol-d5 (SUR)	99	4.044	4.044	(0.919)	2362728	66.6756	5200
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	911832	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	1159274	39.8969	3100
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2734378	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1765046	39.6808	3100
125 1,3-Dimethylnaphthalene	156	7.099	7.111	(0.954)	10441	0.30580	24(a)
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1311354	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.222	8.221	(1.105)	353804	64.8967	5000
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1232969	40.0000	
52 Phenanthrene	178	8.927	8.927	(1.003)	76773	2.28444	180(a)
57 Pyrene	202	10.325	10.325	(0.883)	11554	0.37497	29(a)
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	697209	32.4929	2500

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35537.d
Report Date: 22-Mar-2013 09:59

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	677727	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	634672	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35537.d

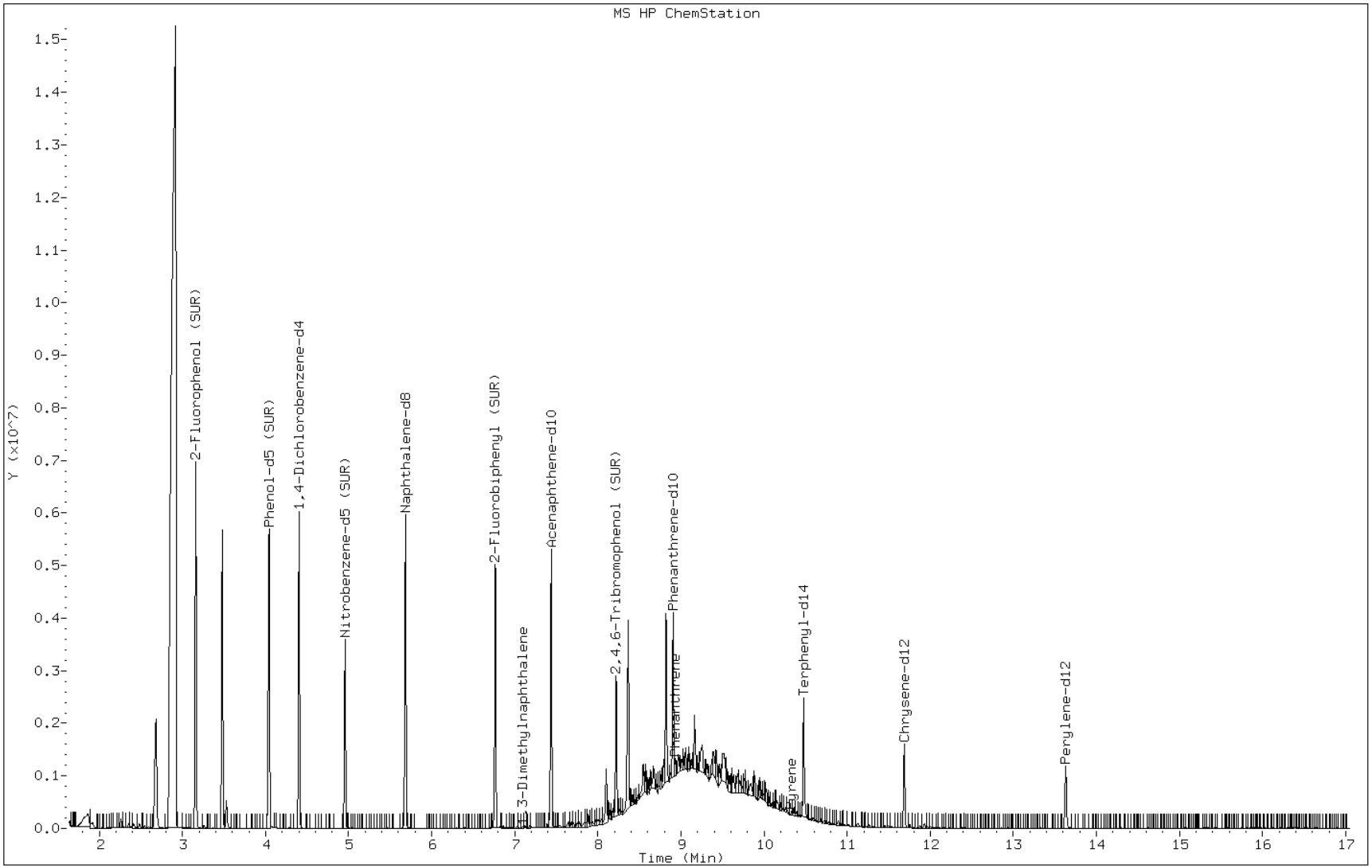
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI

Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E

Operator: BNAMS 4



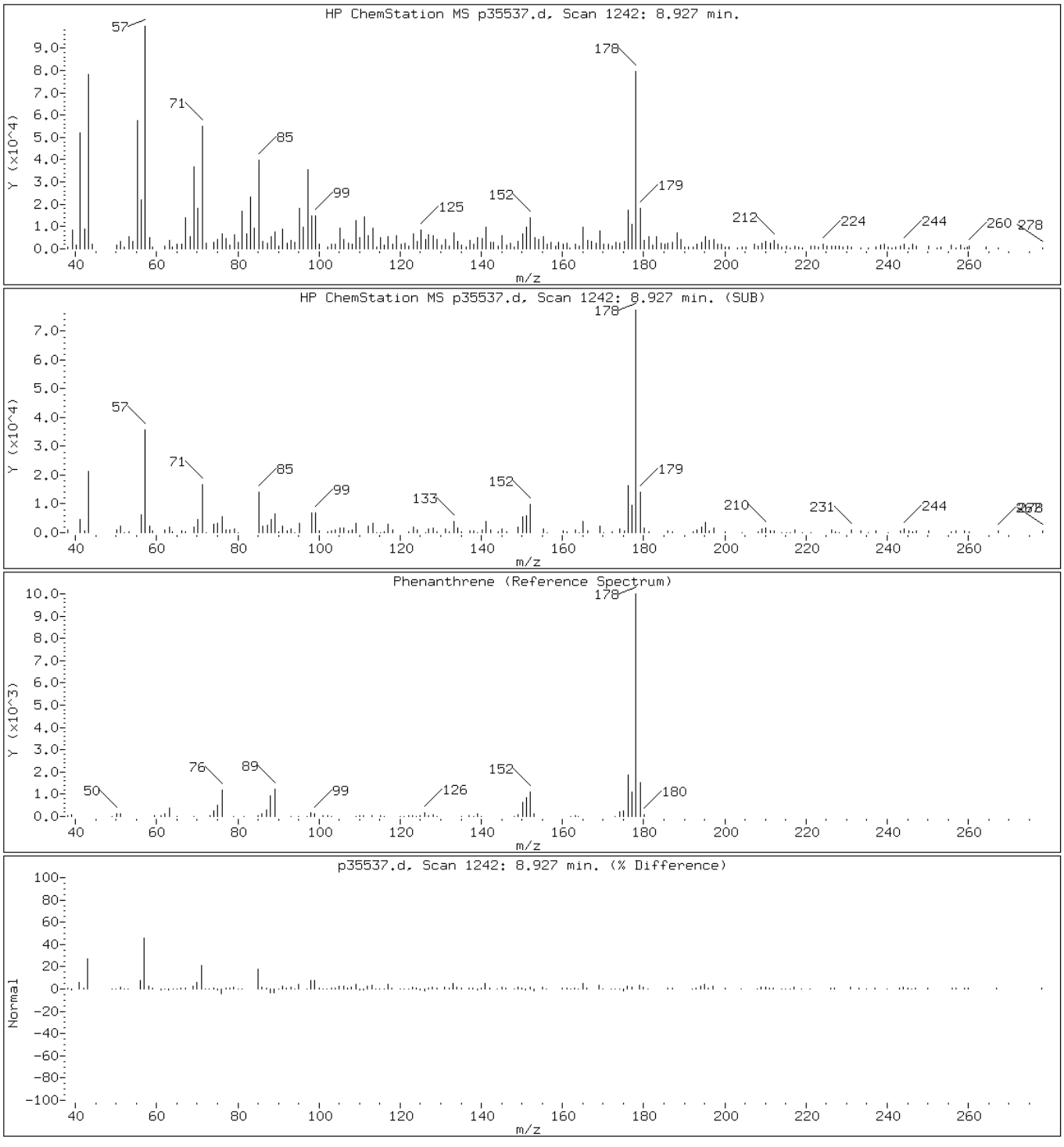
Data File: p35537.d

Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

52 Phenanthrene



Data File: p35537.d

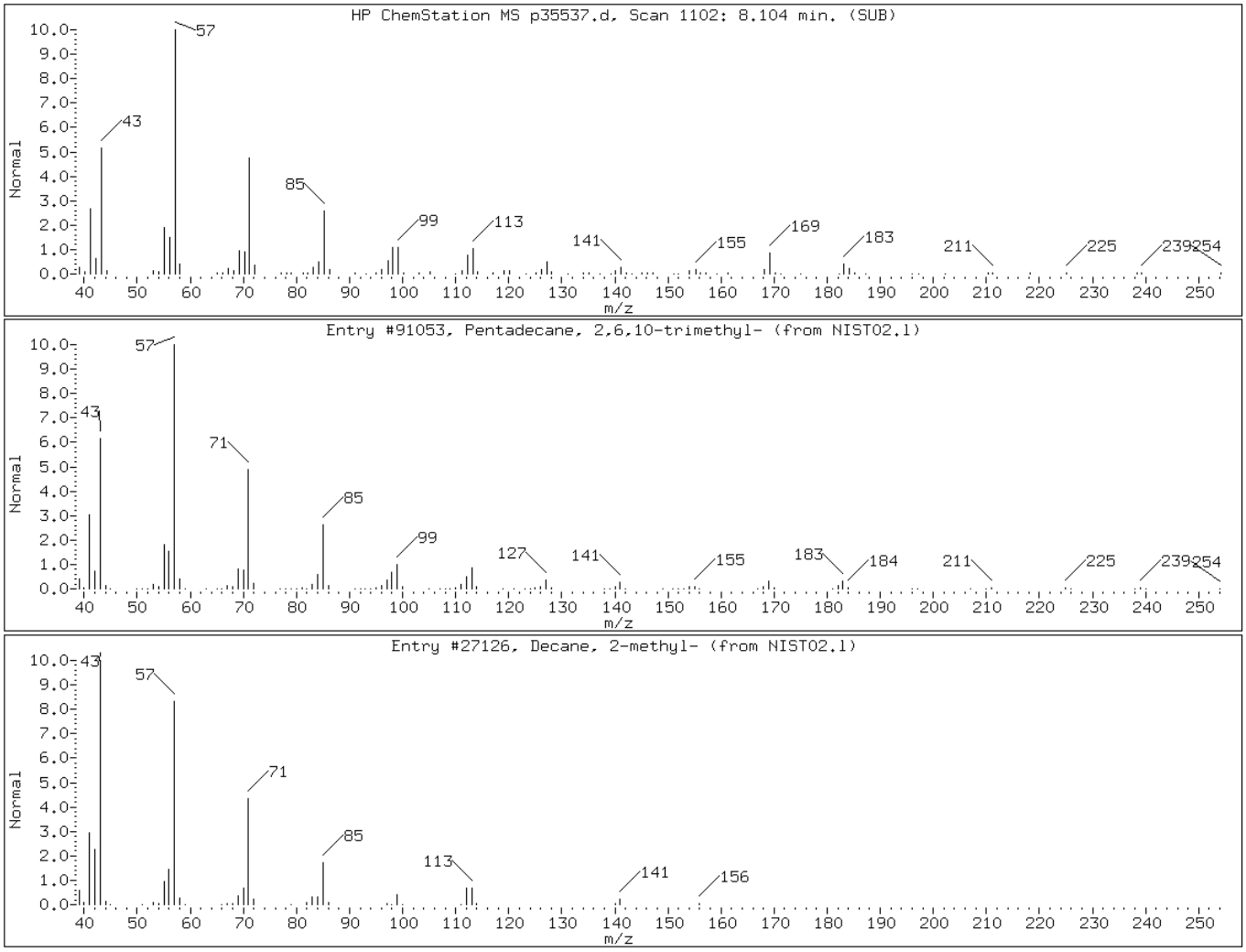
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254
Decane, 2-methyl-	6975-98-0	NIST02.l	27126	76	C11H24	156



Data File: p35537.d

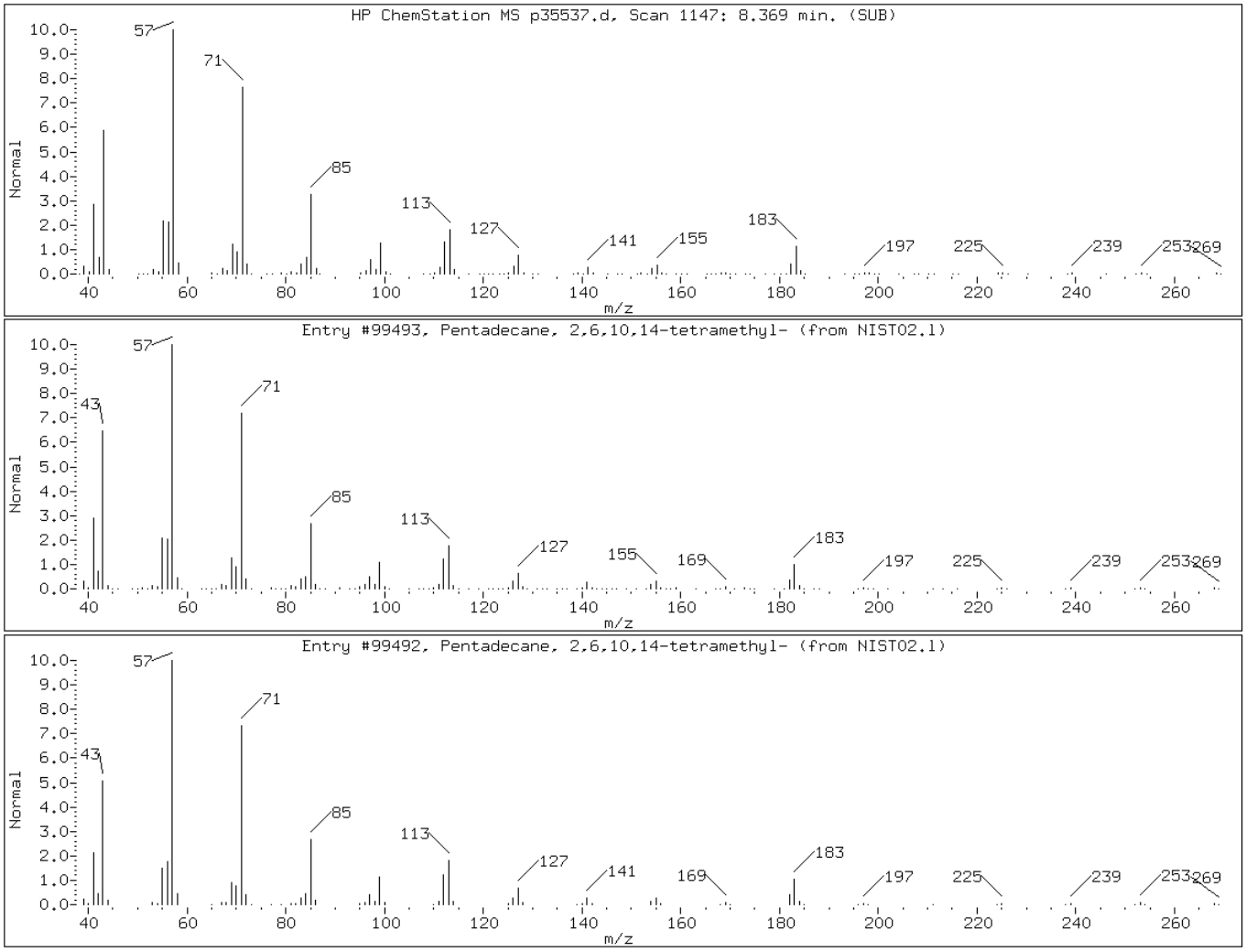
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	99	C19H40	268



Data File: p35537.d

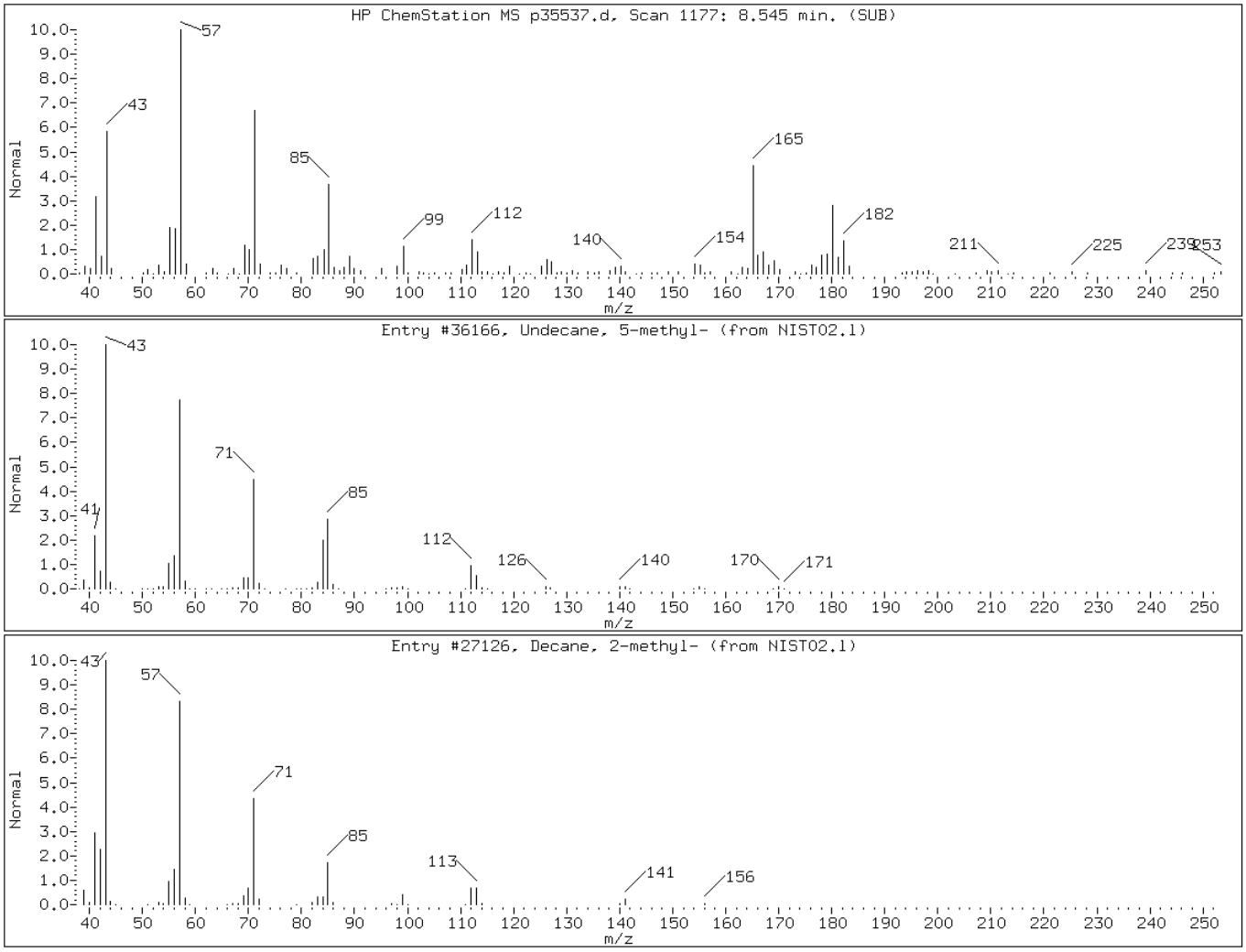
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Undecane, 5-methyl-	1632-70-8	NIST02.l	36166	46	C12H26	170
Decane, 2-methyl-	6975-98-0	NIST02.l	27126	45	C11H24	156



Data File: p35537.d

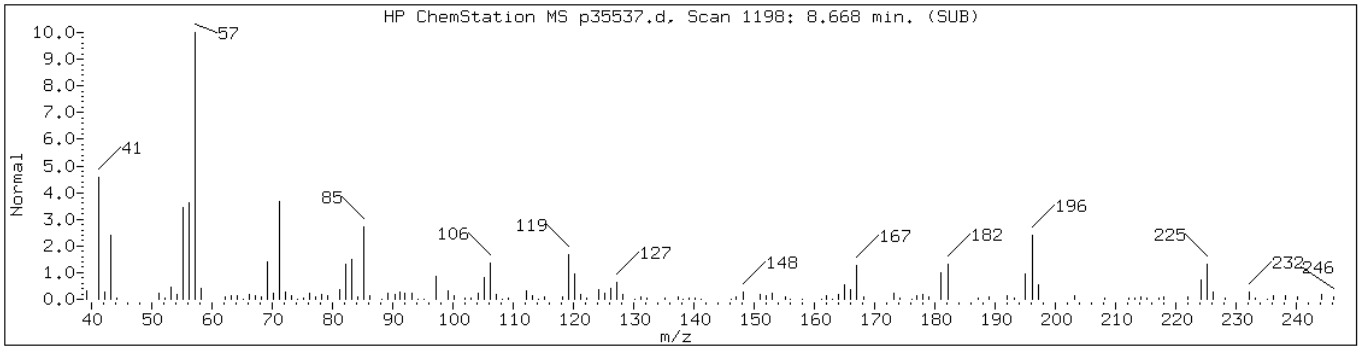
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 8.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: p35537.d

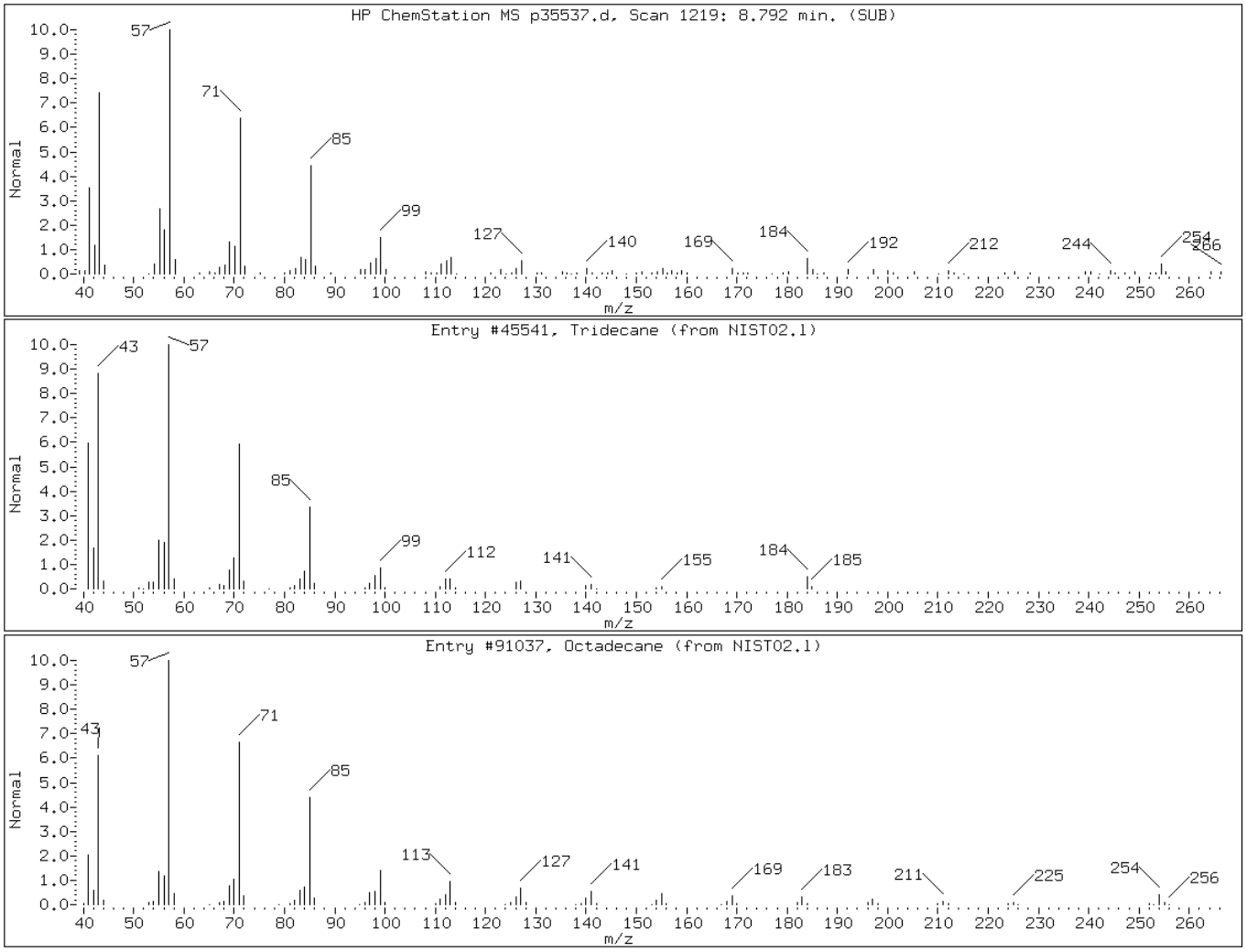
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45541	93	C13H28	184
Octadecane	593-45-3	NIST02.l	91037	93	C18H38	254



Data File: p35537.d

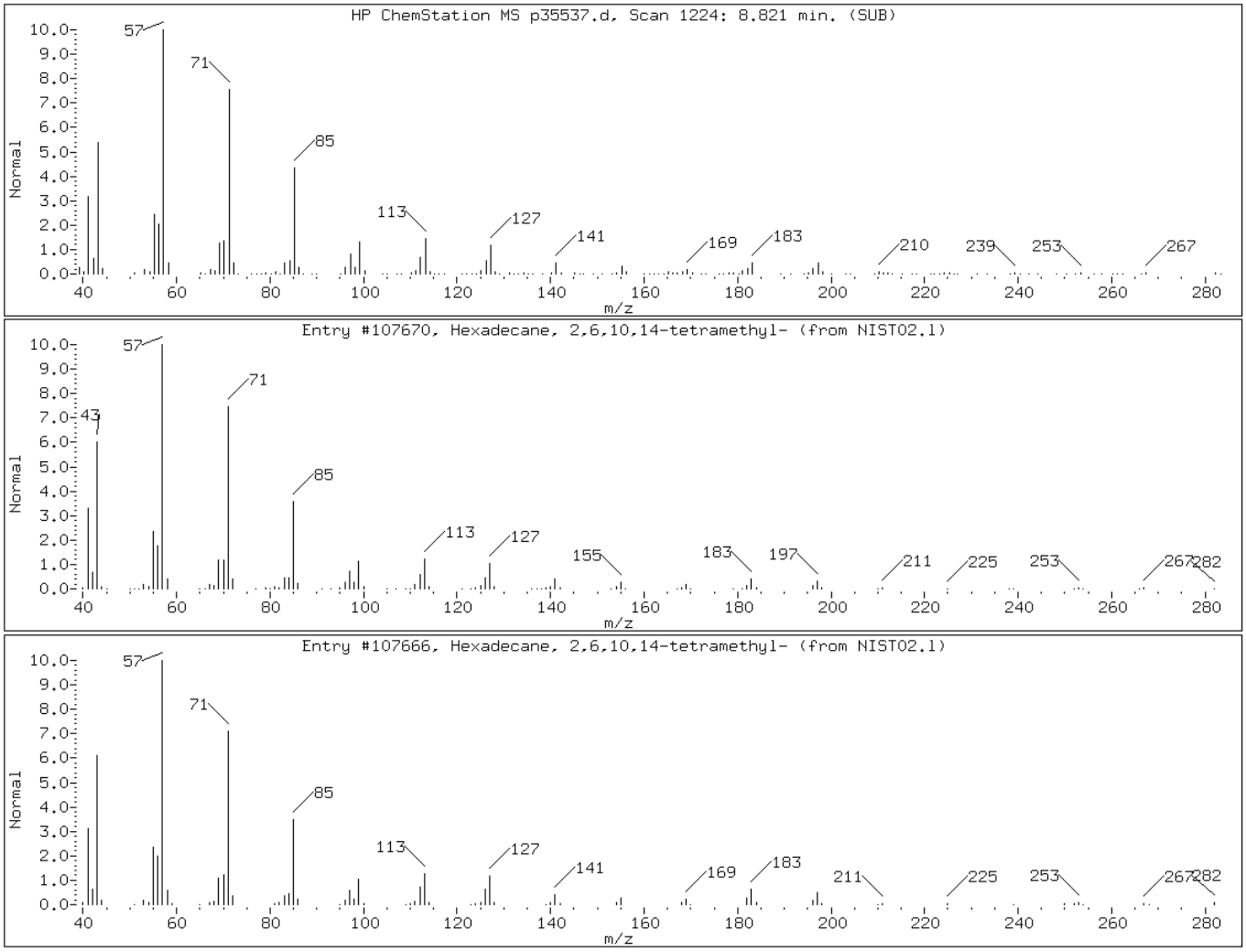
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	99	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	90	C20H42	282



Data File: p35537.d

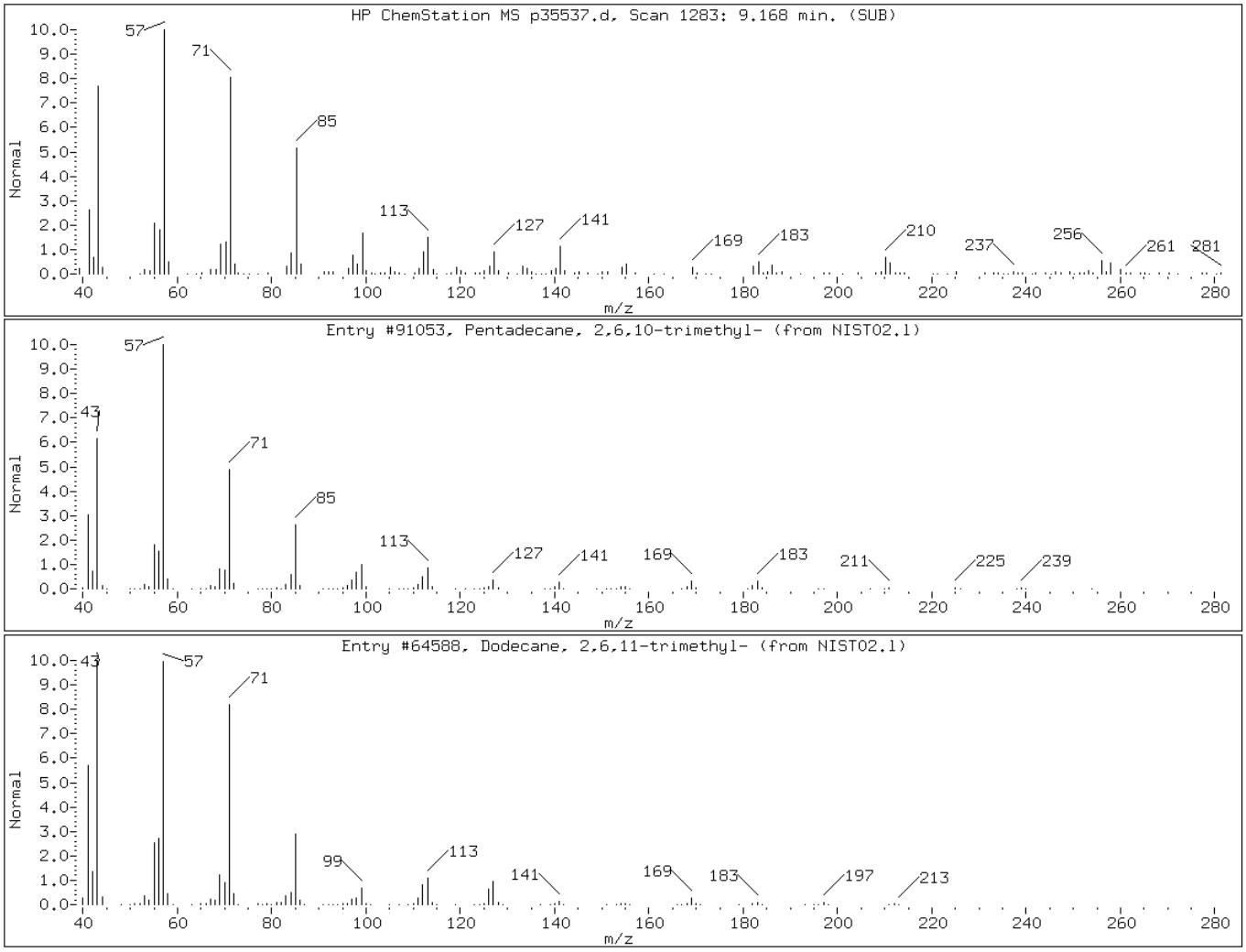
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	89	C15H32	212



Data File: p35537.d

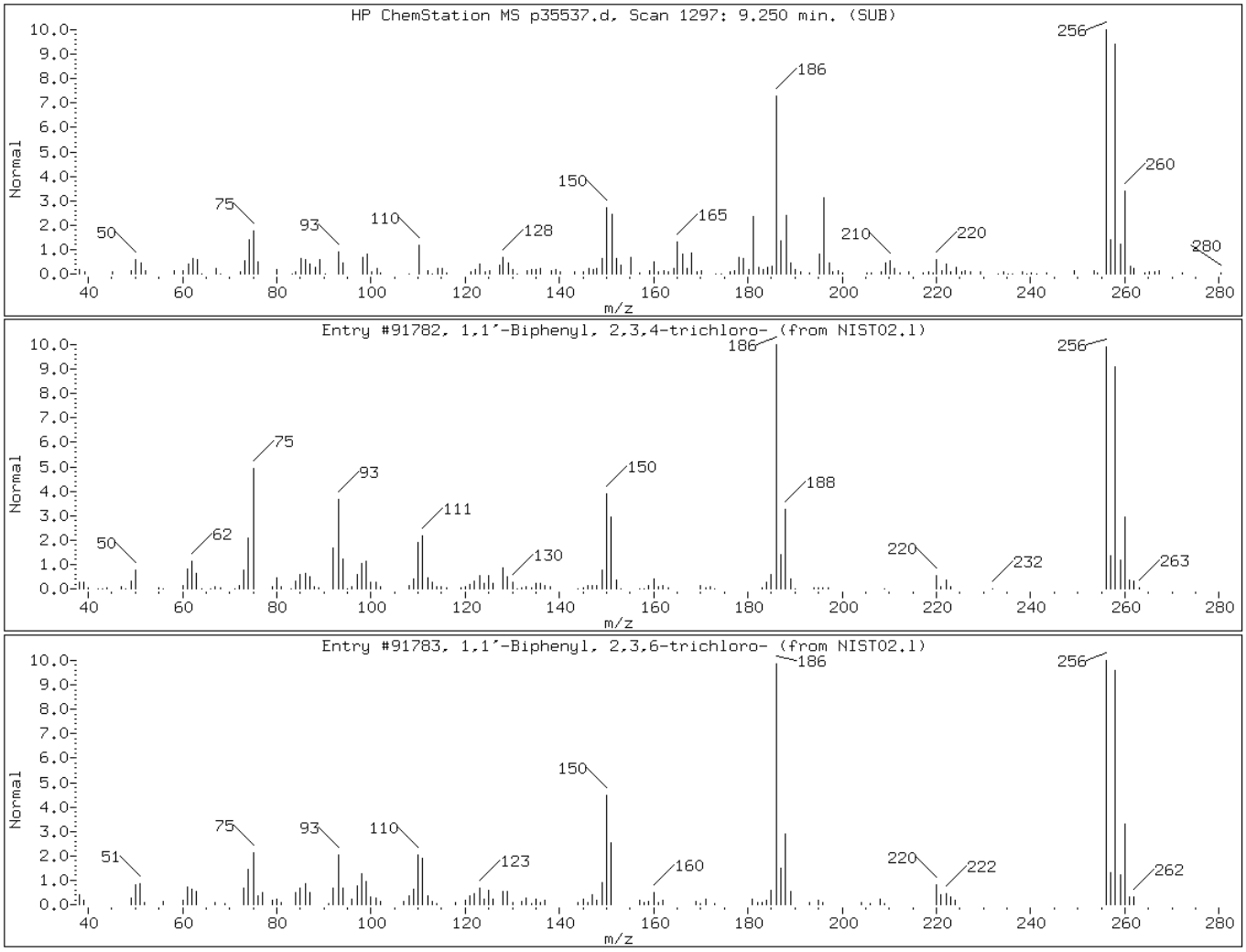
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256



Data File: p35537.d

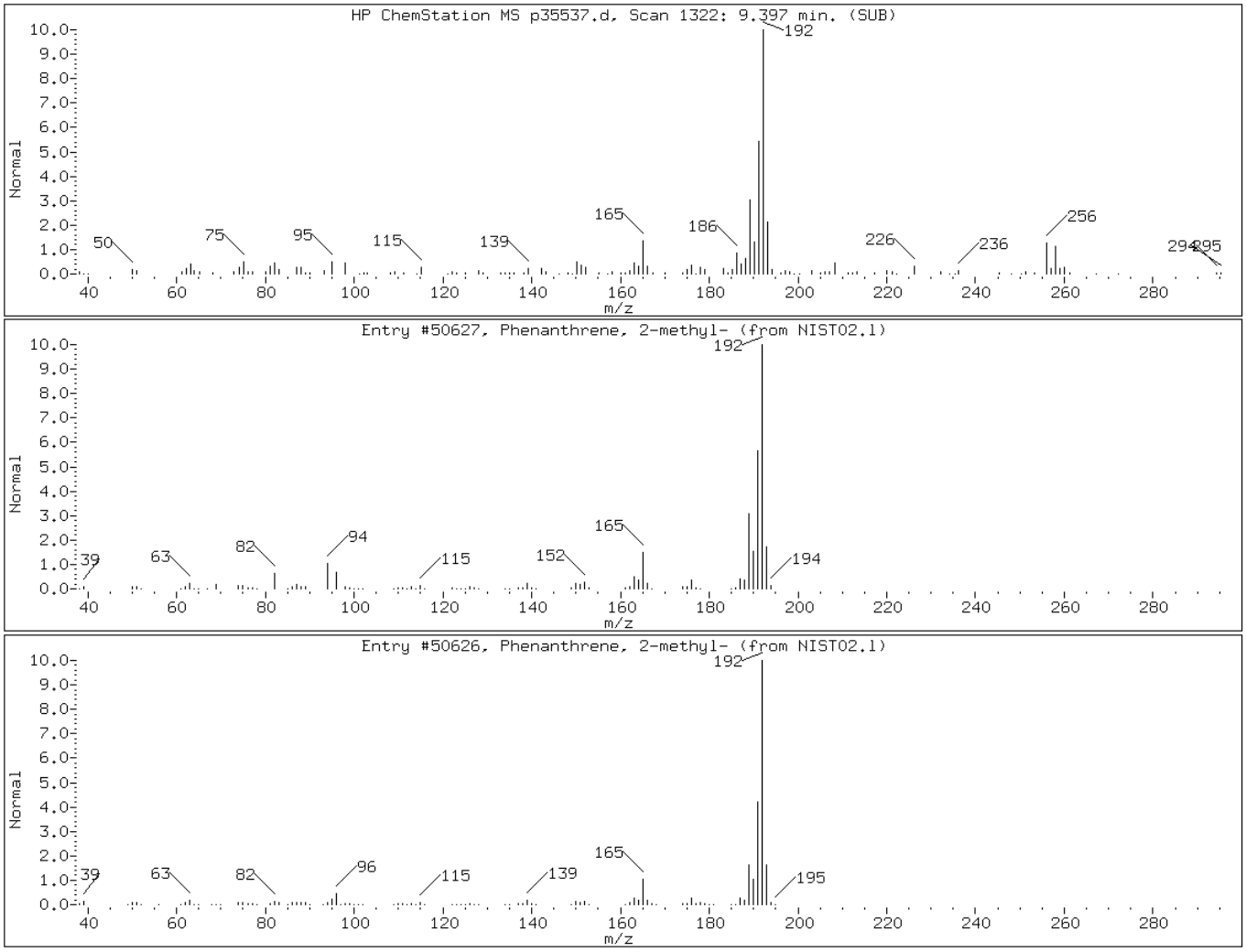
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50627	95	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	94	C15H12	192



Data File: p35537.d

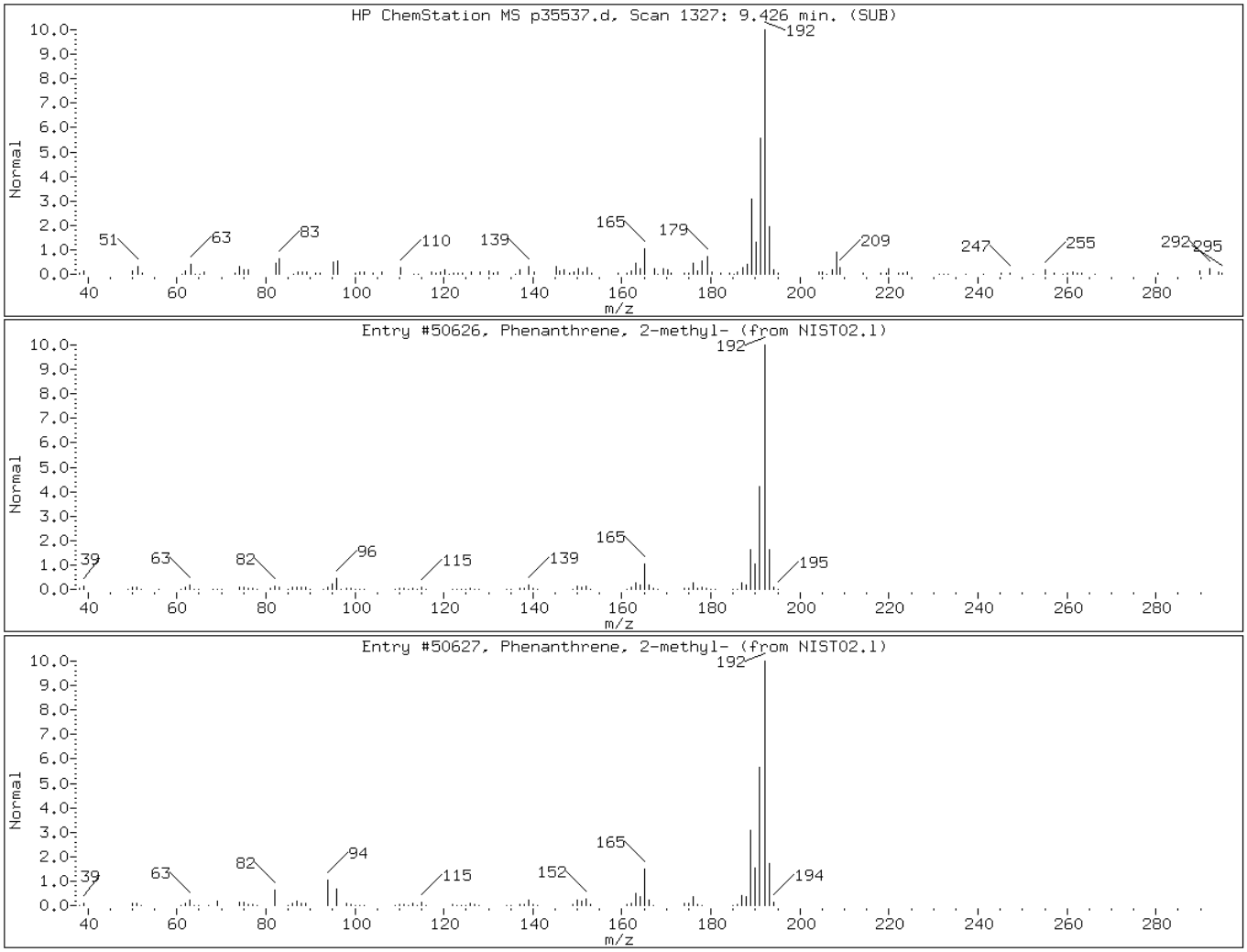
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	96	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50627	94	C15H12	192



Data File: p35537.d

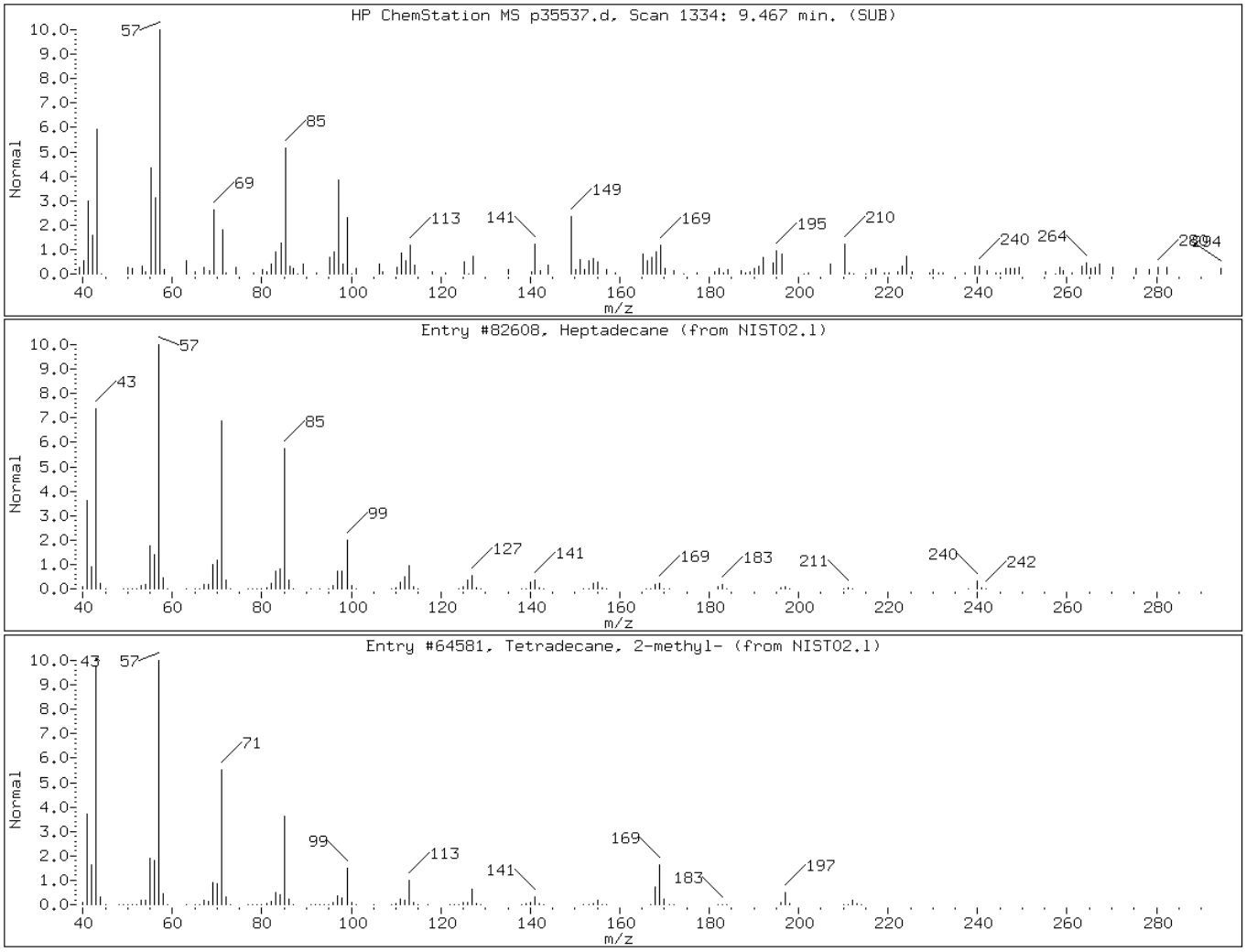
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Heptadecane	629-78-7	NIST02.l	82608	38	C17H36	240
Tetradecane, 2-methyl-	1560-95-8	NIST02.l	64581	38	C15H32	212



Data File: p35537.d

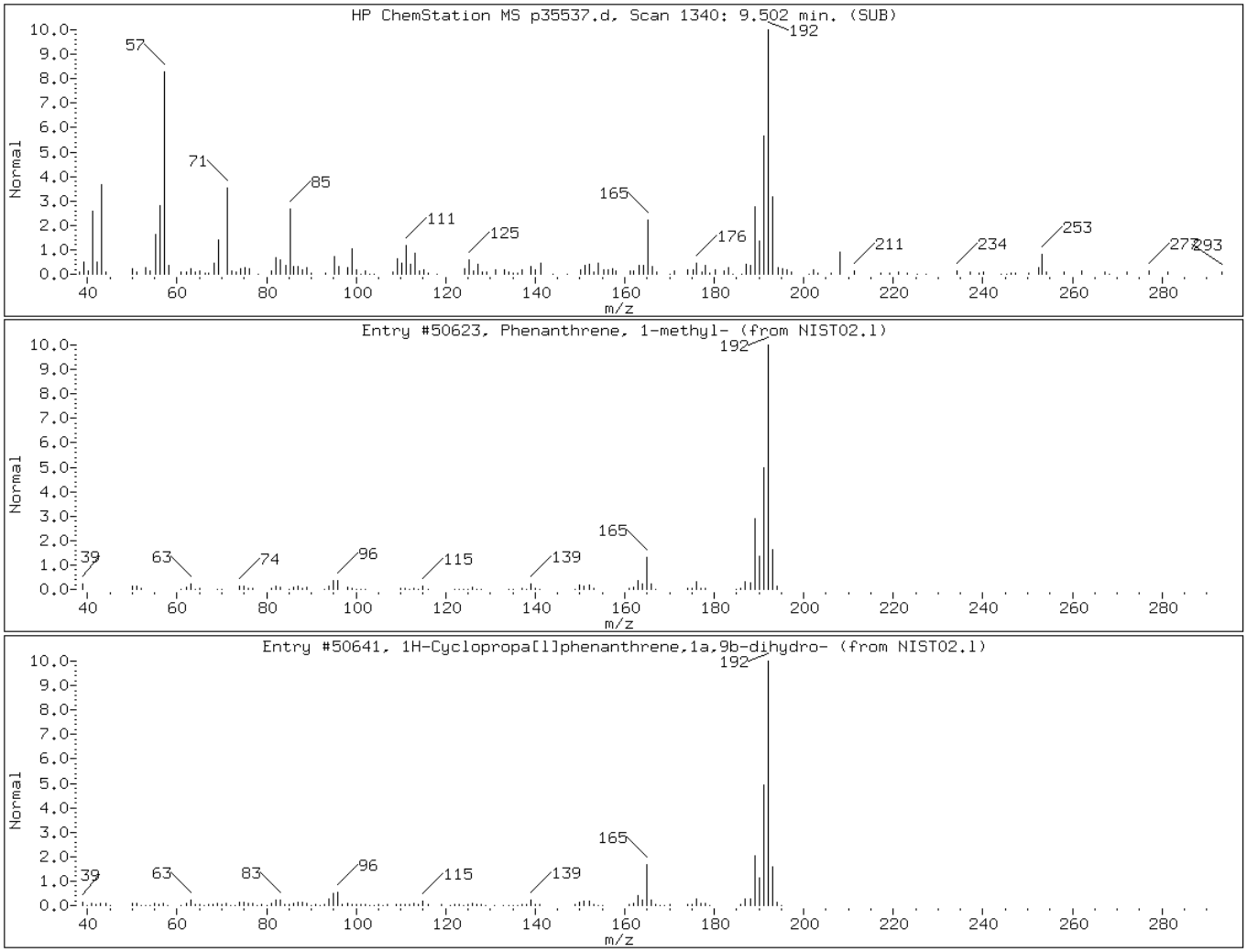
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-3						
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	91	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b	949-41-7	NIST02.l	50641	86	C15H12	192



Data File: p35537.d

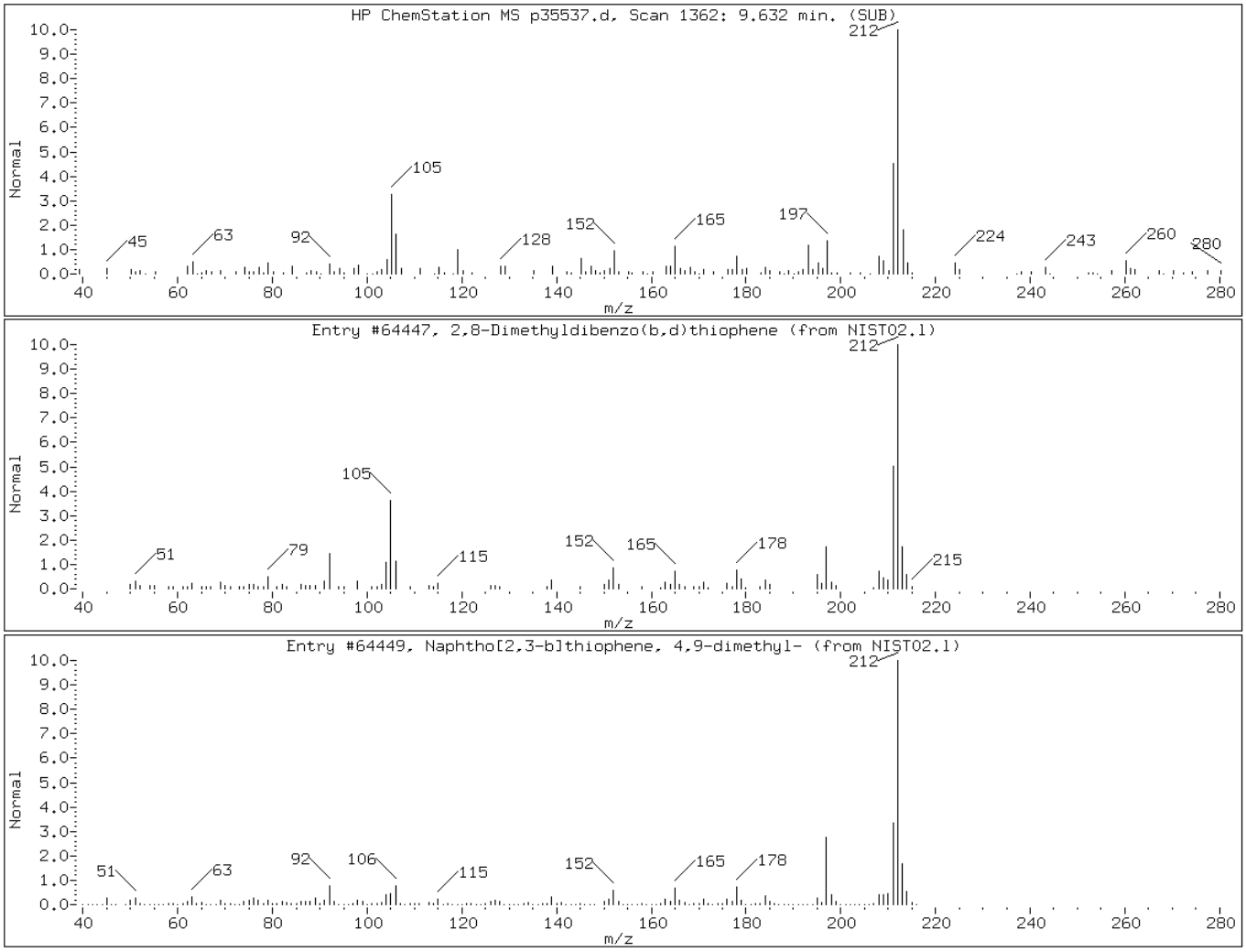
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2,8-Dimethyldibenzo(b,d)thiophene	1207-15-4	NIST02.l	64447	90	C14H12S	212
Naphtho[2,3-b]thiophene, 4,9-dimet	16587-34-1	NIST02.l	64449	70	C14H12S	212



Data File: p35537.d

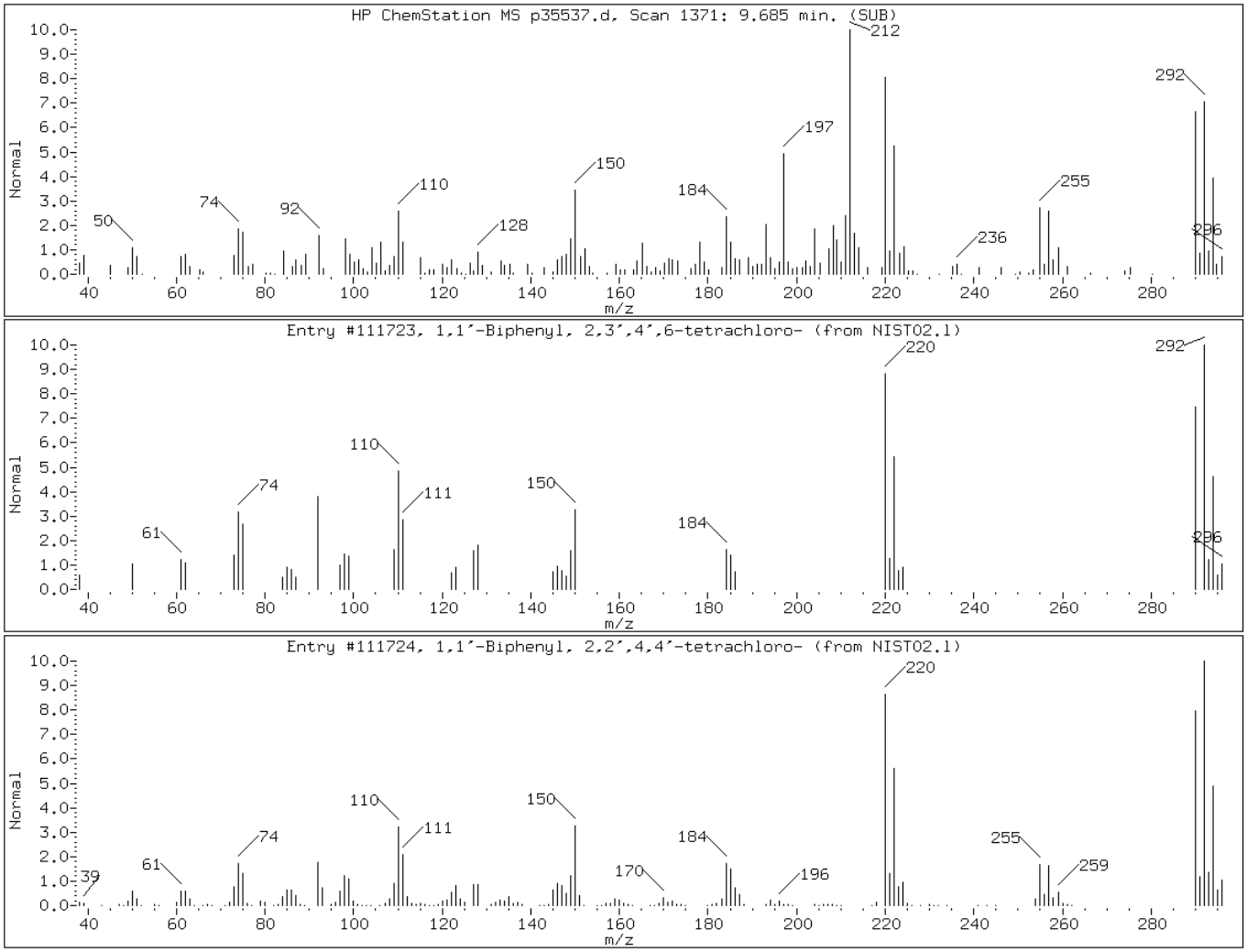
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3',4',6-tetrachlo	41464-46-4	NIST02.l	111723	97	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	96	C12H6Cl4	290



Data File: p35537.d

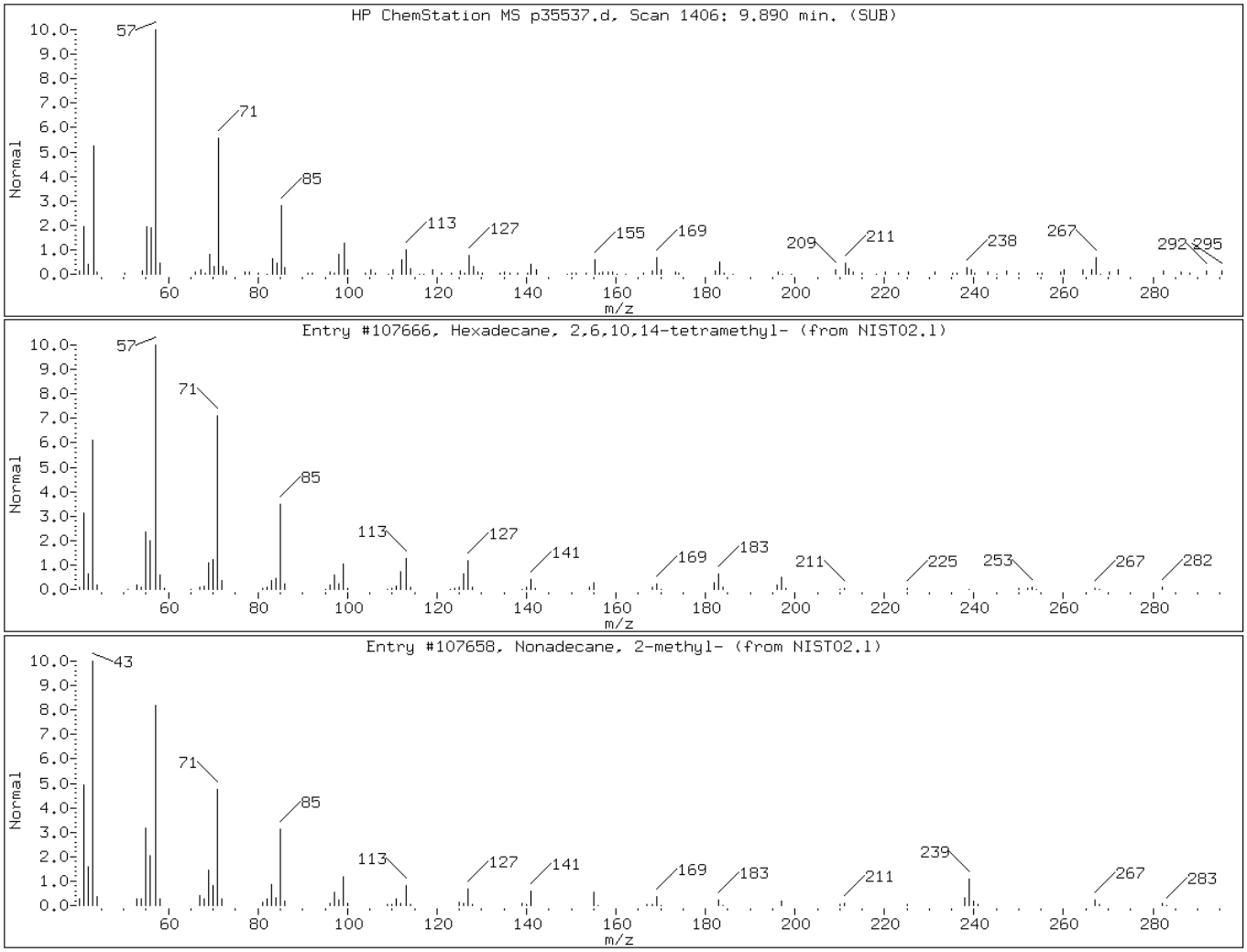
Date: 19-MAR-2013 18:51

Client ID: PMP-5-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-19-E Operator: BNAMS 4

Retention Time: 9.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	91	C20H42	282
Nonadecane, 2-methyl-	1560-86-7	NIST02.l	107658	87	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD | Lab Sample ID: 460-52450-20

Matrix: Solid | Lab File ID: p35577.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 12:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	58		35	4.0
95-50-1	1,2-Dichlorobenzene	41	U	350	41
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	39	U	350	39
121-14-2	2,4-Dinitrotoluene	12	U	71	12
606-20-2	2,6-Dinitrotoluene	11	U	71	11
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	150	U	710	150
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
99-09-2	3-Nitroaniline	120	U	710	120
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
106-47-8	4-Chloroaniline	93	U	350	93
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	41	U	350	41
120-12-7	Anthracene	43	U	350	43
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
108-60-1	bis (2-chloroisopropyl) ether	39	U	350	39
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	41	U	350	41
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
131-11-3	Dimethyl phthalate	42	U	350	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD | Lab Sample ID: 460-52450-20

Matrix: Solid | Lab File ID: p35577.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 12:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	47	U	350	47
86-73-7	Fluorene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	42	U	350	42
91-20-3	Naphthalene	41	U	350	41
98-95-3	Nitrobenzene	5.0	U	35	5.0
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-01-8	Phenanthrene	45	U	350	45
129-00-0	Pyrene	390		350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		40-109
4165-60-0	Nitrobenzene-d5	78		38-105
1718-51-0	Terphenyl-d14	64		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD | Lab Sample ID: 460-52450-20

Matrix: Solid | Lab File ID: p35577.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 12:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152146 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 136300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-6	8.41	46000	J
	Unknown-4	8.52	4500	J
	Unknown-5	8.58	6900	J
593-45-3	n-Octadecane	8.83	5100	
	Unknown Alkane-9	8.86	25000	J
	Trichloro-1,1-biphenyl isomer-1	9.03	3300	J
	Unknown Alkane-10	9.20	5400	J
	Trichloro-1,1-biphenyl isomer-2	9.28	13000	J
	Trichloro-1,1-biphenyl isomer-3	9.35	3600	J
	Tetrachloro-1,1-biphenyl isomer-1	9.54	6100	J
	Tetrachloro-1,1-biphenyl isomer-2	9.71	3400	J
	Unknown Alkane-12	9.90	3600	J
	Tetrachloro-1,1-biphenyl isomer-3	10.00	3100	J
	Tetrachloro-1,1-biphenyl isomer-4	10.03	3900	J
	Tetrachloro-1,1-biphenyl isomer-5	10.05	3400	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13.b/p35577.d
Report Date: 22-Mar-2013 10:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13.b/p35577.d
Lab Smp Id: 460-52450-F-20-E Client Smp ID: PMP-7-NE-VD
Inj Date : 20-MAR-2013 12:23
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-20-E
Misc Info : 460-52450-F-20-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13.b/8270C_11.m
Meth Date : 20-Mar-2013 03:54 asfawa Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 25
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	15.03000	Weight of sample extracted (g)
M	5.73477	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.145	3.110	(0.714)	1747216	68.6904	4800
$ 17 Phenol-d5 (SUR)	99	4.038	4.050	(0.917)	2083708	71.4672	5000
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.408	(1.000)	750237	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.967	(0.871)	932707	39.1161	2800
30 1,2,4-Trichlorobenzene	180	5.630	5.636	(0.990)	17209	0.82069	58
* 80 Naphthalene-d8	136	5.689	5.689	(1.000)	2243888	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.909)	1372895	41.5807	2900
* 82 Acenaphthene-d10	164	7.452	7.446	(1.000)	973396	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.245	8.222	(1.106)	258265	63.8198	4500
115 n-Octadecane	57	8.827	8.792	(0.993)	1224523	72.9125	5100
* 83 Phenanthrene-d10	188	8.938	8.909	(1.000)	1026584	40.0000	(H)
57 Pyrene	202	10.349	10.325	(0.884)	154825	5.48409	390
$ 78 Terphenyl-d14	244	10.495	10.478	(0.897)	624472	31.7640	2200

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13.b/p35577.d
Report Date: 22-Mar-2013 10:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.700	11.694	(1.000)	620952	40.0000	
* 84 Perylene-d12	264	13.639	13.633	(1.000)	601797	40.0000	

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: p35577.d

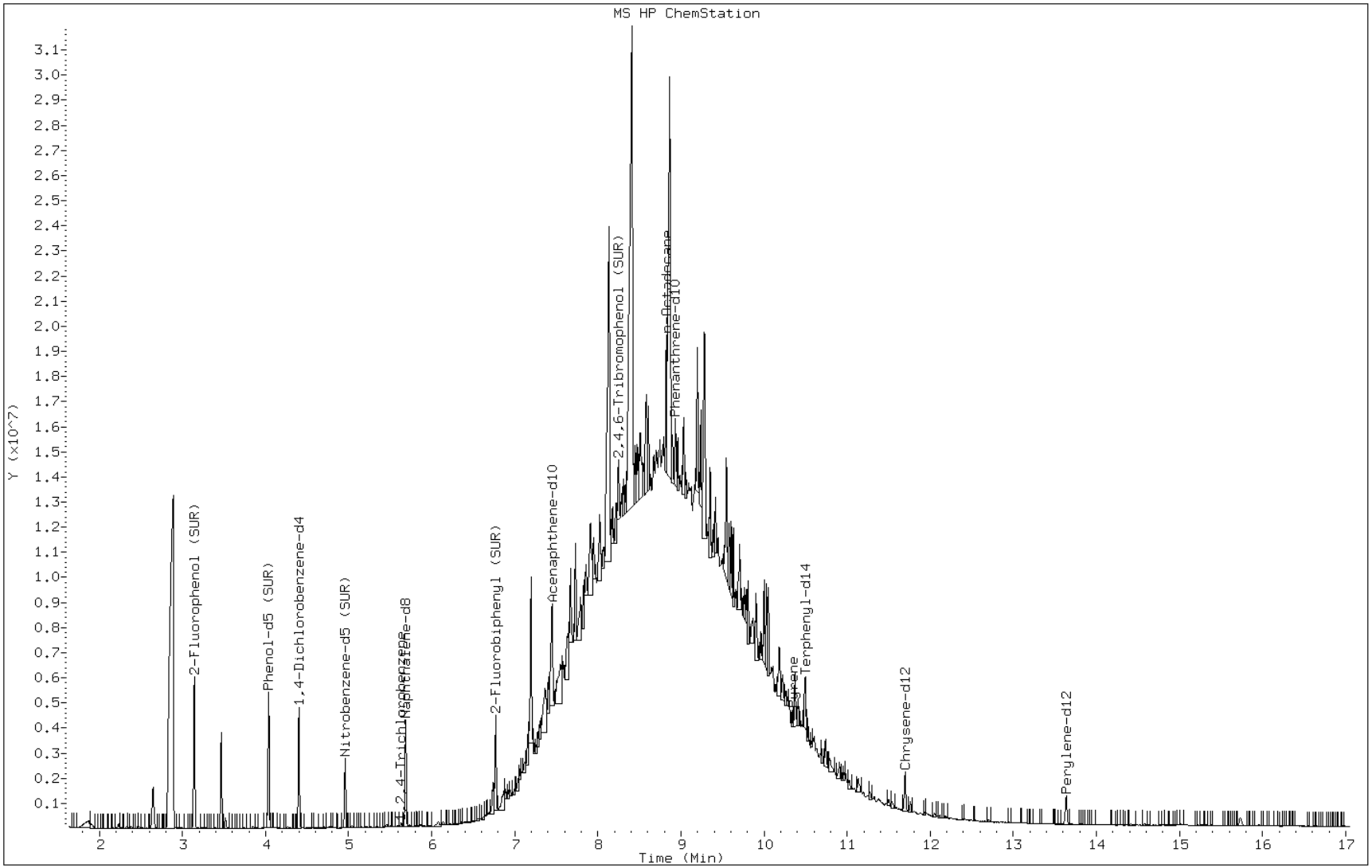
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E

Operator: BNAMS 4



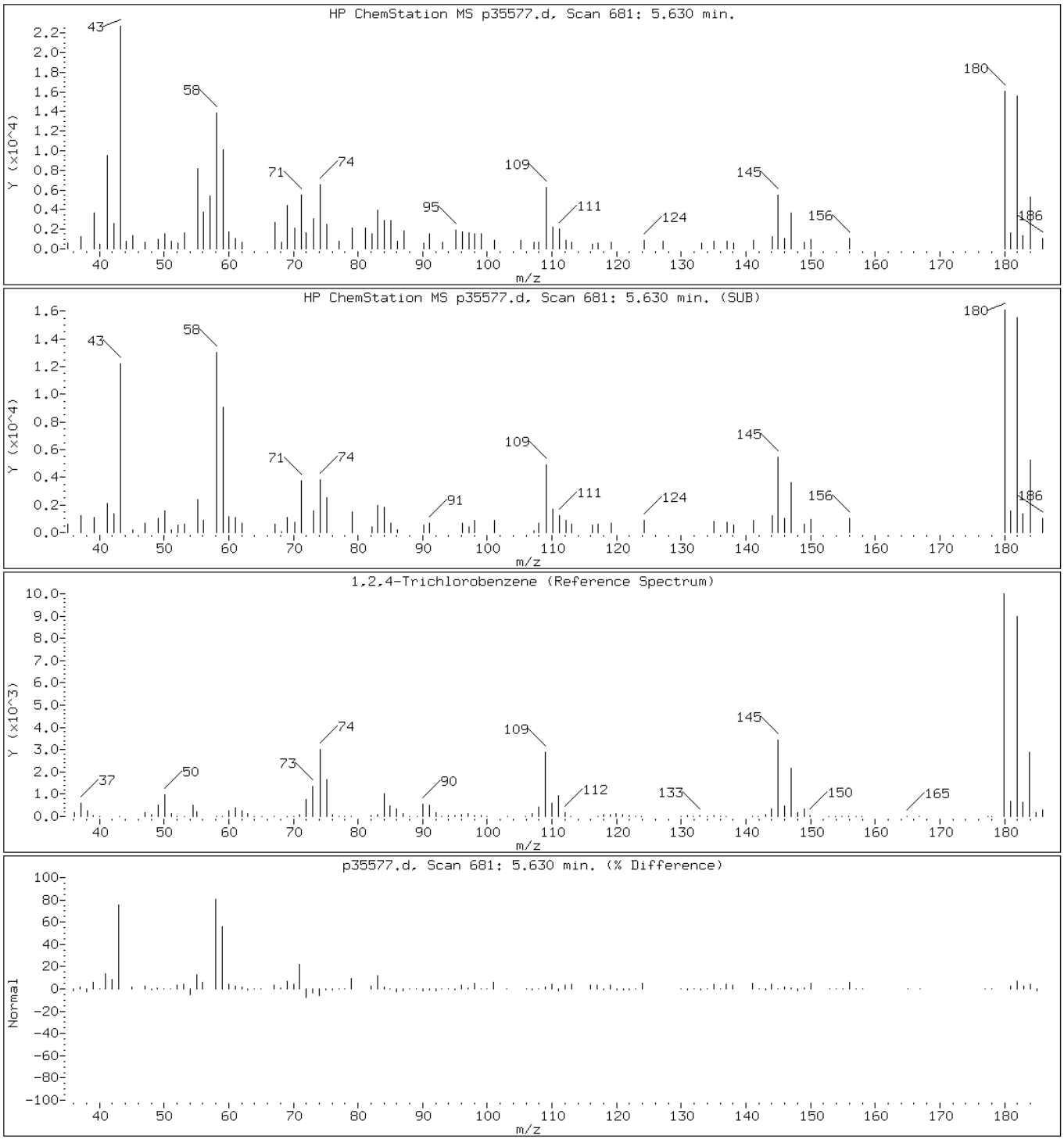
Data File: p35577.d

Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

30 1,2,4-Trichlorobenzene



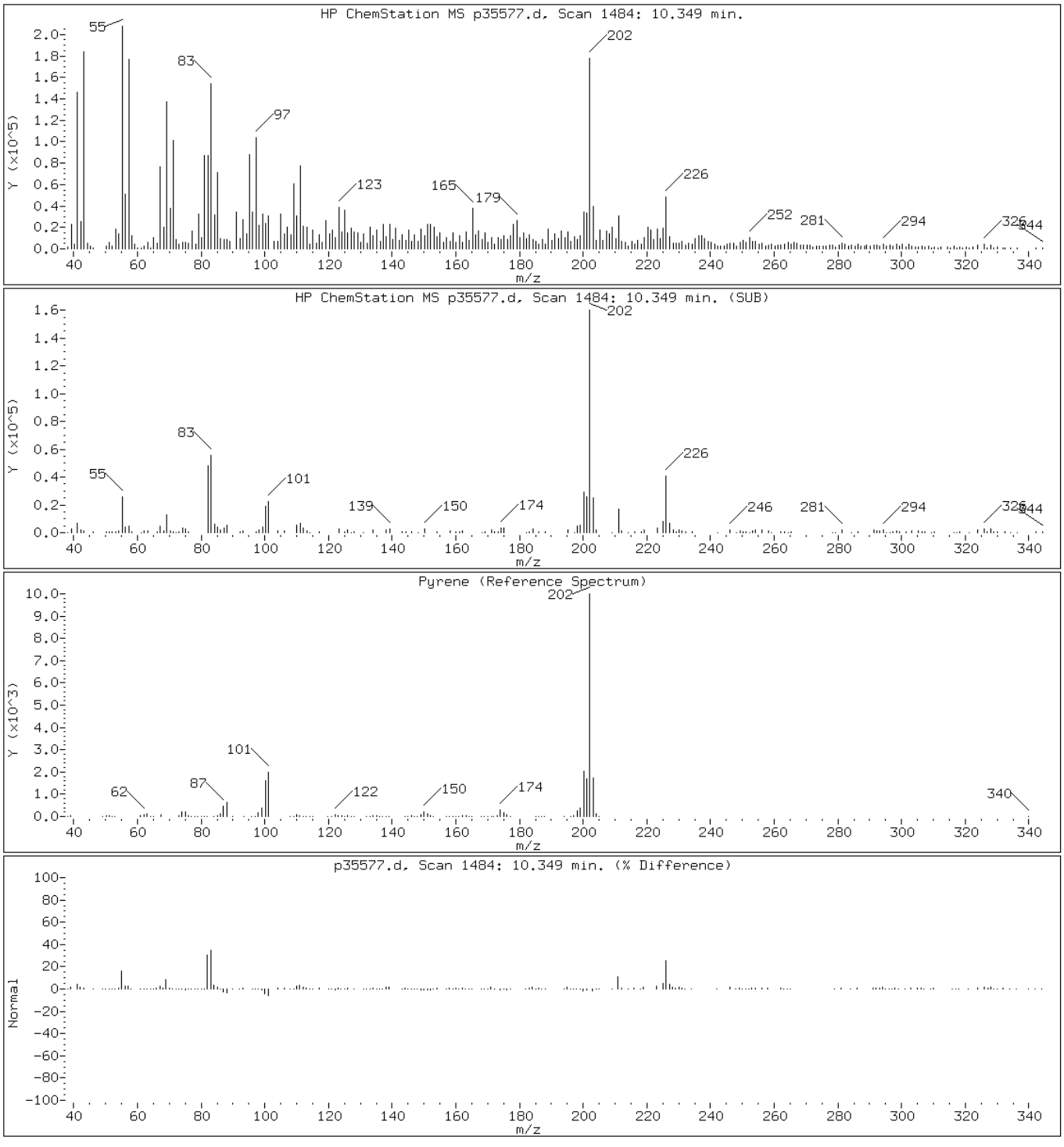
Data File: p35577.d

Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

57 Pyrene



Data File: p35577.d

Date: 20-MAR-2013 12:23

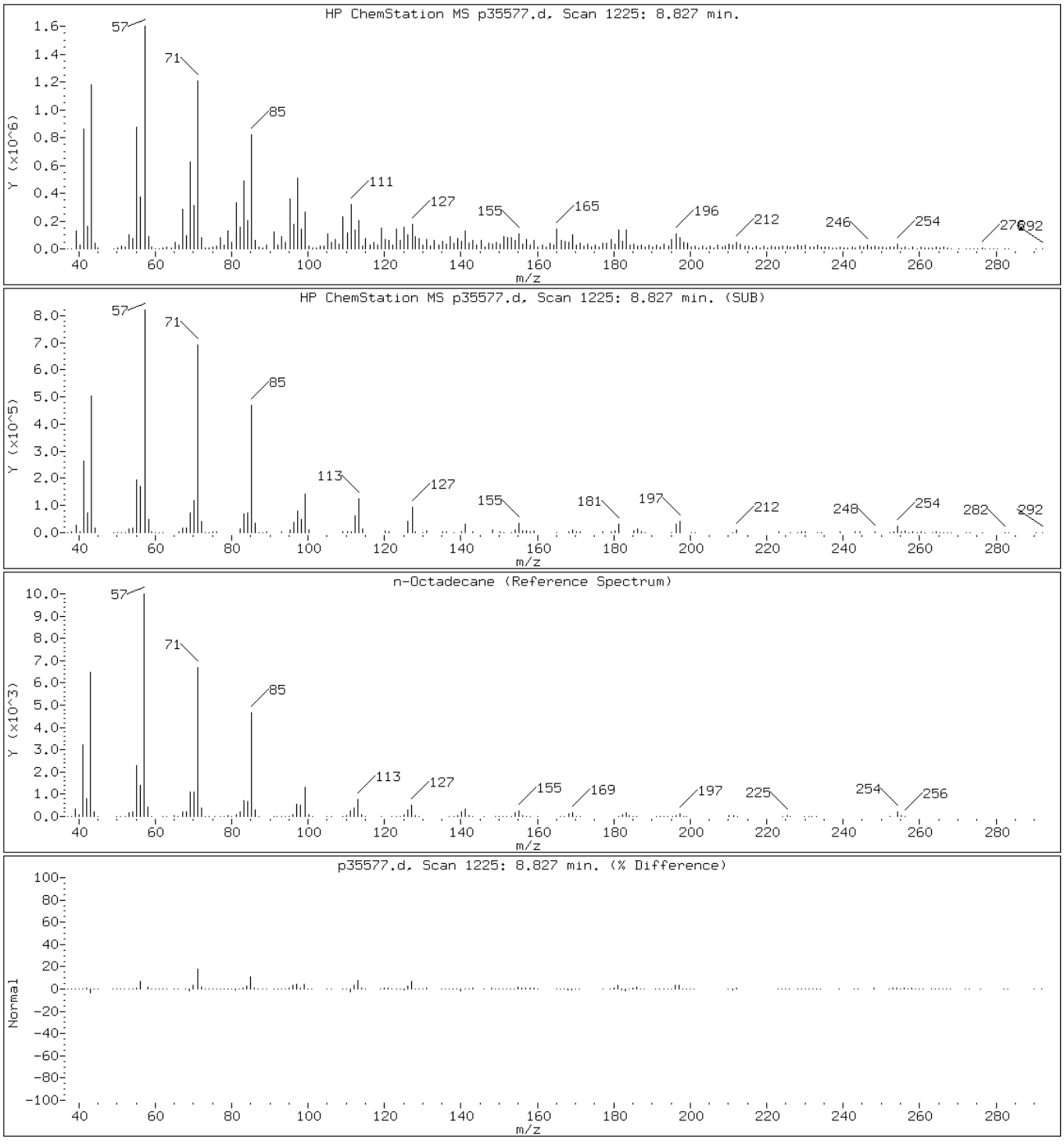
Client ID: PMP-7-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E

Operator: BNAMS 4

115 n-Octadecane



Data File: p35577.d

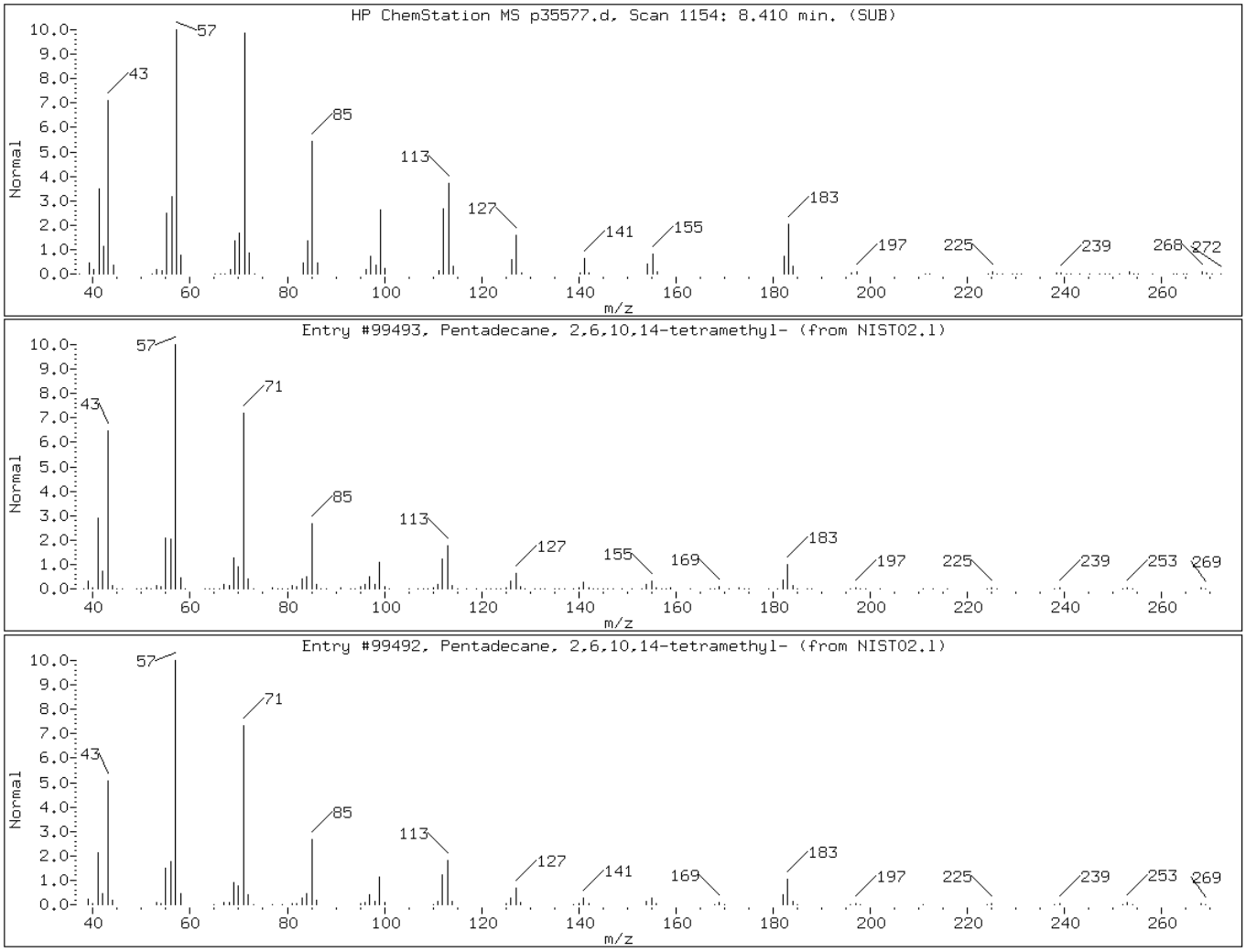
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 8.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	86	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	78	C19H40	268



Data File: p35577.d

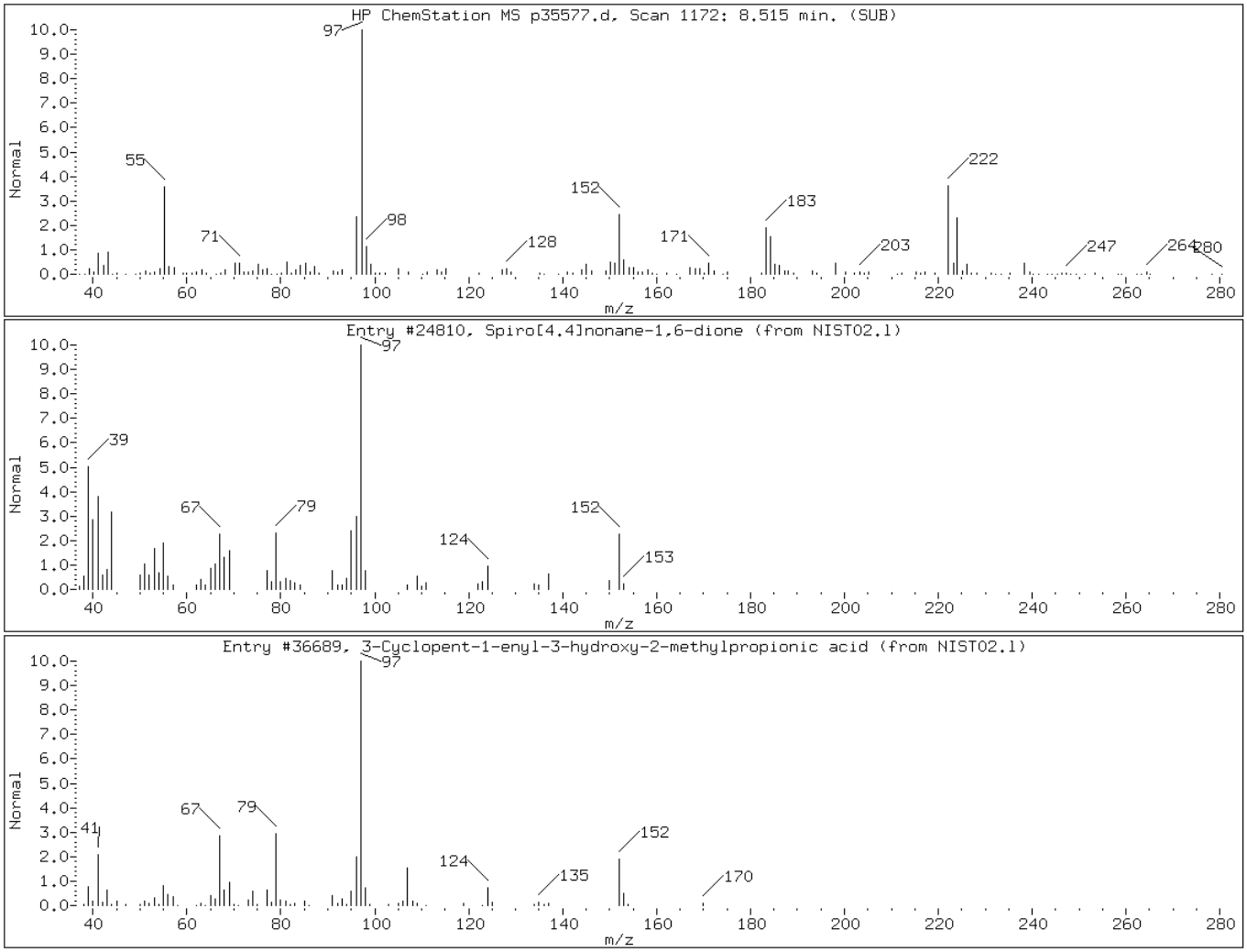
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 8.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Spiro[4.4]nonane-1,6-dione	27723-43-9	NIST02.l	24810	47	C9H12O2	152
3-Cyclopent-1-enyl-3-hydroxy-2-met	1000191-19-7	NIST02.l	36689	47	C9H14O3	170



Data File: p35577.d

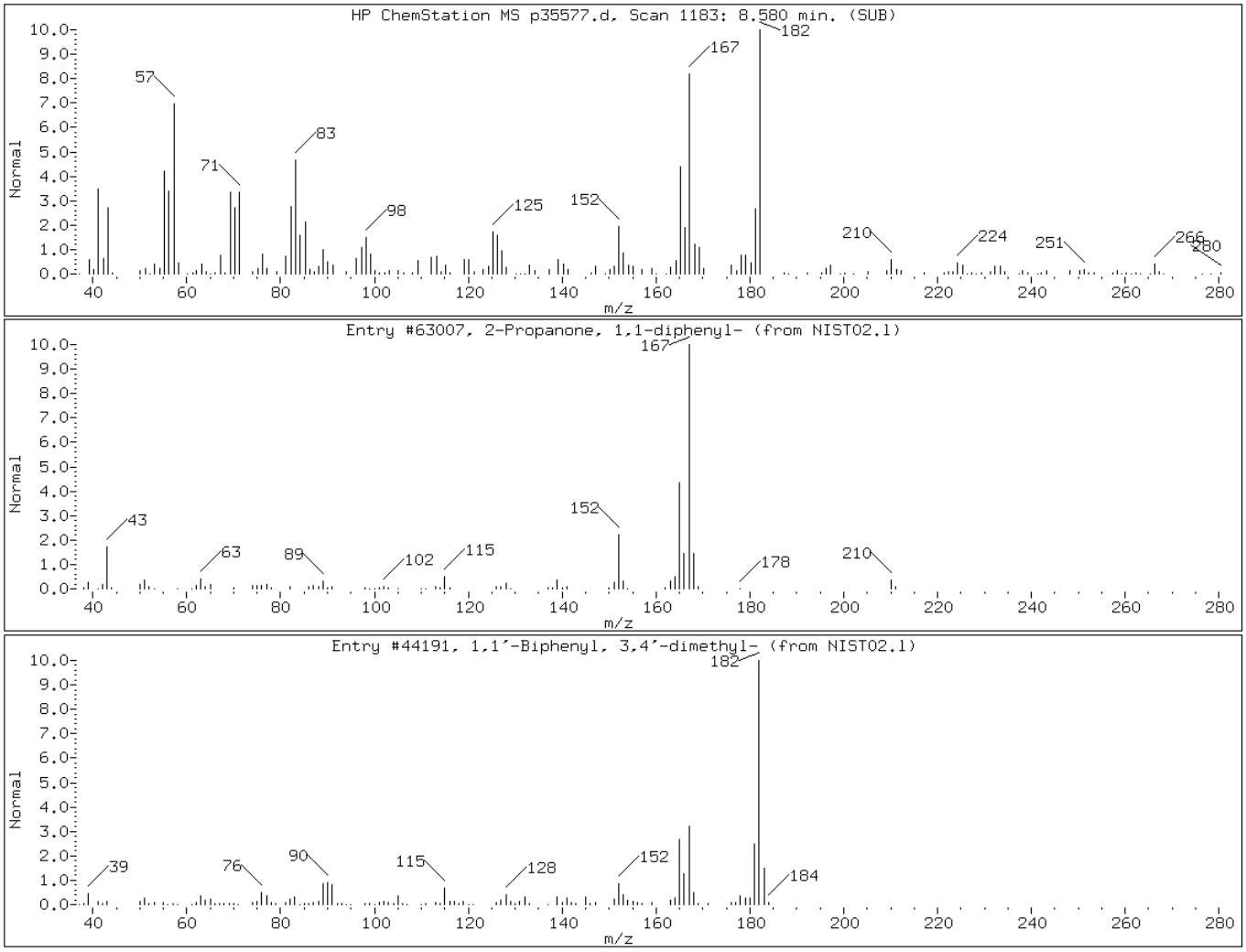
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 8.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
2-Propanone, 1,1-diphenyl-	781-35-1	NIST02.l	63007	83	C15H14O	210
1,1'-Biphenyl, 3,4'-dimethyl-	7383-90-6	NIST02.l	44191	78	C14H14	182



Data File: p35577.d

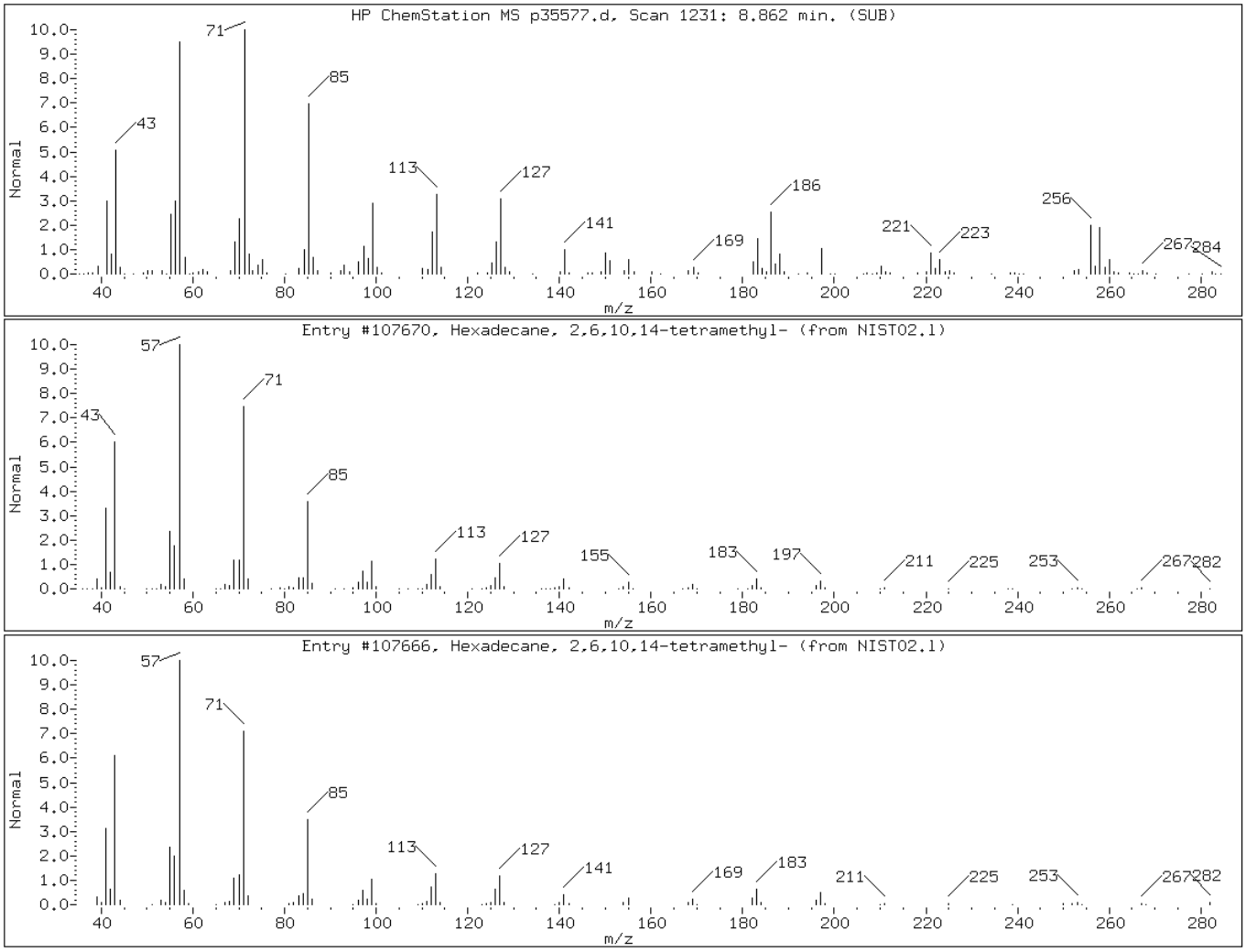
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 8.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	92	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	78	C20H42	282



Data File: p35577.d

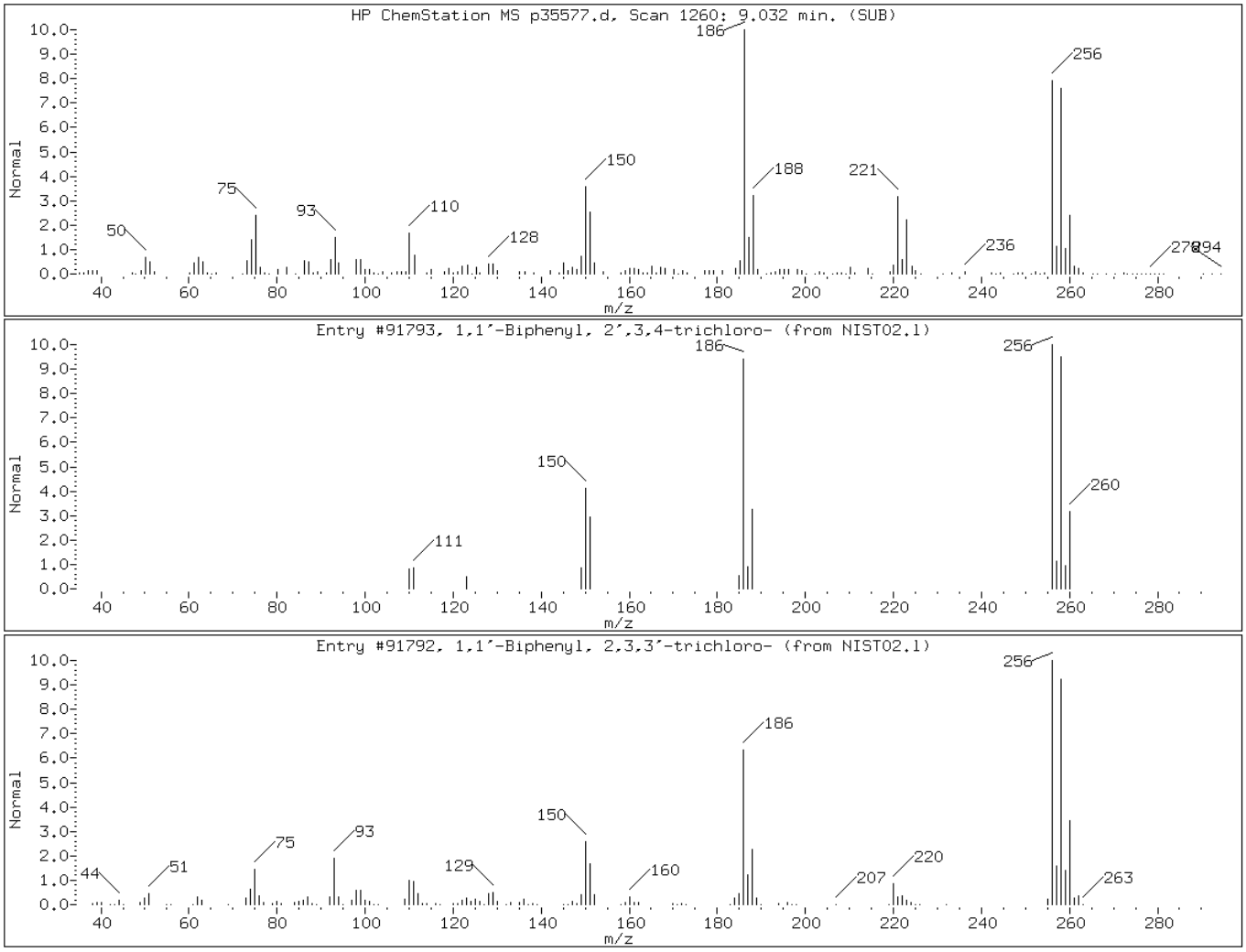
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 9.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	96	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	95	C12H7Cl3	256



Data File: p35577.d

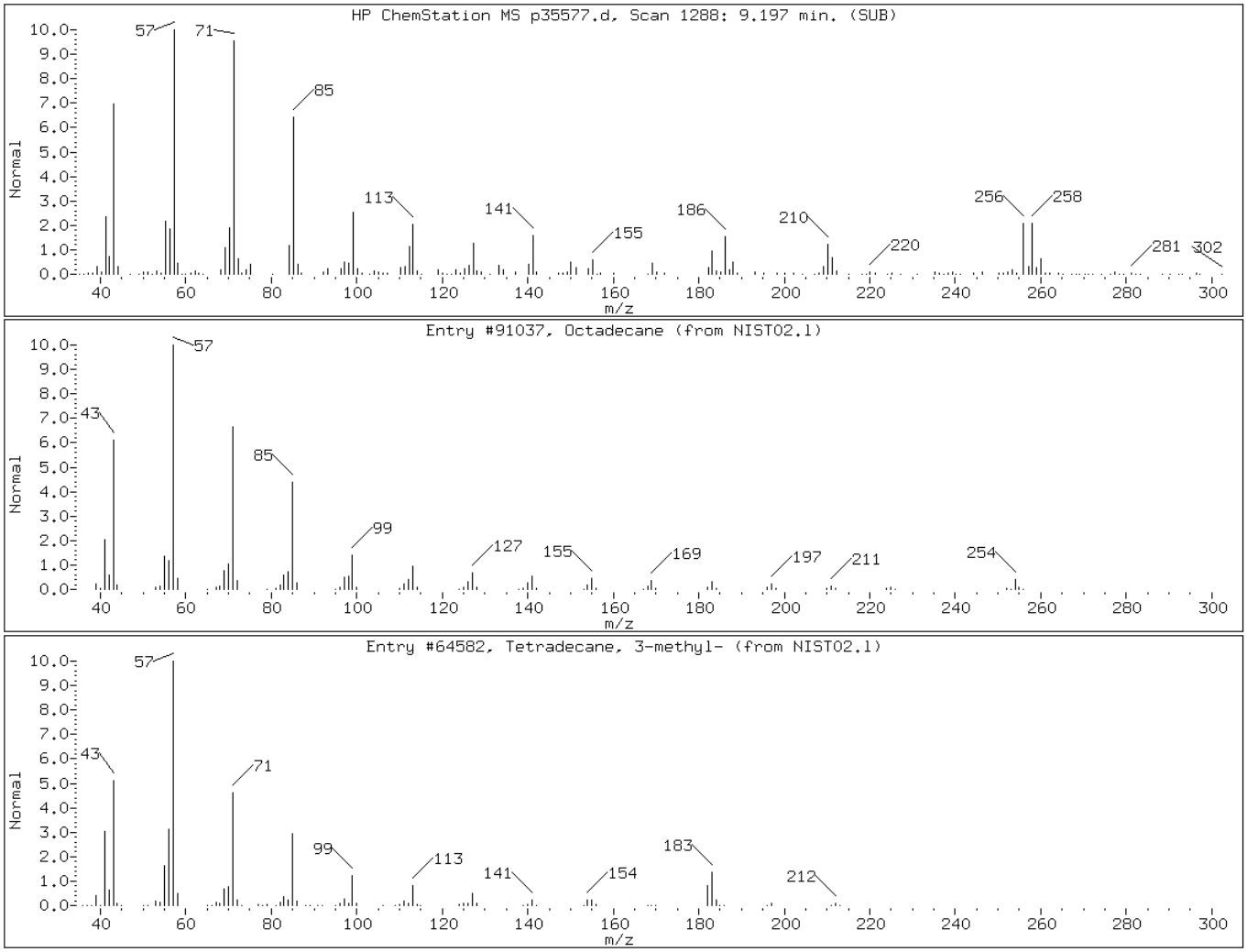
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 9.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Octadecane	593-45-3	NIST02.l	91037	70	C18H38	254
Tetradecane, 3-methyl-	18435-22-8	NIST02.l	64582	62	C15H32	212



Data File: p35577.d

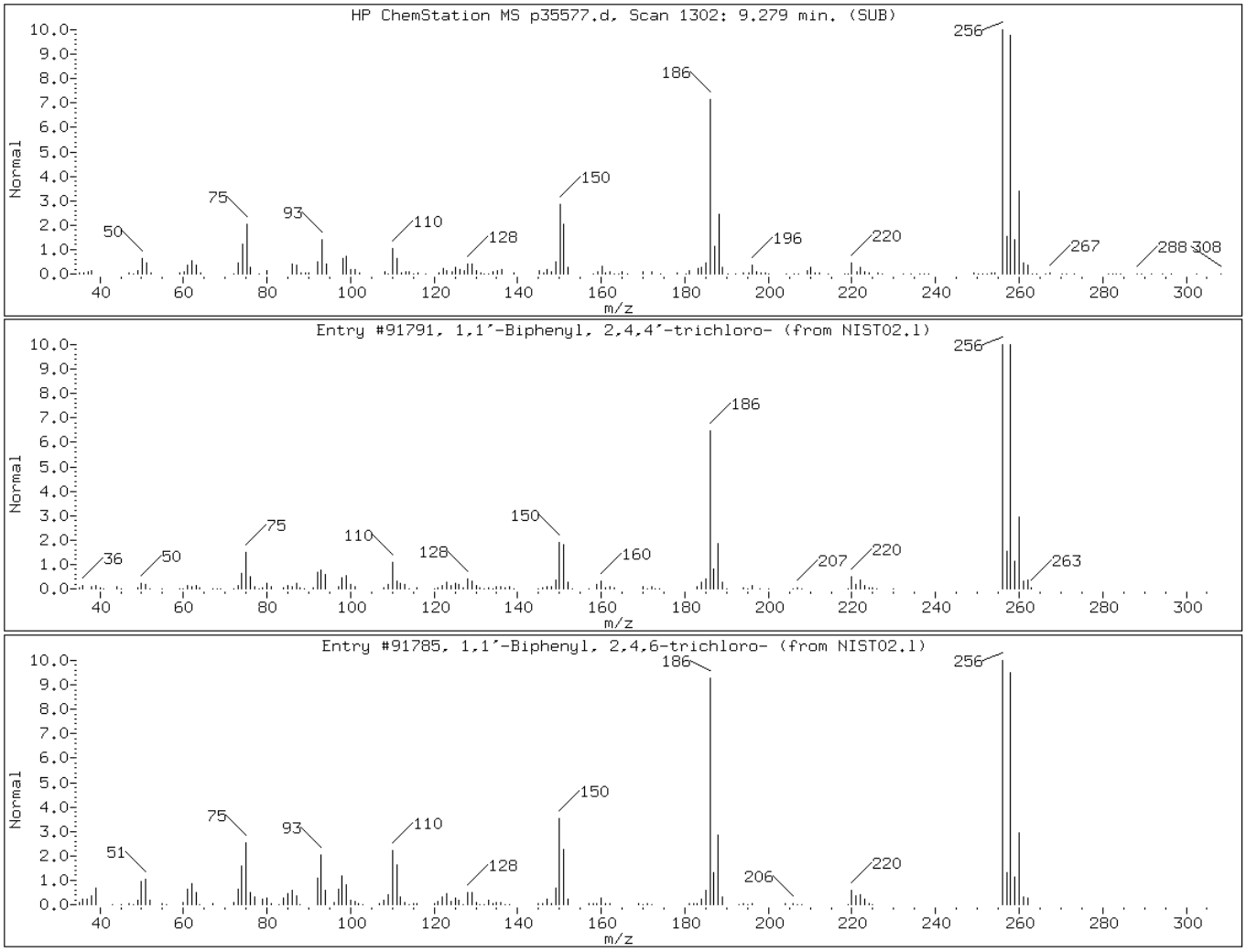
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 9.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	96	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	95	C12H7Cl3	256



Data File: p35577.d

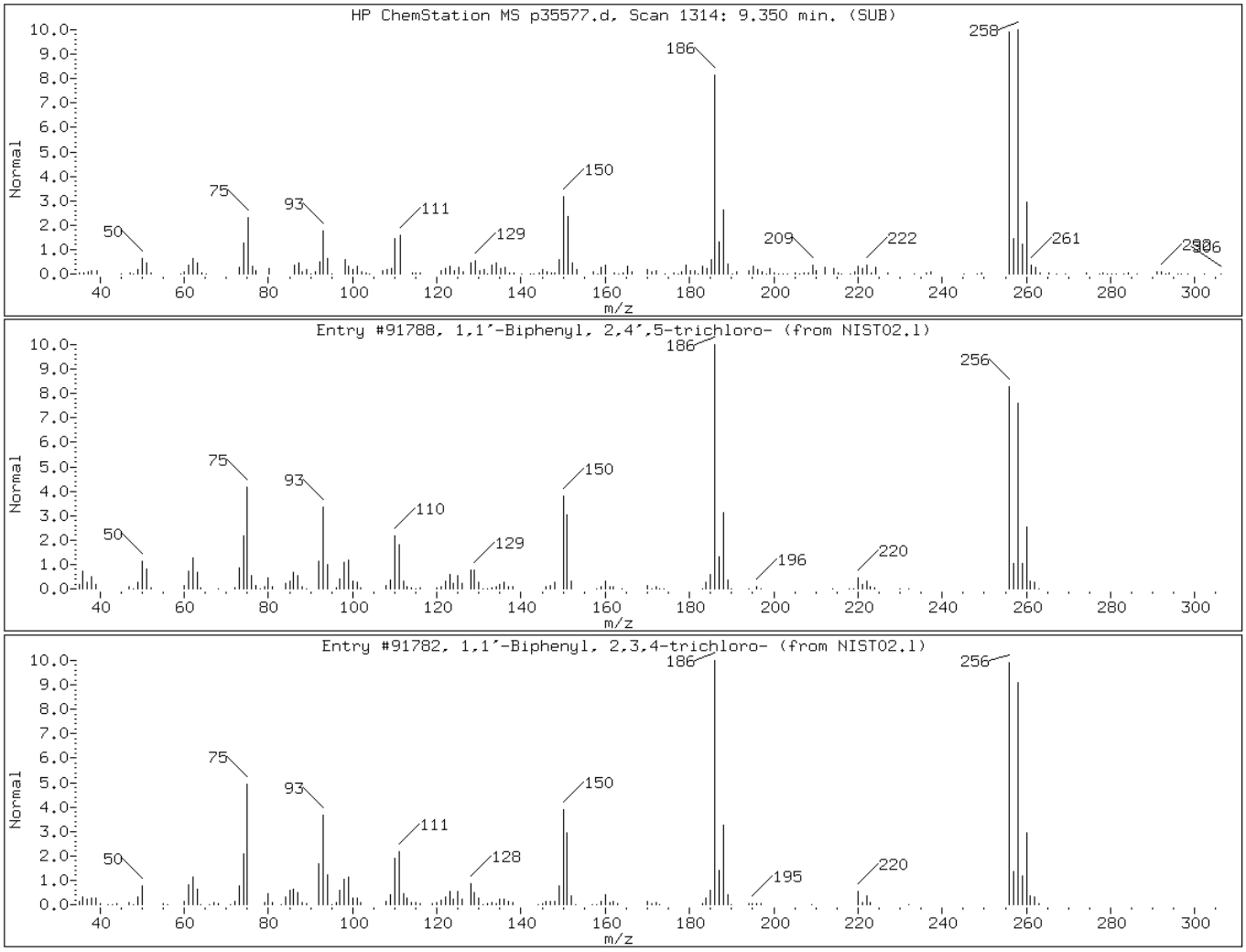
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 9.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	96	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	96	C12H7Cl3	256



Data File: p35577.d

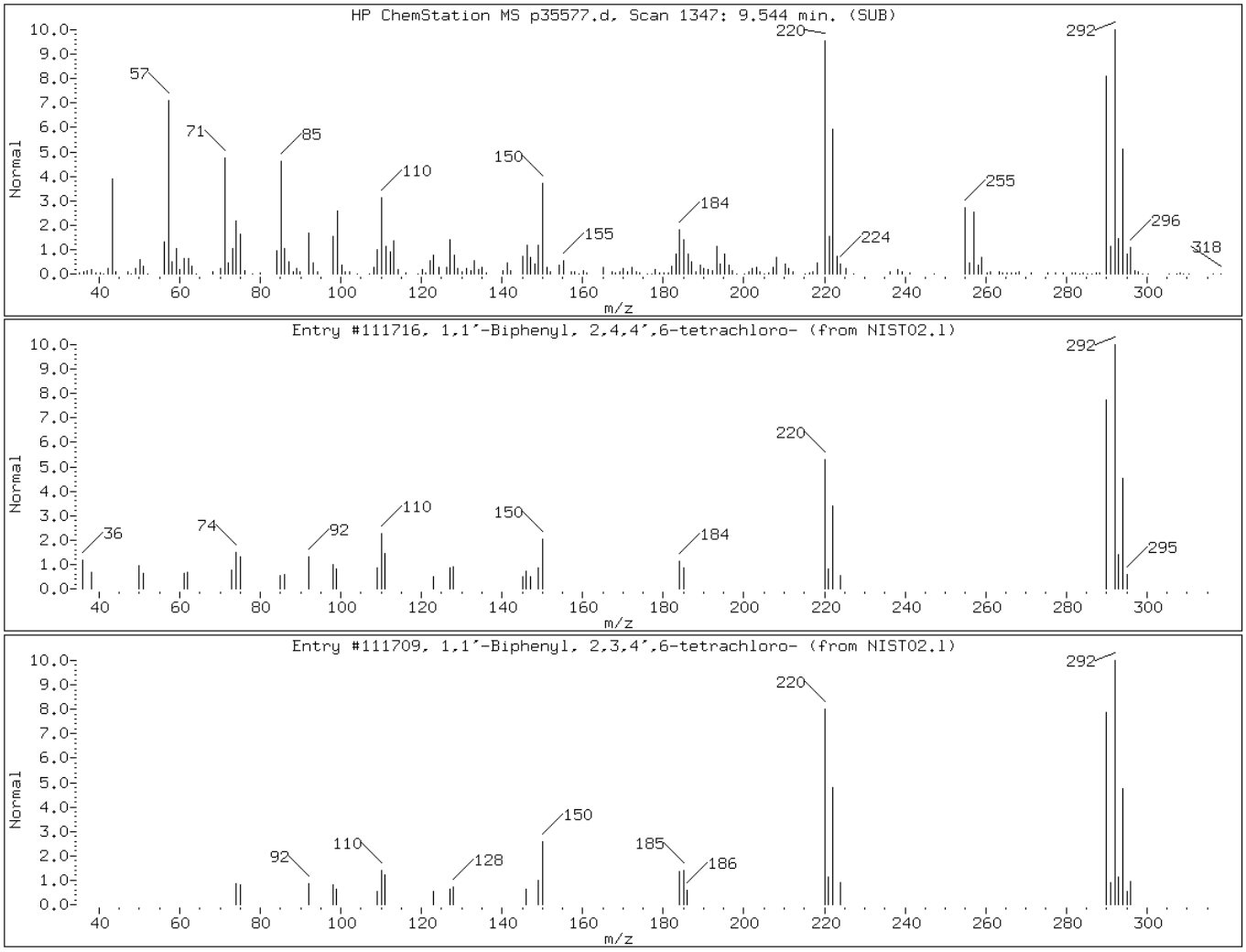
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 9.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	95	C12H6Cl4	290



Data File: p35577.d

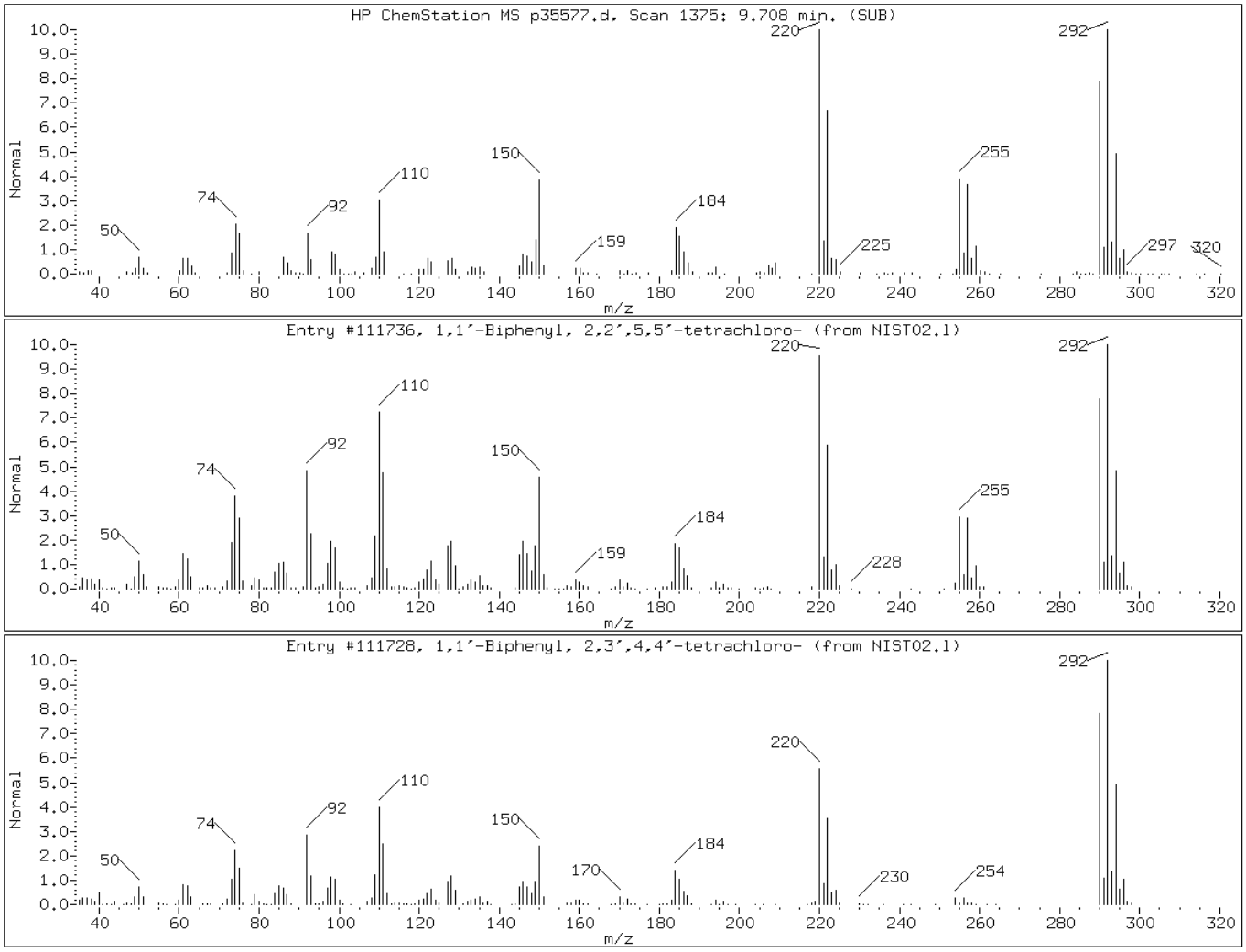
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 9.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111736	95	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4,4'-tetrachlo	32598-10-0	NIST02.l	111728	95	C12H6Cl4	290



Data File: p35577.d

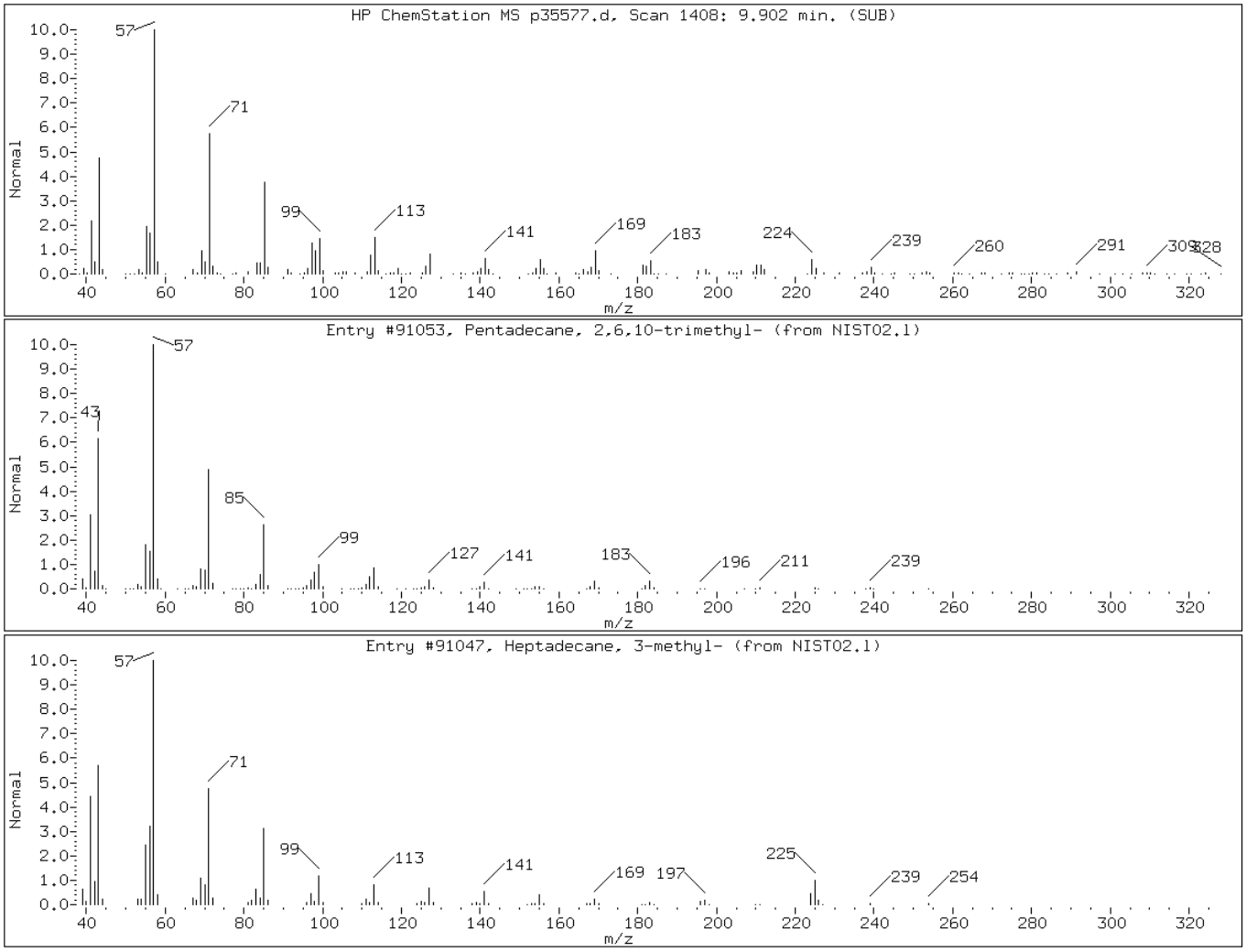
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 9.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	93	C18H38	254
Heptadecane, 3-methyl-	6418-44-6	NIST02.l	91047	90	C18H38	254



Data File: p35577.d

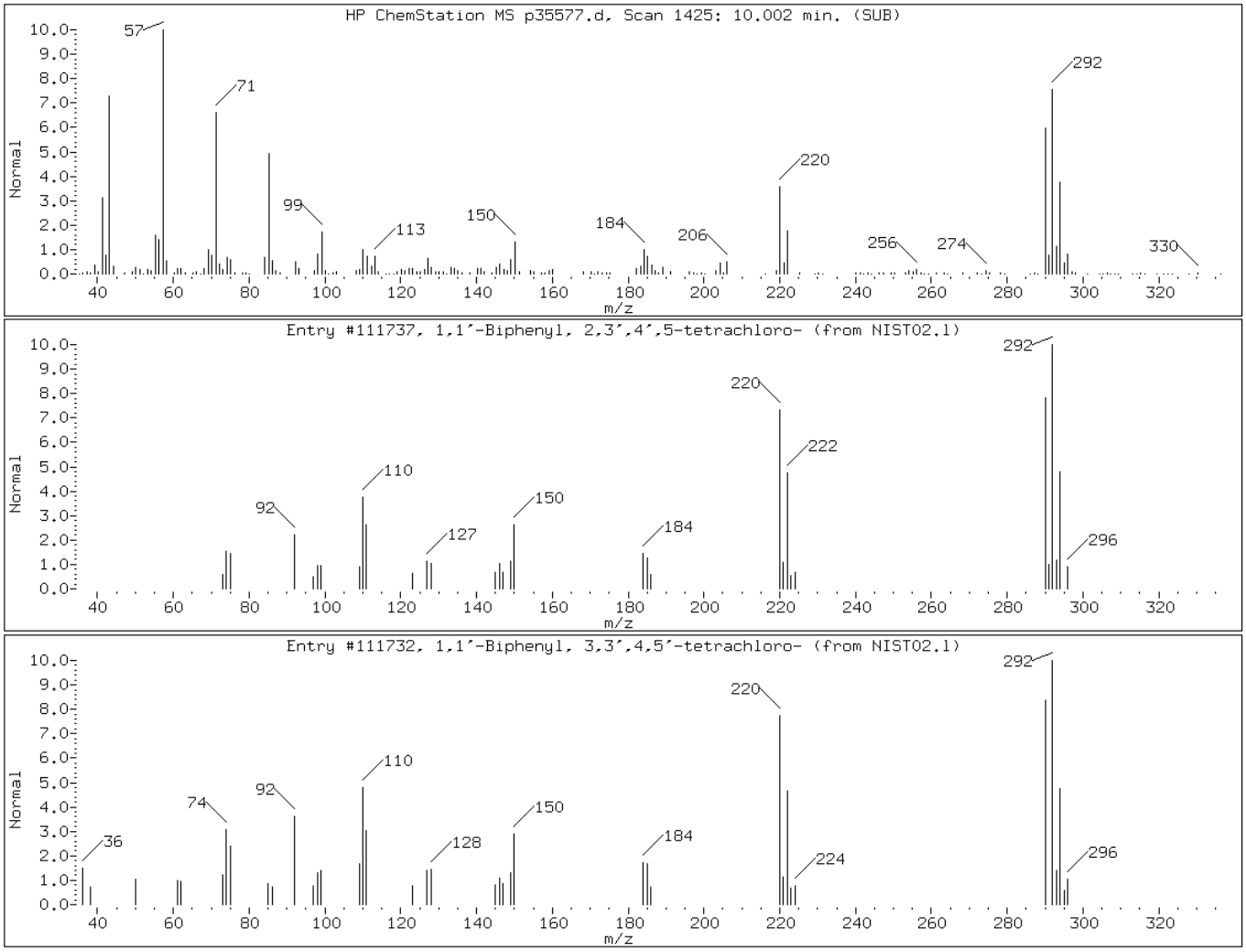
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 10.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	98	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,5'-tetrachlo	41464-48-6	NIST02.l	111732	98	C12H6Cl4	290



Data File: p35577.d

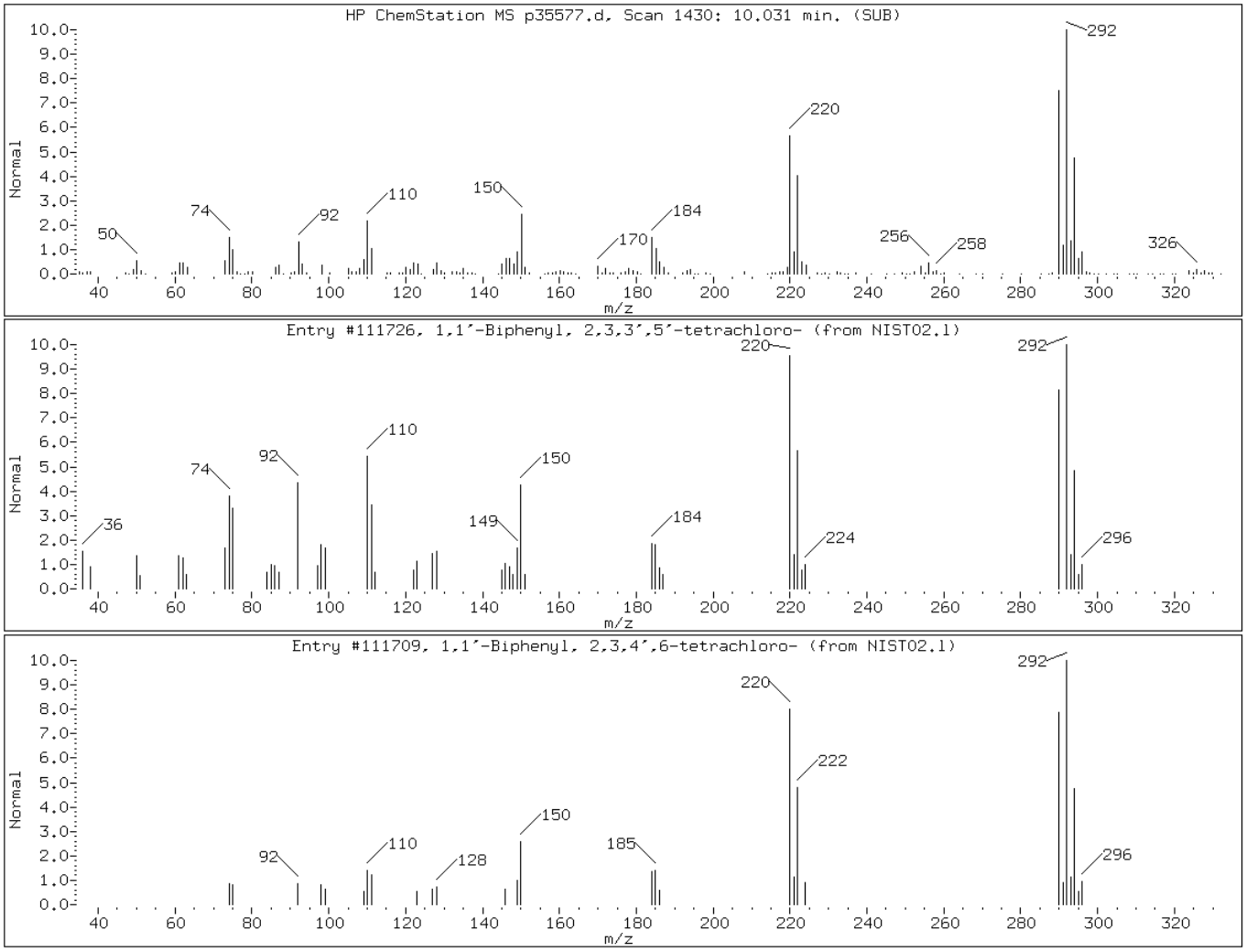
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 10.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	96	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	96	C12H6Cl4	290



Data File: p35577.d

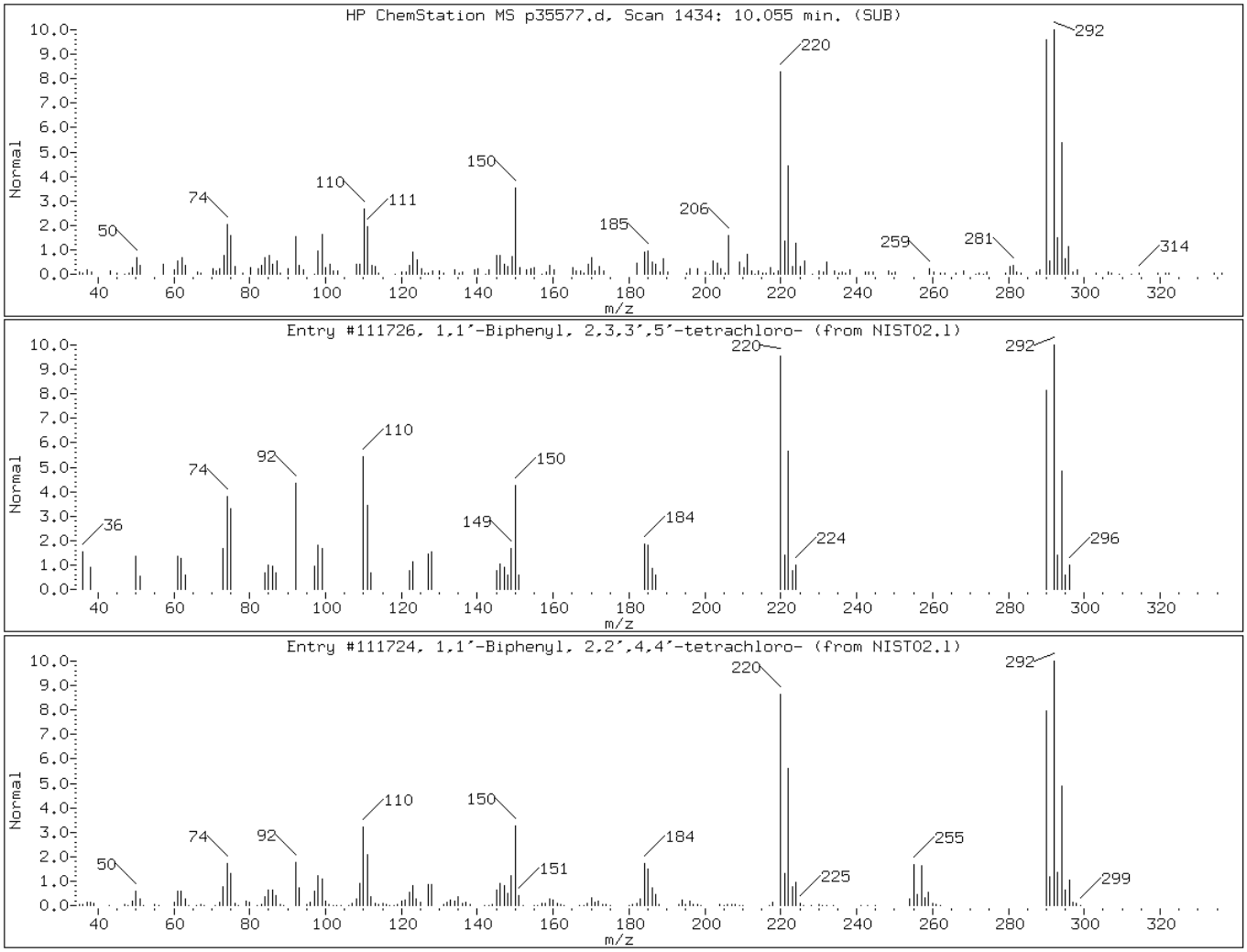
Date: 20-MAR-2013 12:23

Client ID: PMP-7-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-20-E Operator: BNAMS 4

Retention Time: 10.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	96	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	95	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT | Lab Sample ID: 460-52450-21

Matrix: Solid | Lab File ID: p35643.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 21:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	20	U	180	20
95-50-1	1,2-Dichlorobenzene	210	U	1800	210
541-73-1	1,3-Dichlorobenzene	160	U	1800	160
106-46-7	1,4-Dichlorobenzene	200	U	1800	200
121-14-2	2,4-Dinitrotoluene	58	U	360	58
606-20-2	2,6-Dinitrotoluene	53	U	360	53
91-58-7	2-Chloronaphthalene	200	U	1800	200
91-57-6	2-Methylnaphthalene	230	U	1800	230
88-74-4	2-Nitroaniline	740	U	3600	740
91-94-1	3,3'-Dichlorobenzidine	620	U	3600	620
99-09-2	3-Nitroaniline	630	U	3600	630
101-55-3	4-Bromophenyl phenyl ether	180	U	1800	180
106-47-8	4-Chloroaniline	470	U	1800	470
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1800	210
100-01-6	4-Nitroaniline	550	U	3600	550
83-32-9	Acenaphthene	260	U	1800	260
208-96-8	Acenaphthylene	210	U	1800	210
120-12-7	Anthracene	210	U	1800	210
56-55-3	Benzo[a]anthracene	12	U	180	12
50-32-8	Benzo[a]pyrene	13	U	180	13
205-99-2	Benzo[b]fluoranthene	11	U	180	11
191-24-2	Benzo[g,h,i]perylene	130	U	1800	130
207-08-9	Benzo[k]fluoranthene	13	U	180	13
108-60-1	bis (2-chloroisopropyl) ether	200	U	1800	200
111-91-1	Bis(2-chloroethoxy)methane	230	U	1800	230
111-44-4	Bis(2-chloroethyl)ether	24	U	180	24
117-81-7	Bis(2-ethylhexyl) phthalate	590	U	1800	590
85-68-7	Butyl benzyl phthalate	160	U	1800	160
86-74-8	Carbazole	210	U	1800	210
218-01-9	Chrysene	210	U	1800	210
53-70-3	Dibenz(a,h)anthracene	22	U	180	22
132-64-9	Dibenzofuran	210	U	1800	210
84-66-2	Diethyl phthalate	210	U	1800	210
131-11-3	Dimethyl phthalate	210	U	1800	210

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT | Lab Sample ID: 460-52450-21

Matrix: Solid | Lab File ID: p35643.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 21:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	220	U	1800	220
117-84-0	Di-n-octyl phthalate	110	U	1800	110
206-44-0	Fluoranthene	240	U	1800	240
86-73-7	Fluorene	230	U	1800	230
118-74-1	Hexachlorobenzene	24	U	180	24
87-68-3	Hexachlorobutadiene	43	U	360	43
77-47-4	Hexachlorocyclopentadiene	210	U	1800	210
67-72-1	Hexachloroethane	20	U	180	20
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	180	33
78-59-1	Isophorone	210	U	1800	210
91-20-3	Naphthalene	200	U	1800	200
98-95-3	Nitrobenzene	25	U	180	25
621-64-7	N-Nitrosodi-n-propylamine	29	U	180	29
86-30-6	N-Nitrosodiphenylamine	170	U	1800	170
85-01-8	Phenanthrene	910	J	1800	220
129-00-0	Pyrene	500	J	1800	150

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	96		40-109
4165-60-0	Nitrobenzene-d5	87		38-105
1718-51-0	Terphenyl-d14	72		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT | Lab Sample ID: 460-52450-21

Matrix: Solid | Lab File ID: p35643.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 21:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 335000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-6	8.05	21000	J
	Unknown Alkane-7	8.32	80000	J
	Unknown-4	8.36	11000	J
	Dichloro-1,1-biphenyl isomer	8.43	12000	J
	Unknown Alkane-8	8.49	23000	J
	Unknown-5	8.52	13000	J
	Unknown-6	8.62	16000	J
	Unknown Alkane-9	8.77	51000	J
	Trichloro-1,1-biphenyl isomer-1	8.95	12000	J
	Unknown Alkane-10	9.11	13000	J
	Trichloro-1,1-biphenyl isomer-2	9.19	32000	J
	Trichloro-1,1-biphenyl isomer-4	9.33	12000	J
	Unknown-7	9.37	11000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.46	18000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.95	10000	J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35643.d
Report Date: 22-Mar-2013 14:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35643.d
Lab Smp Id: 460-52450-F-21-C Client Smp ID: PMP-7-NE-WT
Inj Date : 21-MAR-2013 21:31
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-21-C
Misc Info : 460-52450-F-21-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/8270C_11.m
Meth Date : 21-Mar-2013 19:30 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 10
Dil Factor: 5.00000
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	5.00000	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	6.60377	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.063	3.069	(0.705)	396919	16.3044	5800
$ 17 Phenol-d5 (SUR)	99	3.968	4.003	(0.913)	481960	17.2717	6200
* 79 1,4-Dichlorobenzene-d4	152	4.344	4.355	(1.000)	718034	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.896	4.919	(0.870)	202590	8.71611	3100
* 80 Naphthalene-d8	136	5.625	5.636	(1.000)	2187293	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.706	6.717	(0.908)	298190	9.63647	3400
125 1,3-Dimethylnaphthalene	156	7.041	7.052	(0.954)	120421	5.06983	1800(H)
* 82 Acenaphthene-d10	164	7.381	7.387	(1.000)	912261	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.163	8.163	(1.106)	39052	10.2968	3700
115 n-Octadecane	57	8.739	8.738	(0.987)	307185	20.6579	7400
* 83 Phenanthrene-d10	188	8.850	8.844	(1.000)	908956	40.0000	
52 Phenanthrene	178	8.868	8.868	(1.002)	63164	2.54947	910(a)
57 Pyrene	202	10.260	10.260	(0.884)	31597	1.41142	500(a)

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35643.d
Report Date: 22-Mar-2013 14:56

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	10.413	10.413	(0.897)	112671	7.22740	2600
* 81 Chrysene-d12	240	11.612	11.618	(1.000)	492391	40.0000	
* 84 Perylene-d12	264	13.539	13.539	(1.000)	439951	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p35643.d

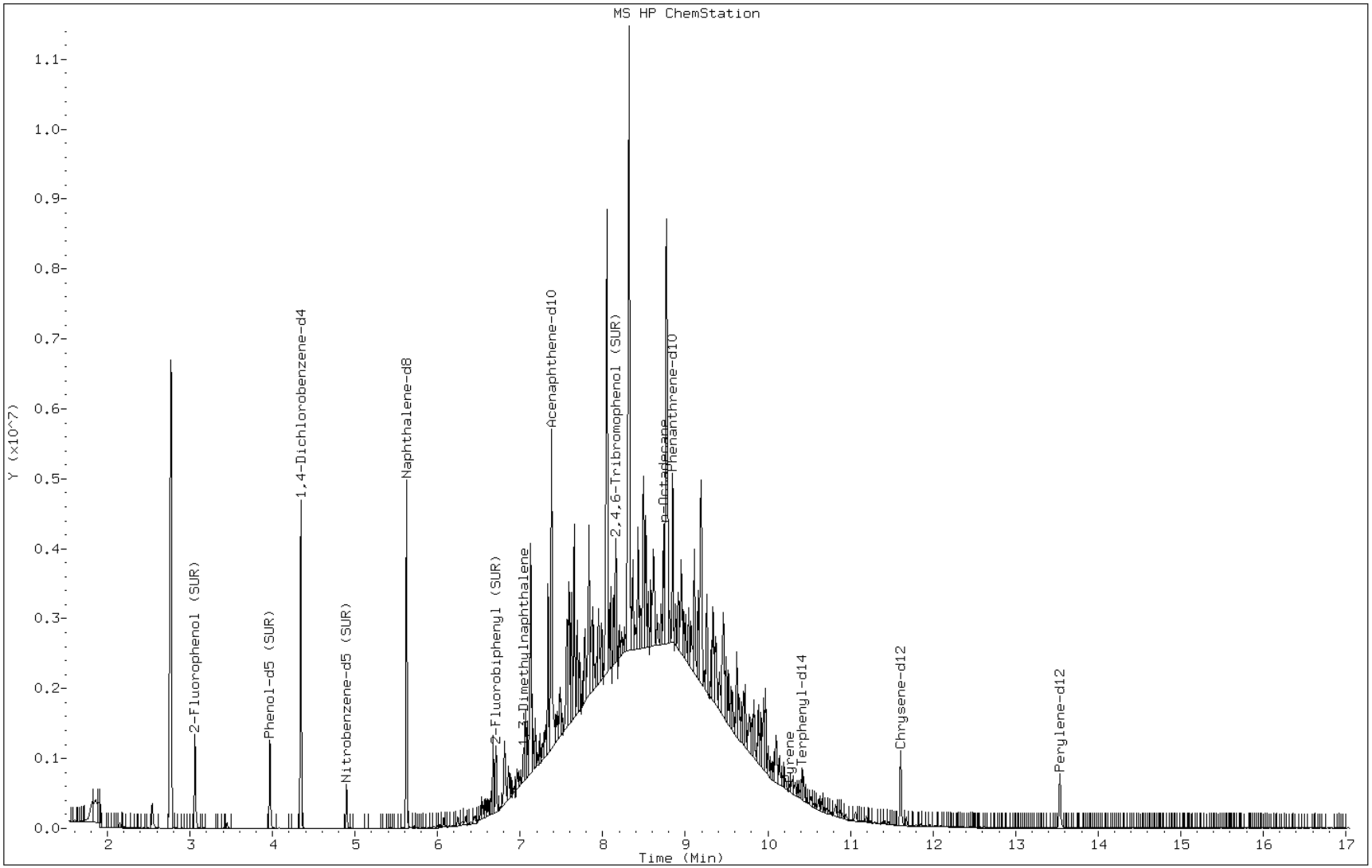
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C

Operator: BNAMS 4



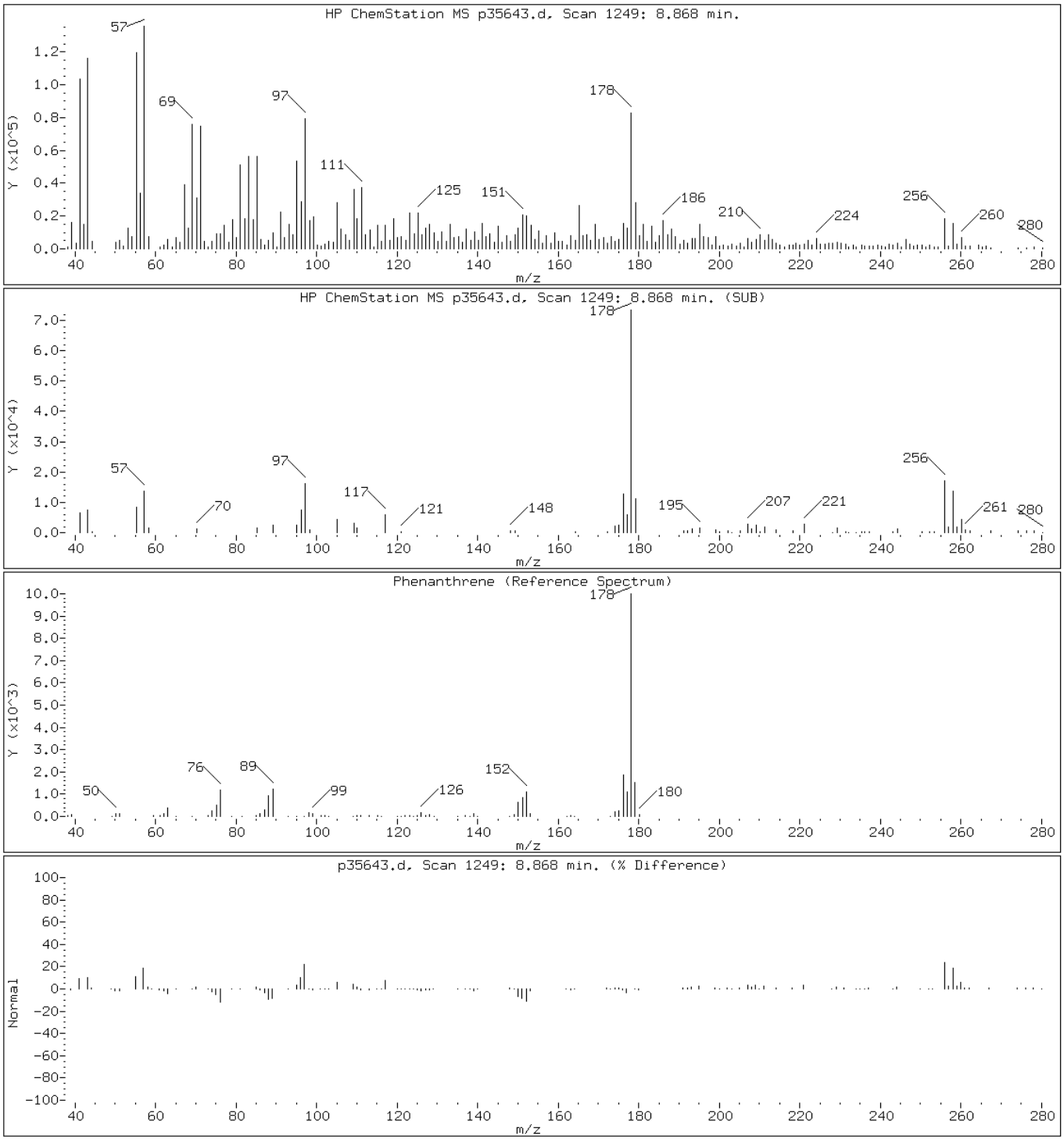
Data File: p35643.d

Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

52 Phenanthrene



Data File: p35643.d

Date: 21-MAR-2013 21:31

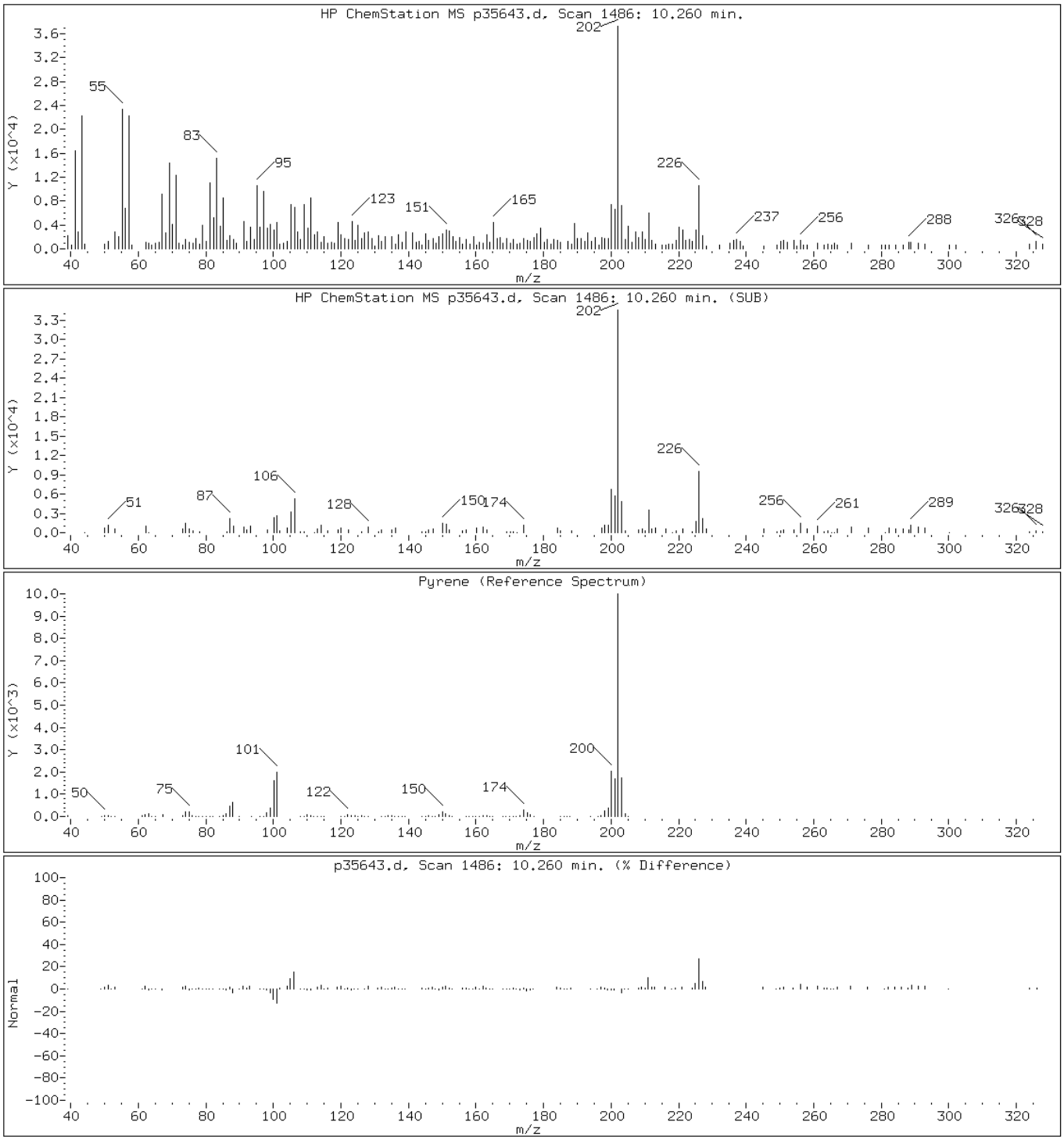
Client ID: PMP-7-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C

Operator: BNAMS 4

57 Pyrene



Data File: p35643.d

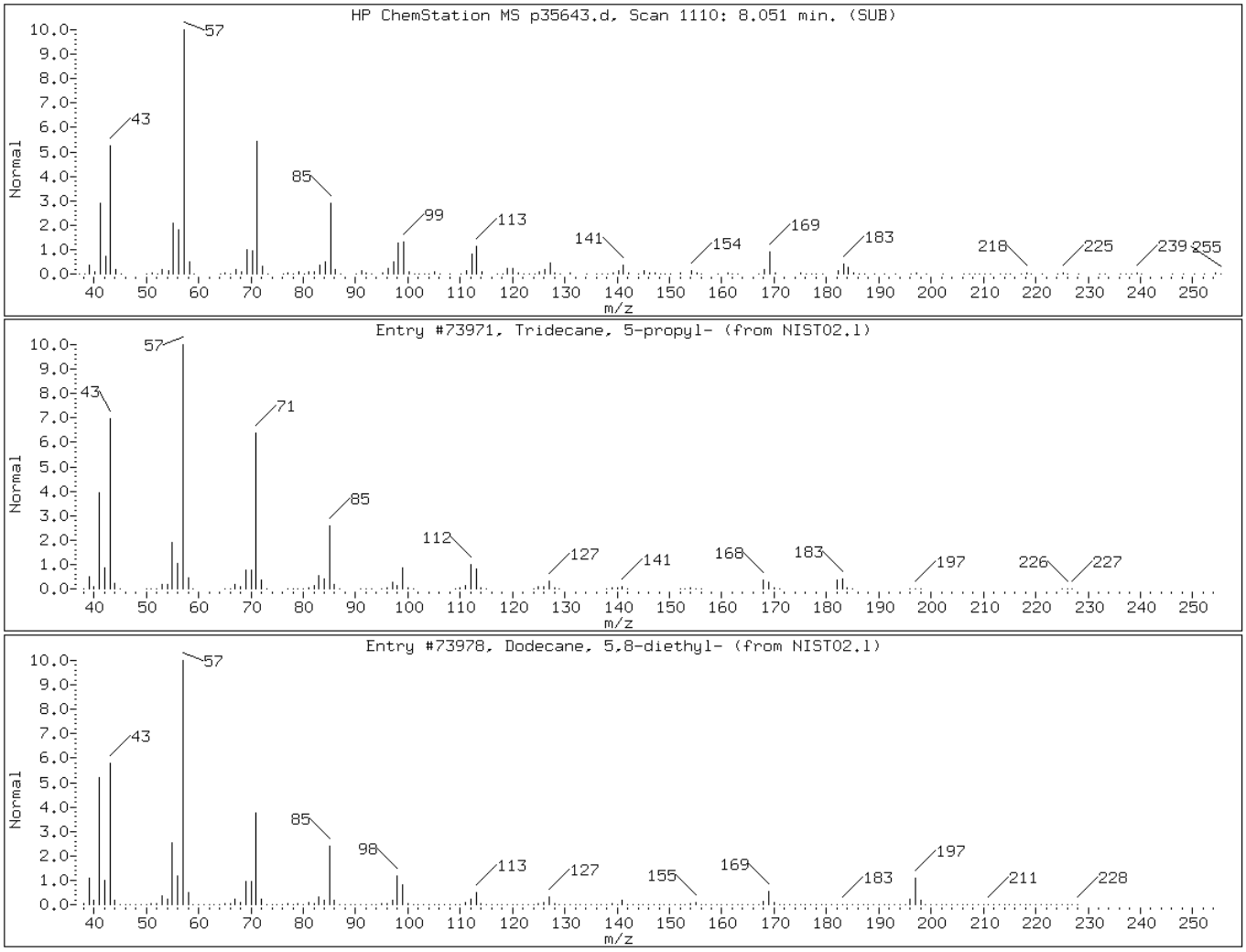
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	91	C16H34	226
Dodecane, 5,8-diethyl-	24251-86-3	NIST02.l	73978	90	C16H34	226



Data File: p35643.d

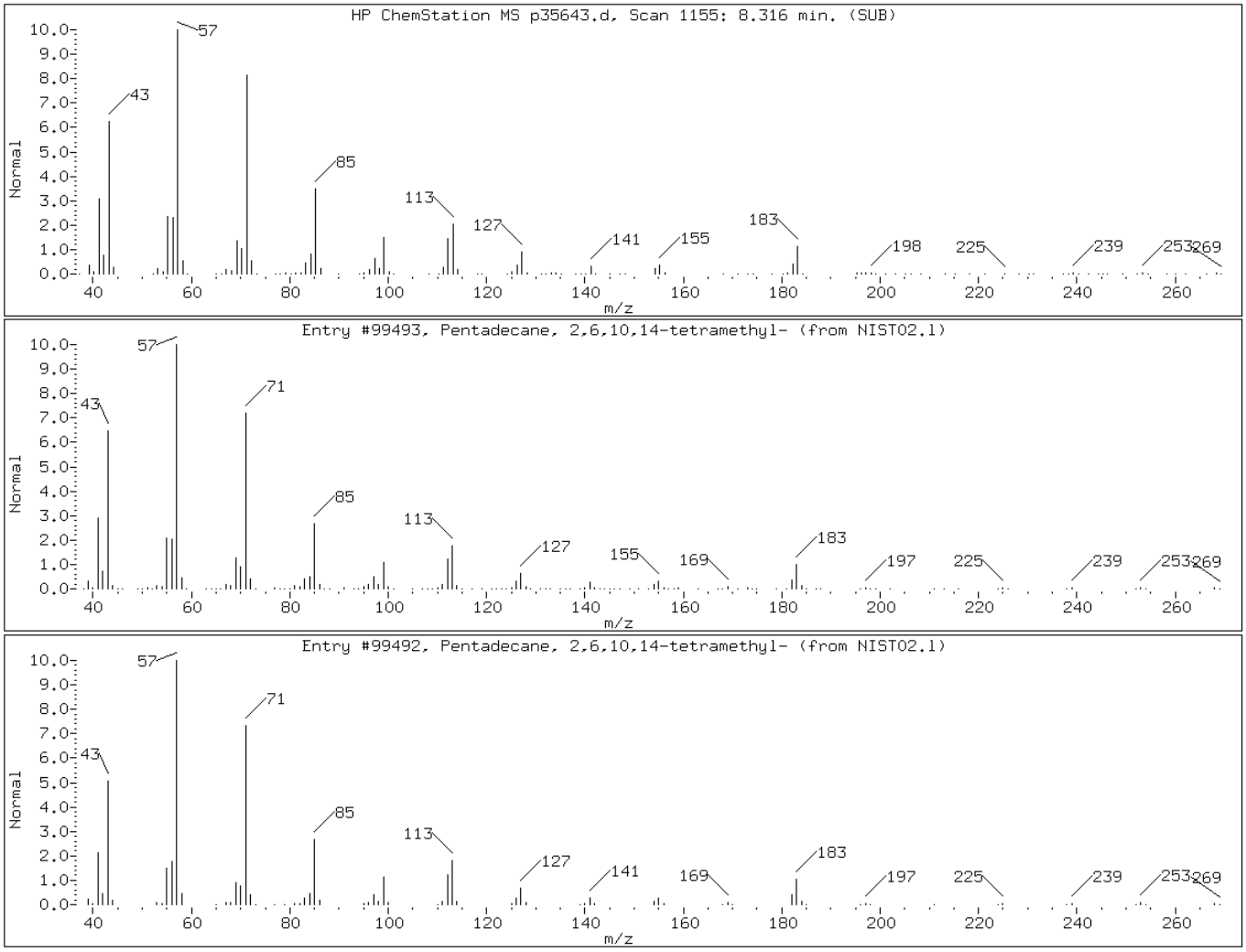
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	93	C19H40	268



Data File: p35643.d

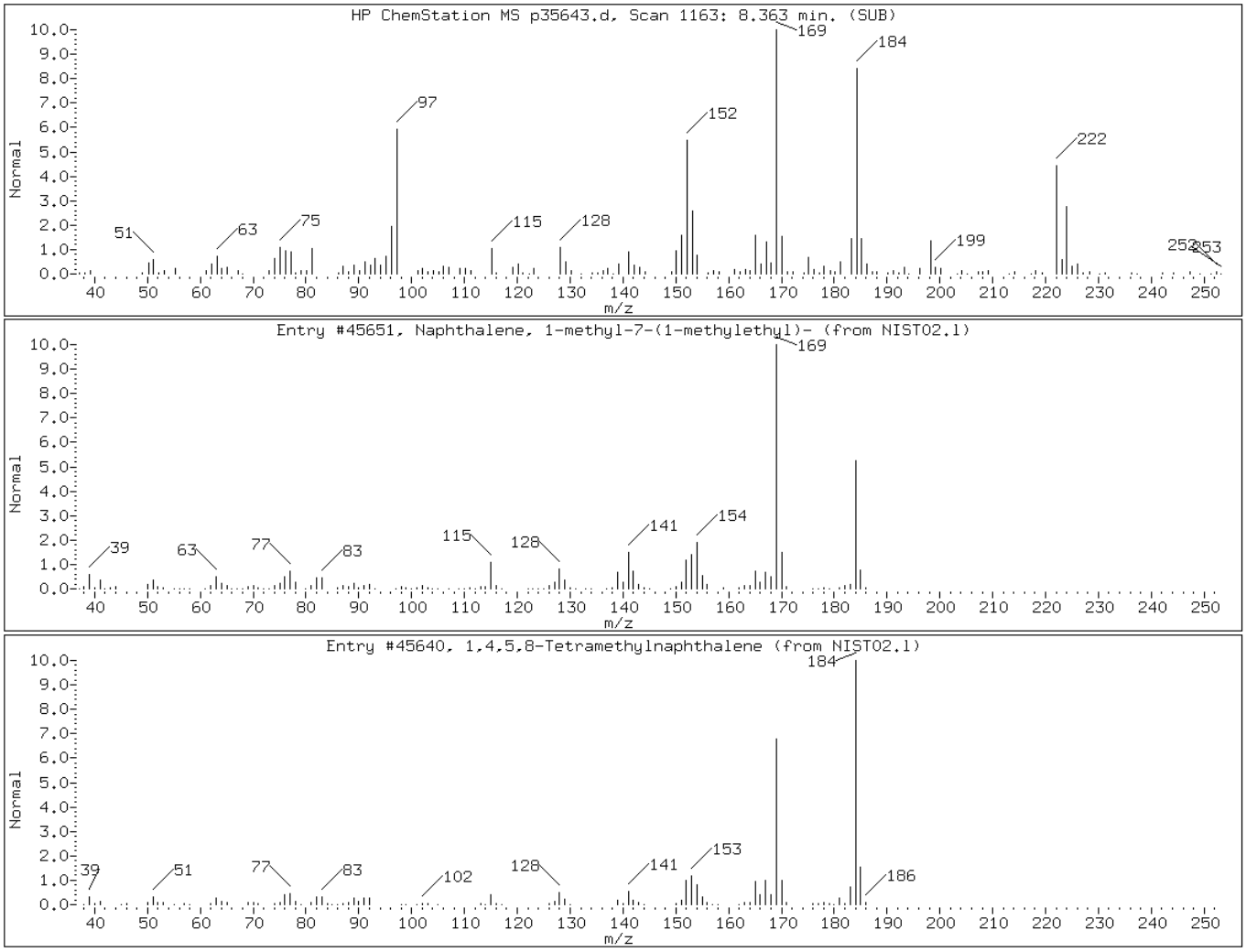
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Naphthalene, 1-methyl-7-(1-methyle	490-65-3	NIST02.l	45651	86	C14H16	184
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST02.l	45640	55	C14H16	184



Data File: p35643.d

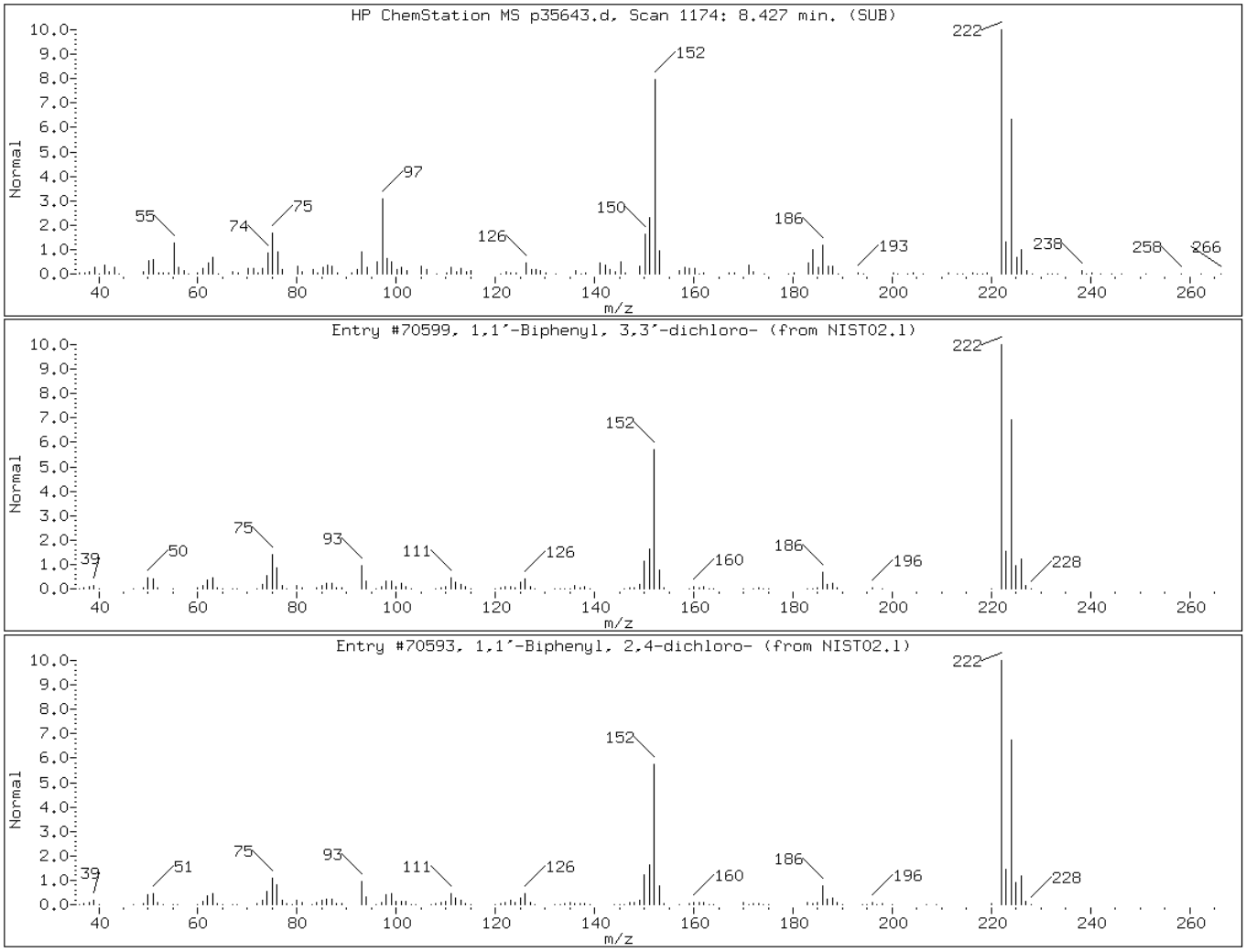
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	94	C12H8Cl2	222
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.l	70593	93	C12H8Cl2	222



Data File: p35643.d

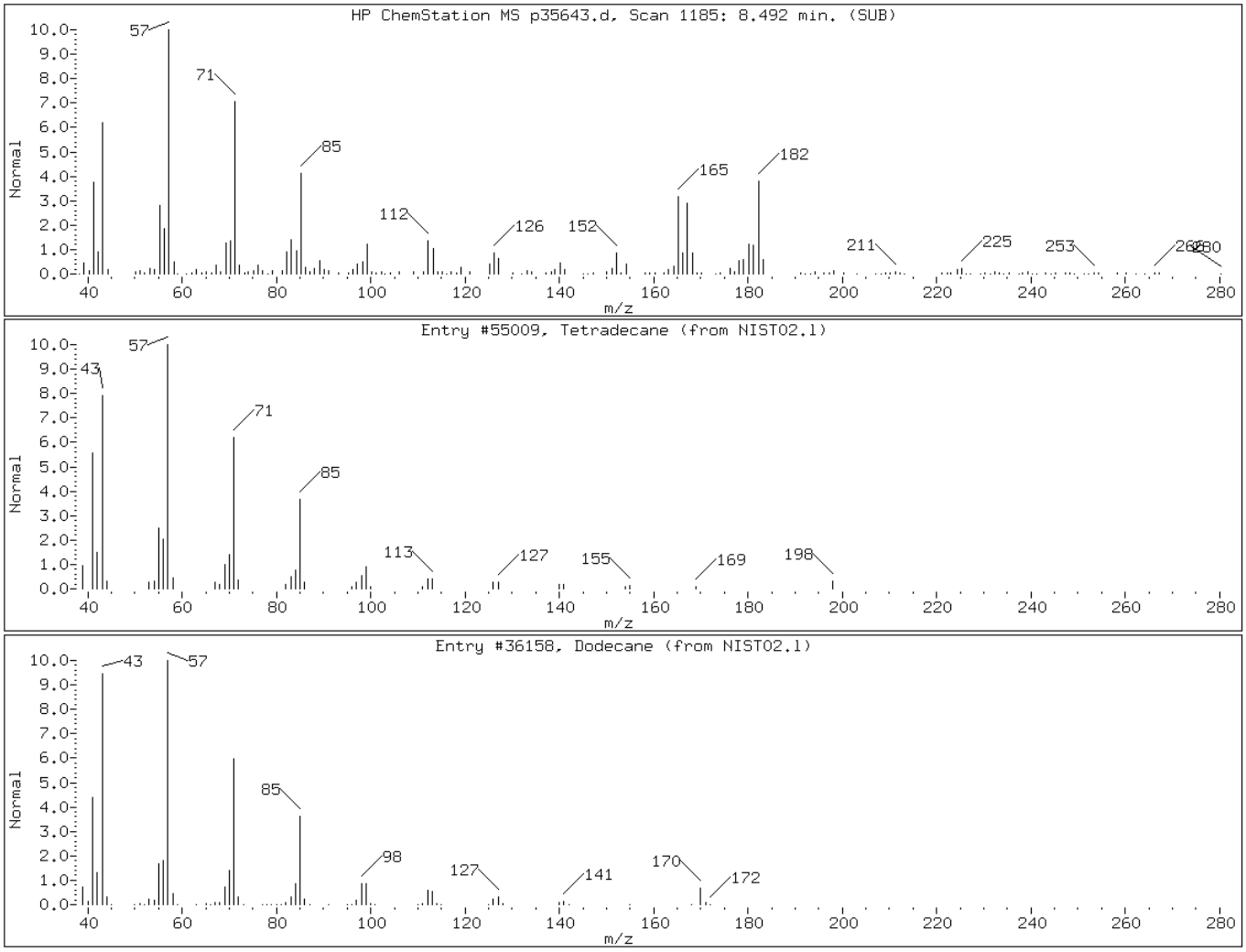
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Tetradecane	629-59-4	NIST02.l	55009	64	C14H30	198
Dodecane	112-40-3	NIST02.l	36158	55	C12H26	170



Data File: p35643.d

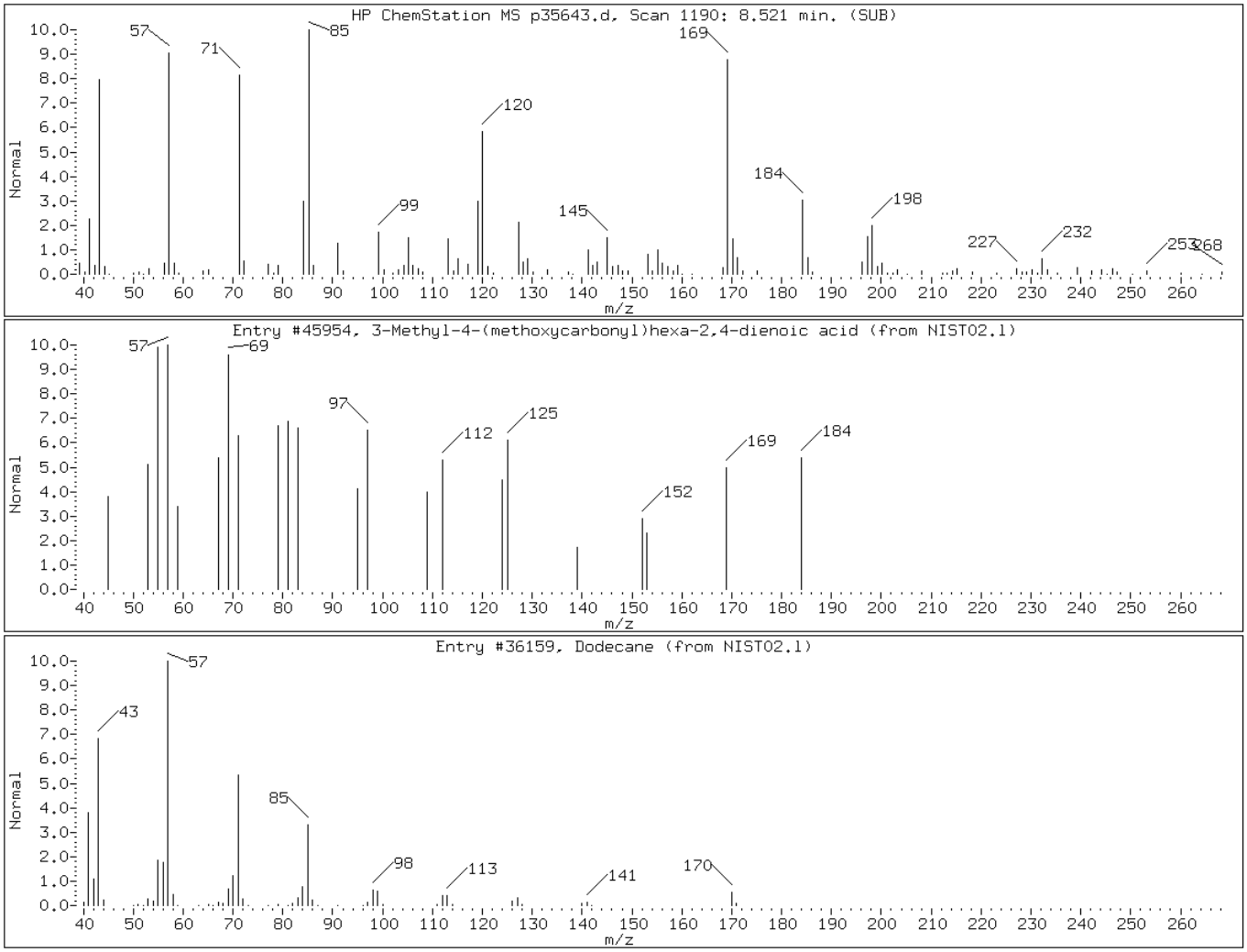
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
3-Methyl-4-(methoxycarbonyl)hexa-2	1000104-10-8	NIST02.l	45954	56	C9H12O4	184
Dodecane	112-40-3	NIST02.l	36159	35	C12H26	170



Data File: p35643.d

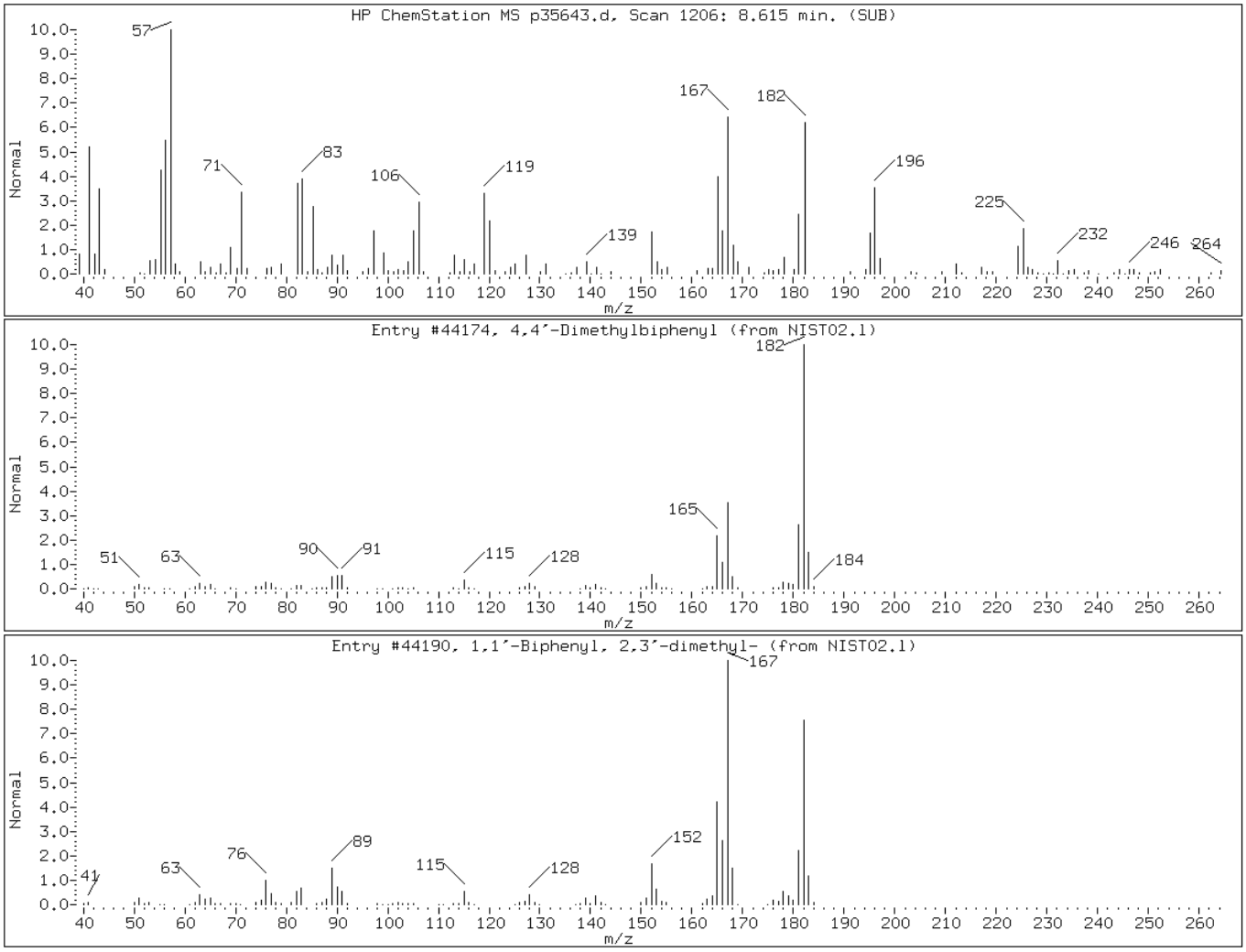
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
4,4'-Dimethylbiphenyl	613-33-2	NIST02.l	44174	64	C14H14	182
1,1'-Biphenyl, 2,3'-dimethyl-	611-43-8	NIST02.l	44190	50	C14H14	182



Data File: p35643.d

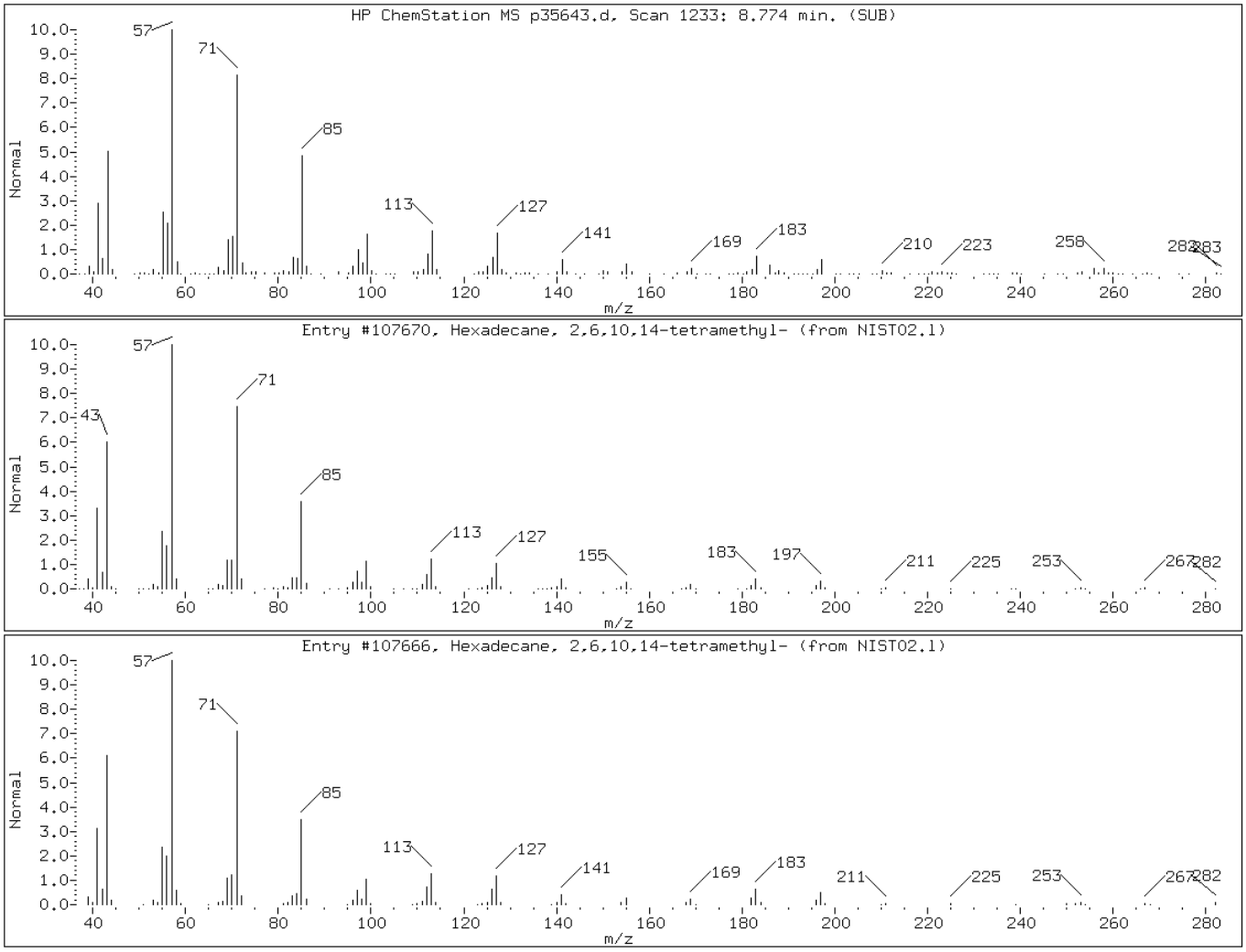
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	95	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	93	C20H42	282



Data File: p35643.d

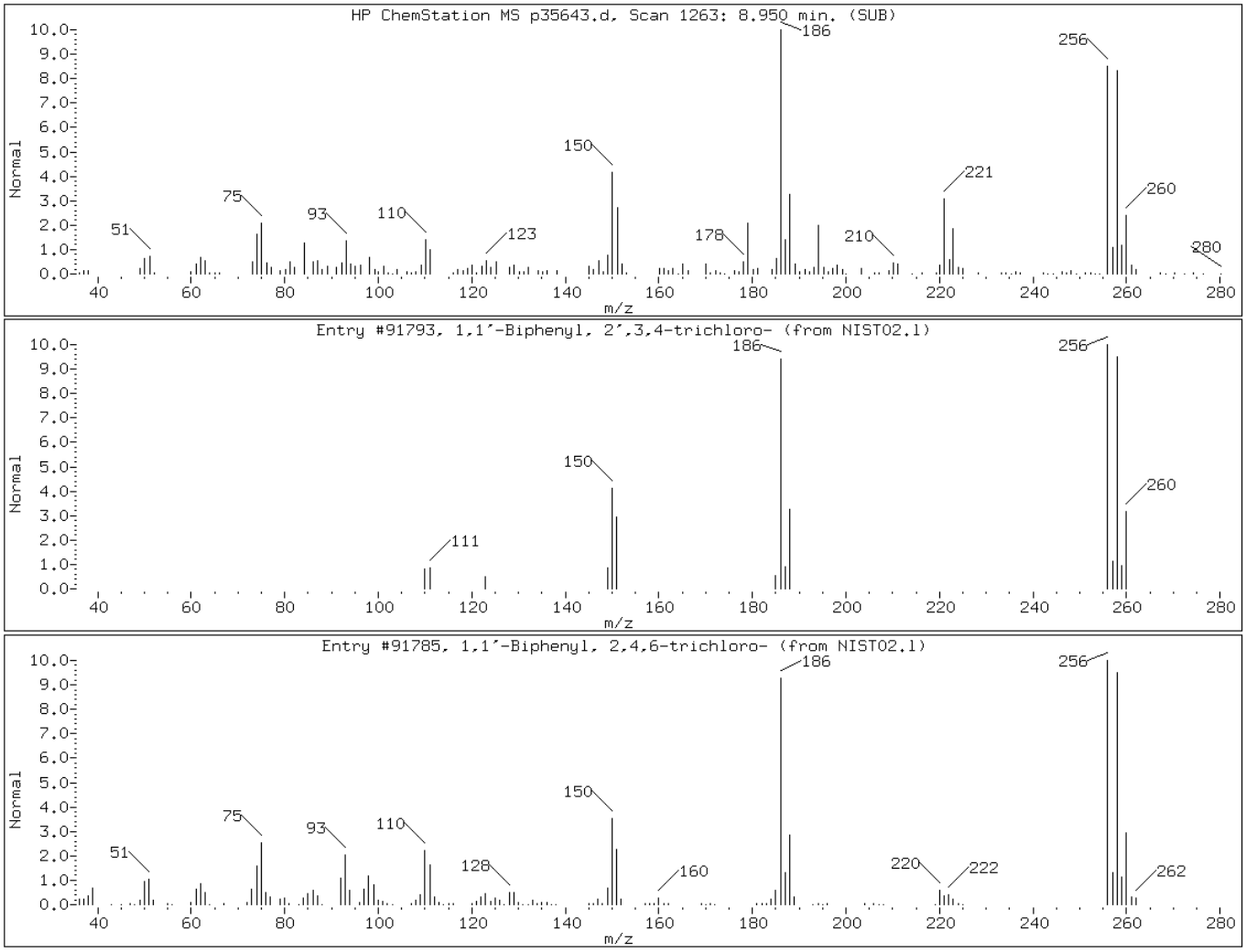
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 8.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	94	C12H7Cl3	256



Data File: p35643.d

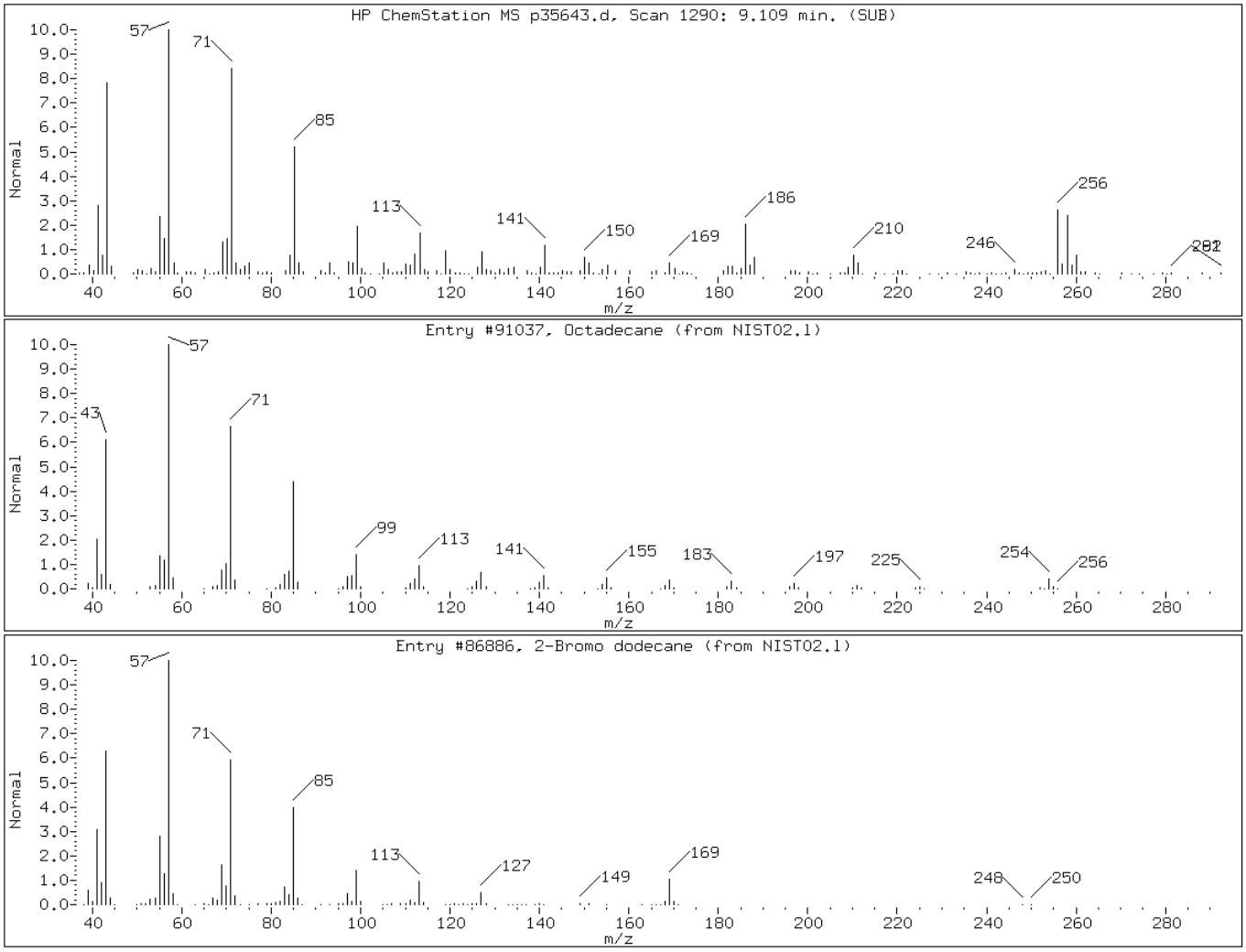
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 9.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Octadecane	593-45-3	NIST02.l	91037	83	C18H38	254
2-Bromo dodecane	13187-99-0	NIST02.l	86886	78	C12H25Br	248



Data File: p35643.d

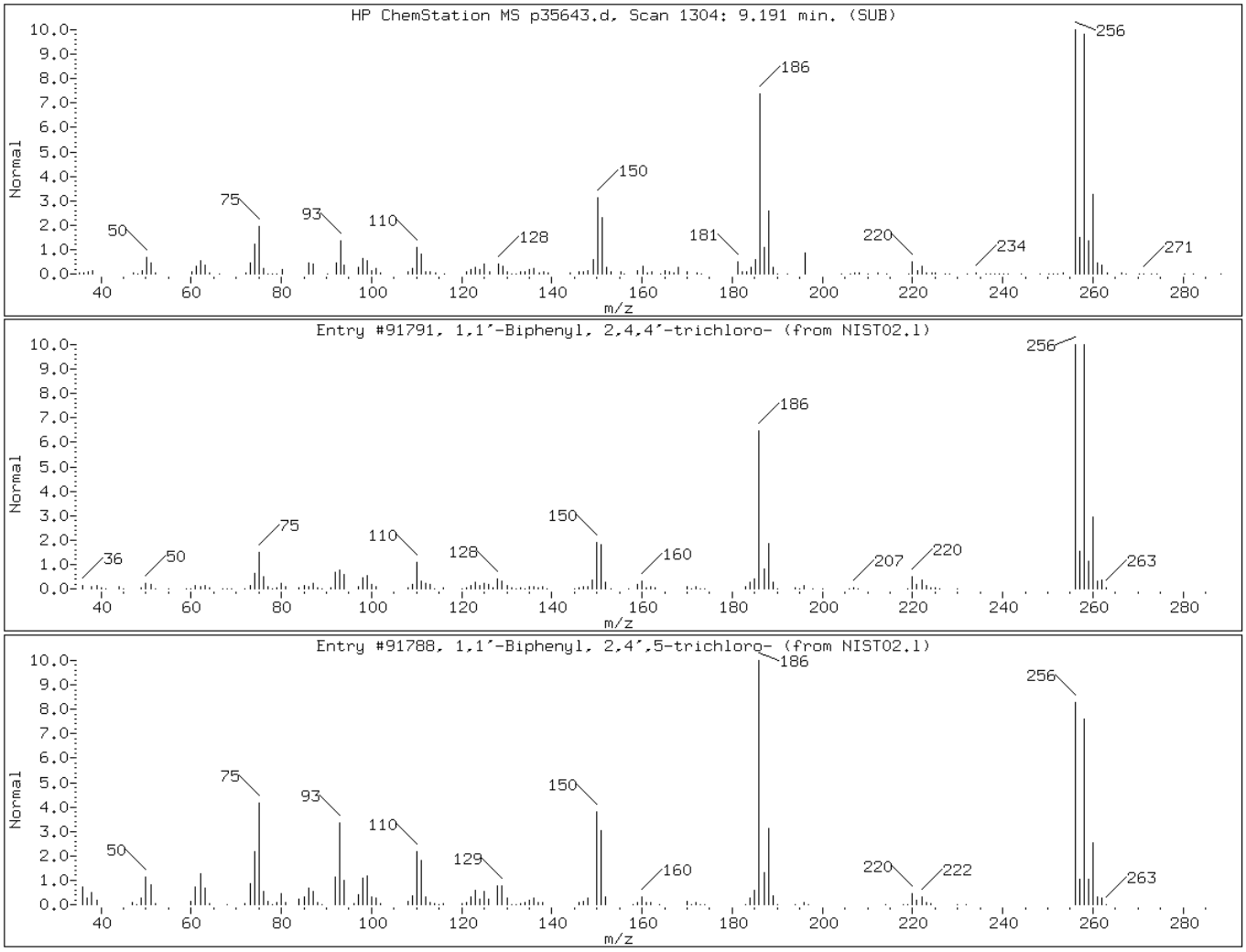
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 9.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: p35643.d

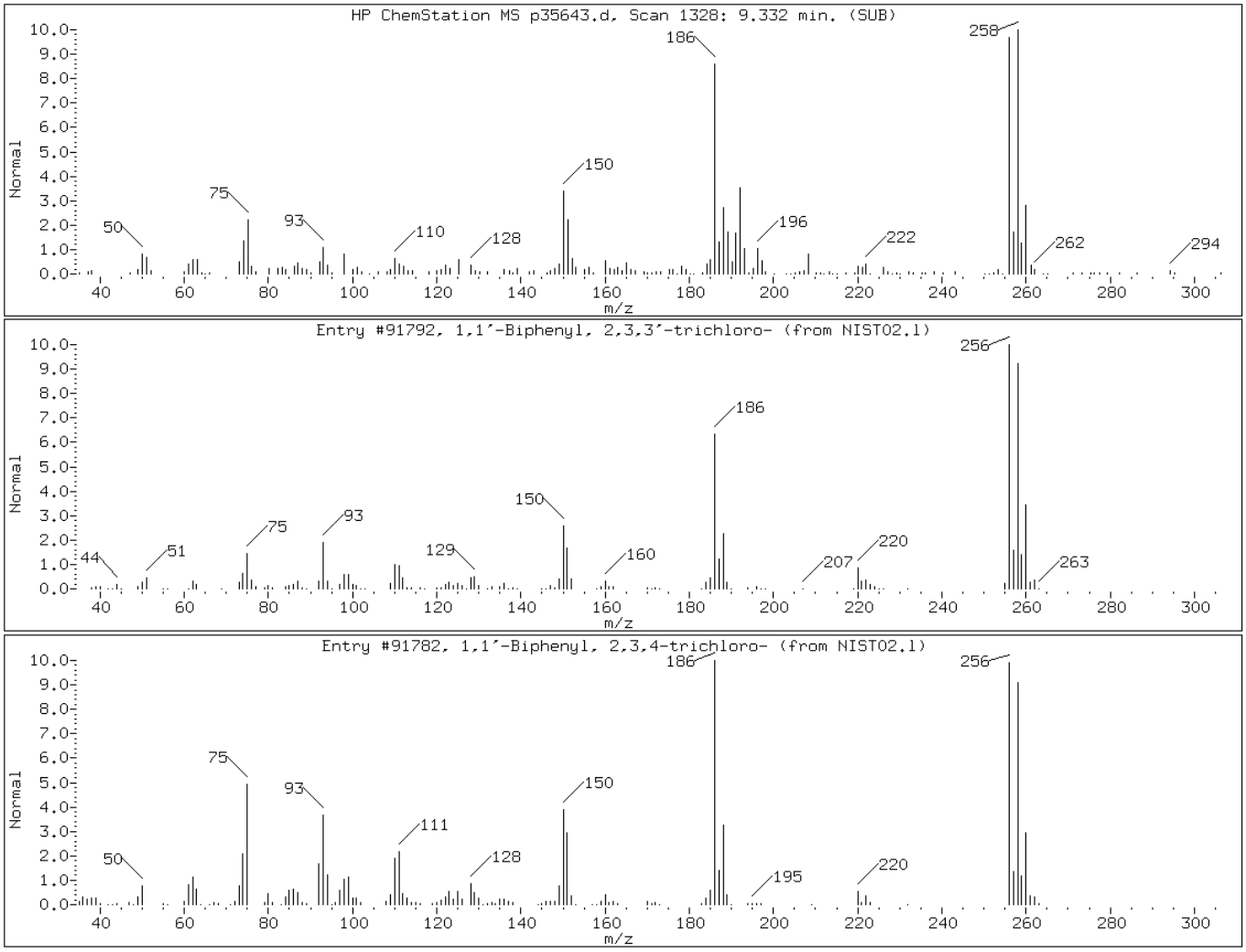
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	94	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	93	C12H7Cl3	256



Data File: p35643.d

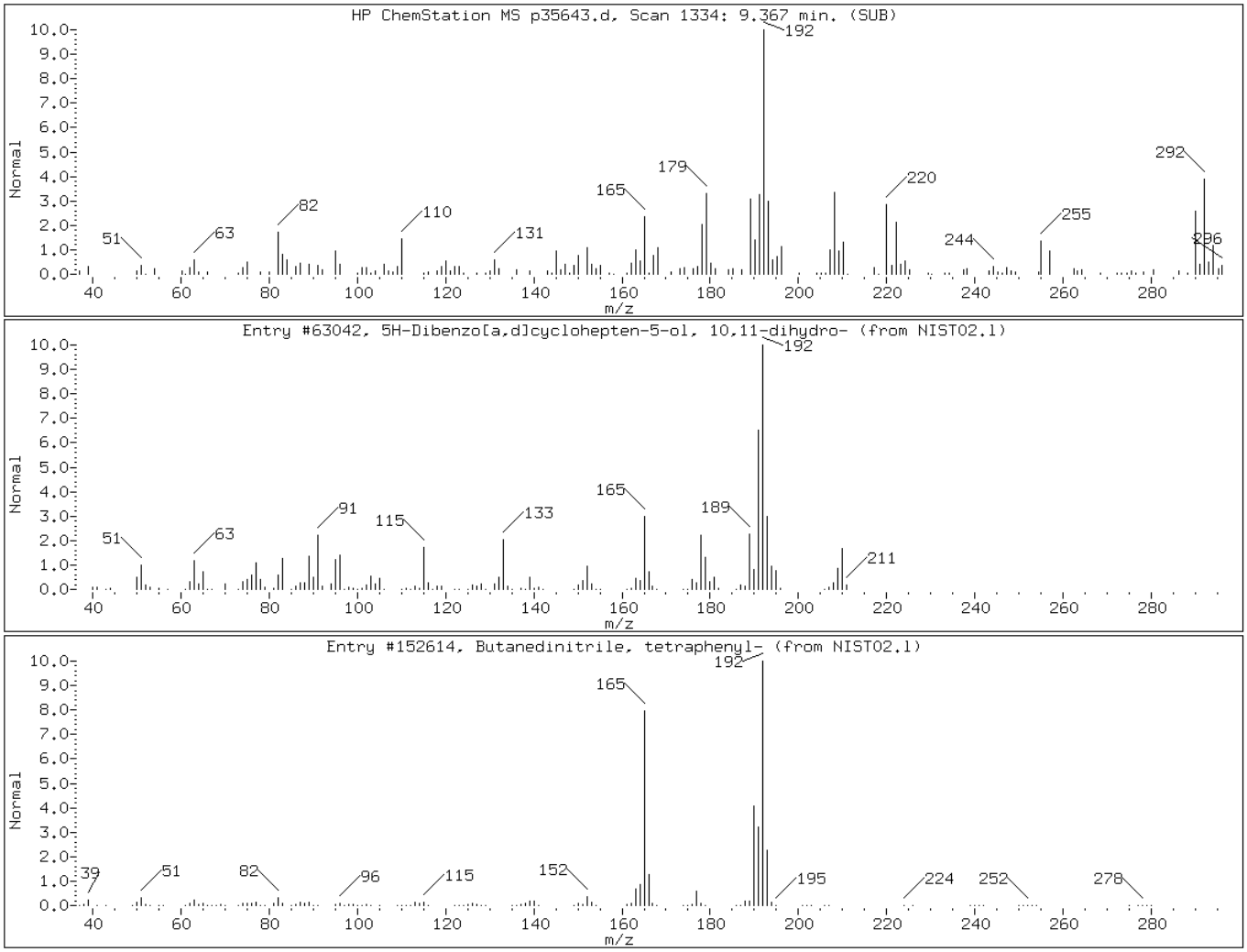
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 9.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
5H-Dibenzo[a,d]cyclohepten-5-ol, 1	1210-34-0	NIST02.l	63042	38	C15H14O	210
Butanedinitrile, tetraphenyl-	3122-21-2	NIST02.l	152614	27	C28H20N2	384



Data File: p35643.d

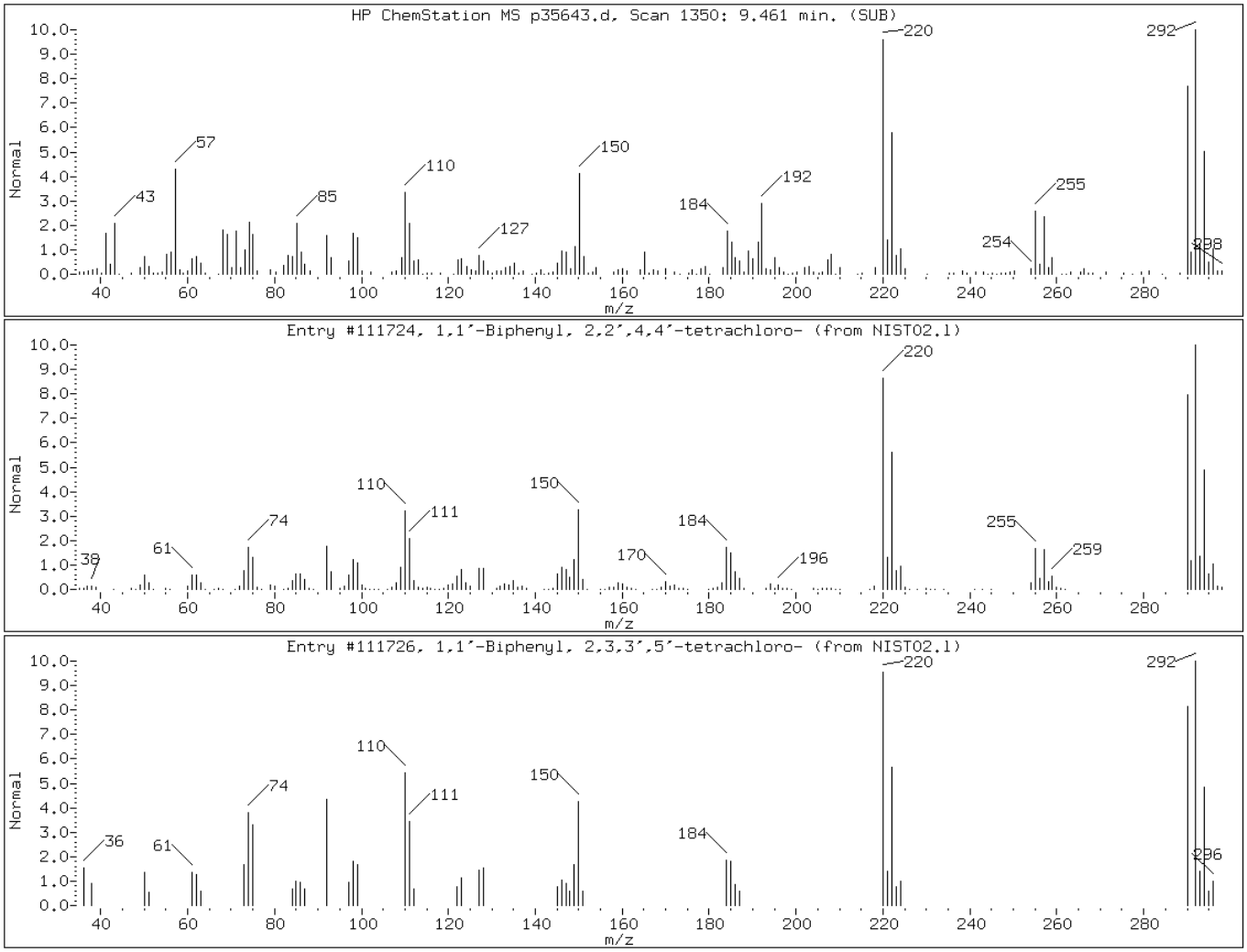
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 9.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	99	C12H6Cl4	290



Data File: p35643.d

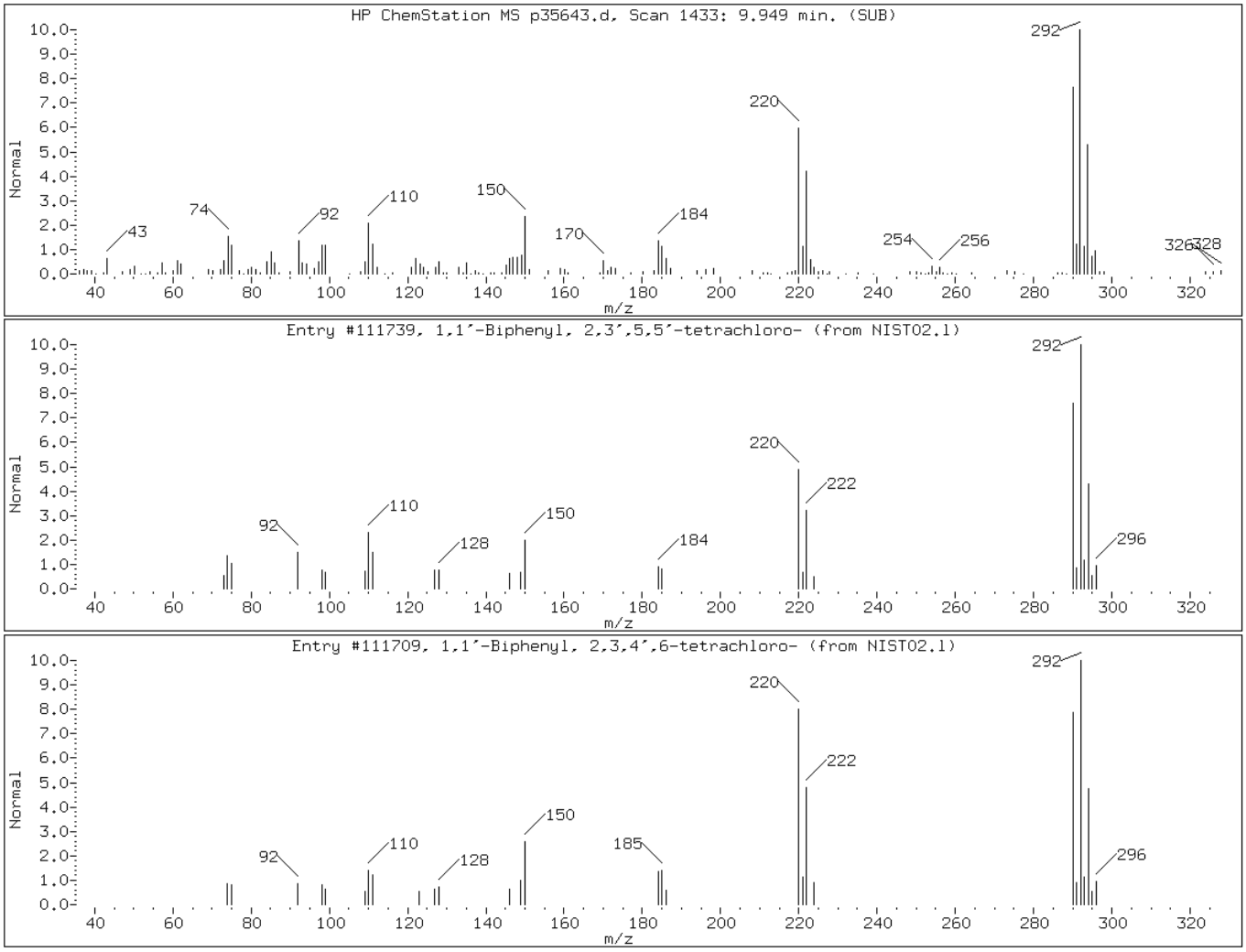
Date: 21-MAR-2013 21:31

Client ID: PMP-7-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-21-C Operator: BNAMS 4

Retention Time: 9.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	96	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	96	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI | Lab Sample ID: 460-52450-22

Matrix: Solid | Lab File ID: p35594.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/20/2013 23:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.5	U	39	4.5
95-50-1	1,2-Dichlorobenzene	46	U	390	46
541-73-1	1,3-Dichlorobenzene	36	U	390	36
106-46-7	1,4-Dichlorobenzene	45	U	390	45
121-14-2	2,4-Dinitrotoluene	13	U	80	13
606-20-2	2,6-Dinitrotoluene	12	U	80	12
91-58-7	2-Chloronaphthalene	44	U	390	44
91-57-6	2-Methylnaphthalene	52	J	390	51
88-74-4	2-Nitroaniline	160	U	800	160
91-94-1	3,3'-Dichlorobenzidine	140	U	800	140
99-09-2	3-Nitroaniline	140	U	800	140
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
106-47-8	4-Chloroaniline	100	U	390	100
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	800	120
83-32-9	Acenaphthene	58	U	390	58
208-96-8	Acenaphthylene	47	U	390	47
120-12-7	Anthracene	48	U	390	48
56-55-3	Benzo[a]anthracene	2.8	U	39	2.8
50-32-8	Benzo[a]pyrene	2.8	U	39	2.8
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
207-08-9	Benzo[k]fluoranthene	3.0	U	39	3.0
108-60-1	bis (2-chloroisopropyl) ether	44	U	390	44
111-91-1	Bis(2-chloroethoxy)methane	51	U	390	51
111-44-4	Bis(2-chloroethyl)ether	5.4	U	39	5.4
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
85-68-7	Butyl benzyl phthalate	36	U	390	36
86-74-8	Carbazole	47	U	390	47
218-01-9	Chrysene	46	U	390	46
53-70-3	Dibenz(a,h)anthracene	5.0	U	39	5.0
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	47	U	390	47
131-11-3	Dimethyl phthalate	47	U	390	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI | Lab Sample ID: 460-52450-22

Matrix: Solid | Lab File ID: p35594.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/20/2013 23:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	49	U	390	49
117-84-0	Di-n-octyl phthalate	25	U	390	25
206-44-0	Fluoranthene	53	U	390	53
86-73-7	Fluorene	220	J	390	50
118-74-1	Hexachlorobenzene	5.4	U	39	5.4
87-68-3	Hexachlorobutadiene	9.6	U	80	9.6
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
67-72-1	Hexachloroethane	4.4	U	39	4.4
193-39-5	Indeno[1,2,3-cd]pyrene	7.3	U	39	7.3
78-59-1	Isophorone	48	U	390	48
91-20-3	Naphthalene	46	U	390	46
98-95-3	Nitrobenzene	5.6	U	39	5.6
621-64-7	N-Nitrosodi-n-propylamine	6.6	U	39	6.6
86-30-6	N-Nitrosodiphenylamine	39	U	390	39
85-01-8	Phenanthrene	1300		390	50
129-00-0	Pyrene	280	J	390	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	99		40-109
4165-60-0	Nitrobenzene-d5	84		38-105
1718-51-0	Terphenyl-d14	74		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI | Lab Sample ID: 460-52450-22

Matrix: Solid | Lab File ID: p35594.d

Analysis Method: 8270C | Date Collected: 03/14/2013 13:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/20/2013 23:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 193800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-3	7.38	6600	J
	Unknown Alkane-7	7.88	9200	J
	Unknown Alkane-8	8.10	8200	J
	Unknown Alkane-9	8.18	6800	J
	Unknown Alkane-10	8.35	37000	J
	Unknown Alkane-11	8.37	22000	J
	Unknown Alkane-12	8.54	12000	J
	Unknown Alkane-14	8.66	7600	J
593-45-3	n-Octadecane	8.79	13000	E
	Unknown Alkane-15	8.82	22000	J
	Unknown Alkane-18	9.21	13000	J
	Trichloro-1,1-biphenyl isomer-2	9.25	13000	J
	Trichloro-1,1-biphenyl isomer-3	9.38	7900	J
	Tetrachloro-1,1-biphenyl isomer	9.51	9700	J
	Unknown Alkane-19	9.60	5800	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35594.d
Report Date: 22-Mar-2013 11:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35594.d
Lab Smp Id: 460-52450-F-22-C Client Smp ID: PMP-7-NE-SI
Inj Date : 20-MAR-2013 23:34
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-22-C
Misc Info : 460-52450-F-22-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 17
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	15.04000	Weight of sample extracted (g)
M	16.40625	% 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	3.136	3.101	(0.715)	1685355	75.4535	6000
$ 17 Phenol-d5 (SUR)	99	4.023	4.035	(0.917)	2005895	78.3460	6200
* 79 1,4-Dichlorobenzene-d4	152	4.388	4.394	(1.000)	658809	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	918872	41.8502	3300
* 80 Naphthalene-d8	136	5.668	5.675	(1.000)	2066185	40.0000	
34 2-Methylnaphthalene	142	6.385	6.391	(1.126)	23307	0.65586	52(aH)
120 1-Methylnaphthalene	142	6.485	6.491	(1.144)	13805	0.38492	31(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.909)	1383968	49.2640	3900
125 1,3-Dimethylnaphthalene	156	7.084	7.091	(0.954)	131515	6.09881	480
* 82 Acenaphthene-d10	164	7.425	7.425	(1.000)	828210	40.0000	
47 Fluorene	166	7.966	7.966	(1.073)	66686	2.81776	220(aH)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.213	8.207	(1.106)	239700	69.6157	5500
115 n-Octadecane	57	8.794	8.777	(0.988)	2282859	168.445	13000(A)

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35594.d
Report Date: 22-Mar-2013 11:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
*	83 Phenanthrene-d10	188	8.900	8.888	(1.000)	828419	40.0000	
	52 Phenanthrene	178	8.924	8.912	(1.003)	380258	16.8404	1300
	57 Pyrene	202	10.310	10.305	(0.884)	72709	3.51408	280(a)
$	78 Terphenyl-d14	244	10.463	10.457	(0.897)	531547	36.8913	2900
*	81 Chrysene-d12	240	11.667	11.674	(1.000)	455090	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.679	11.679	(1.001)	15381	1.47326	120(a)
*	84 Perylene-d12	264	13.600	13.607	(1.000)	439340	40.0000	

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.
H - Operator selected an alternate compound hit.

Data File: p35594.d

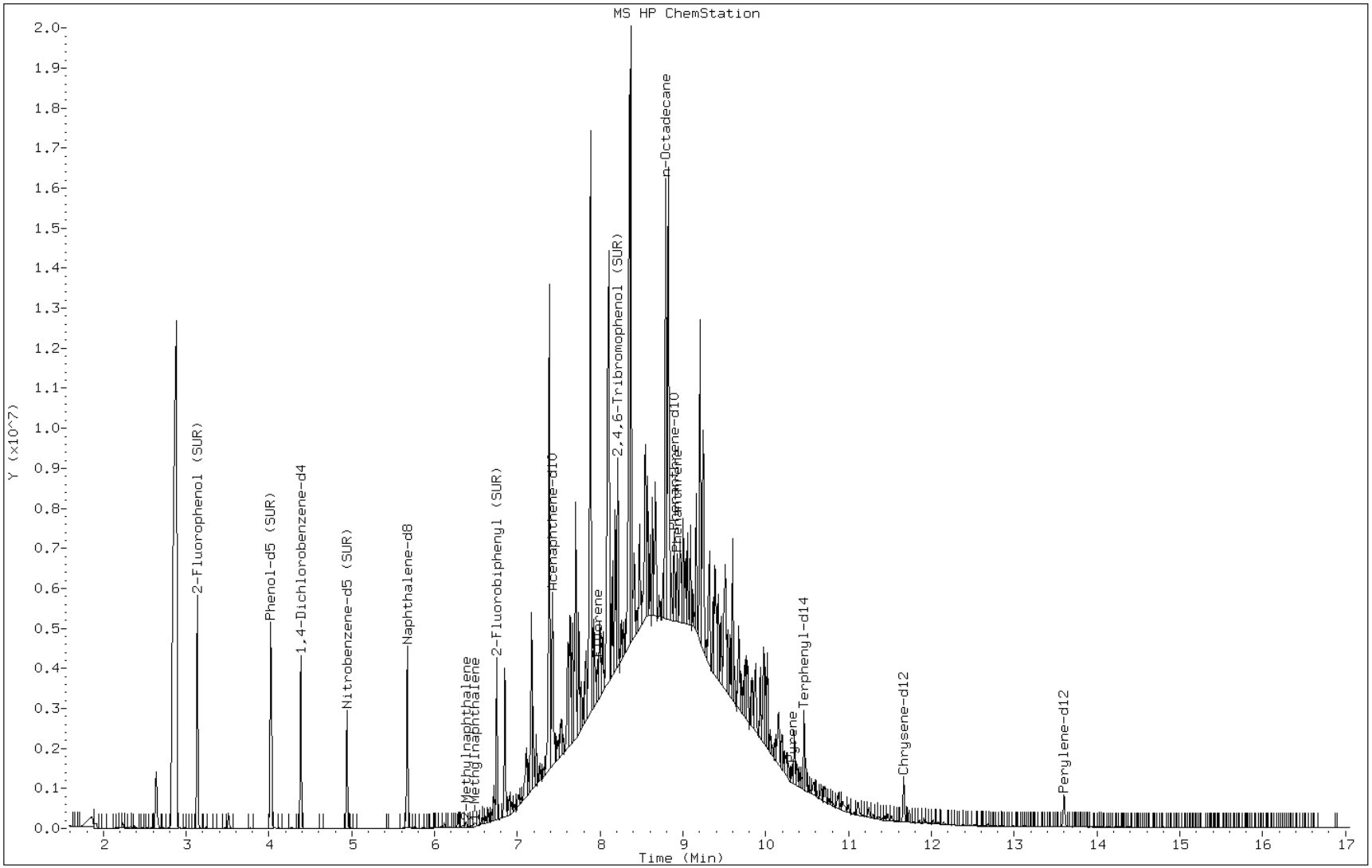
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI

Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C

Operator: BNAMS 4



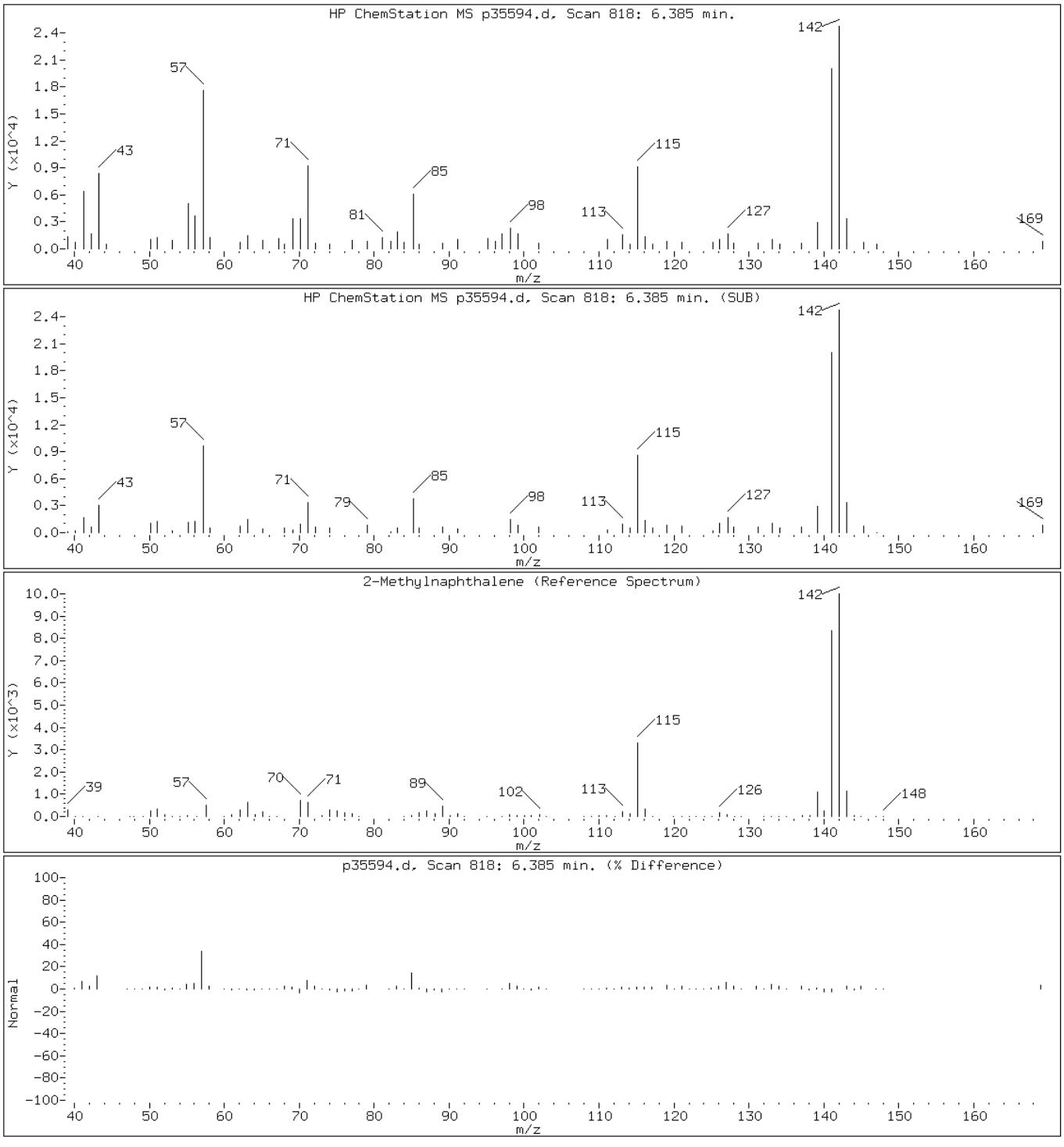
Data File: p35594.d

Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

34 2-Methylnaphthalene



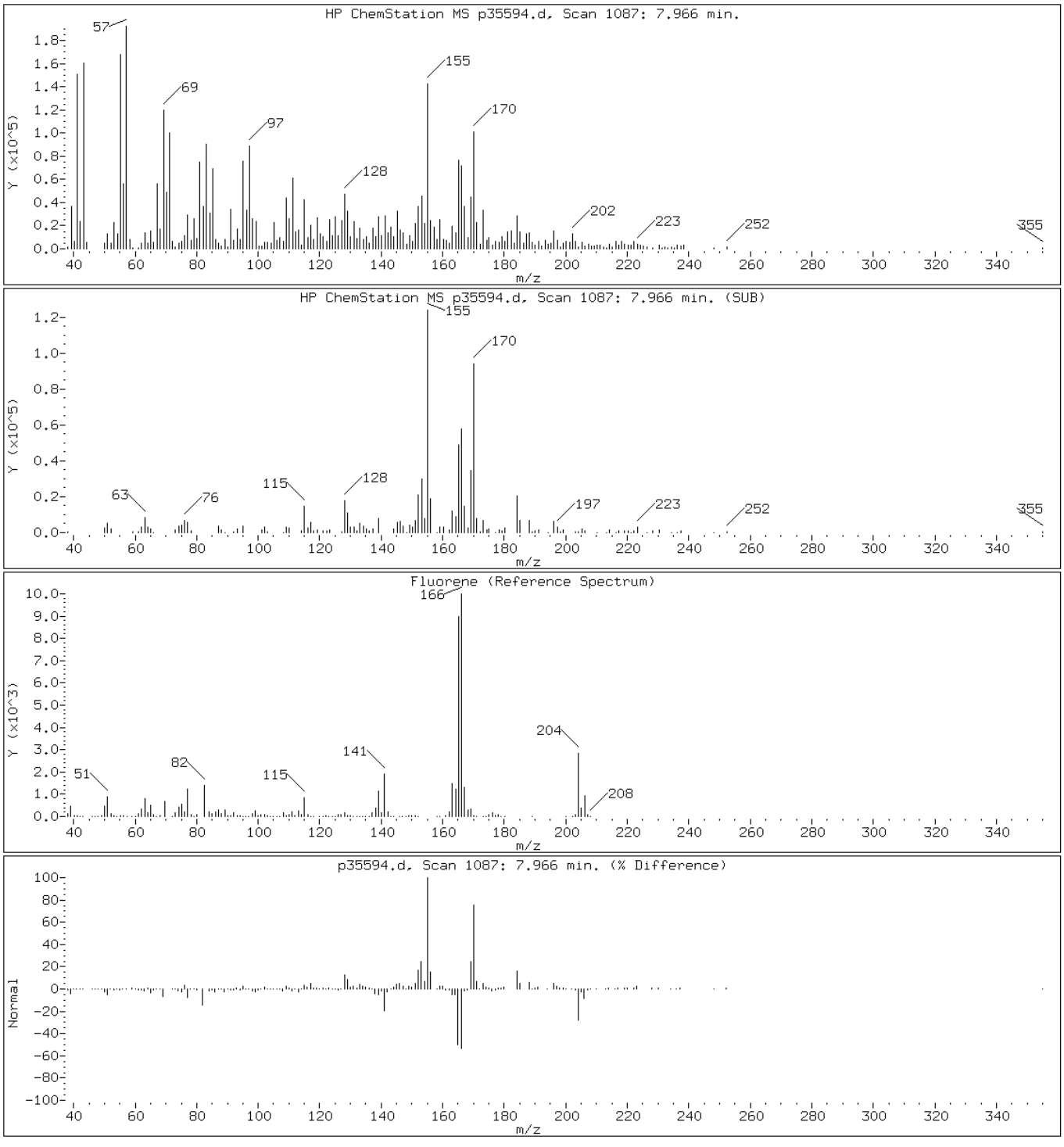
Data File: p35594.d

Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

47 Fluorene



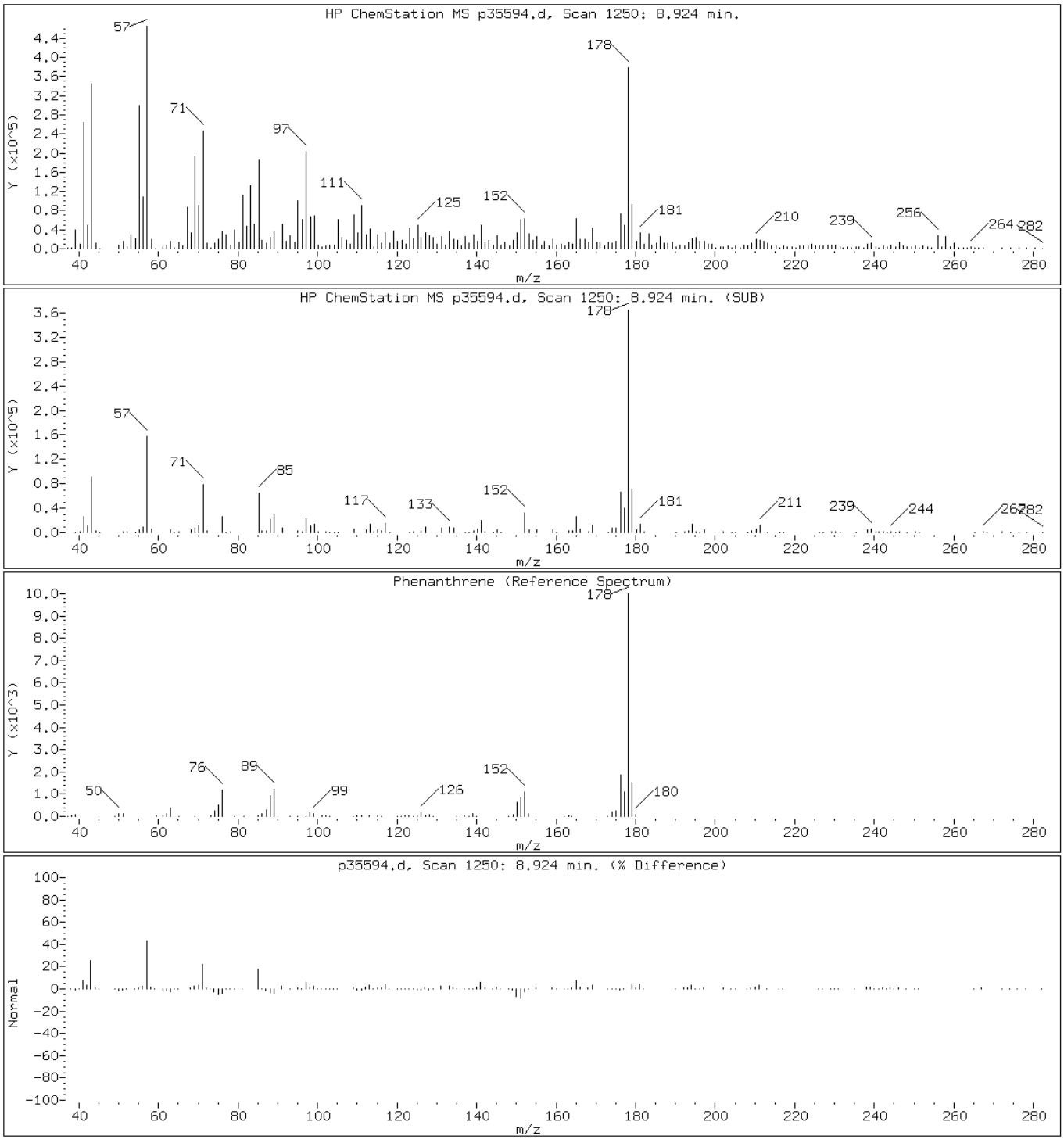
Data File: p35594.d

Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

52 Phenanthrene



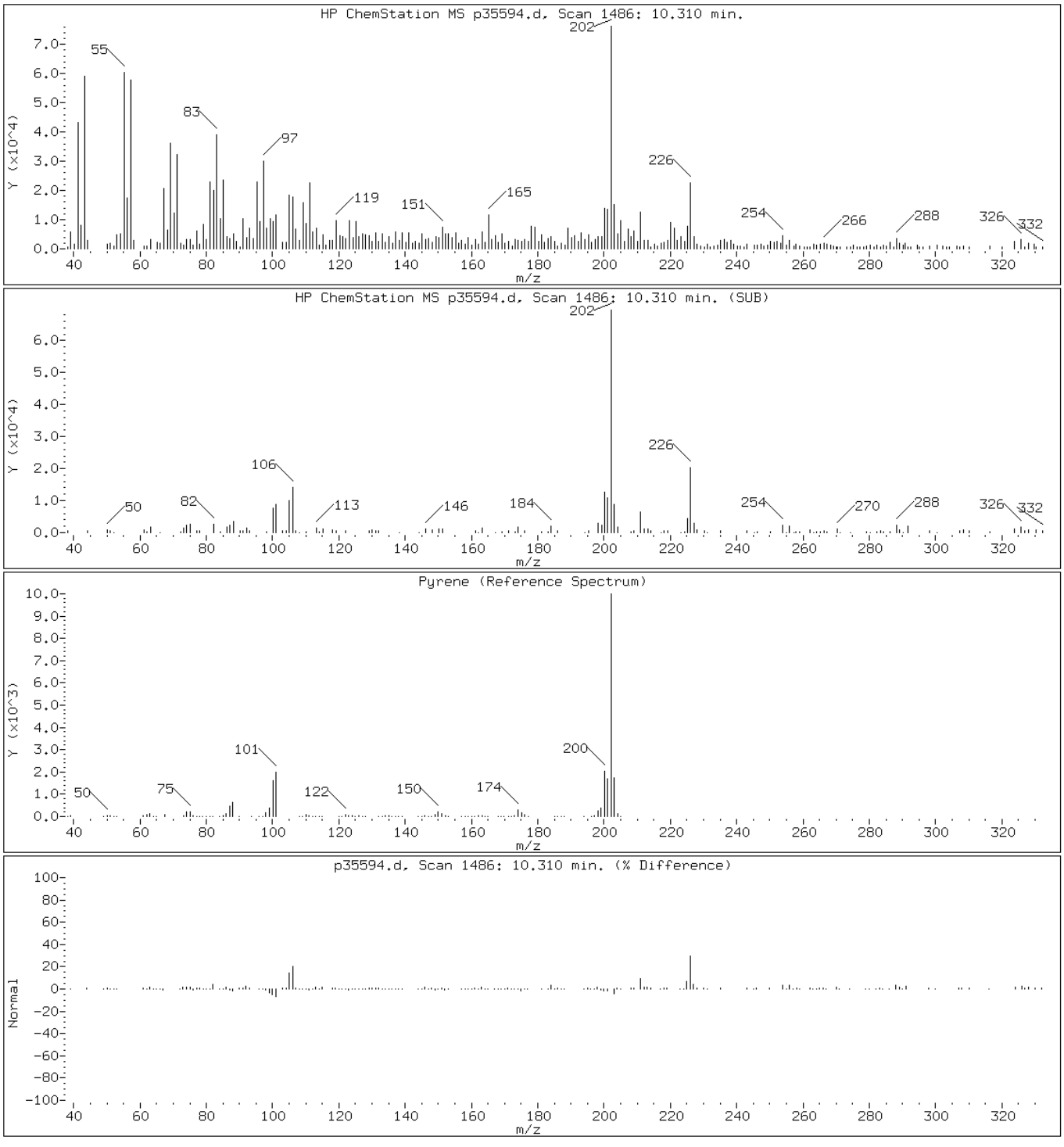
Data File: p35594.d

Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

57 Pyrene



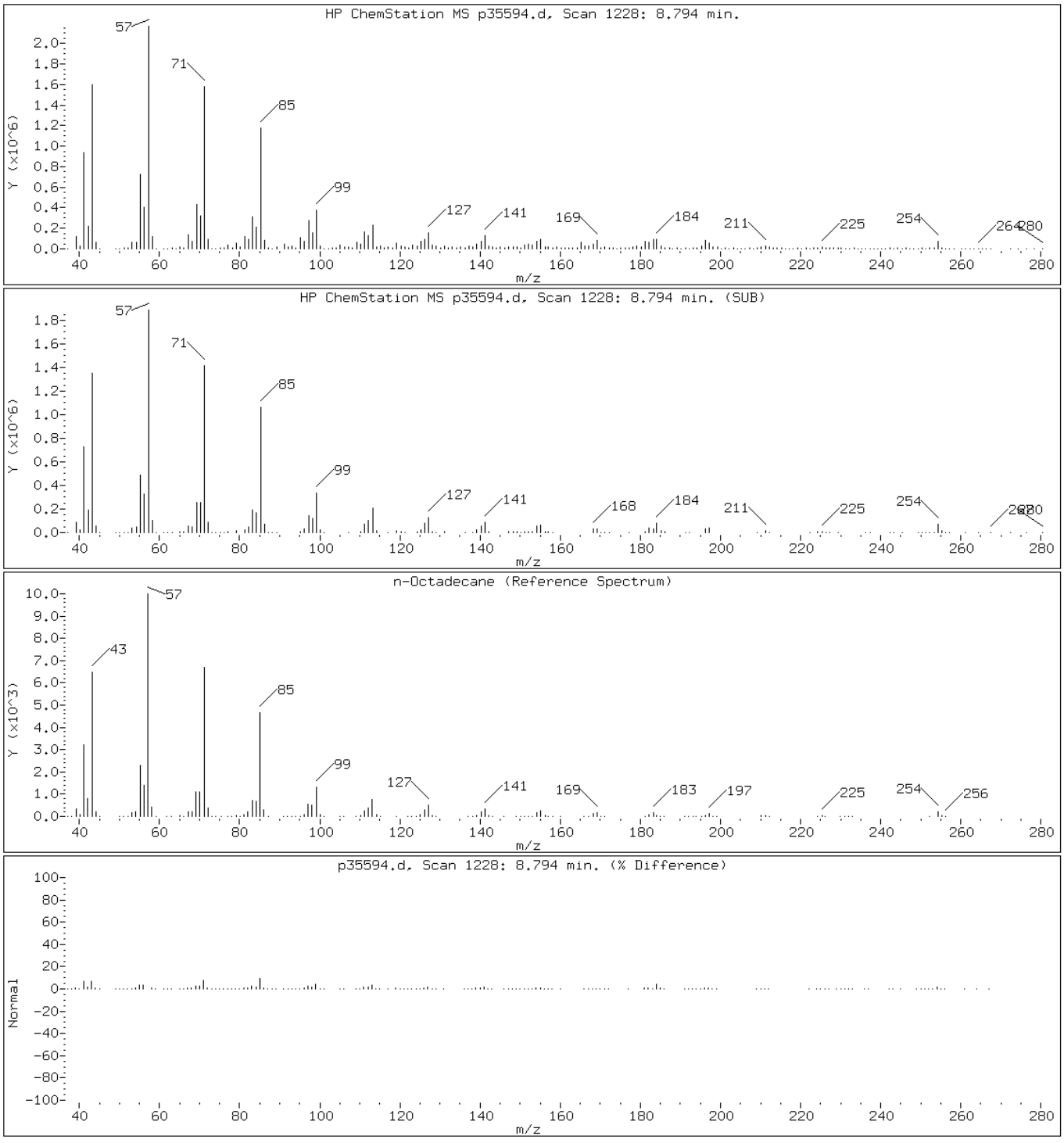
Data File: p35594.d

Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

115 n-Octadecane



Data File: p35594.d

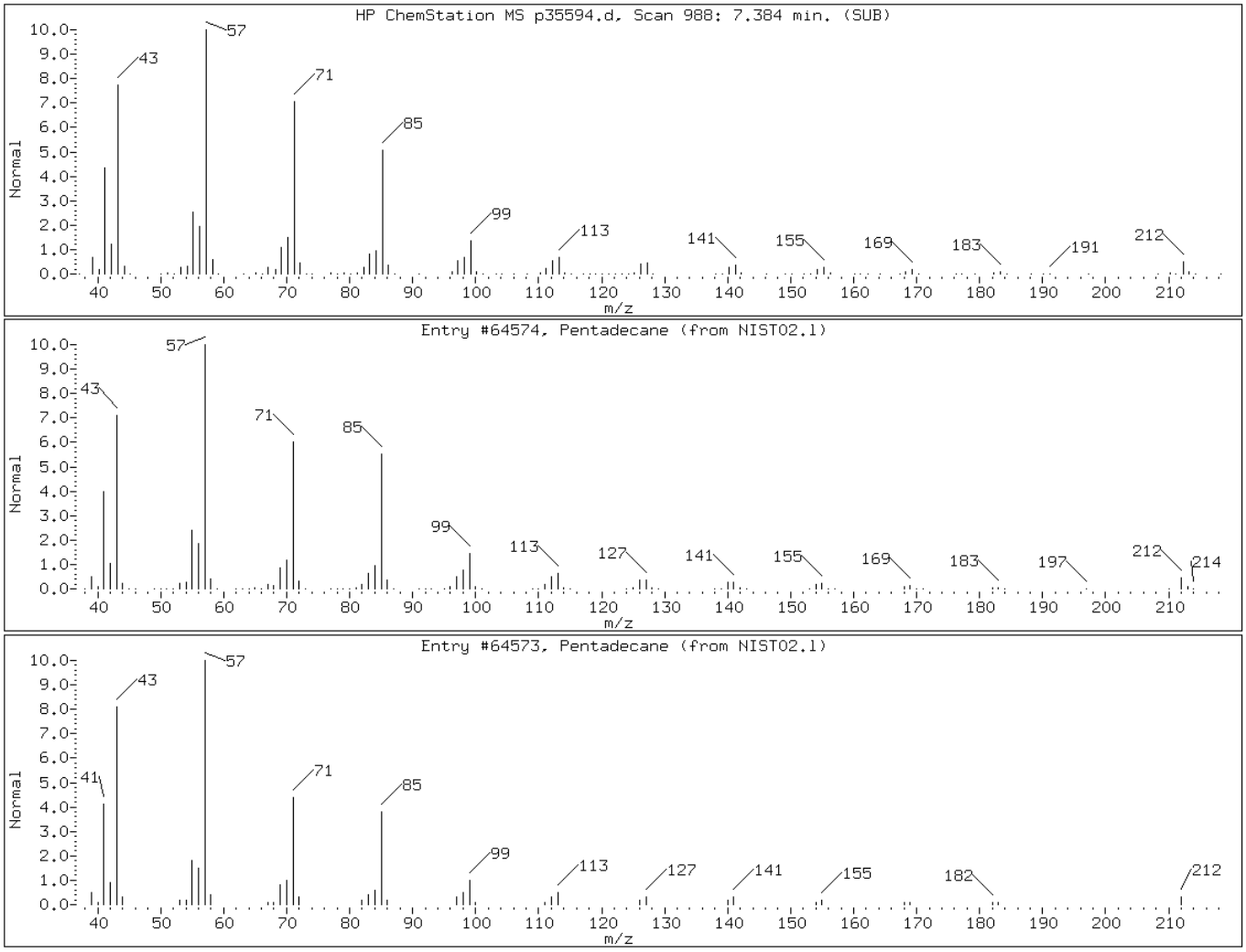
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 7.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane	629-62-9	NIST02.l	64574	98	C15H32	212
Pentadecane	629-62-9	NIST02.l	64573	97	C15H32	212



Data File: p35594.d

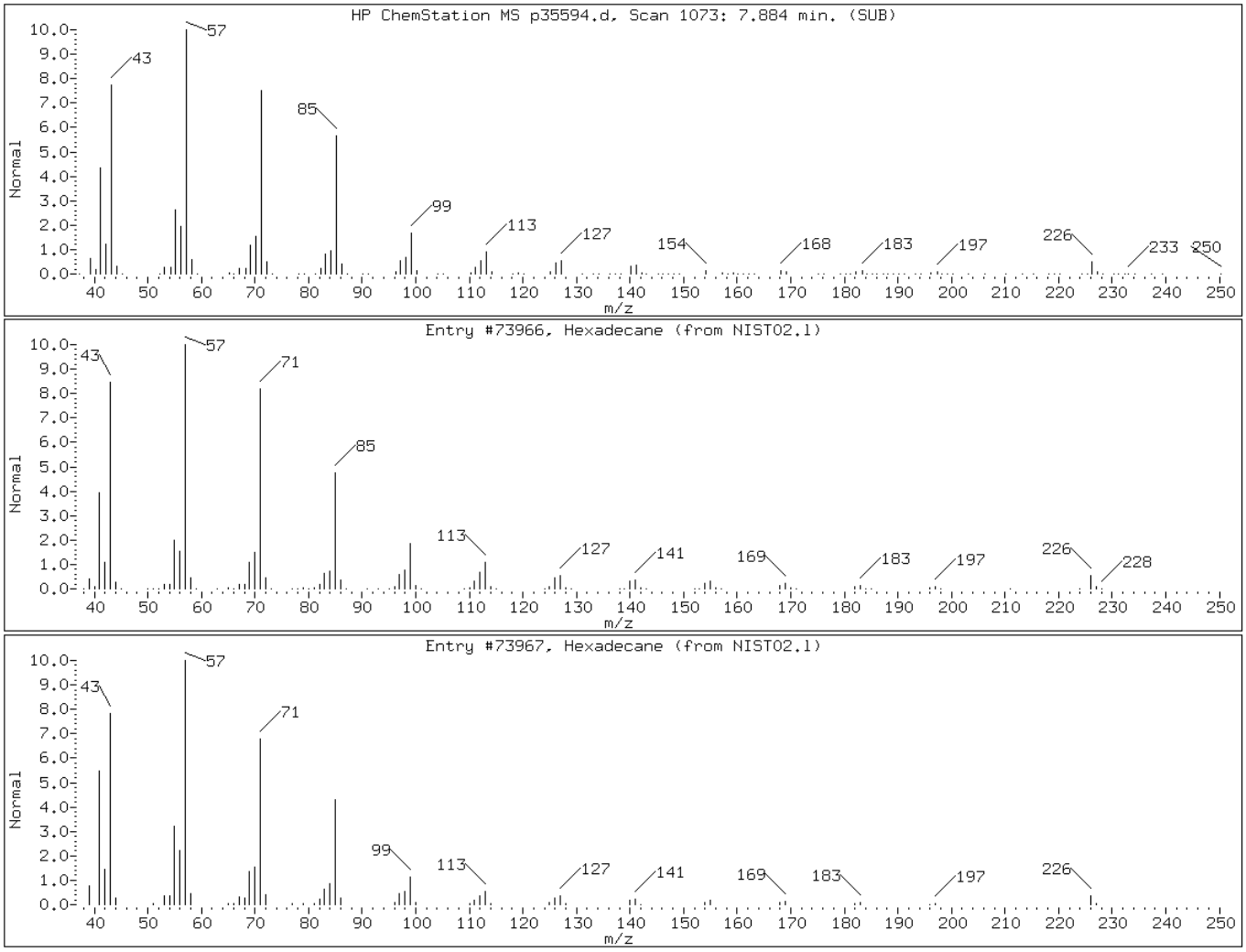
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 7.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73967	96	C16H34	226



Data File: p35594.d

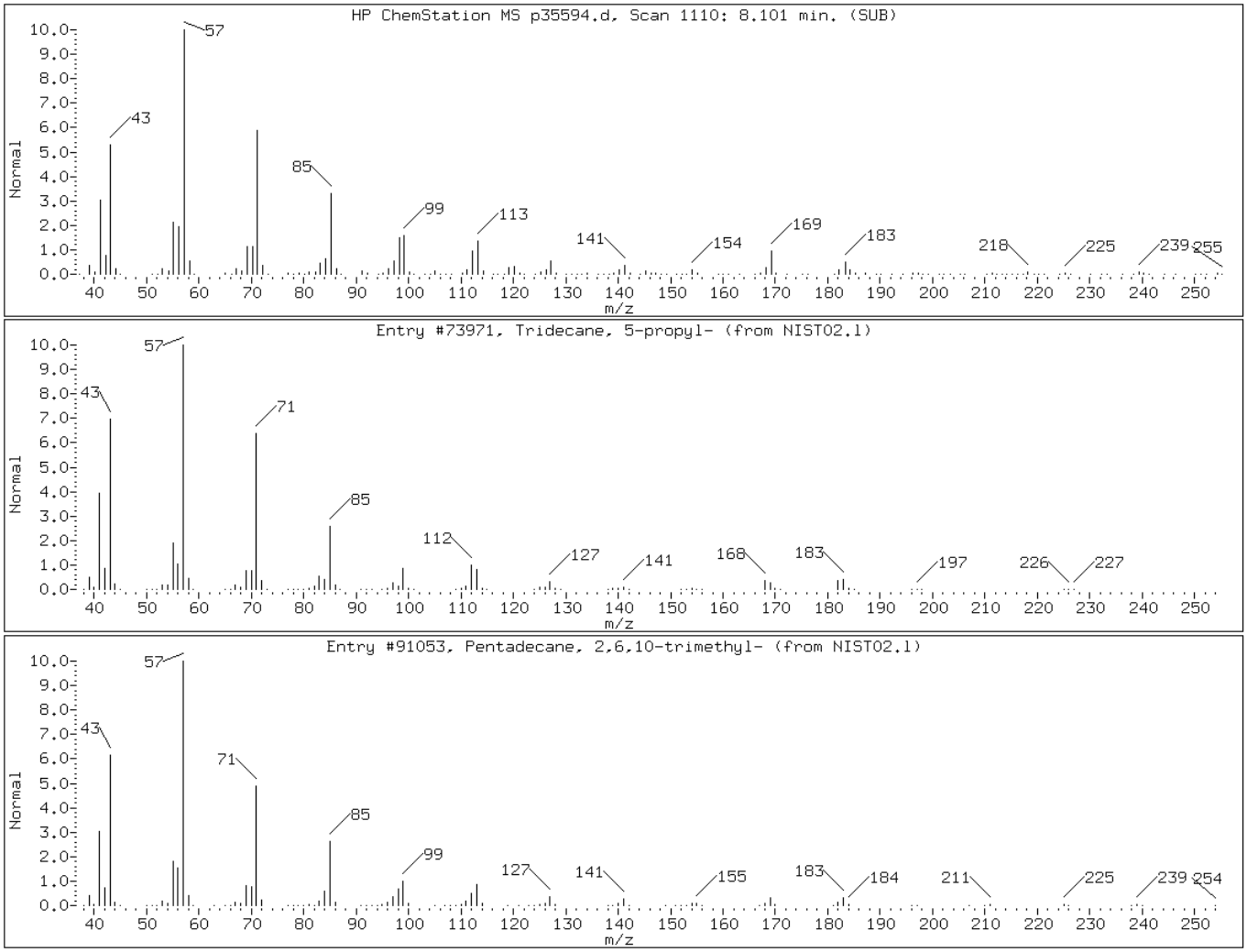
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	90	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254



Data File: p35594.d

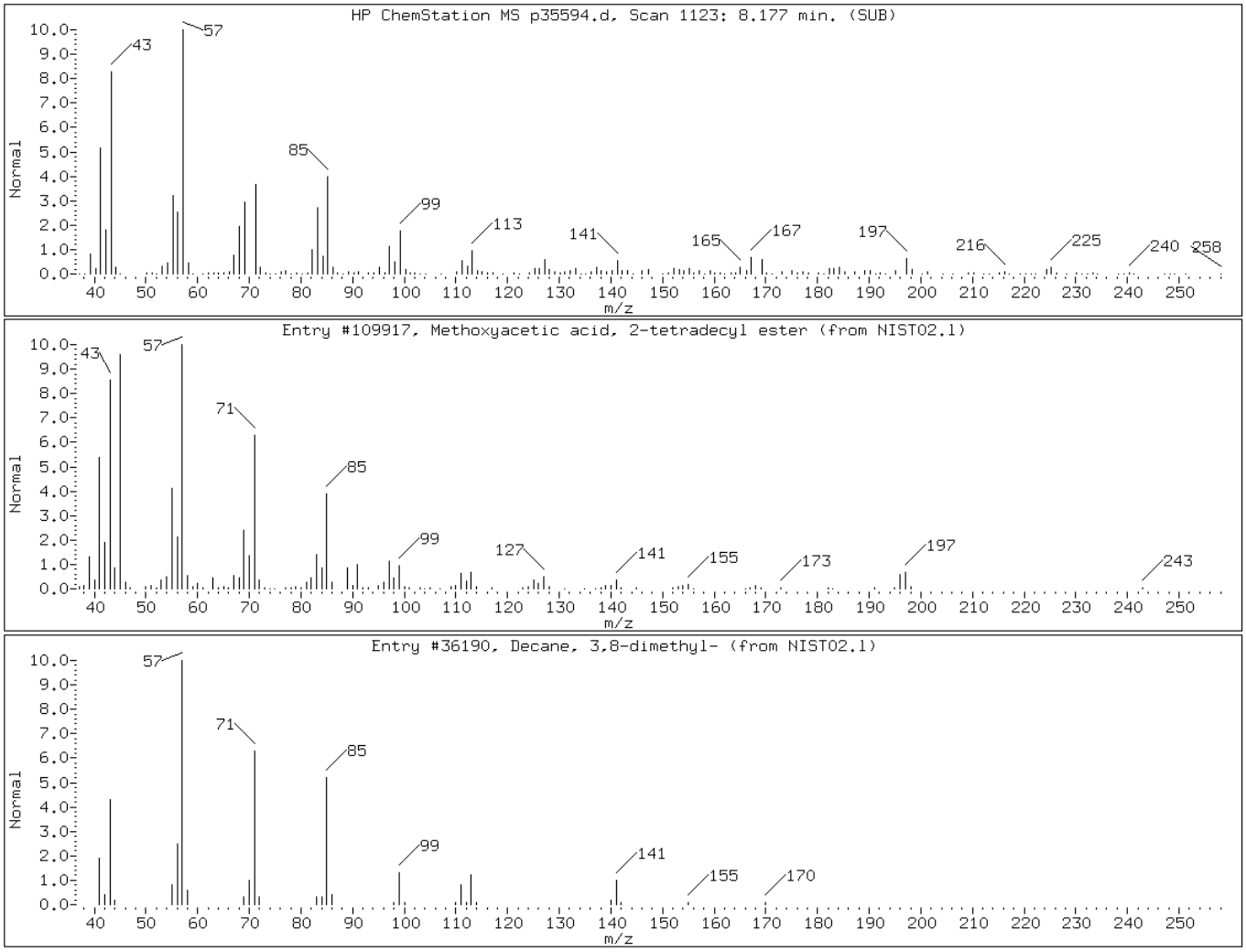
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 8.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Methoxyacetic acid, 2-tetradecyl e	1000282-04-8	NIST02.l	109917	58	C17H34O3	286
Decane, 3,8-dimethyl-	17312-55-9	NIST02.l	36190	55	C12H26	170



Data File: p35594.d

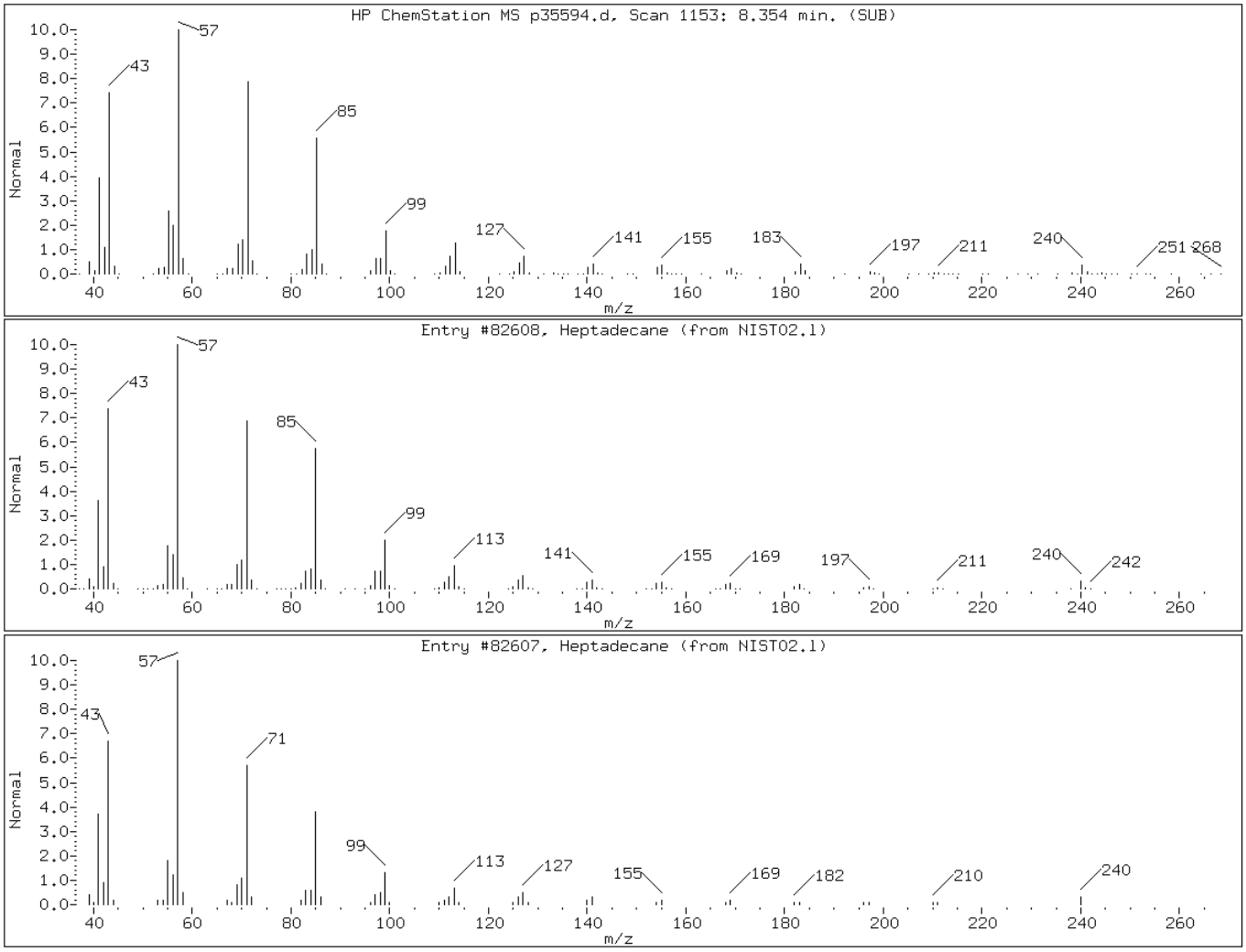
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	96	C17H36	240



Data File: p35594.d

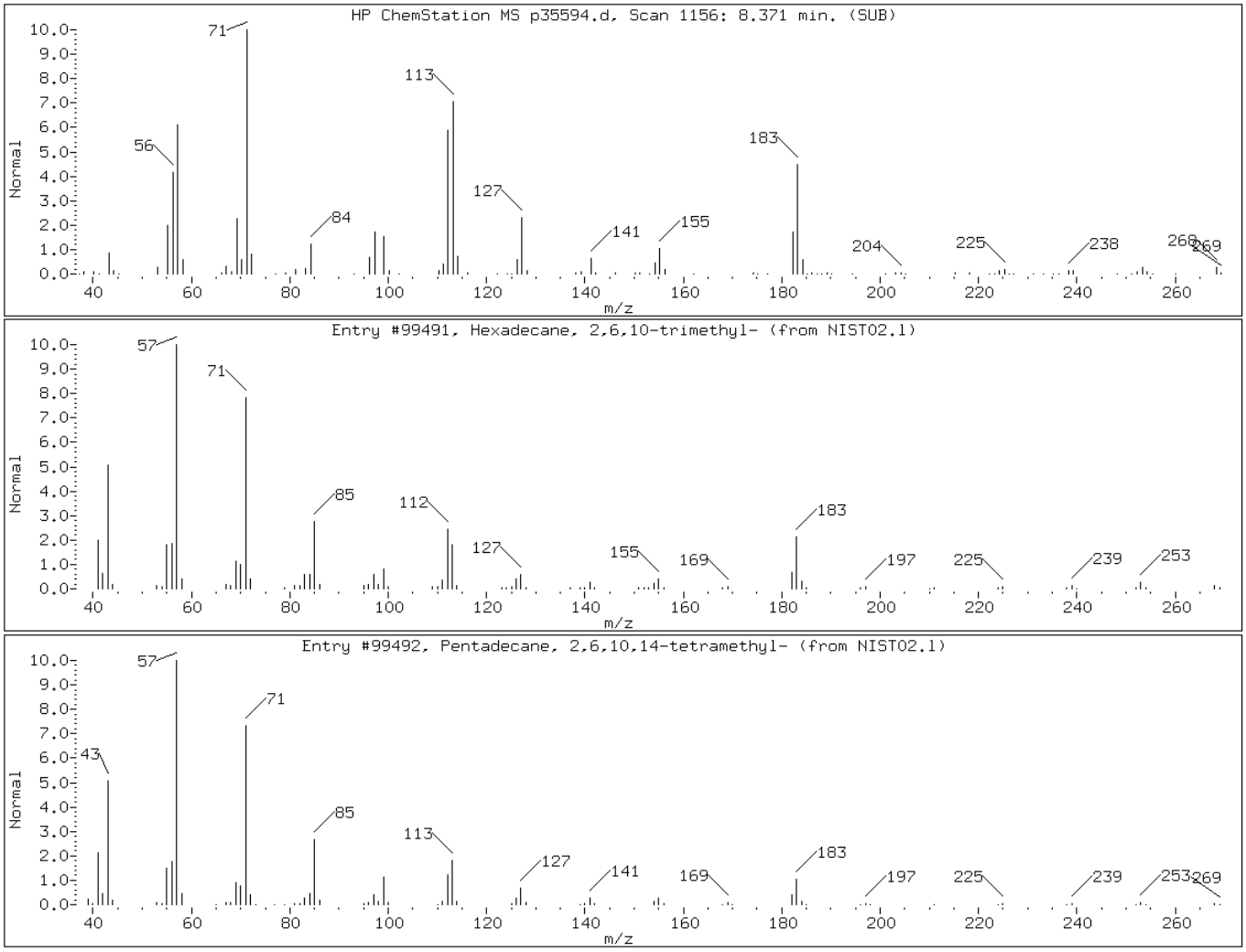
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	53	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	43	C19H40	268



Data File: p35594.d

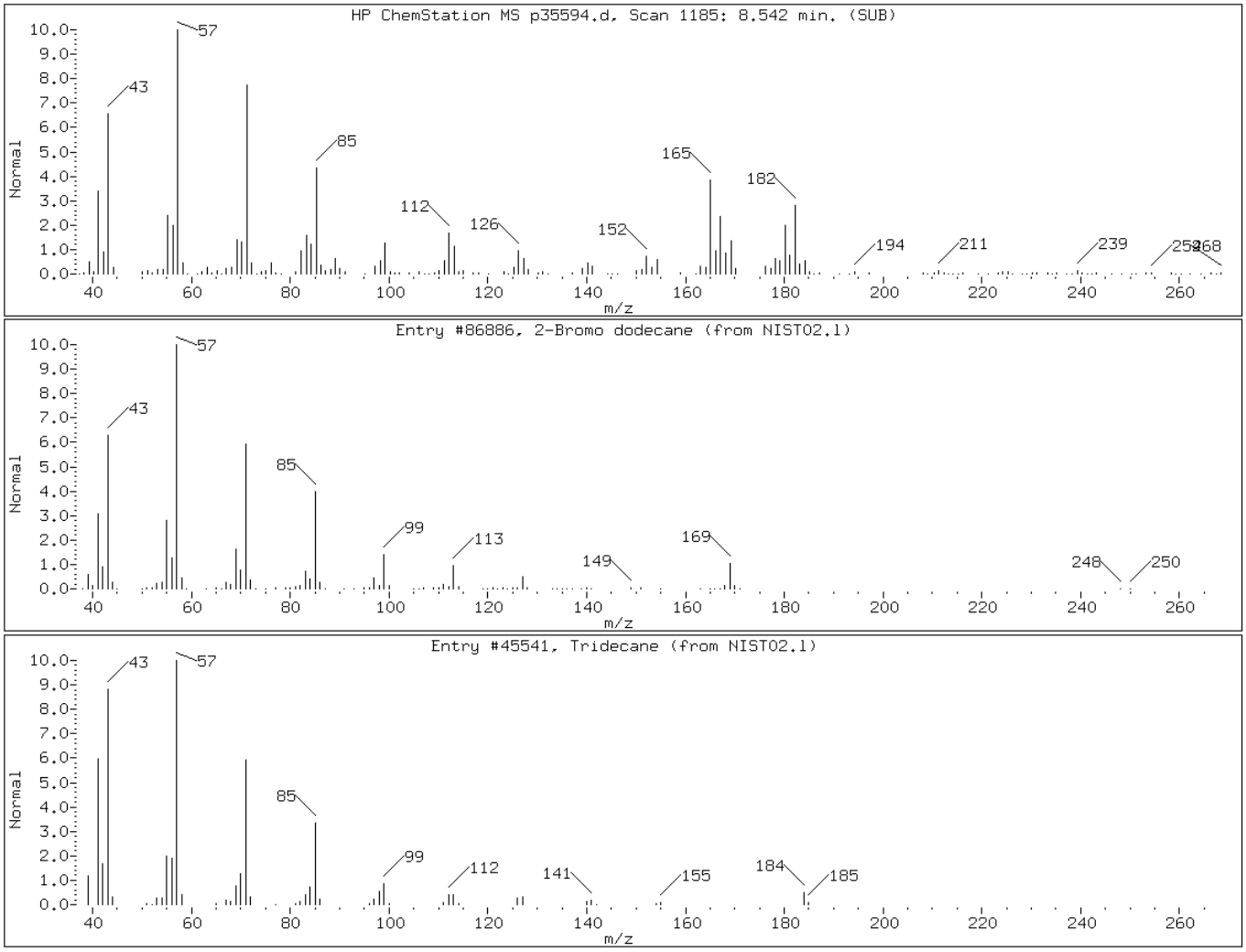
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
2-Bromo dodecane	13187-99-0	NIST02.l	86886	64	C12H25Br	248
Tridecane	629-50-5	NIST02.l	45541	50	C13H28	184



Data File: p35594.d

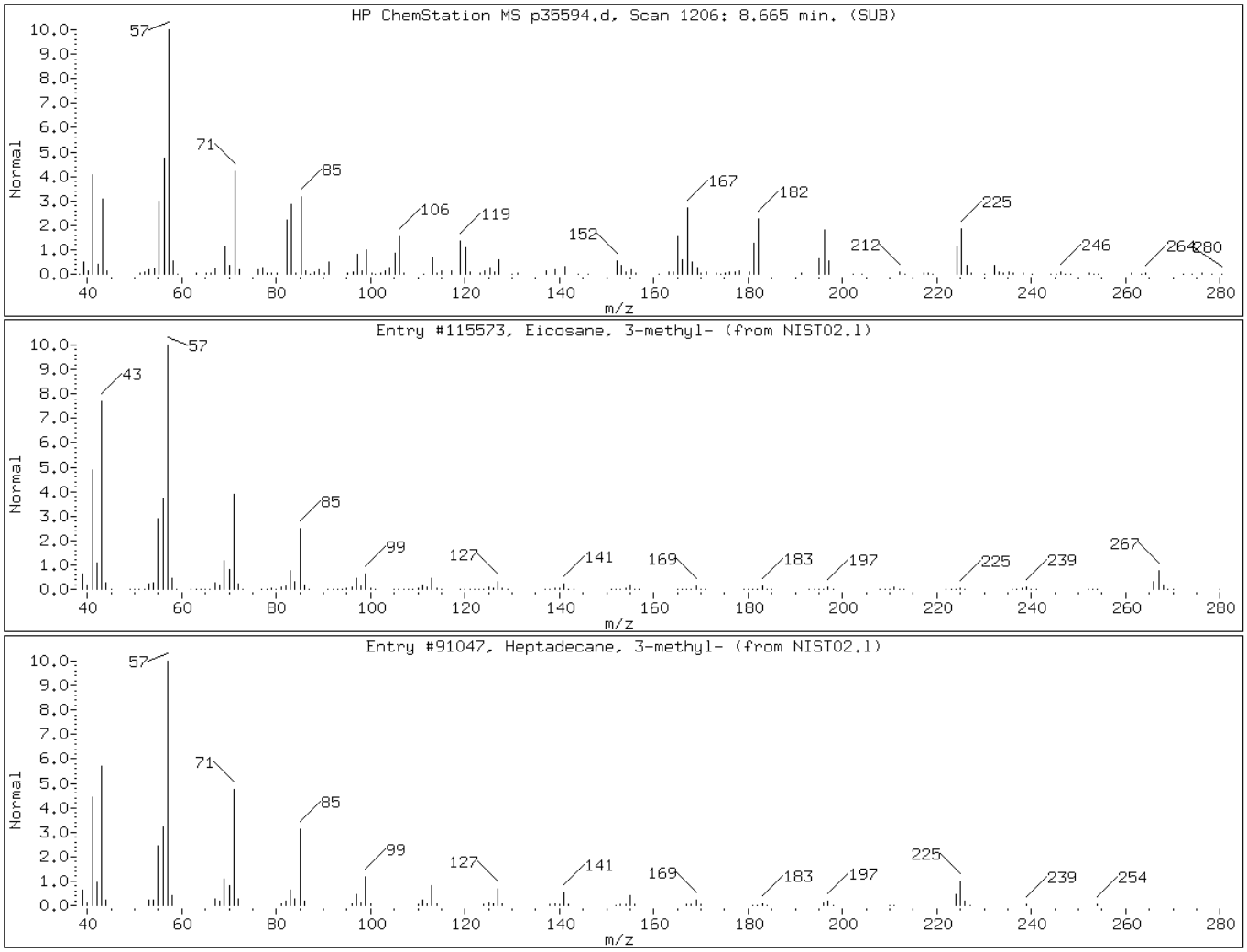
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Eicosane, 3-methyl-	6418-46-8	NIST02.l	115573	43	C21H44	296
Heptadecane, 3-methyl-	6418-44-6	NIST02.l	91047	43	C18H38	254



Data File: p35594.d

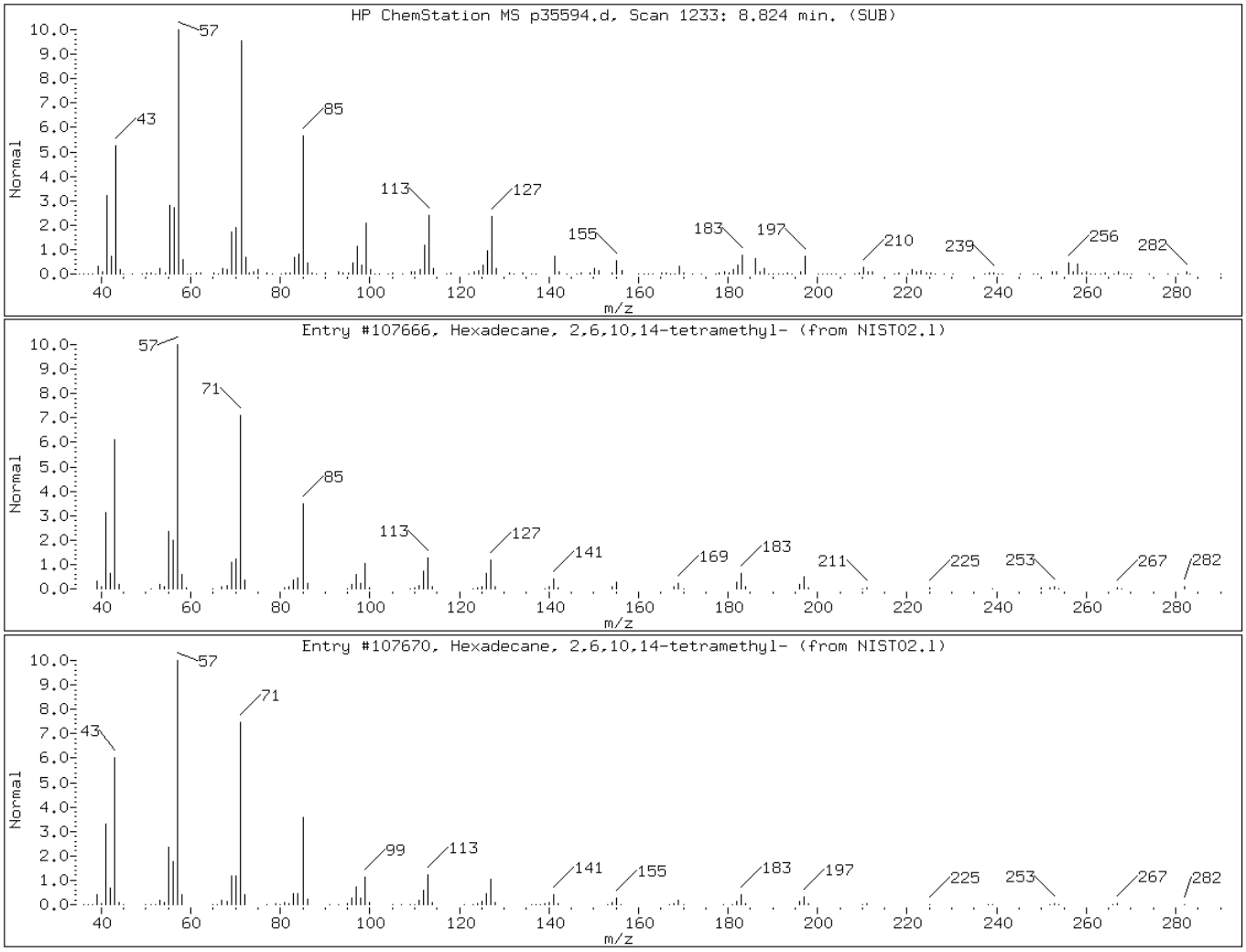
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	86	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	83	C20H42	282



Data File: p35594.d

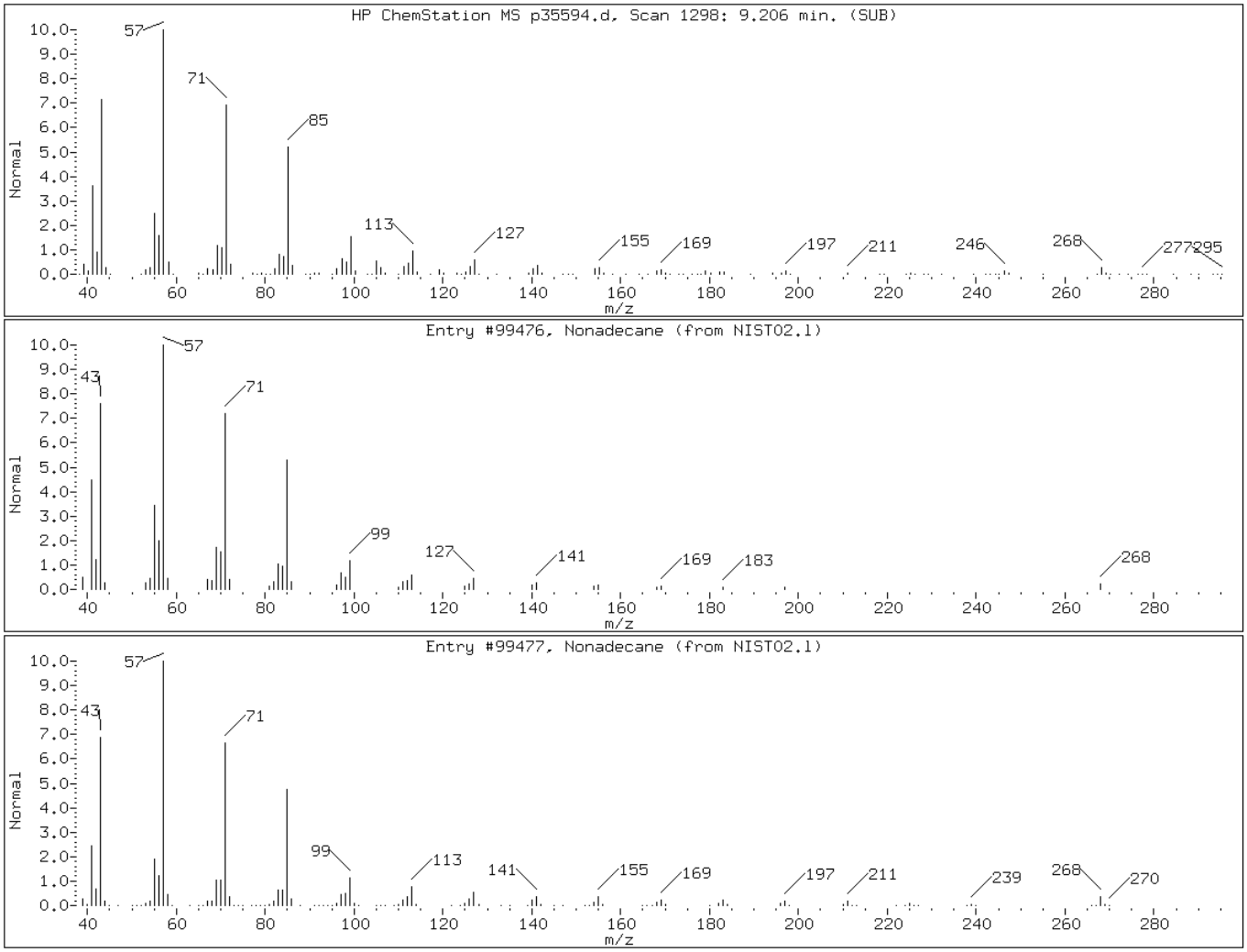
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 9.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Nonadecane	629-92-5	NIST02.l	99476	99	C19H40	268
Nonadecane	629-92-5	NIST02.l	99477	94	C19H40	268



Data File: p35594.d

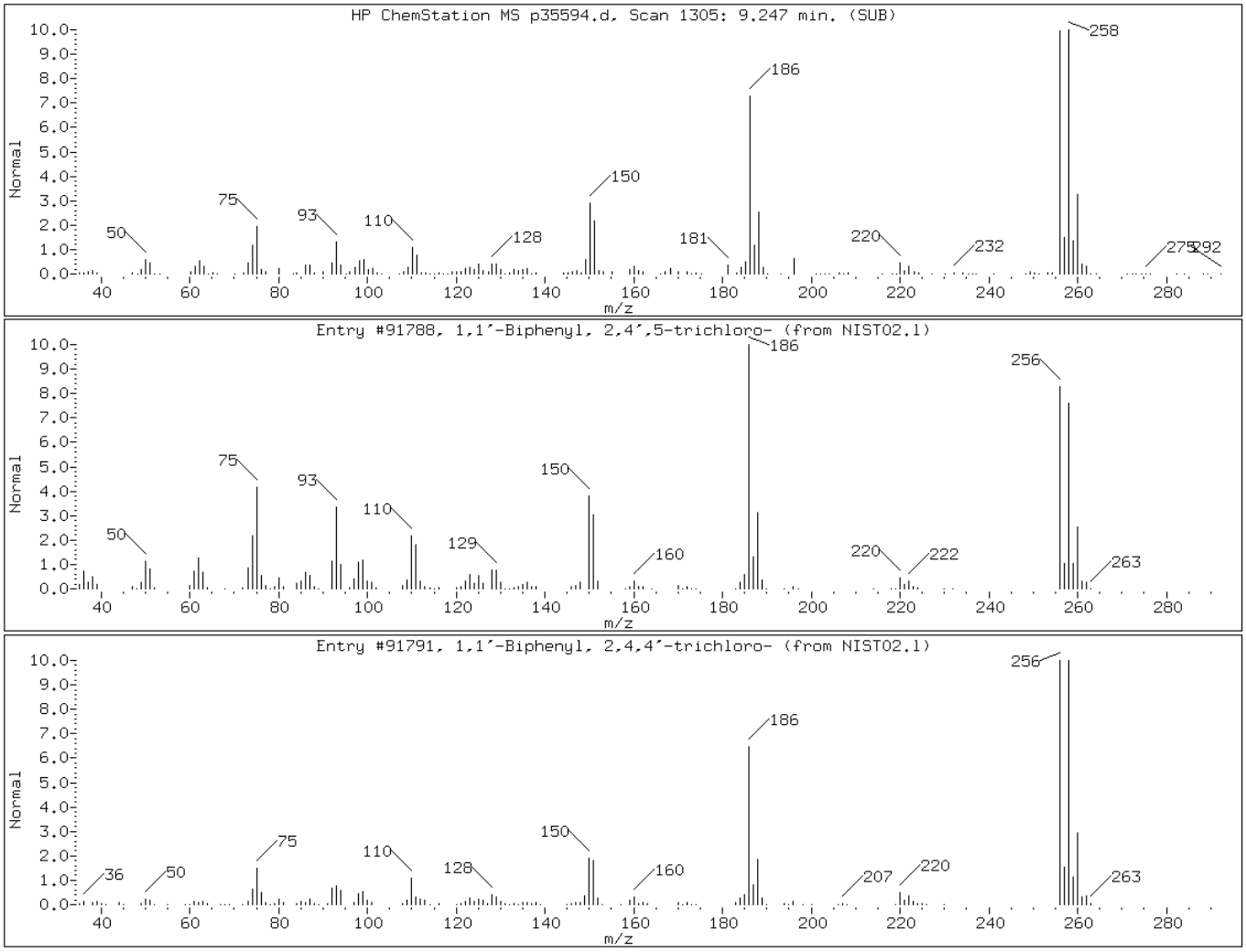
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	98	C12H7Cl3	256



Data File: p35594.d

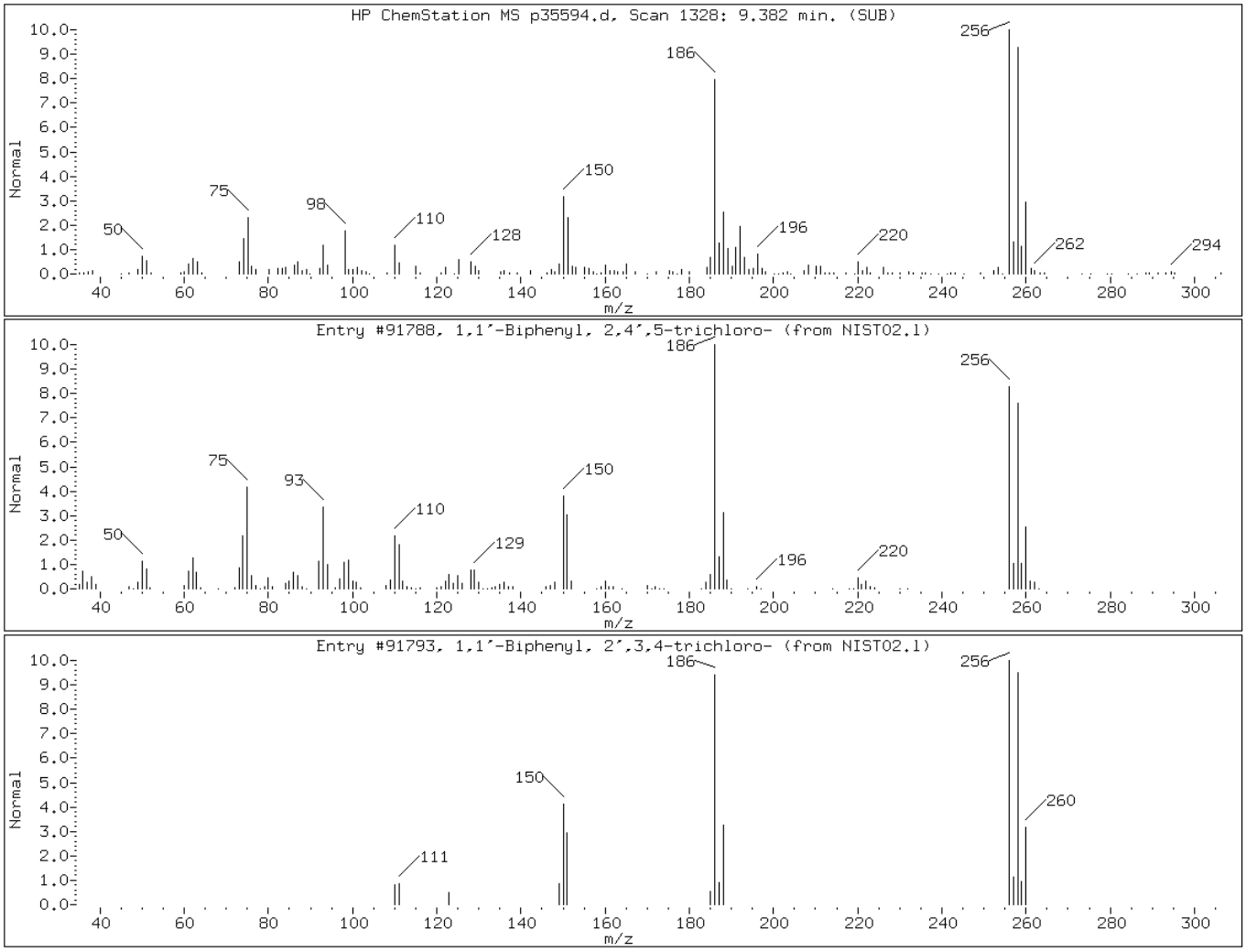
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 9.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	95	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	95	C12H7Cl3	256



Data File: p35594.d

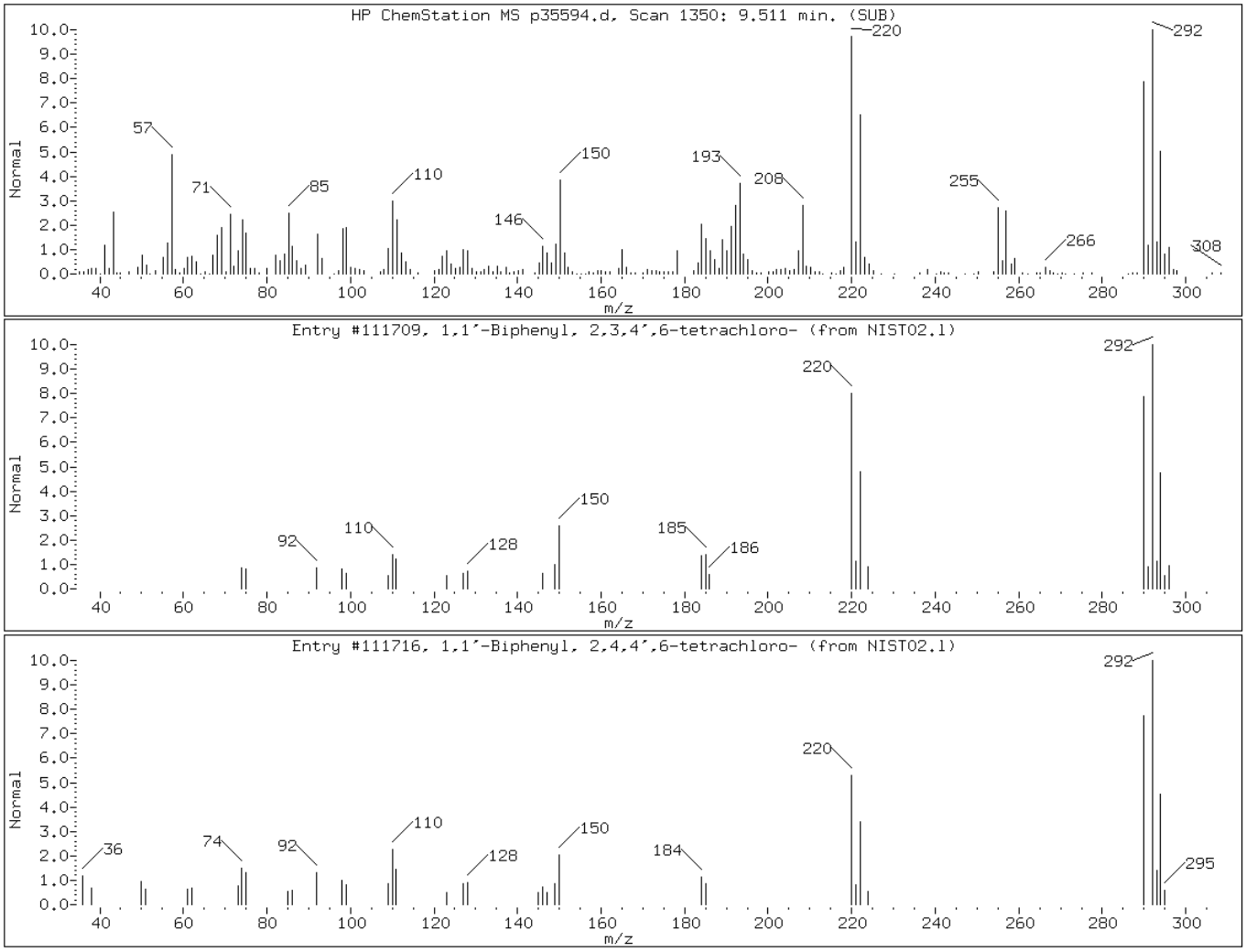
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 9.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	95	C12H6Cl4	290
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	95	C12H6Cl4	290



Data File: p35594.d

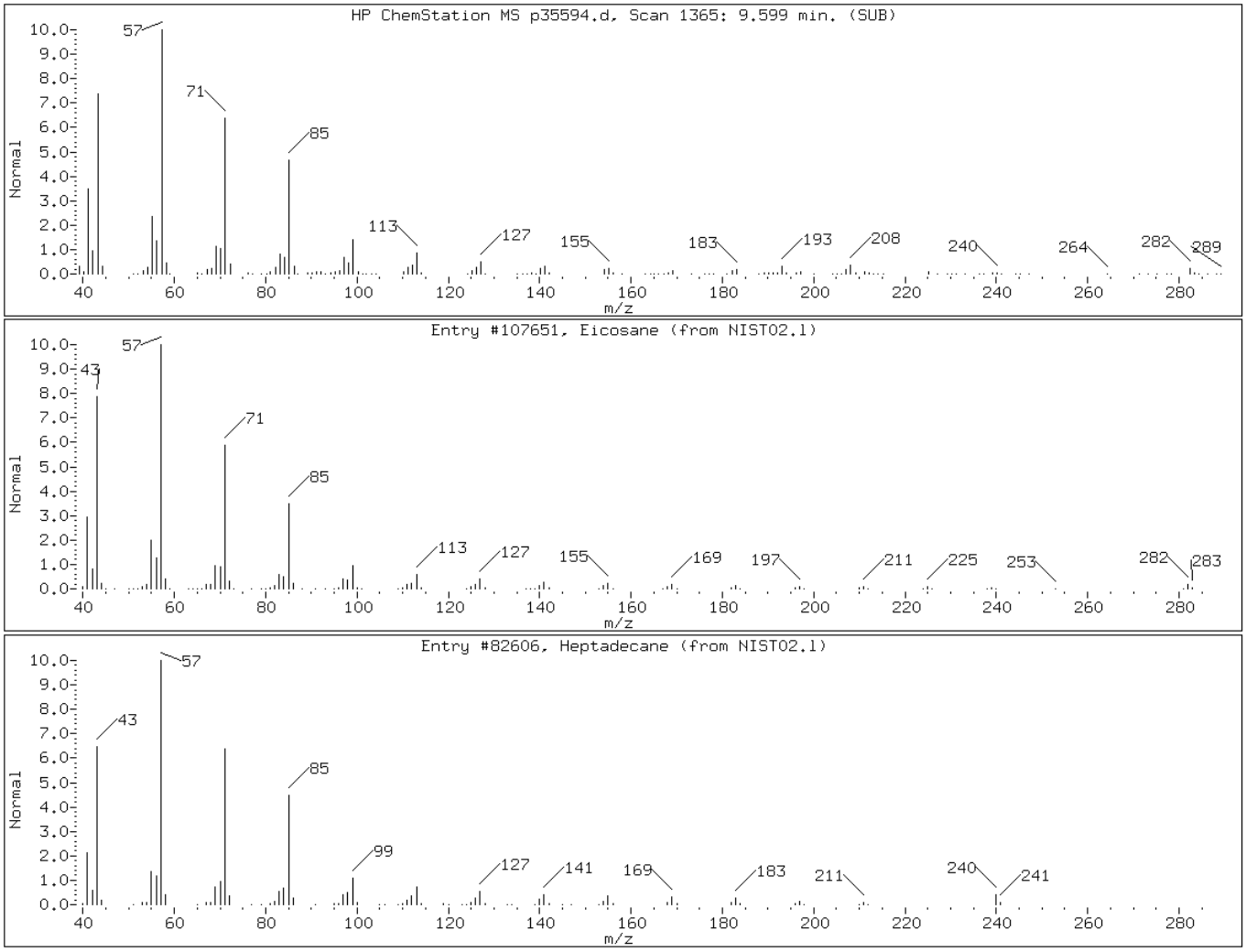
Date: 20-MAR-2013 23:34

Client ID: PMP-7-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-22-C Operator: BNAMS 4

Retention Time: 9.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-19						
Eicosane	112-95-8	NIST02.l	107651	98	C20H42	282
Heptadecane	629-78-7	NIST02.l	82606	94	C17H36	240



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD | Lab Sample ID: 460-52450-23

Matrix: Solid | Lab File ID: p35595.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 23:59

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.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.0	U	36	4.0
95-50-1	1,2-Dichlorobenzene	41	U	360	41
541-73-1	1,3-Dichlorobenzene	32	U	360	32
106-46-7	1,4-Dichlorobenzene	40	U	360	40
121-14-2	2,4-Dinitrotoluene	12	U	72	12
606-20-2	2,6-Dinitrotoluene	11	U	72	11
91-58-7	2-Chloronaphthalene	40	U	360	40
91-57-6	2-Methylnaphthalene	46	U	360	46
88-74-4	2-Nitroaniline	150	U	720	150
91-94-1	3,3'-Dichlorobenzidine	130	U	720	130
99-09-2	3-Nitroaniline	130	U	720	130
101-55-3	4-Bromophenyl phenyl ether	35	U	360	35
106-47-8	4-Chloroaniline	95	U	360	95
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	720	110
83-32-9	Acenaphthene	52	U	360	52
208-96-8	Acenaphthylene	42	U	360	42
120-12-7	Anthracene	43	U	360	43
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	26	U	360	26
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
108-60-1	bis (2-chloroisopropyl) ether	40	U	360	40
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
85-68-7	Butyl benzyl phthalate	33	U	360	33
86-74-8	Carbazole	42	U	360	42
218-01-9	Chrysene	42	U	360	42
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
131-11-3	Dimethyl phthalate	42	U	360	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD | Lab Sample ID: 460-52450-23

Matrix: Solid | Lab File ID: p35595.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 23:59

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.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	44	U	360	44
117-84-0	Di-n-octyl phthalate	23	U	360	23
206-44-0	Fluoranthene	48	U	360	48
86-73-7	Fluorene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
67-72-1	Hexachloroethane	4.0	U	36	4.0
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	36	6.6
78-59-1	Isophorone	43	U	360	43
91-20-3	Naphthalene	41	U	360	41
98-95-3	Nitrobenzene	5.1	U	36	5.1
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-01-8	Phenanthrene	45	U	360	45
129-00-0	Pyrene	30	U	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	80		40-109
4165-60-0	Nitrobenzene-d5	79		38-105
1718-51-0	Terphenyl-d14	75		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD | Lab Sample ID: 460-52450-23

Matrix: Solid | Lab File ID: p35595.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 23:59

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.: 152148 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 7740

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	8.09	740	J
	Unknown-1	8.27	520	J
	Unknown Alkane-2	8.35	2200	J
	Unknown-2	8.47	290	J
	Unknown-3	8.54	610	J
	Unknown Alkane-3	8.56	410	J
	Unknown Alkane-4	8.78	310	J
	Unknown Alkane-5	8.81	1800	J
	Unknown Alkane-6	9.15	470	J
	Unknown Alkane-7	9.48	390	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35595.d
Report Date: 22-Mar-2013 11:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35595.d
Lab Smp Id: 460-52450-F-23-C Client Smp ID: PMP-10-NE-VD
Inj Date : 20-MAR-2013 23:59
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-23-C
Misc Info : 460-52450-F-23-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 18
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	15.02000	Weight of sample extracted (g)
M	7.47126	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.136	3.101	(0.715)	2049842	73.8556	5300
$ 17 Phenol-d5 (SUR)	99	4.023	4.035	(0.917)	2353051	73.9631	5300
* 79 1,4-Dichlorobenzene-d4	152	4.388	4.394	(1.000)	818624	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	1093968	39.6573	2800
* 80 Naphthalene-d8	136	5.668	5.675	(1.000)	2595928	40.0000	
34 2-Methylnaphthalene	142	6.385	6.391	(1.126)	11876	0.26599	19(a)
120 1-Methylnaphthalene	142	6.479	6.491	(1.143)	7853	0.17428	12(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.909)	1668952	39.9098	2900
125 1,3-Dimethylnaphthalene	156	7.085	7.091	(0.954)	30958	0.96444	69(a)
* 82 Acenaphthene-d10	164	7.425	7.425	(1.000)	1232844	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.104)	325375	63.4827	4600
* 83 Phenanthrene-d10	188	8.888	8.888	(1.000)	1121679	40.0000	
$ 78 Terphenyl-d14	244	10.457	10.457	(0.897)	598841	37.4700	2700

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35595.d
Report Date: 22-Mar-2013 11:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.662	11.674	(1.000)	504787	40.0000	
* 84 Perylene-d12	264	13.606	13.607	(1.000)	449840	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35595.d

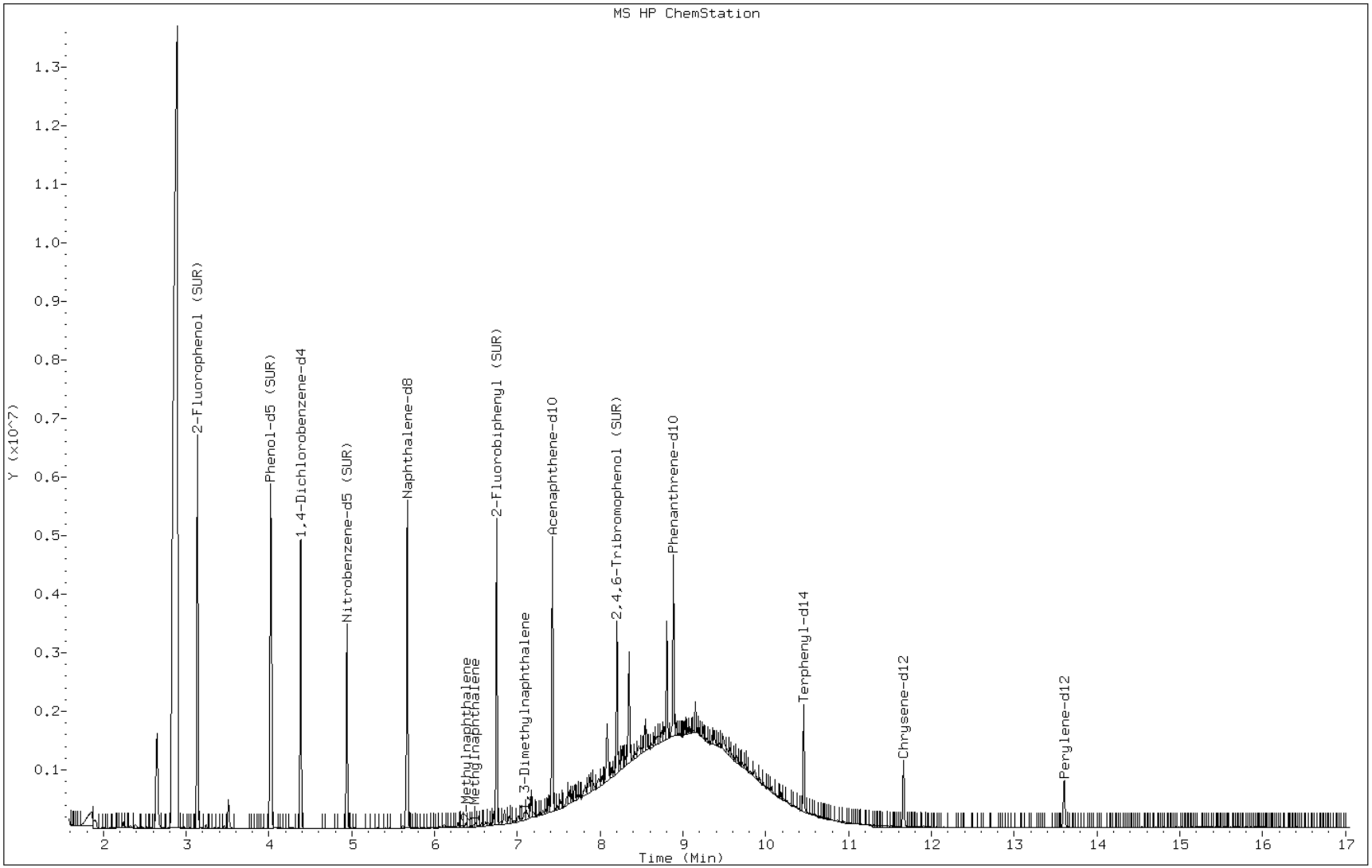
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C

Operator: BNAMS 4



Data File: p35595.d

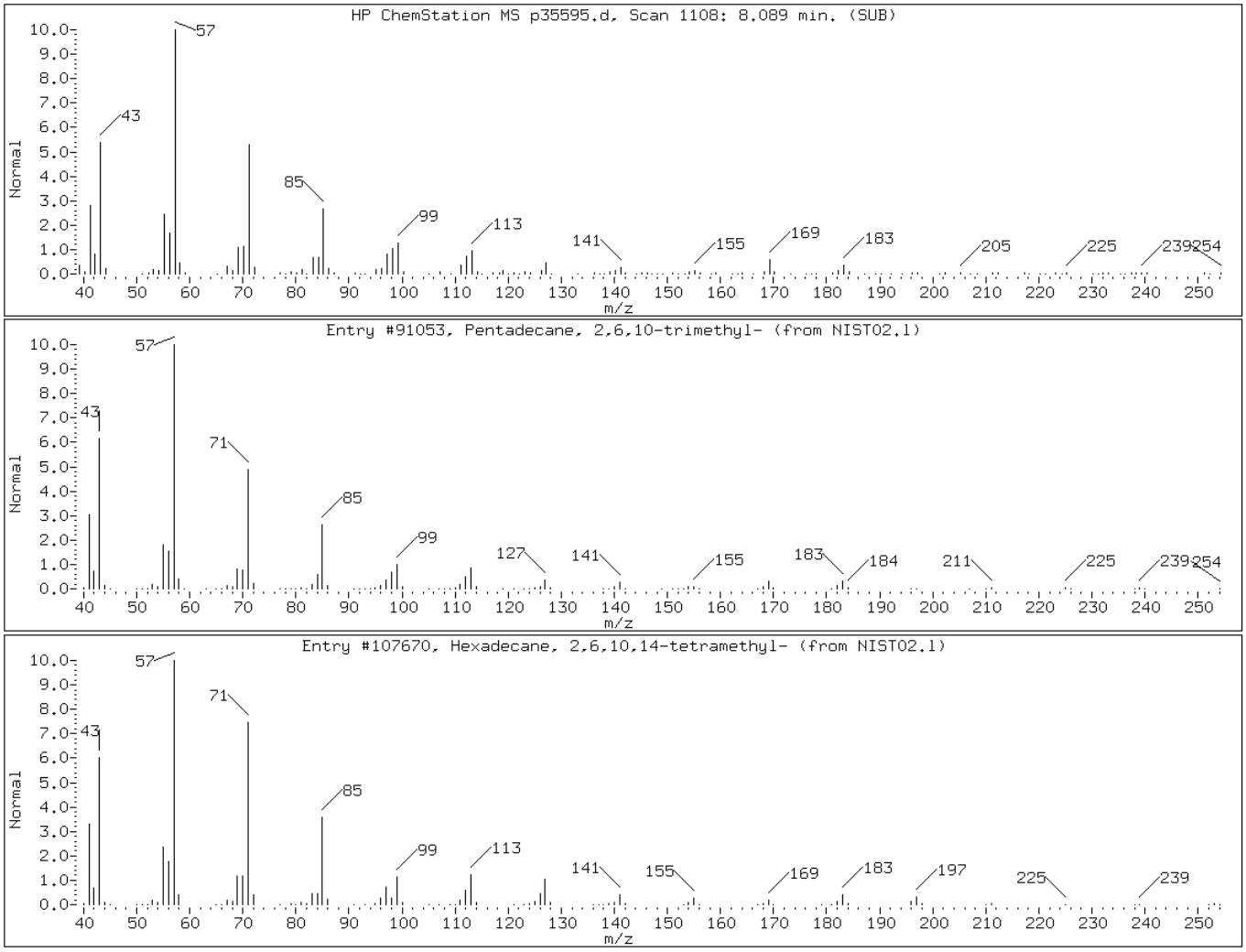
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	83	C20H42	282



Data File: p35595.d

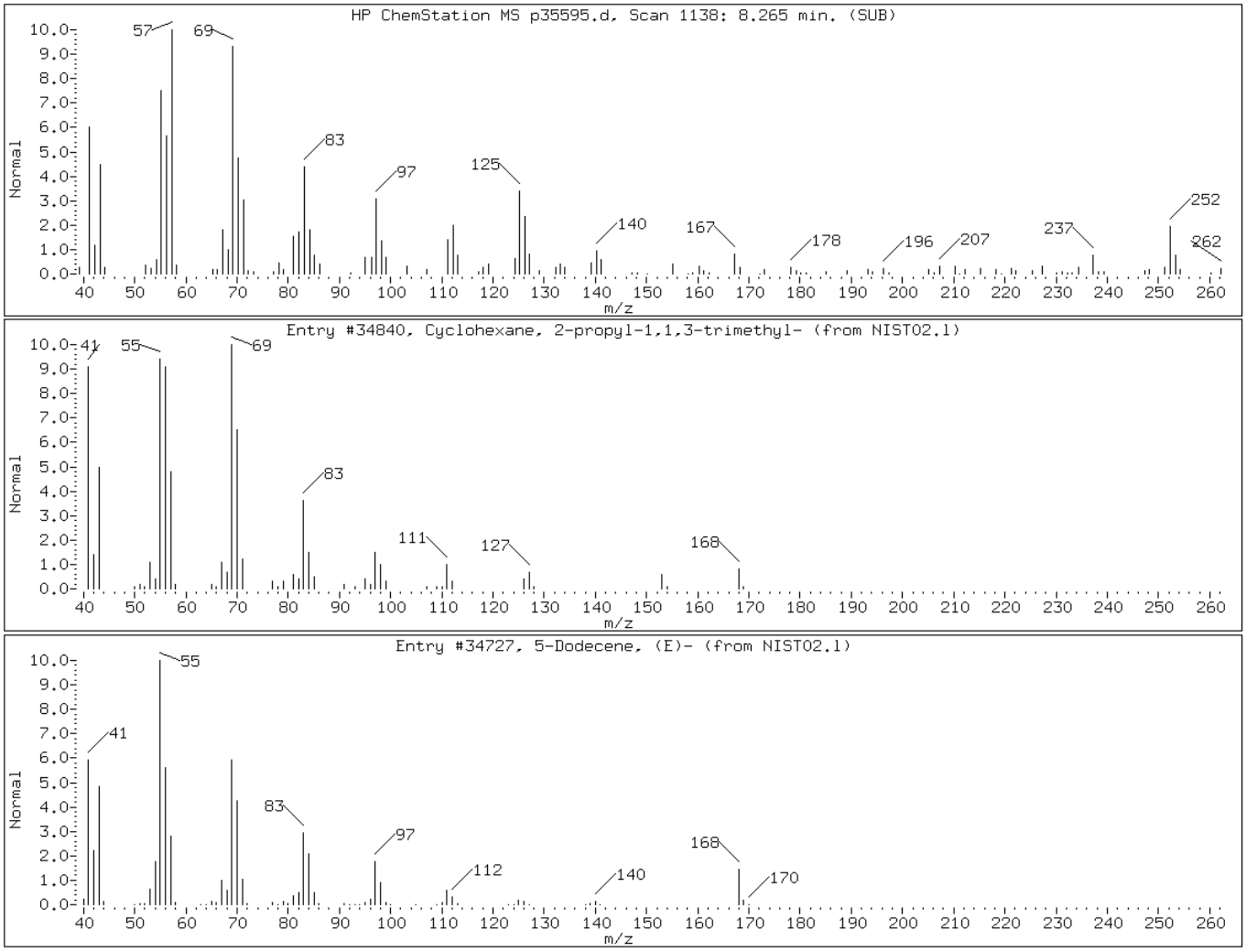
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 8.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclohexane, 2-propyl-1,1,3-trimet	81983-70-2	NIST02.l	34840	86	C12H24	168
5-Dodecene, (E)-	7206-16-8	NIST02.l	34727	86	C12H24	168



Data File: p35595.d

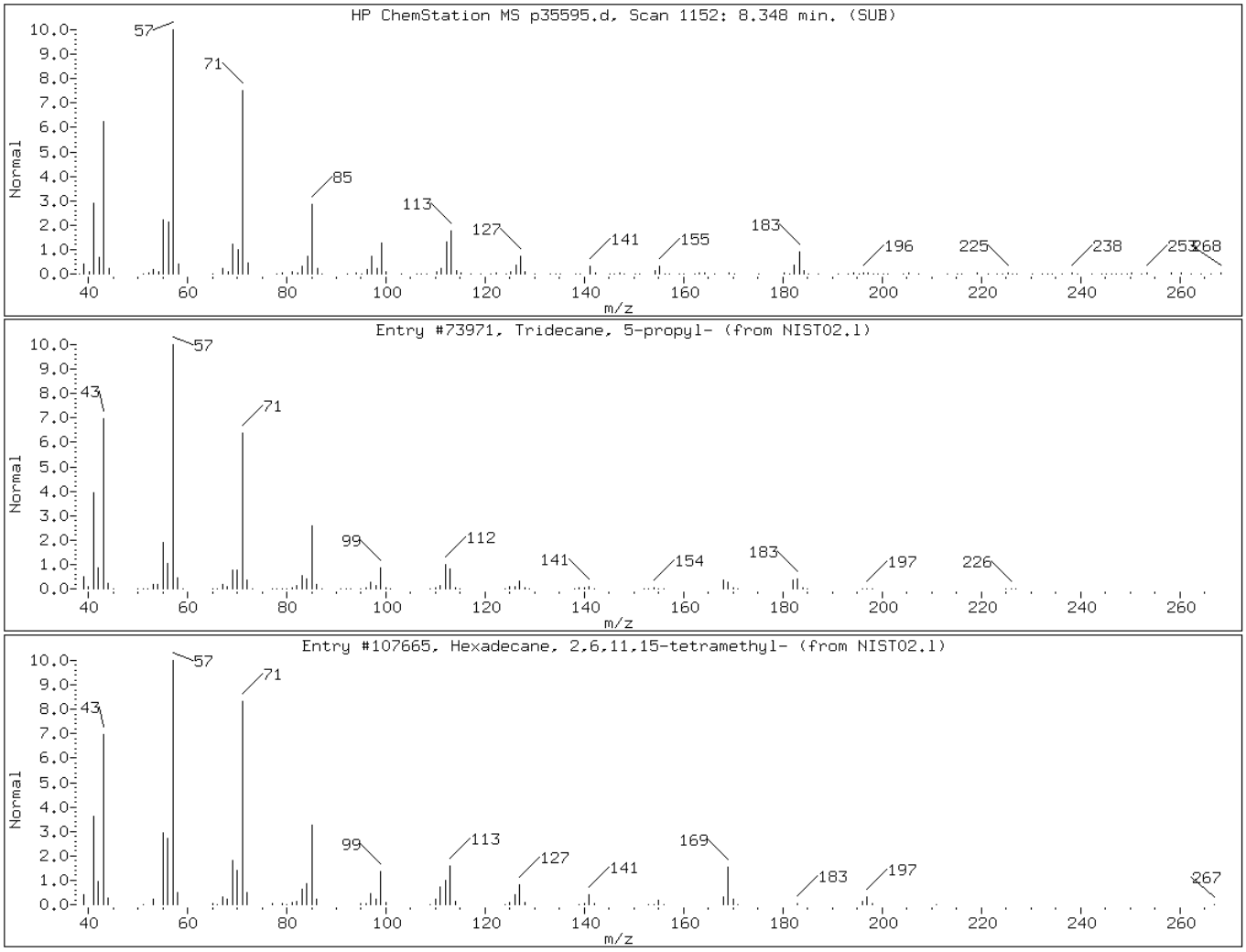
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	90	C16H34	226
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.l	107665	87	C20H42	282



Data File: p35595.d

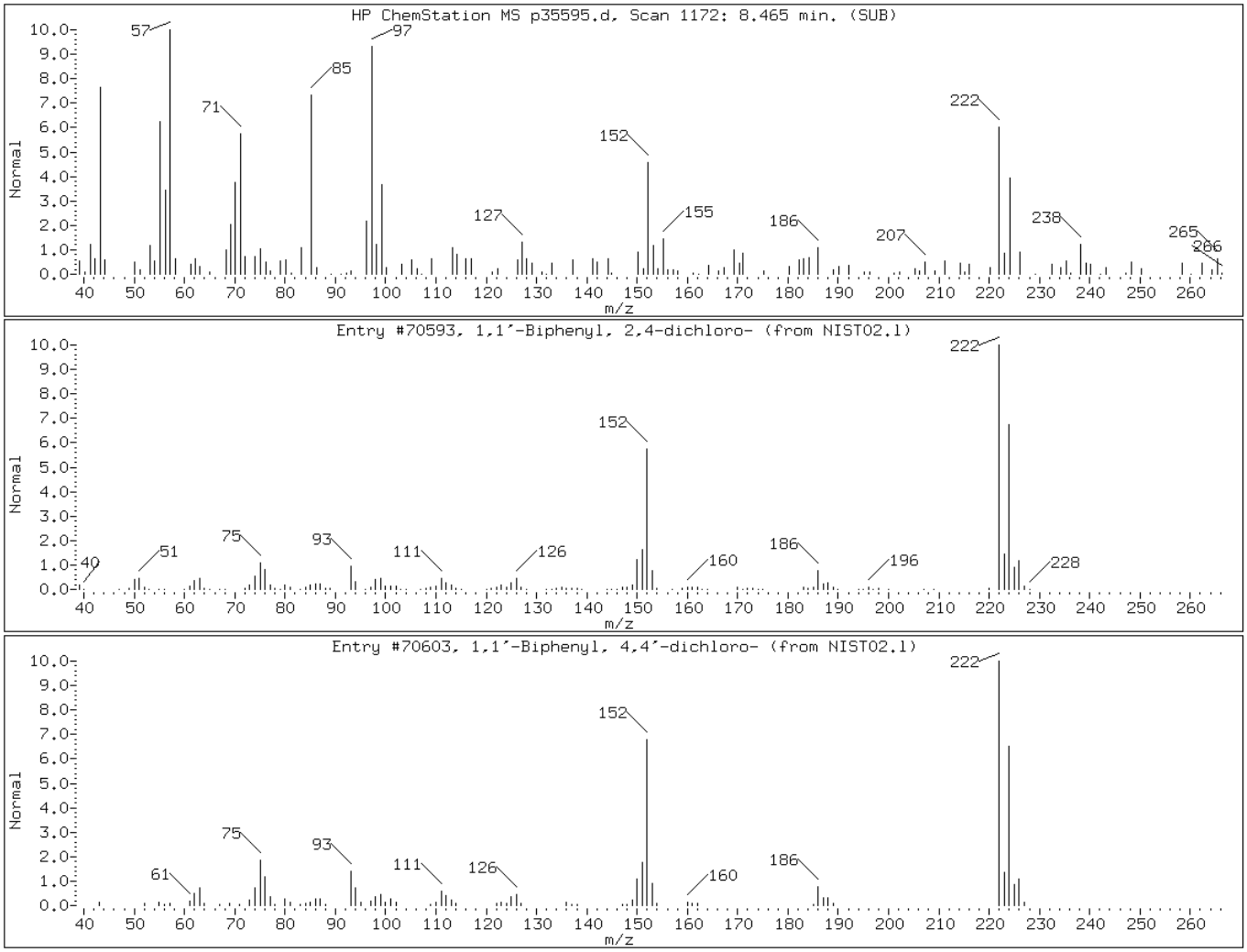
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 8.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.l	70593	38	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70603	38	C12H8Cl2	222



Data File: p35595.d

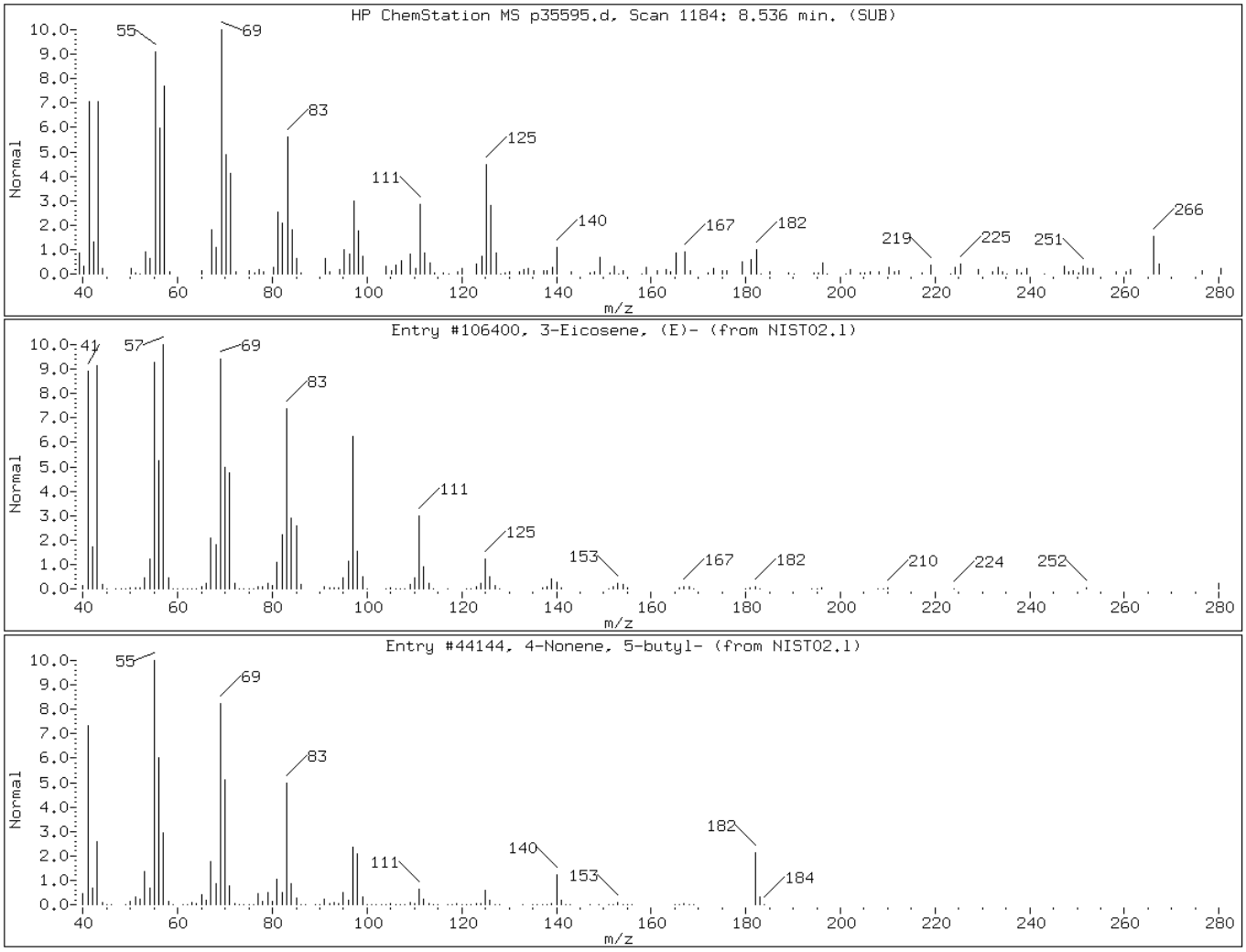
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
3-Eicosene, (E)-	74685-33-9	NIST02.l	106400	86	C20H40	280
4-Nonene, 5-butyl-	7367-38-6	NIST02.l	44144	83	C13H26	182



Data File: p35595.d

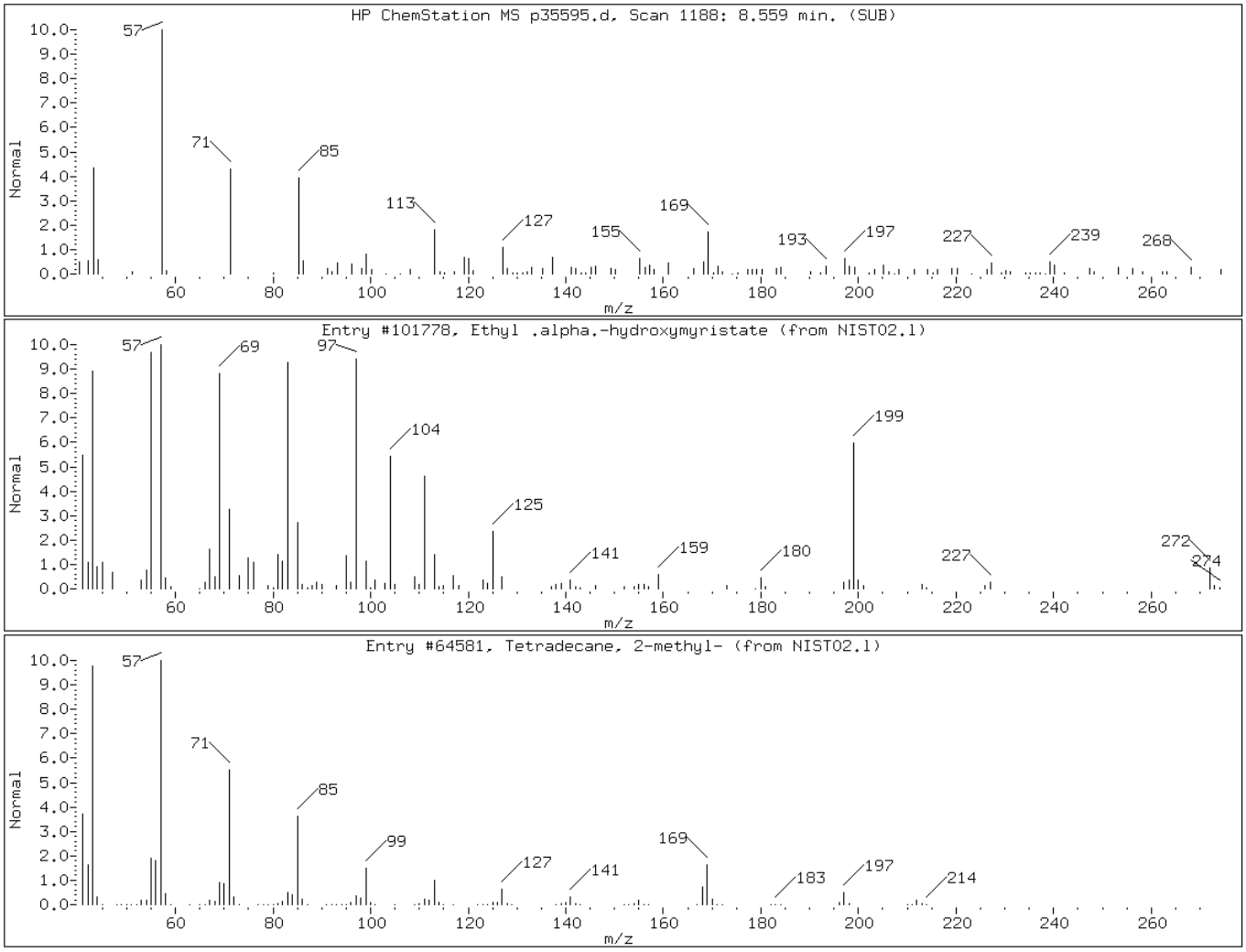
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 8.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Ethyl .alpha.-hydroxymyristate	129086-73-3	NIST02.l	101778	64	C16H32O3	272
Tetradecane, 2-methyl-	1560-95-8	NIST02.l	64581	56	C15H32	212



Data File: p35595.d

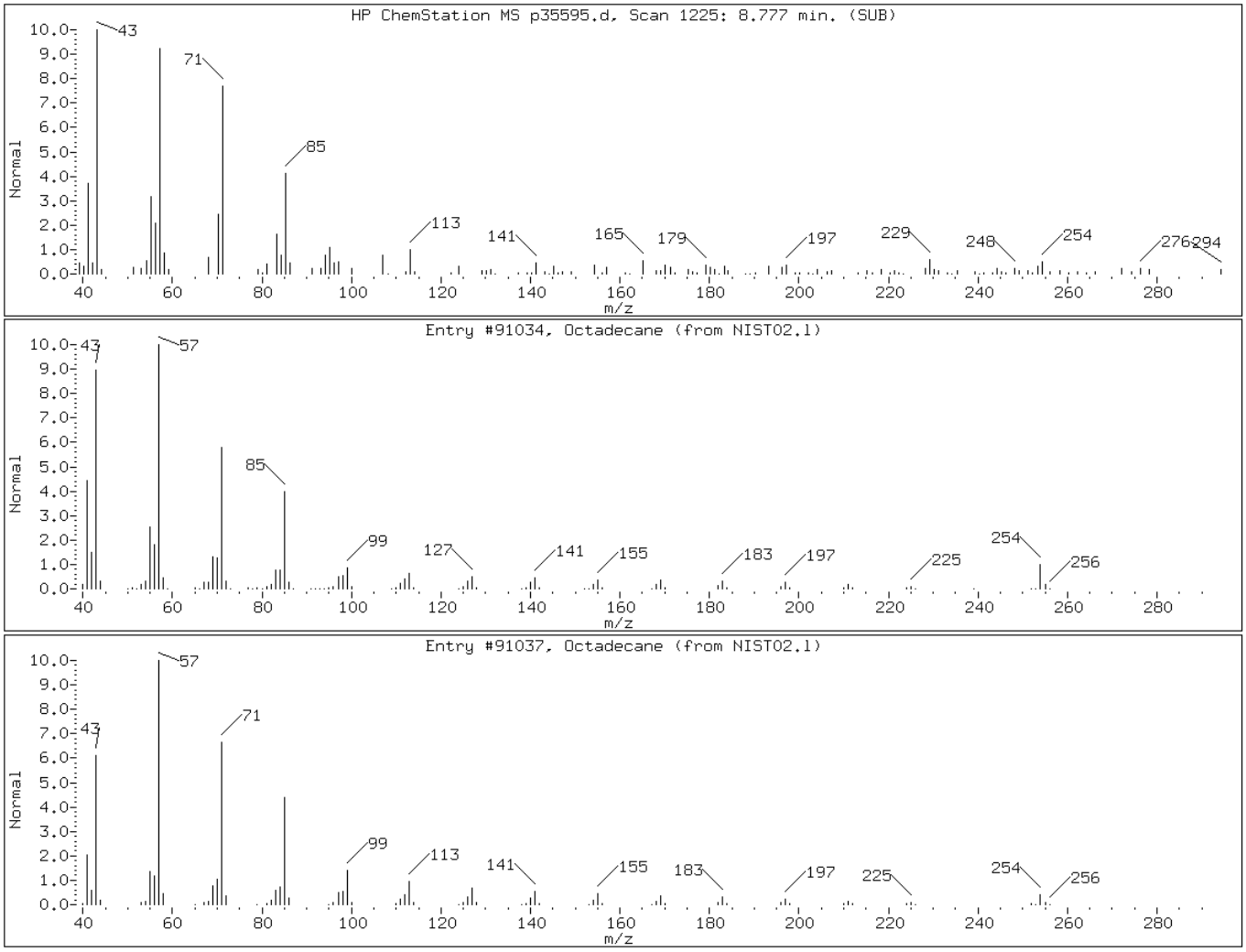
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 8.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Octadecane	593-45-3	NIST02.l	91034	83	C18H38	254
Octadecane	593-45-3	NIST02.l	91037	81	C18H38	254



Data File: p35595.d

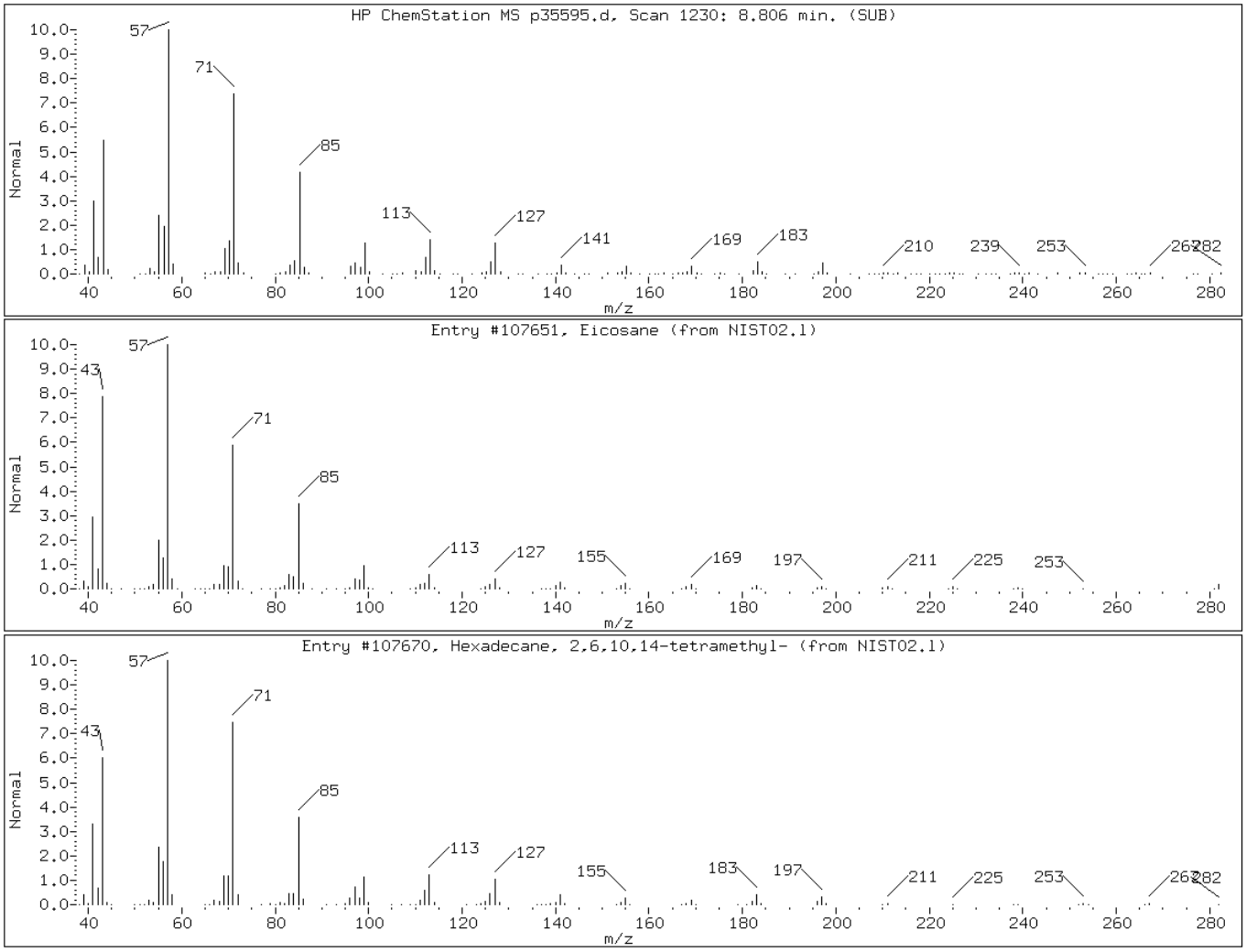
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 8.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Eicosane	112-95-8	NIST02.l	107651	93	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	92	C20H42	282



Data File: p35595.d

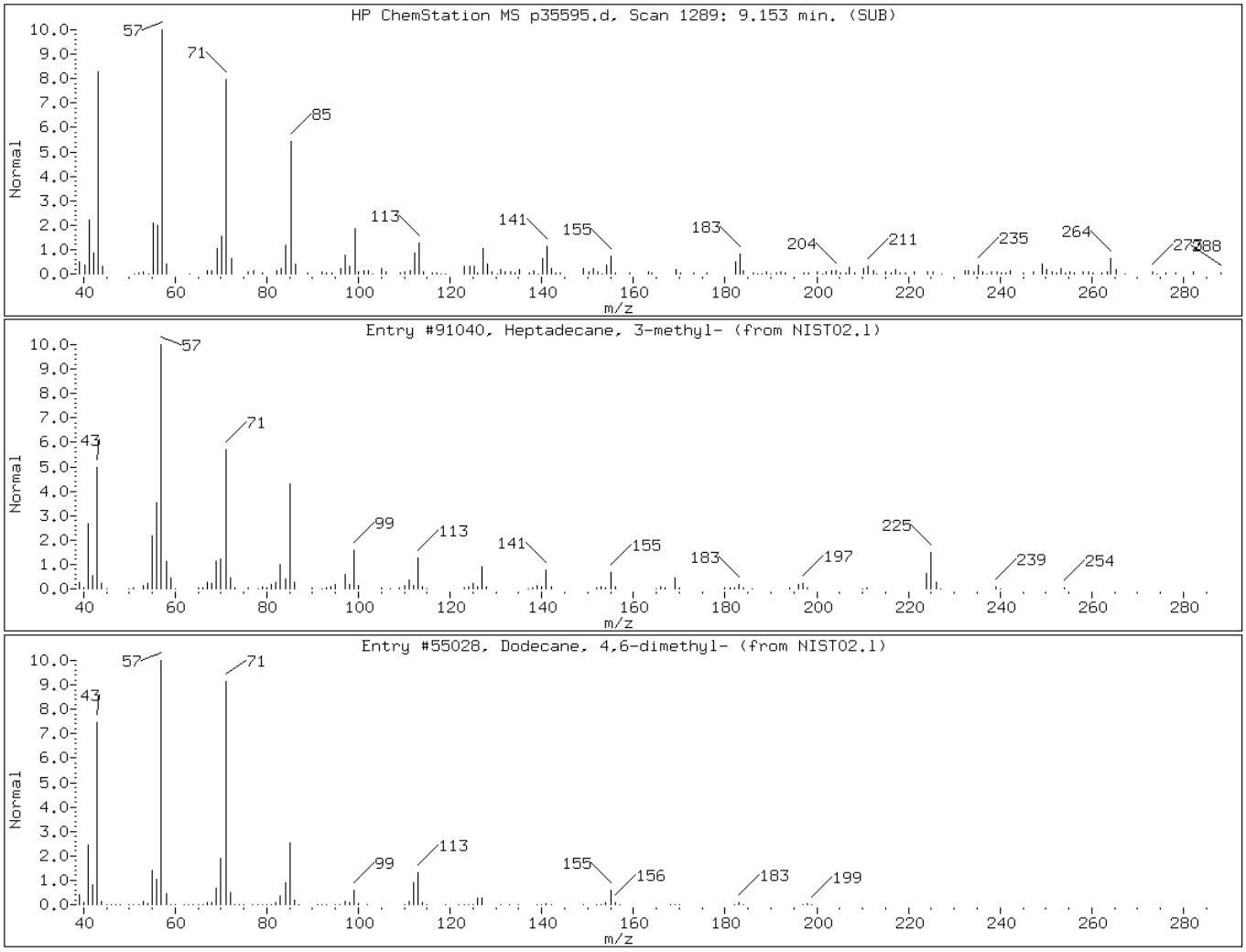
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Heptadecane, 3-methyl-	6418-44-6	NIST02.l	91040	93	C18H38	254
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55028	91	C14H30	198



Data File: p35595.d

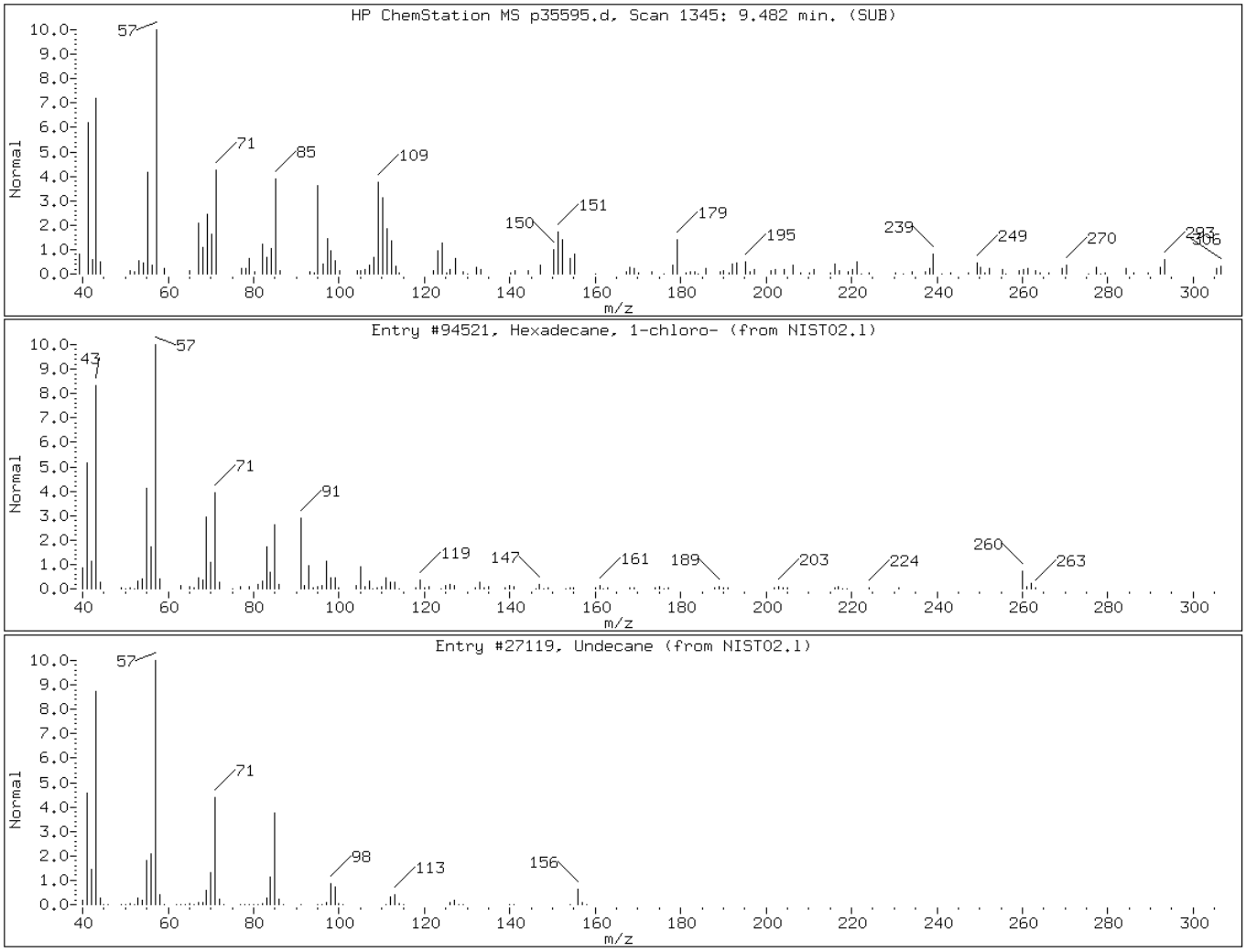
Date: 20-MAR-2013 23:59

Client ID: PMP-10-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-23-C Operator: BNAMS 4

Retention Time: 9.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 1-chloro-	4860-03-1	NIST02.l	94521	46	C16H33Cl	260
Undecane	1120-21-4	NIST02.l	27119	35	C11H24	156



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT | Lab Sample ID: 460-52450-24

Matrix: Solid | Lab File ID: p35596.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 00:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.3	U	38	4.3
95-50-1	1,2-Dichlorobenzene	44	U	380	44
541-73-1	1,3-Dichlorobenzene	34	U	380	34
106-46-7	1,4-Dichlorobenzene	43	U	380	43
121-14-2	2,4-Dinitrotoluene	12	U	76	12
606-20-2	2,6-Dinitrotoluene	11	U	76	11
91-58-7	2-Chloronaphthalene	42	U	380	42
91-57-6	2-Methylnaphthalene	48	U	380	48
88-74-4	2-Nitroaniline	160	U	760	160
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
99-09-2	3-Nitroaniline	130	U	760	130
101-55-3	4-Bromophenyl phenyl ether	37	U	380	37
106-47-8	4-Chloroaniline	100	U	380	100
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	760	120
83-32-9	Acenaphthene	55	U	380	55
208-96-8	Acenaphthylene	45	U	380	45
120-12-7	Anthracene	46	U	380	46
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
108-60-1	bis (2-chloroisopropyl) ether	42	U	380	42
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
111-44-4	Bis(2-chloroethyl)ether	5.1	U	38	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
85-68-7	Butyl benzyl phthalate	35	U	380	35
86-74-8	Carbazole	45	U	380	45
218-01-9	Chrysene	44	U	380	44
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
131-11-3	Dimethyl phthalate	45	U	380	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT | Lab Sample ID: 460-52450-24

Matrix: Solid | Lab File ID: p35596.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 00:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	47	U	380	47
117-84-0	Di-n-octyl phthalate	24	U	380	24
206-44-0	Fluoranthene	50	U	380	50
86-73-7	Fluorene	48	U	380	48
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
67-72-1	Hexachloroethane	4.2	U	38	4.2
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
78-59-1	Isophorone	46	U	380	46
91-20-3	Naphthalene	44	U	380	44
98-95-3	Nitrobenzene	5.4	U	38	5.4
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-01-8	Phenanthrene	48	U	380	48
129-00-0	Pyrene	32	U	380	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		40-109
4165-60-0	Nitrobenzene-d5	85		38-105
1718-51-0	Terphenyl-d14	91		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT | Lab Sample ID: 460-52450-24

Matrix: Solid | Lab File ID: p35596.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:30

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 00:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 1040

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	8.08	330	J
	Unknown Alkane-2	8.33	310	J
	Unknown	8.34	400	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35596.d
Report Date: 21-Mar-2013 14:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35596.d
Lab Smp Id: 460-52450-F-24-C Client Smp ID: PMP-10-NE-WT
Inj Date : 21-MAR-2013 00:24
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-24-C
Misc Info : 460-52450-F-24-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 19
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	15.03000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.142	3.101	(0.717)	2134840	74.9383	5700
$ 17 Phenol-d5 (SUR)	99	4.023	4.035	(0.918)	2583379	79.1129	6000
* 79 1,4-Dichlorobenzene-d4	152	4.382	4.394	(1.000)	840251	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	1205805	42.5452	3200
* 80 Naphthalene-d8	136	5.669	5.675	(1.000)	2667093	40.0000	
34 2-Methylnaphthalene	142	6.379	6.391	(1.125)	5688	0.12400	9.4(aH)
120 1-Methylnaphthalene	142	6.479	6.491	(1.143)	3189	0.06888	5.2(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.909)	1871642	42.5827	3200
125 1,3-Dimethylnaphthalene	156	7.079	7.091	(0.953)	19881	0.58927	45(a)
* 82 Acenaphthene-d10	164	7.425	7.425	(1.000)	1295788	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.104)	437723	81.2541	6200
115 n-Octadecane	57	8.771	8.777	(0.987)	31998	1.33557	100(a)
* 83 Phenanthrene-d10	188	8.888	8.888	(1.000)	1464483	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35596.d
Report Date: 21-Mar-2013 14:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
52 Phenanthrene	178	8.906	8.912	(1.002)	8330	0.20868	16(a)
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	914671	45.4516	3400
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	635617	40.0000	
* 84 Perylene-d12	264	13.601	13.607	(1.000)	503756	40.0000	

QC Flag Legend

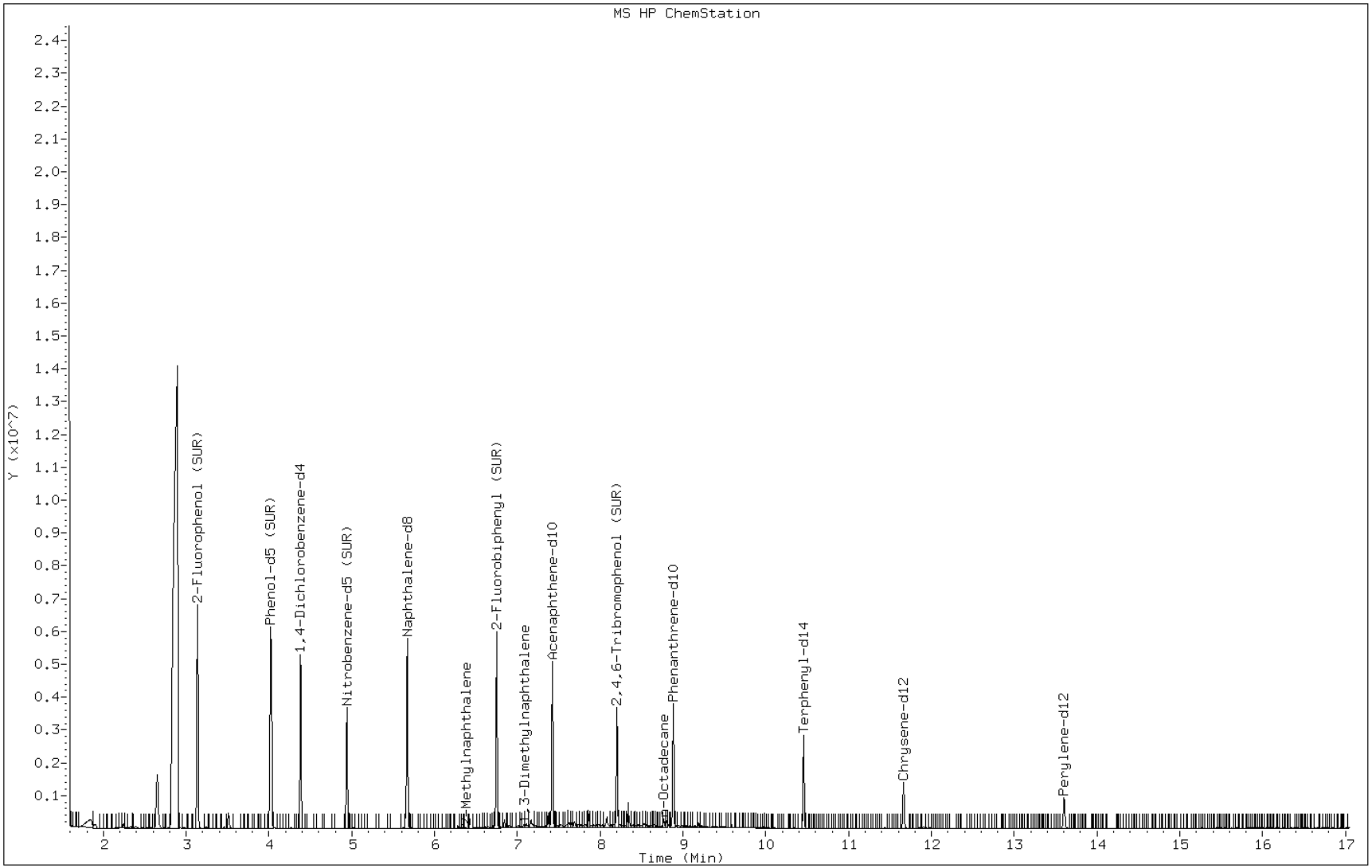
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p35596.d

Date: 21-MAR-2013 00:24

Client ID: PMP-10-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-24-C Operator: BNAMS 4



Data File: p35596.d

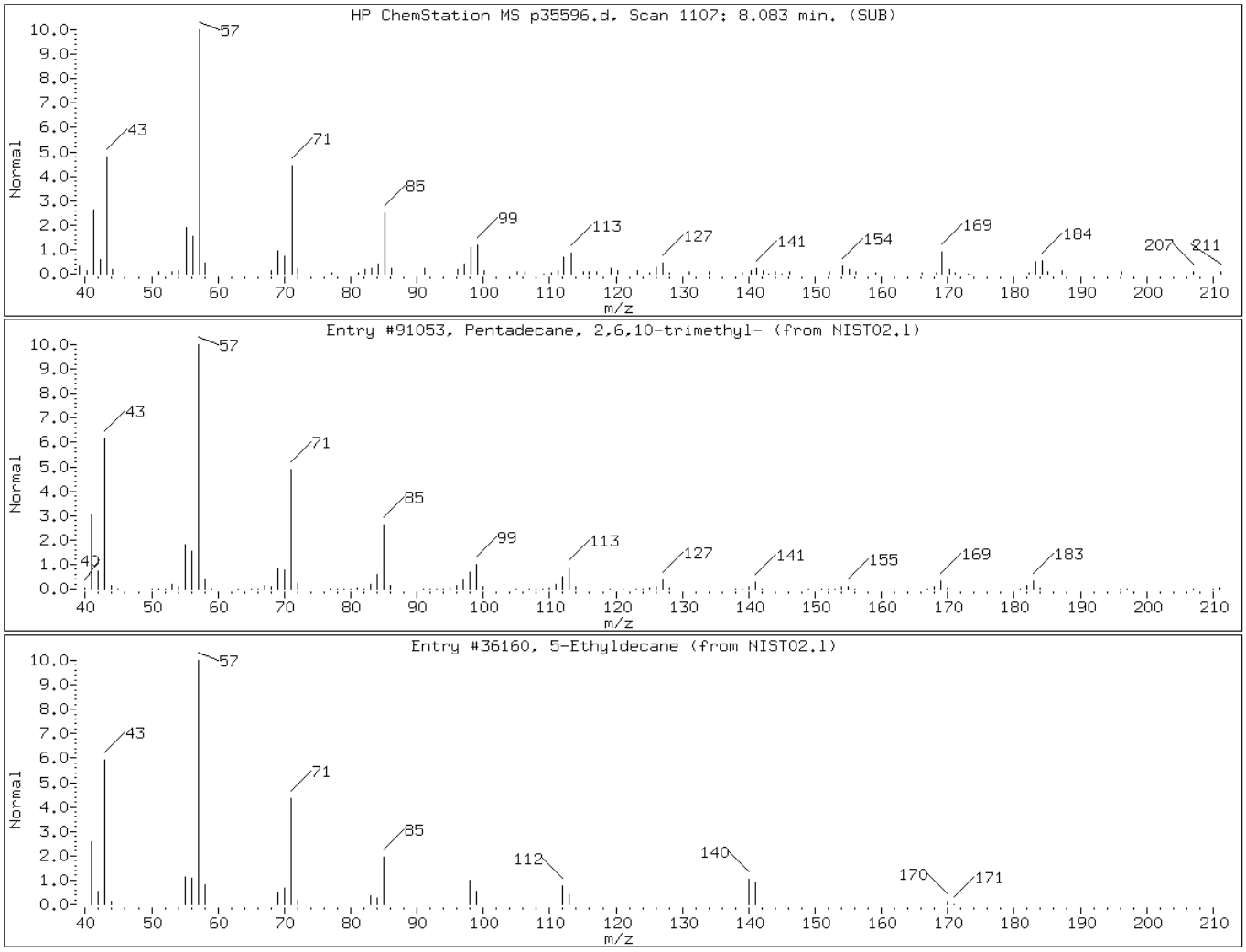
Date: 21-MAR-2013 00:24

Client ID: PMP-10-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-24-C Operator: BNAMS 4

Retention Time: 8.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254
5-Ethyldecane	17302-36-2	NIST02.l	36160	74	C12H26	170



Data File: p35596.d

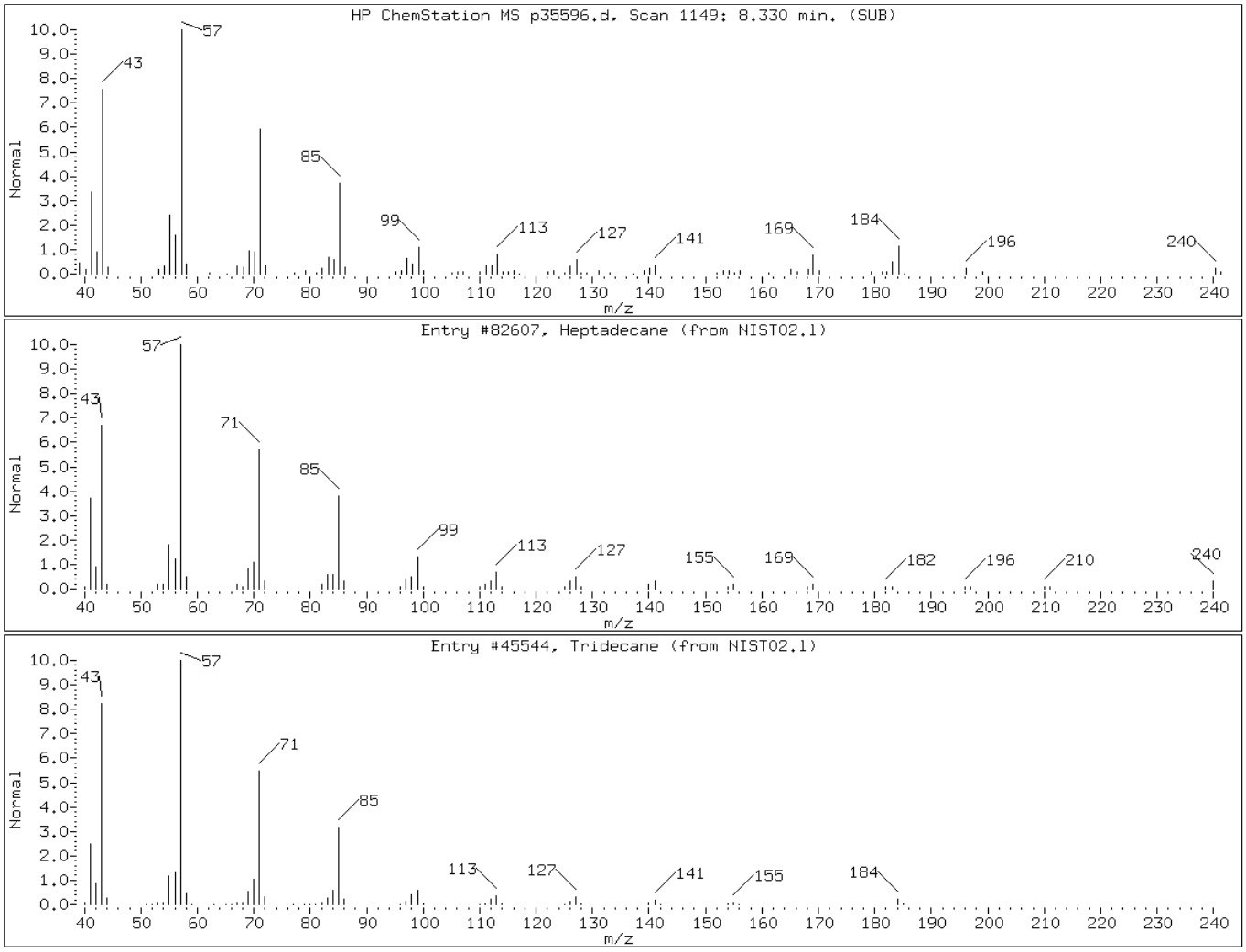
Date: 21-MAR-2013 00:24

Client ID: PMP-10-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-24-C Operator: BNAMS 4

Retention Time: 8.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heptadecane	629-78-7	NIST02.l	82607	96	C17H36	240
Tridecane	629-50-5	NIST02.l	45544	95	C13H28	184



Data File: p35596.d

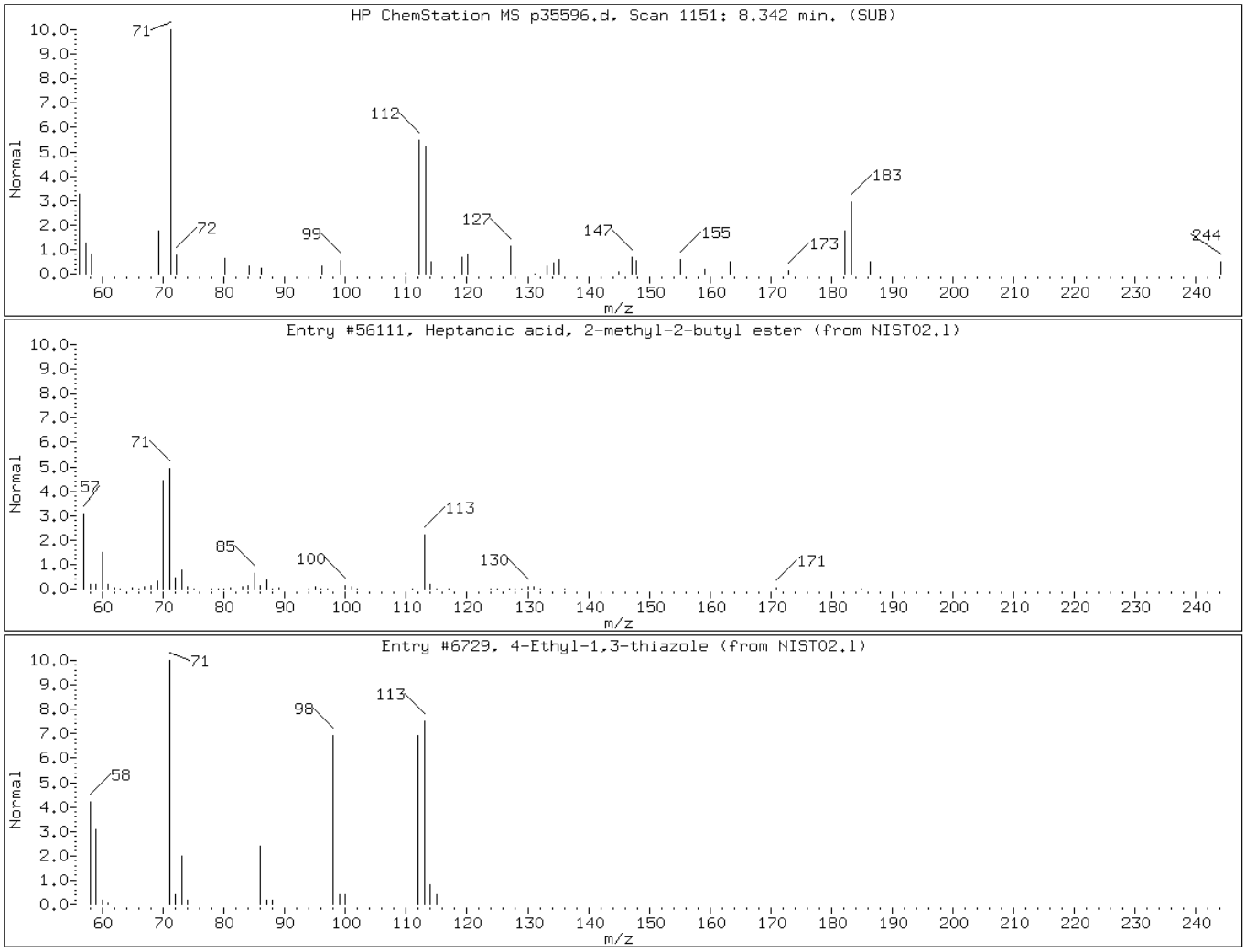
Date: 21-MAR-2013 00:24

Client ID: PMP-10-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-24-C Operator: BNAMS 4

Retention Time: 8.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Heptanoic acid, 2-methyl-2-butyl e	1000160-11-4	NIST02.l	56111	47	C12H24O2	200
4-Ethyl-1,3-thiazole	17626-72-1	NIST02.l	6729	42	C5H7NS	113



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI | Lab Sample ID: 460-52450-25

Matrix: Solid | Lab File ID: p35597.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 00:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.2	U	37	4.2
95-50-1	1,2-Dichlorobenzene	43	U	370	43
541-73-1	1,3-Dichlorobenzene	34	U	370	34
106-46-7	1,4-Dichlorobenzene	42	U	370	42
121-14-2	2,4-Dinitrotoluene	12	U	75	12
606-20-2	2,6-Dinitrotoluene	11	U	75	11
91-58-7	2-Chloronaphthalene	42	U	370	42
91-57-6	2-Methylnaphthalene	48	U	370	48
88-74-4	2-Nitroaniline	160	U	750	160
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
99-09-2	3-Nitroaniline	130	U	750	130
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
106-47-8	4-Chloroaniline	99	U	370	99
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	750	120
83-32-9	Acenaphthene	54	U	370	54
208-96-8	Acenaphthylene	44	U	370	44
120-12-7	Anthracene	45	U	370	45
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
108-60-1	bis (2-chloroisopropyl) ether	41	U	370	41
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
86-74-8	Carbazole	44	U	370	44
218-01-9	Chrysene	43	U	370	43
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	44	U	370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI | Lab Sample ID: 460-52450-25

Matrix: Solid | Lab File ID: p35597.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 00:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	46	U	370	46
117-84-0	Di-n-octyl phthalate	24	U	370	24
206-44-0	Fluoranthene	50	U	370	50
86-73-7	Fluorene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
87-68-3	Hexachlorobutadiene	9.1	U	75	9.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
67-72-1	Hexachloroethane	4.1	U	37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
78-59-1	Isophorone	45	U	370	45
91-20-3	Naphthalene	43	U	370	43
98-95-3	Nitrobenzene	5.3	U	37	5.3
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-01-8	Phenanthrene	47	U	370	47
129-00-0	Pyrene	31	U	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		40-109
4165-60-0	Nitrobenzene-d5	85		38-105
1718-51-0	Terphenyl-d14	79		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI | Lab Sample ID: 460-52450-25

Matrix: Solid | Lab File ID: p35597.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 00:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.35	400	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35597.d
Report Date: 21-Mar-2013 14:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35597.d
Lab Smp Id: 460-52450-F-25-E Client Smp ID: PMP-10-NE-SI
Inj Date : 21-MAR-2013 00:49
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-25-E
Misc Info : 460-52450-F-25-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 20
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	15.02000	Weight of sample extracted (g)
M	11.31757	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.136	3.101	(0.716)	1931816	72.4320	5400
$ 17 Phenol-d5 (SUR)	99	4.023	4.035	(0.918)	2274316	74.3936	5600
* 79 1,4-Dichlorobenzene-d4	152	4.382	4.394	(1.000)	786653	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	1095433	42.4582	3200
* 80 Naphthalene-d8	136	5.668	5.675	(1.000)	2427927	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.909)	1737619	42.2616	3200
125 1,3-Dimethylnaphthalene	156	7.084	7.091	(0.954)	37289	1.18151	89(a)
* 82 Acenaphthene-d10	164	7.425	7.425	(1.000)	1212138	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.104)	359174	71.2742	5400
115 n-Octadecane	57	8.771	8.777	(0.987)	17111	0.79668	60(a)
* 83 Phenanthrene-d10	188	8.882	8.888	(1.000)	1312867	40.0000	
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	806276	39.2859	2900
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	648226	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35597.d
Report Date: 21-Mar-2013 14:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.606	13.607	(1.000)	526716	40.0000	

QC Flag Legend

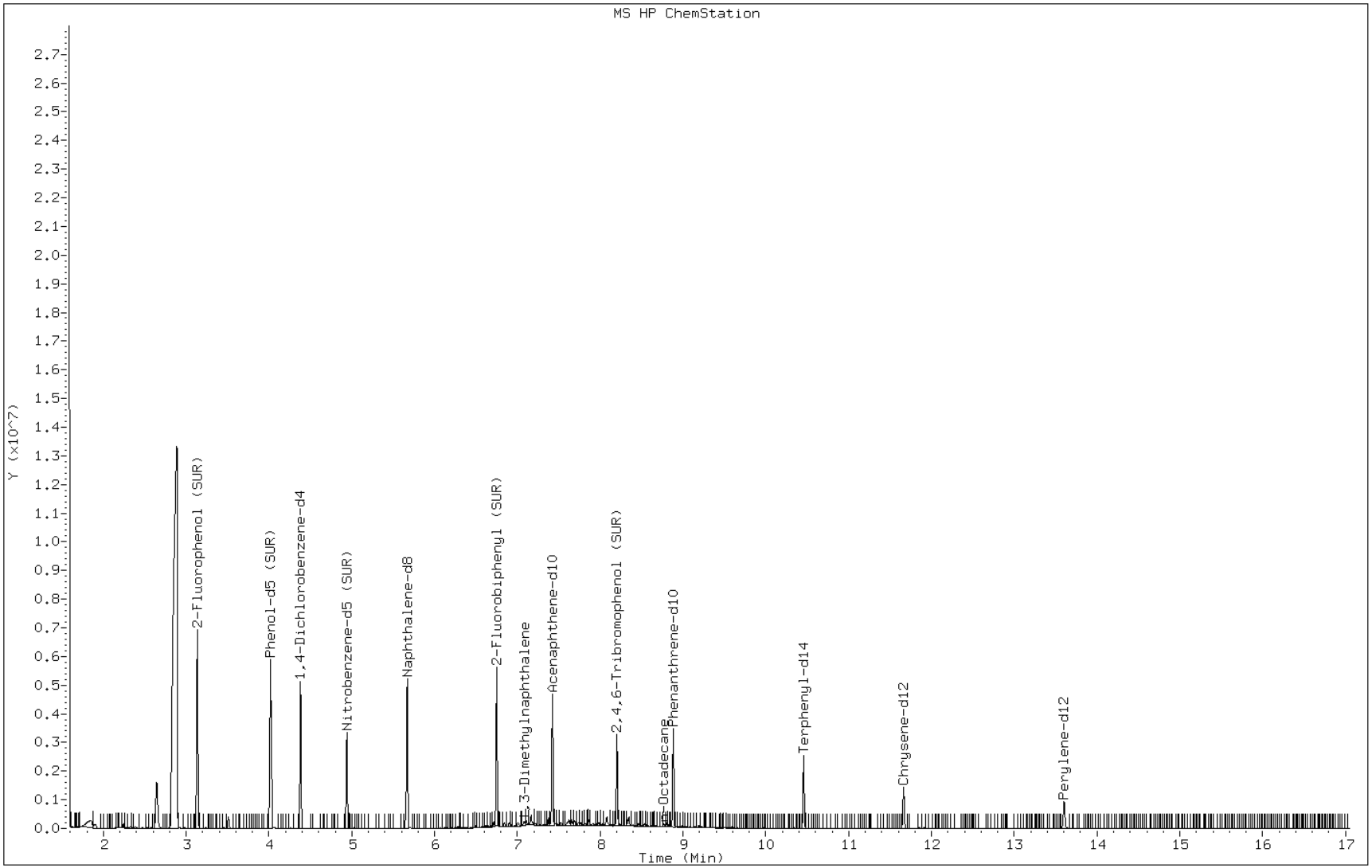
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35597.d

Date: 21-MAR-2013 00:49

Client ID: PMP-10-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-25-E Operator: BNAMS 4



Data File: p35597.d

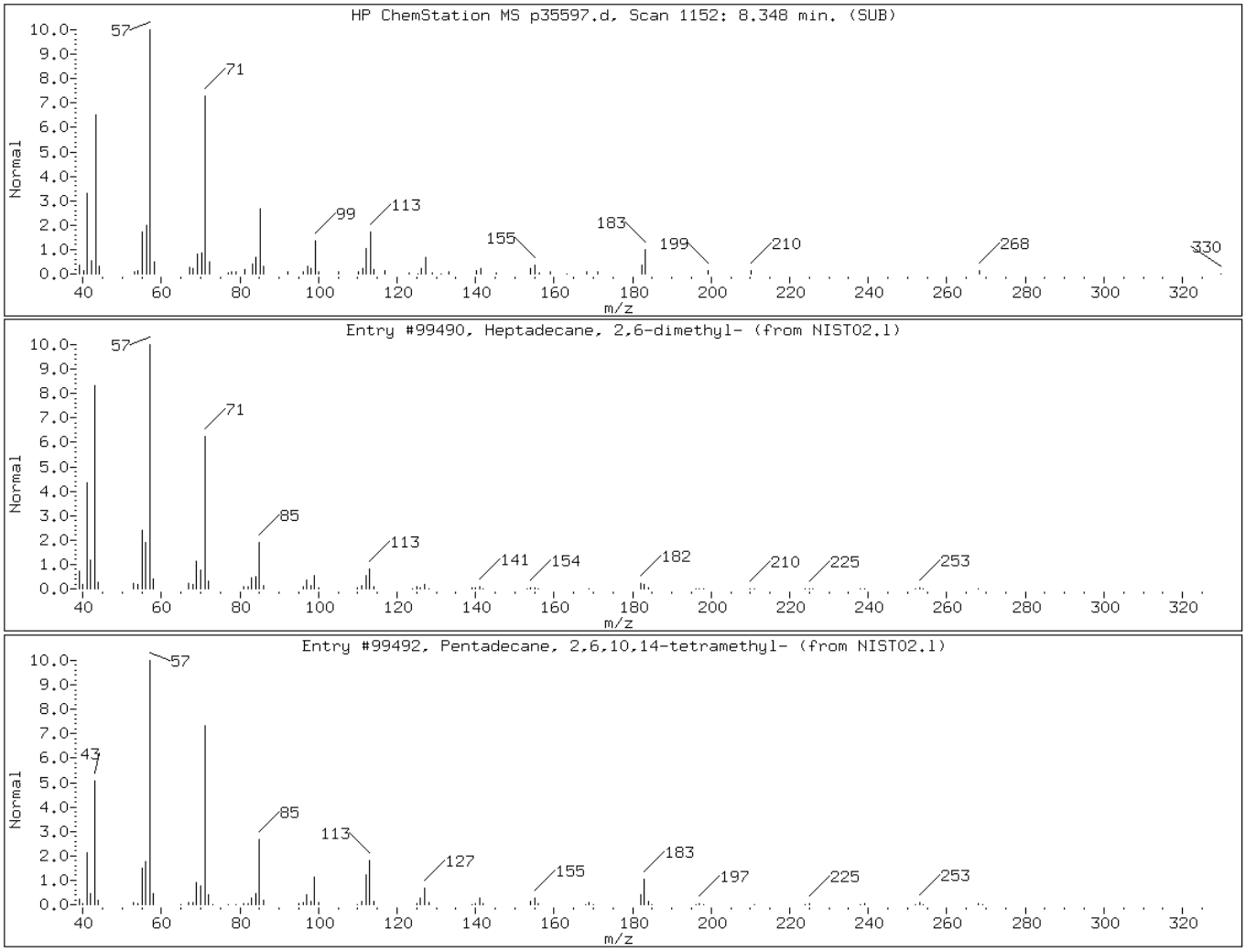
Date: 21-MAR-2013 00:49

Client ID: PMP-10-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-25-E Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	94	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	91	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD | Lab Sample ID: 460-52450-26

Matrix: Solid | Lab File ID: p35600.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 02:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.3	U	38	4.3
95-50-1	1,2-Dichlorobenzene	44	U	380	44
541-73-1	1,3-Dichlorobenzene	34	U	380	34
106-46-7	1,4-Dichlorobenzene	43	U	380	43
121-14-2	2,4-Dinitrotoluene	12	U	77	12
606-20-2	2,6-Dinitrotoluene	11	U	77	11
91-58-7	2-Chloronaphthalene	42	U	380	42
91-57-6	2-Methylnaphthalene	49	U	380	49
88-74-4	2-Nitroaniline	160	U	770	160
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
99-09-2	3-Nitroaniline	130	U	770	130
101-55-3	4-Bromophenyl phenyl ether	37	U	380	37
106-47-8	4-Chloroaniline	100	U	380	100
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	770	120
83-32-9	Acenaphthene	55	U	380	55
208-96-8	Acenaphthylene	45	U	380	45
120-12-7	Anthracene	46	U	380	46
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
108-60-1	bis (2-chloroisopropyl) ether	42	U	380	42
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
85-68-7	Butyl benzyl phthalate	35	U	380	35
86-74-8	Carbazole	45	U	380	45
218-01-9	Chrysene	44	U	380	44
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
131-11-3	Dimethyl phthalate	45	U	380	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD | Lab Sample ID: 460-52450-26

Matrix: Solid | Lab File ID: p35600.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 02:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	47	U	380	47
117-84-0	Di-n-octyl phthalate	24	U	380	24
206-44-0	Fluoranthene	50	U	380	50
86-73-7	Fluorene	48	U	380	48
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
87-68-3	Hexachlorobutadiene	9.2	U	77	9.2
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
67-72-1	Hexachloroethane	4.2	U	38	4.2
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
78-59-1	Isophorone	46	U	380	46
91-20-3	Naphthalene	44	U	380	44
98-95-3	Nitrobenzene	5.4	U	38	5.4
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-01-8	Phenanthrene	48	U	380	48
129-00-0	Pyrene	32	U	380	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		40-109
4165-60-0	Nitrobenzene-d5	83		38-105
1718-51-0	Terphenyl-d14	82		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD | Lab Sample ID: 460-52450-26

Matrix: Solid | Lab File ID: p35600.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 02:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35600.d
Report Date: 21-Mar-2013 14:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35600.d
Lab Smp Id: 460-52450-F-26-C Client Smp ID: PMP-10-NE-SD
Inj Date : 21-MAR-2013 02:05
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-26-C
Misc Info : 460-52450-F-26-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 23
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	15.04000	Weight of sample extracted (g)
M	12.75168	% Moisture

Cpnd Variable Local Compound Variable

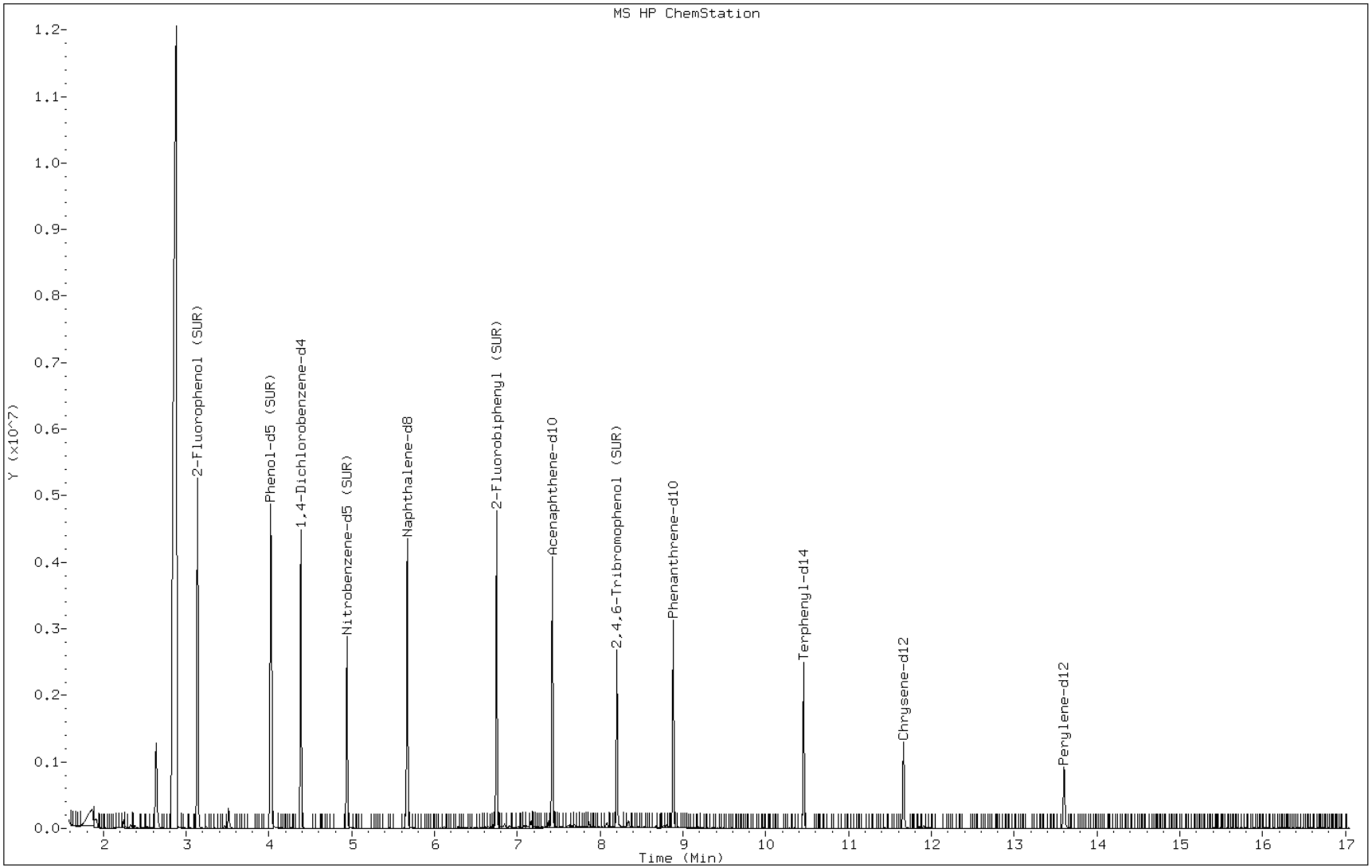
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.142	3.101	(0.716)	1641853	73.5268	5600
$ 17 Phenol-d5 (SUR)	99	4.023	4.035	(0.917)	1881319	73.5012	5600
* 79 1,4-Dichlorobenzene-d4	152	4.388	4.394	(1.000)	658622	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	889539	41.5081	3200
* 80 Naphthalene-d8	136	5.669	5.675	(1.000)	2016709	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.910)	1426990	41.5779	3200
* 82 Acenaphthene-d10	164	7.419	7.425	(1.000)	1011819	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.105)	314345	74.7280	5700
* 83 Phenanthrene-d10	188	8.882	8.888	(1.000)	1170471	40.0000	
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	798031	40.9309	3100
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	615812	40.0000	
* 84 Perylene-d12	264	13.601	13.607	(1.000)	511888	40.0000	

Data File: p35600.d

Date: 21-MAR-2013 02:05

Client ID: PMP-10-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-26-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD | Lab Sample ID: 460-52450-27

Matrix: Solid | Lab File ID: p35601.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 14.98(g) | Date Analyzed: 03/21/2013 02:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.9	U	35	3.9
95-50-1	1,2-Dichlorobenzene	40	U	350	40
541-73-1	1,3-Dichlorobenzene	31	U	350	31
106-46-7	1,4-Dichlorobenzene	39	U	350	39
121-14-2	2,4-Dinitrotoluene	11	U	70	11
606-20-2	2,6-Dinitrotoluene	10	U	70	10
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	140	U	700	140
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
99-09-2	3-Nitroaniline	120	U	700	120
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
106-47-8	4-Chloroaniline	92	U	350	92
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	41	U	350	41
120-12-7	Anthracene	42	U	350	42
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	350	38
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	41	U	350	41
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
131-11-3	Dimethyl phthalate	41	U	350	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD | Lab Sample ID: 460-52450-27

Matrix: Solid | Lab File ID: p35601.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 14.98(g) | Date Analyzed: 03/21/2013 02:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	46	U	350	46
86-73-7	Fluorene	44	U	350	44
118-74-1	Hexachlorobenzene	4.7	U	35	4.7
87-68-3	Hexachlorobutadiene	8.5	U	70	8.5
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	42	U	350	42
91-20-3	Naphthalene	40	U	350	40
98-95-3	Nitrobenzene	4.9	U	35	4.9
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-01-8	Phenanthrene	44	U	350	44
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	87		40-109
4165-60-0	Nitrobenzene-d5	88		38-105
1718-51-0	Terphenyl-d14	92		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD | Lab Sample ID: 460-52450-27

Matrix: Solid | Lab File ID: p35601.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 14.98(g) | Date Analyzed: 03/21/2013 02:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 5 | TIC Result Total: 1970

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.85	330	J
	Unknown Alkane-2	7.37	400	J
	Unknown Alkane-3	7.87	410	J
	Unknown Alkane-4	8.33	520	J
	Unknown	8.35	310	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35601.d
Report Date: 21-Mar-2013 14:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35601.d
Lab Smp Id: 460-52450-F-27-E Client Smp ID: PMP-9-NE-VD
Inj Date : 21-MAR-2013 02:30
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-27-E
Misc Info : 460-52450-F-27-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.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	14.98000	Weight of sample extracted (g)
M	4.61255	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.136	3.101	(0.716)	2098326	78.3090	5500
$ 17 Phenol-d5 (SUR)	99	4.023	4.035	(0.918)	2520249	82.0545	5700
* 79 1,4-Dichlorobenzene-d4	152	4.382	4.394	(1.000)	790331	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	1171027	44.1236	3100
* 80 Naphthalene-d8	136	5.668	5.675	(1.000)	2497511	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.909)	1918983	43.2814	3000
125 1,3-Dimethylnaphthalene	156	7.084	7.091	(0.954)	21307	0.62606	44(a)
* 82 Acenaphthene-d10	164	7.425	7.425	(1.000)	1307115	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.104)	408032	75.0862	5200
115 n-Octadecane	57	8.771	8.777	(0.987)	35712	1.51572	110(a)
* 83 Phenanthrene-d10	188	8.882	8.888	(1.000)	1440209	40.0000	
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	881275	46.2091	3200
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	602371	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35601.d
Report Date: 21-Mar-2013 14:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.606	13.607	(1.000)	509438	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35601.d

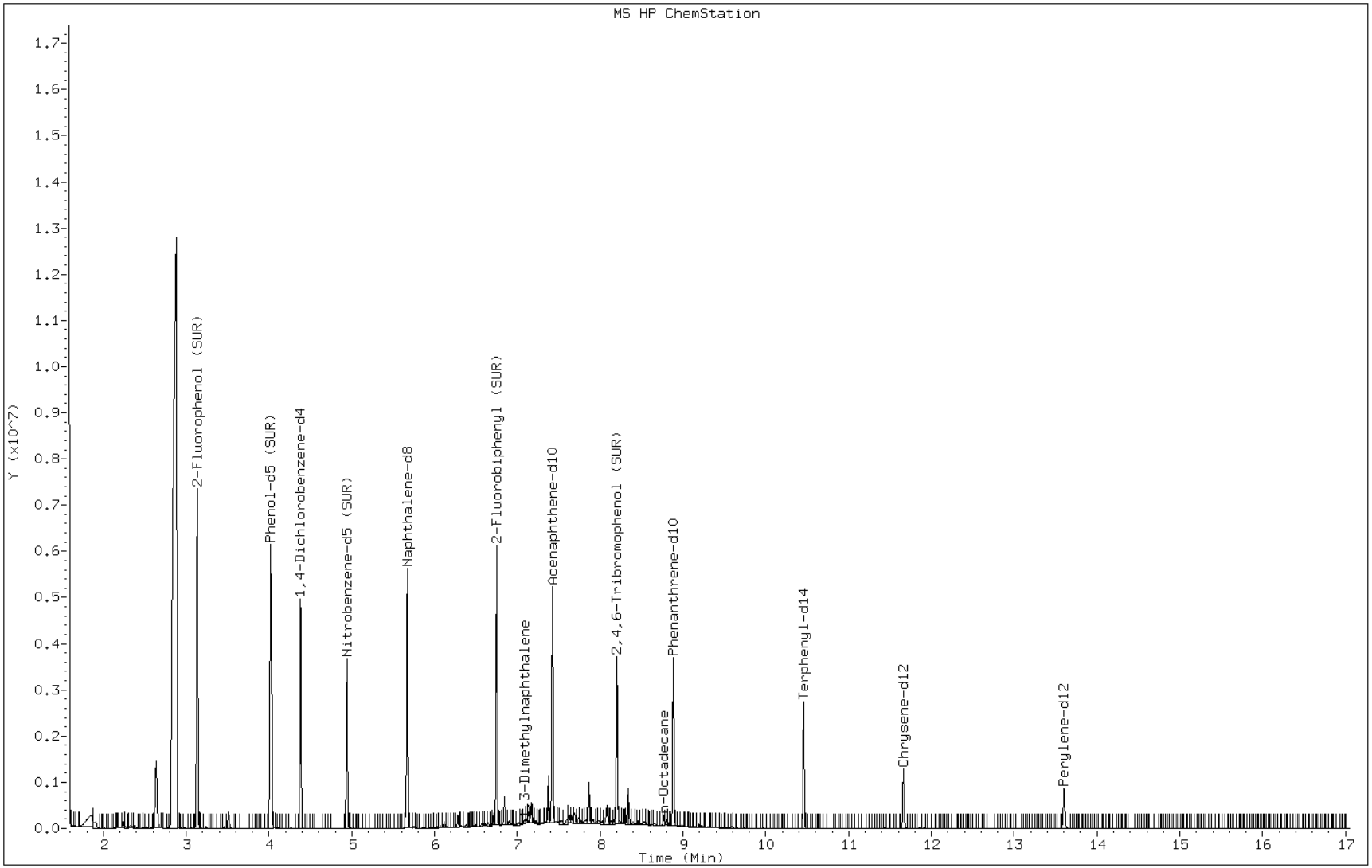
Date: 21-MAR-2013 02:30

Client ID: PMP-9-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-27-E

Operator: BNAMS 4



Data File: p35601.d

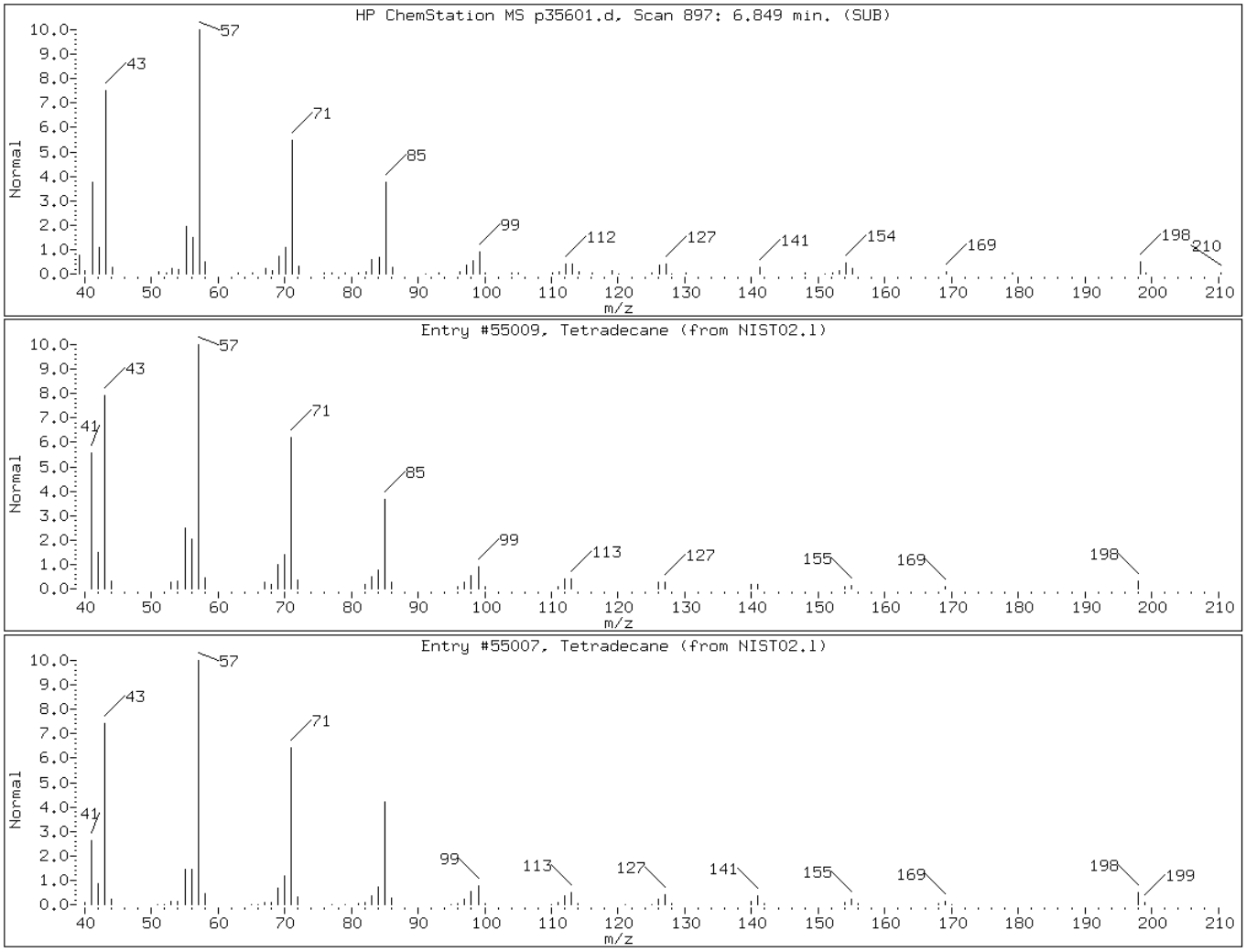
Date: 21-MAR-2013 02:30

Client ID: PMP-9-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-27-E Operator: BNAMS 4

Retention Time: 6.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tetradecane	629-59-4	NIST02.l	55009	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	97	C14H30	198



Data File: p35601.d

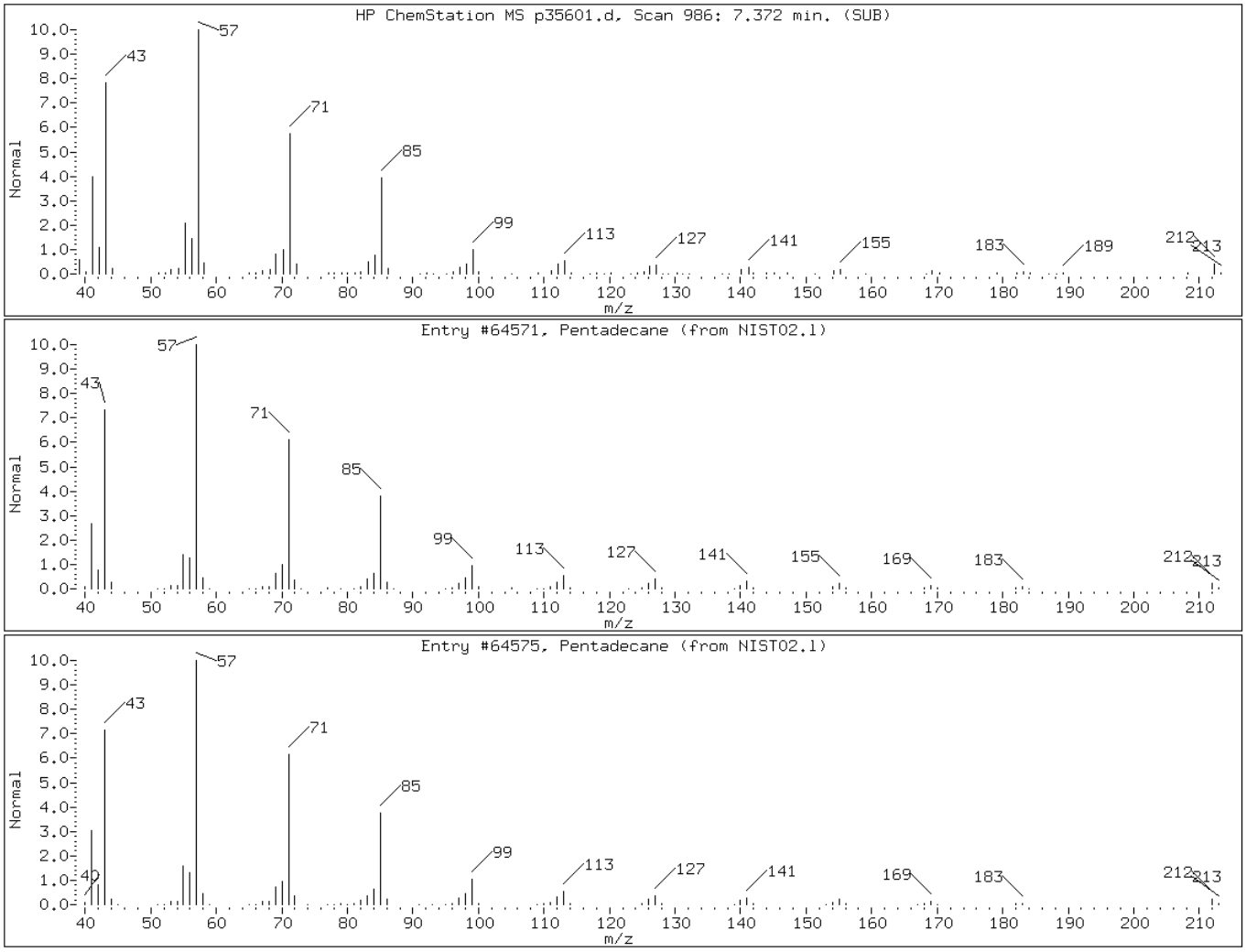
Date: 21-MAR-2013 02:30

Client ID: PMP-9-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-27-E Operator: BNAMS 4

Retention Time: 7.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane	629-62-9	NIST02.l	64571	98	C15H32	212
Pentadecane	629-62-9	NIST02.l	64575	97	C15H32	212



Data File: p35601.d

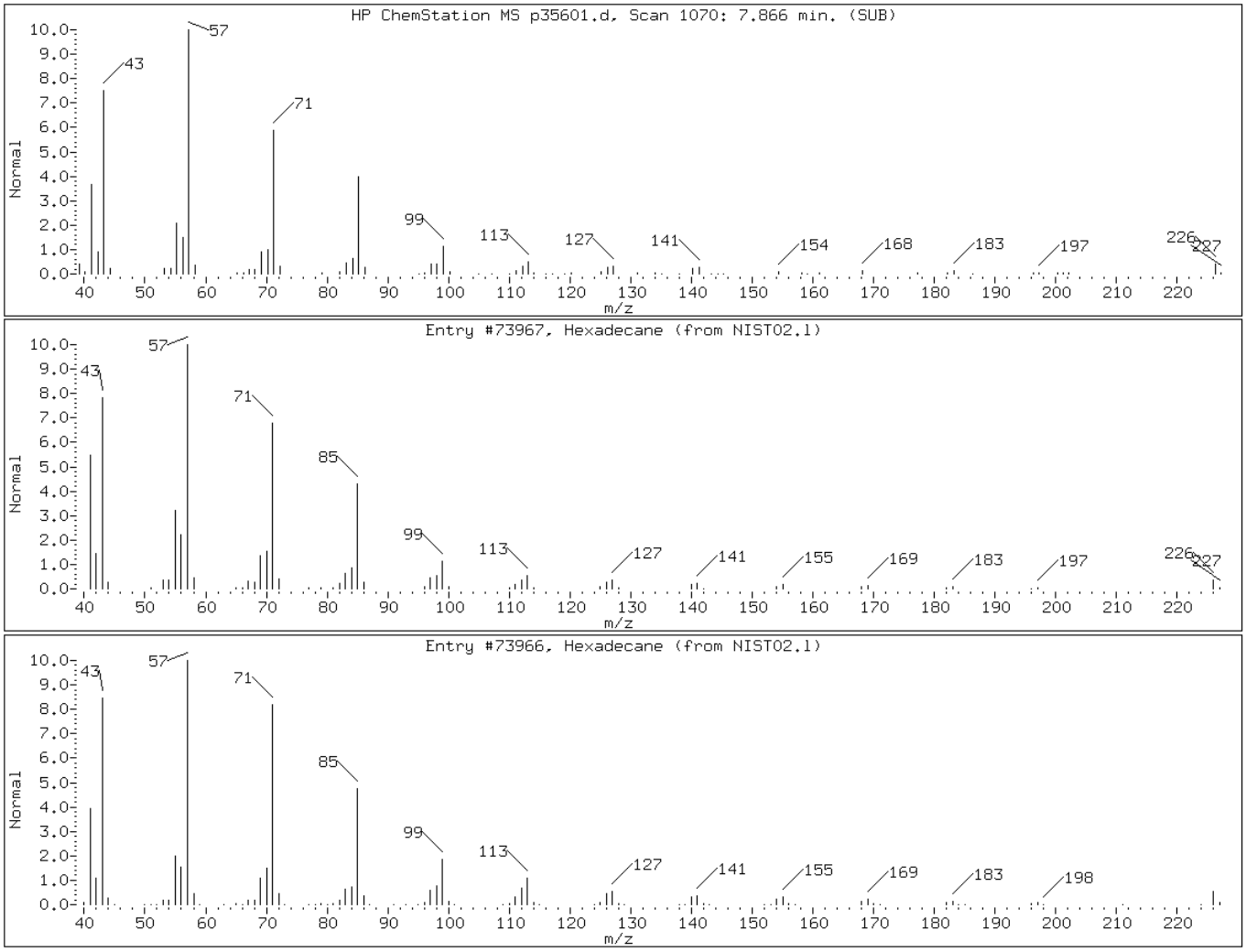
Date: 21-MAR-2013 02:30

Client ID: PMP-9-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-27-E Operator: BNAMS 4

Retention Time: 7.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane	544-76-3	NIST02.l	73967	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	95	C16H34	226



Data File: p35601.d

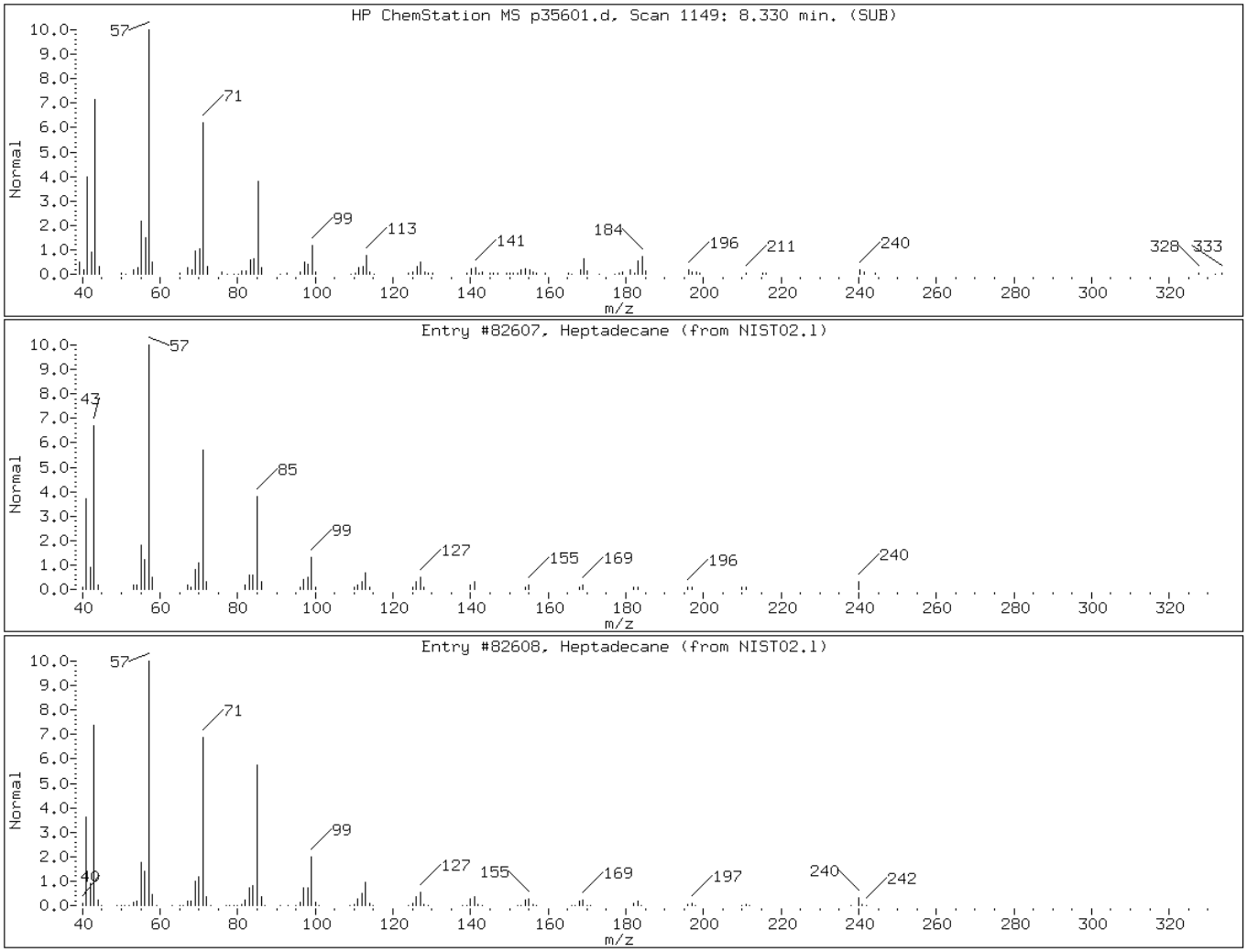
Date: 21-MAR-2013 02:30

Client ID: PMP-9-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-27-E Operator: BNAMS 4

Retention Time: 8.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Heptadecane	629-78-7	NIST02.l	82607	96	C17H36	240
Heptadecane	629-78-7	NIST02.l	82608	95	C17H36	240



Data File: p35601.d

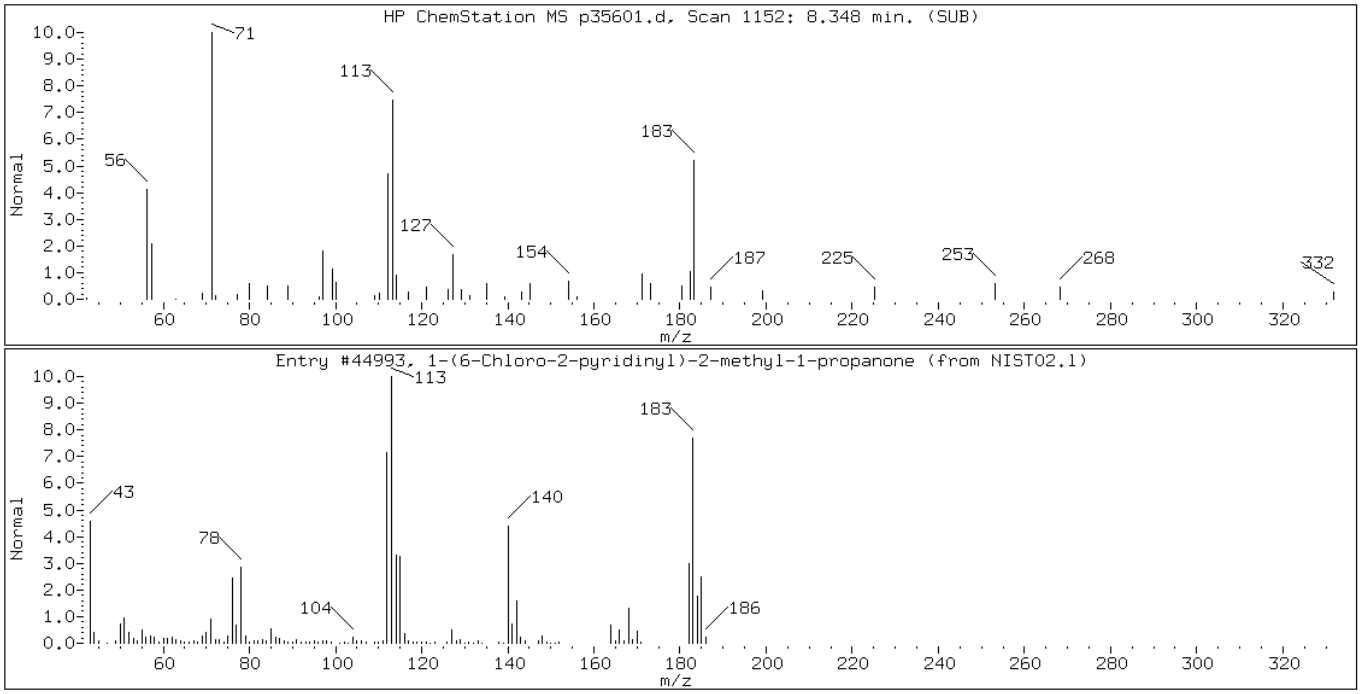
Date: 21-MAR-2013 02:30

Client ID: PMP-9-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-27-E Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-(6-Chloro-2-pyridinyl)-2-methyl-	1000108-70-2	NIST02.l	44993	23	C9H10ClNO	183



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT | Lab Sample ID: 460-52450-28

Matrix: Solid | Lab File ID: p35602.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 02:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.1	U	36	4.1
95-50-1	1,2-Dichlorobenzene	42	U	360	42
541-73-1	1,3-Dichlorobenzene	33	U	360	33
106-46-7	1,4-Dichlorobenzene	41	U	360	41
121-14-2	2,4-Dinitrotoluene	12	U	74	12
606-20-2	2,6-Dinitrotoluene	11	U	74	11
91-58-7	2-Chloronaphthalene	41	U	360	41
91-57-6	2-Methylnaphthalene	47	U	360	47
88-74-4	2-Nitroaniline	150	U	740	150
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
99-09-2	3-Nitroaniline	130	U	740	130
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
106-47-8	4-Chloroaniline	97	U	360	97
7005-72-3	4-Chlorophenyl phenyl ether	43	U	360	43
100-01-6	4-Nitroaniline	110	U	740	110
83-32-9	Acenaphthene	53	U	360	53
208-96-8	Acenaphthylene	43	U	360	43
120-12-7	Anthracene	44	U	360	44
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
207-08-9	Benzo[k]fluoranthene	2.8	U	36	2.8
108-60-1	bis (2-chloroisopropyl) ether	40	U	360	40
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
111-44-4	Bis(2-chloroethyl)ether	5.0	U	36	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
85-68-7	Butyl benzyl phthalate	33	U	360	33
86-74-8	Carbazole	43	U	360	43
218-01-9	Chrysene	43	U	360	43
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
132-64-9	Dibenzofuran	43	U	360	43
84-66-2	Diethyl phthalate	43	U	360	43
131-11-3	Dimethyl phthalate	43	U	360	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT | Lab Sample ID: 460-52450-28

Matrix: Solid | Lab File ID: p35602.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 02:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	45	U	360	45
117-84-0	Di-n-octyl phthalate	23	U	360	23
206-44-0	Fluoranthene	49	U	360	49
86-73-7	Fluorene	47	U	360	47
118-74-1	Hexachlorobenzene	5.0	U	36	5.0
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
77-47-4	Hexachlorocyclopentadiene	43	U	360	43
67-72-1	Hexachloroethane	4.1	U	36	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	36	6.8
78-59-1	Isophorone	44	U	360	44
91-20-3	Naphthalene	42	U	360	42
98-95-3	Nitrobenzene	5.2	U	36	5.2
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	36	6.1
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-01-8	Phenanthrene	46	U	360	46
129-00-0	Pyrene	83	J	360	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	93		40-109
4165-60-0	Nitrobenzene-d5	89		38-105
1718-51-0	Terphenyl-d14	77		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT | Lab Sample ID: 460-52450-28

Matrix: Solid | Lab File ID: p35602.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 02:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 178700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-4	7.88	10000	J
	Unknown Alkane-5	8.10	8700	J
	Unknown Alkane-7	8.17	4400	J
	Unknown Alkane-8	8.35	40000	J
	Unknown-1	8.37	21000	J
	Unknown Alkane-9	8.54	7200	J
	Unknown-3	8.66	5100	J
593-45-3	n-Octadecane	8.79	15000	E
	Unknown Alkane-11	8.82	17000	J
	Unknown Alkane-13	9.16	5300	J
	Unknown Alkane-14	9.21	18000	J
	Trichloro-1,1-biphenyl isomer-1	9.24	7900	J
	Tetrachloro-1,1-biphenyl isomer-1	9.51	5900	J
	Unknown Alkane-15	9.60	8300	J
	Unknown Alkane-16	9.98	4900	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35602.d
Report Date: 22-Mar-2013 11:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35602.d
Lab Smp Id: 460-52450-F-28-C Client Smp ID: PMP-9-NE-WT
Inj Date : 21-MAR-2013 02:56
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-28-C
Misc Info : 460-52450-F-28-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 25
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	9.24855	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.136	3.101	(0.715)	1969275	82.8679	6100
$ 17 Phenol-d5 (SUR)	99	4.029	4.035	(0.918)	2335943	85.7556	6300
* 79 1,4-Dichlorobenzene-d4	152	4.388	4.394	(1.000)	700919	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	1073451	44.4797	3300
* 80 Naphthalene-d8	136	5.669	5.675	(1.000)	2271076	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.909)	1733395	46.6602	3400
125 1,3-Dimethylnaphthalene	156	7.085	7.091	(0.954)	10423	0.36552	27(aH)
* 82 Acenaphthene-d10	164	7.425	7.425	(1.000)	1095203	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.207	8.207	(1.105)	308047	67.6553	5000
115 n-Octadecane	57	8.794	8.777	(0.989)	3142841	198.743	14000(A)
* 83 Phenanthrene-d10	188	8.894	8.888	(1.000)	966628	40.0000	
57 Pyrene	202	10.310	10.305	(0.884)	25860	1.12952	83(a)
$ 78 Terphenyl-d14	244	10.463	10.457	(0.897)	612280	38.4038	2800

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35602.d
Report Date: 22-Mar-2013 11:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	503565	40.0000	
* 84 Perylene-d12	264	13.601	13.607	(1.000)	460965	40.0000	

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.
H - Operator selected an alternate compound hit.

Data File: p35602.d

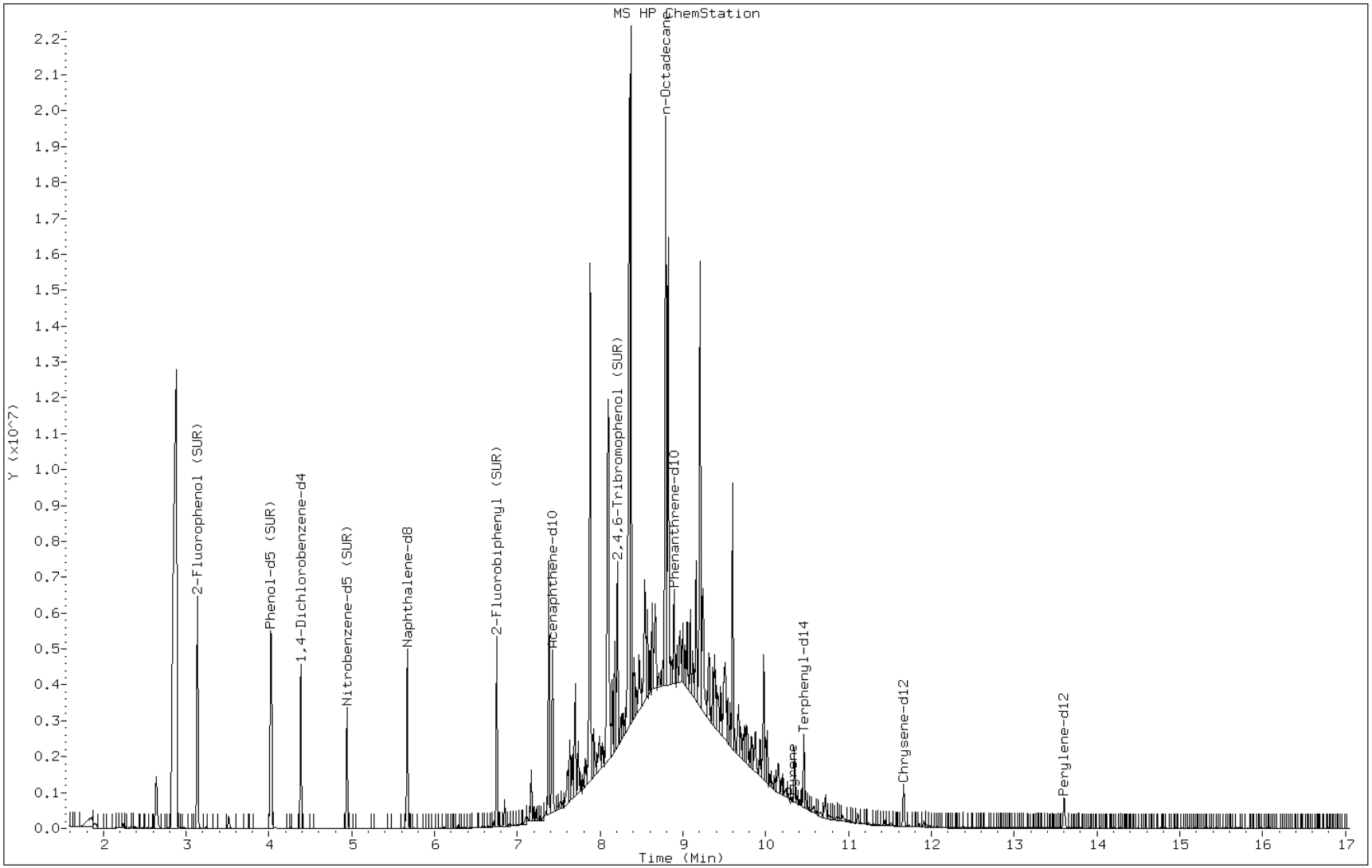
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C

Operator: BNAMS 4



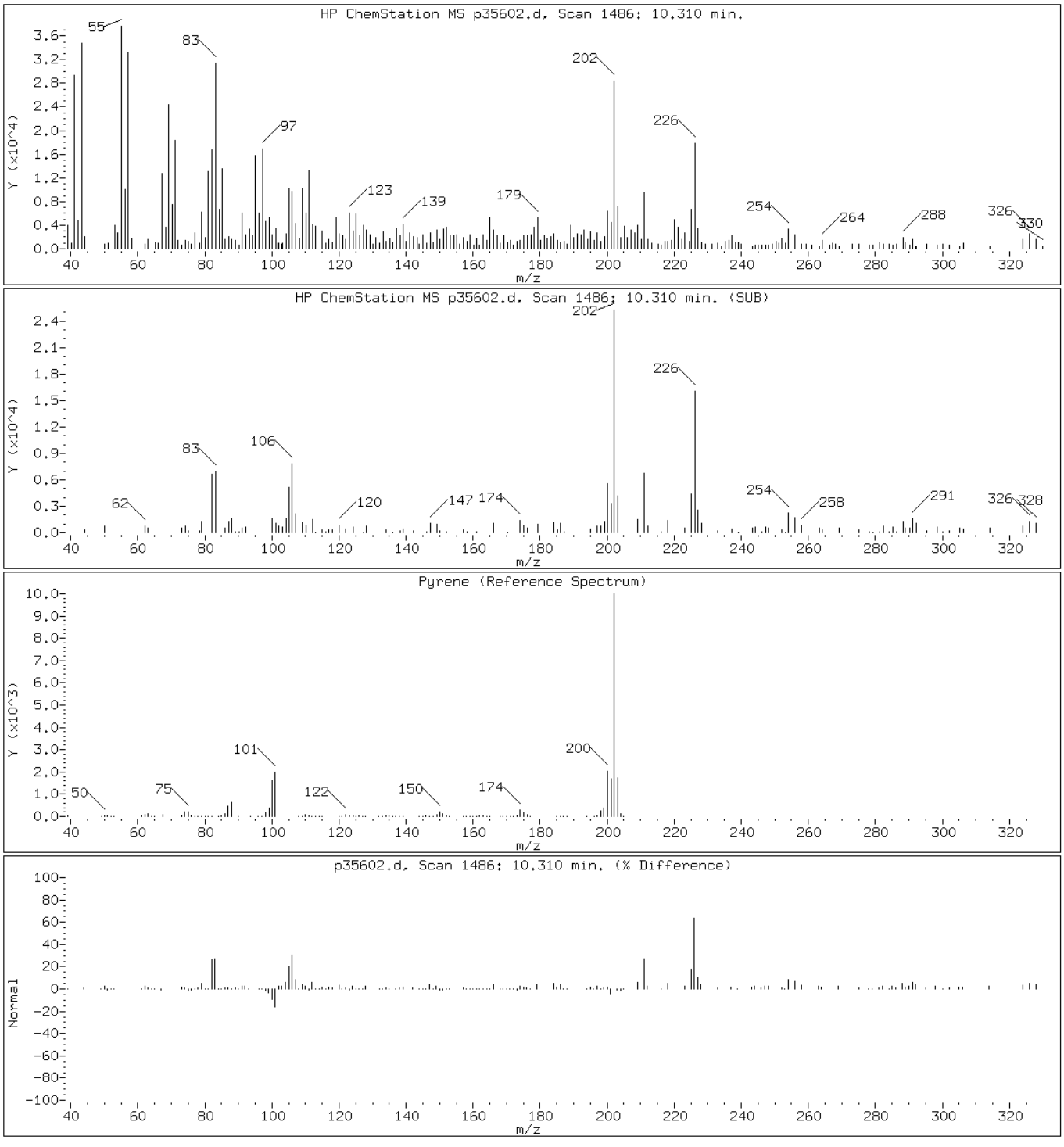
Data File: p35602.d

Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

57 Pyrene



Data File: p35602.d

Date: 21-MAR-2013 02:56

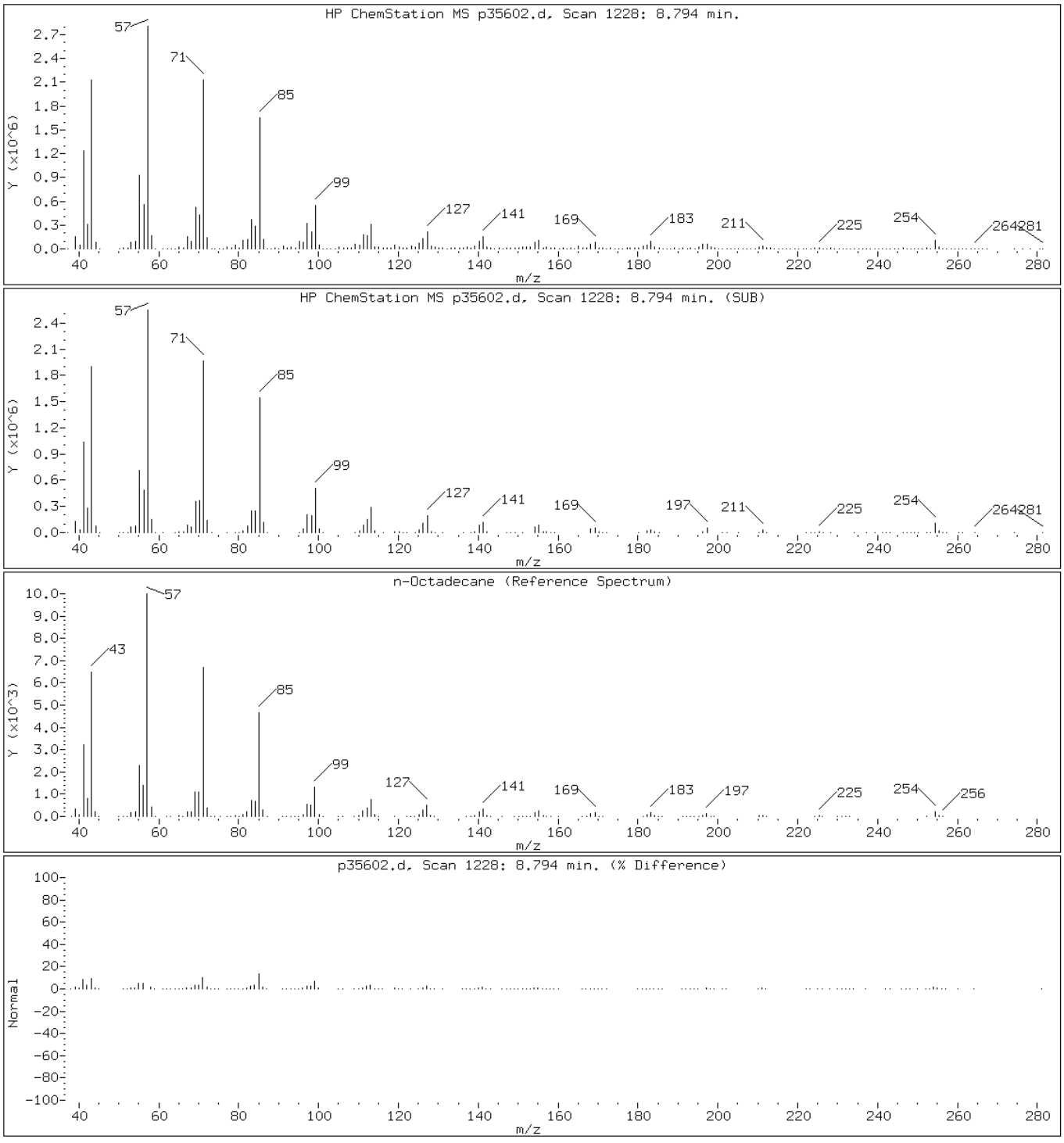
Client ID: PMP-9-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C

Operator: BNAMS 4

115 n-Octadecane



Data File: p35602.d

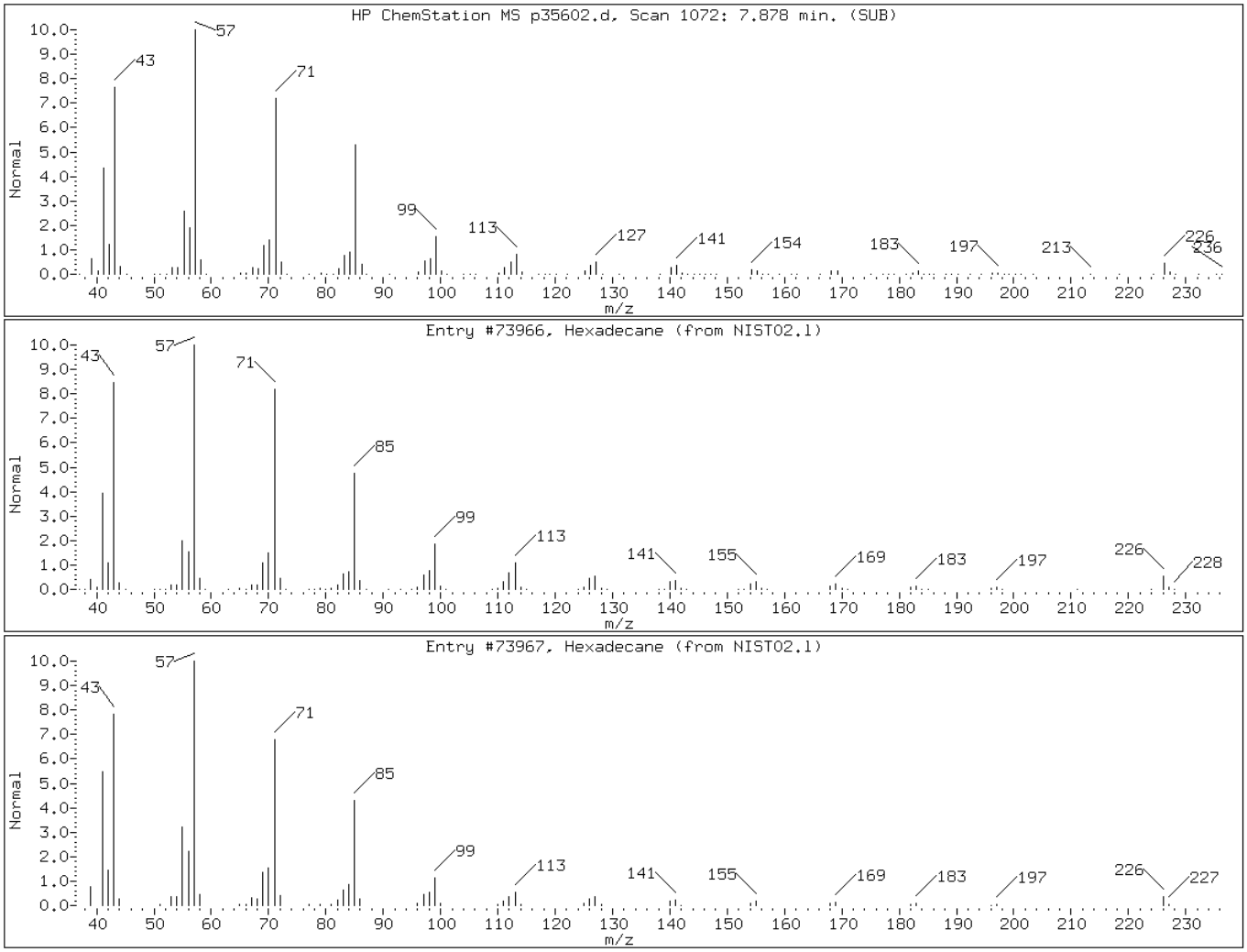
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 7.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73967	98	C16H34	226



Data File: p35602.d

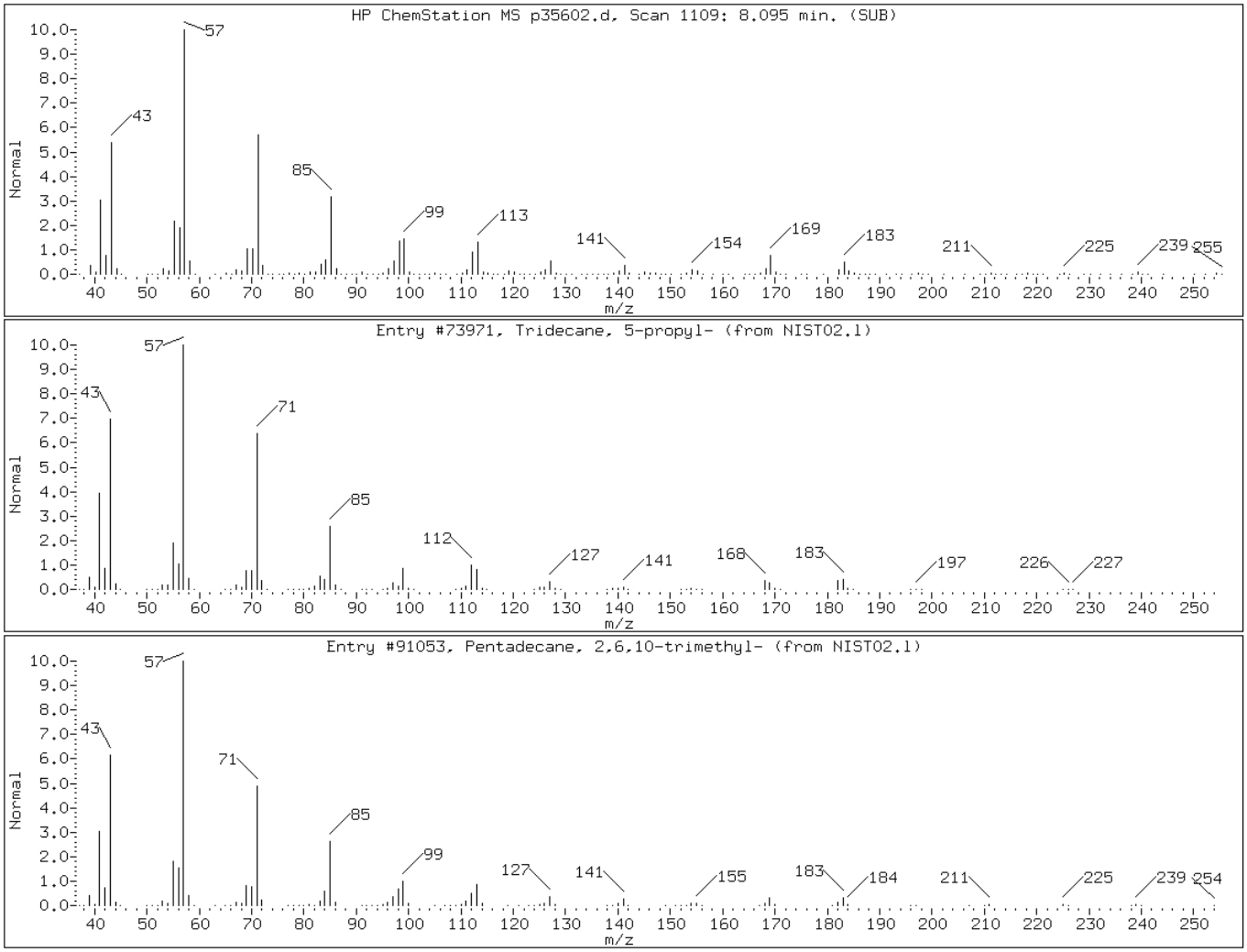
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	91	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254



Data File: p35602.d

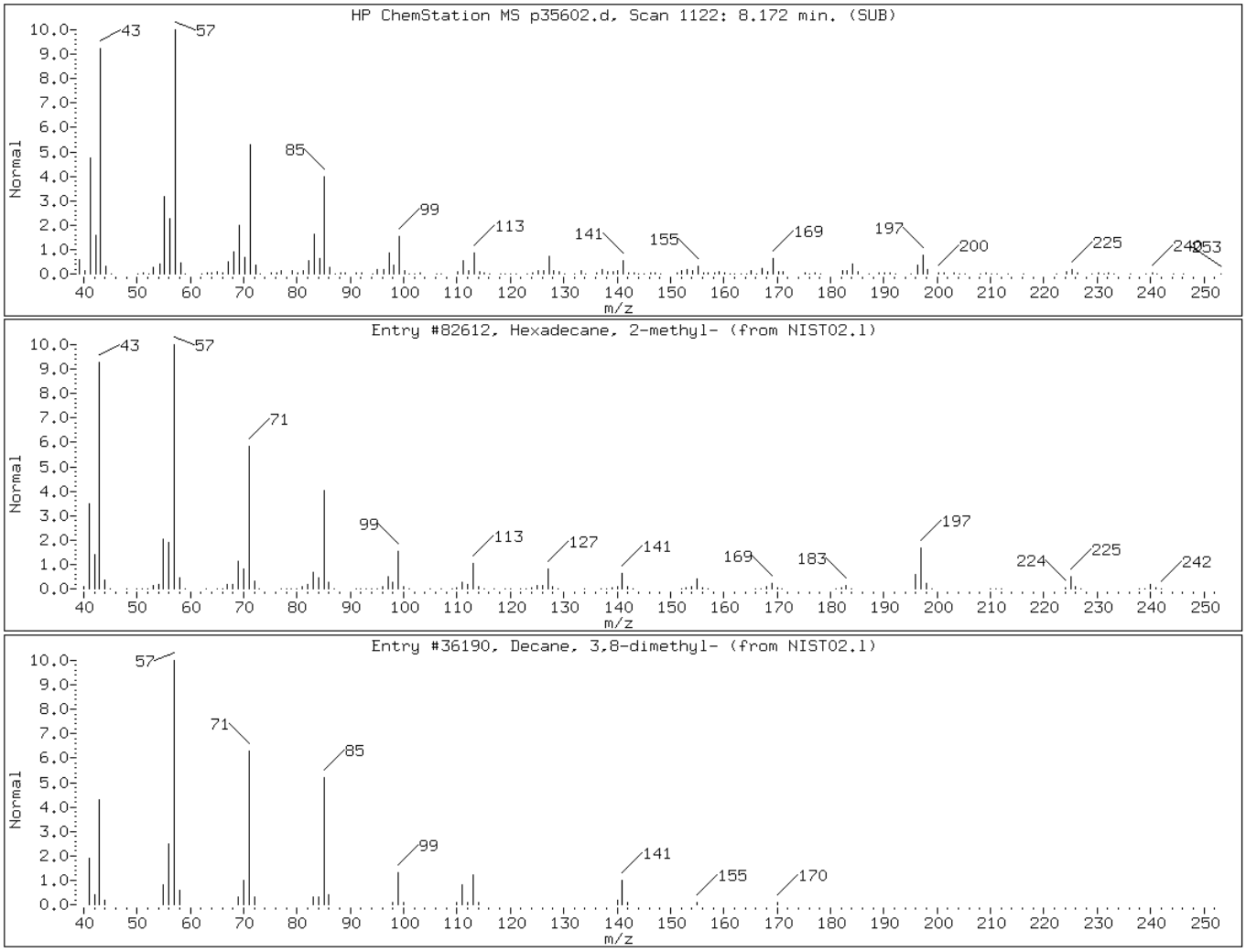
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 8.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82612	98	C17H36	240
Decane, 3,8-dimethyl-	17312-55-9	NIST02.l	36190	91	C12H26	170



Data File: p35602.d

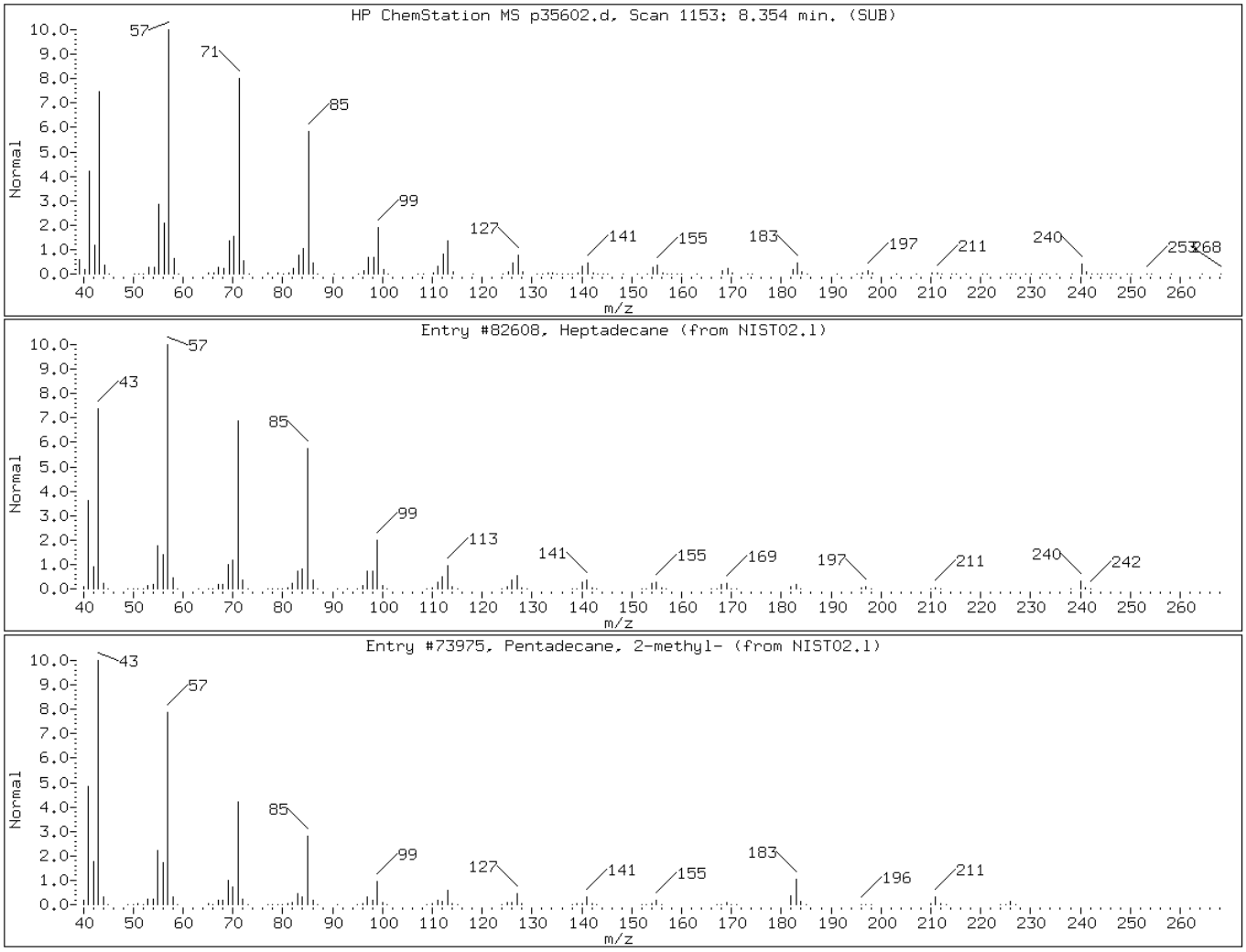
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Pentadecane, 2-methyl-	1560-93-6	NIST02.l	73975	96	C16H34	226



Data File: p35602.d

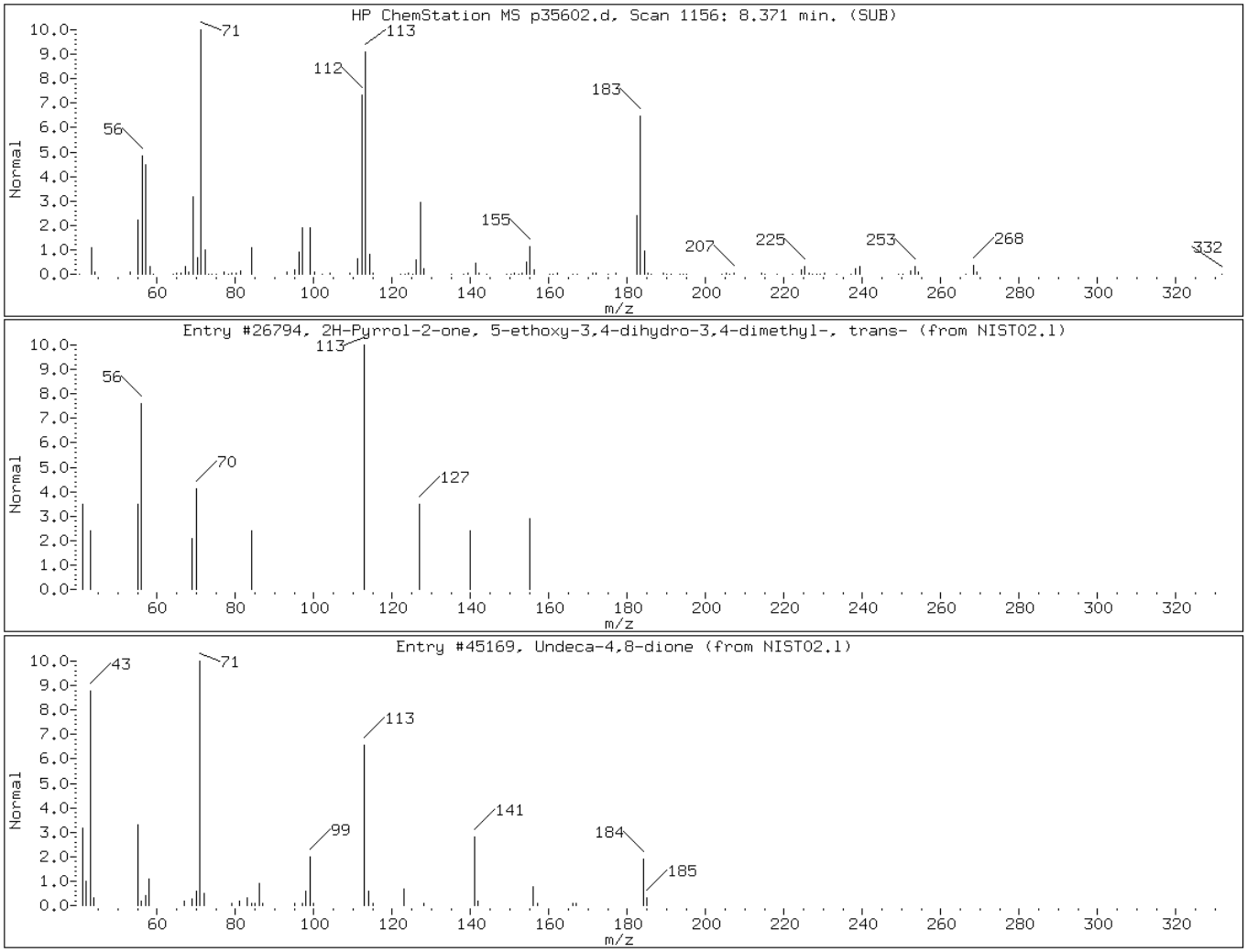
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2H-Pyrrol-2-one, 5-ethoxy-3,4-dihy	64833-42-7	NIST02.l	26794	27	C8H13NO2	155
Undeca-4,8-dione	13505-35-6	NIST02.l	45169	25	C11H20O2	184



Data File: p35602.d

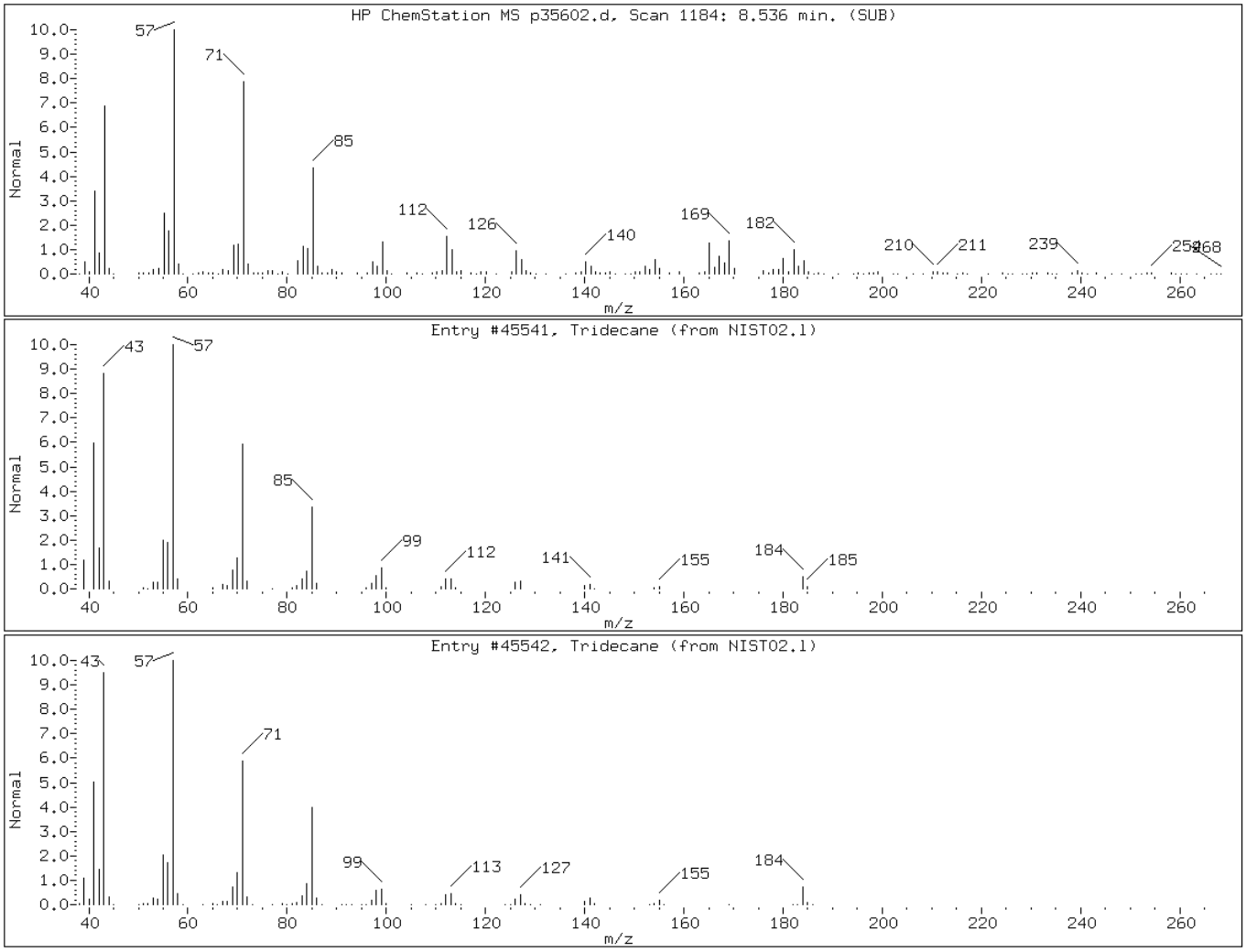
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tridecane	629-50-5	NIST02.l	45541	89	C13H28	184
Tridecane	629-50-5	NIST02.l	45542	89	C13H28	184



Data File: p35602.d

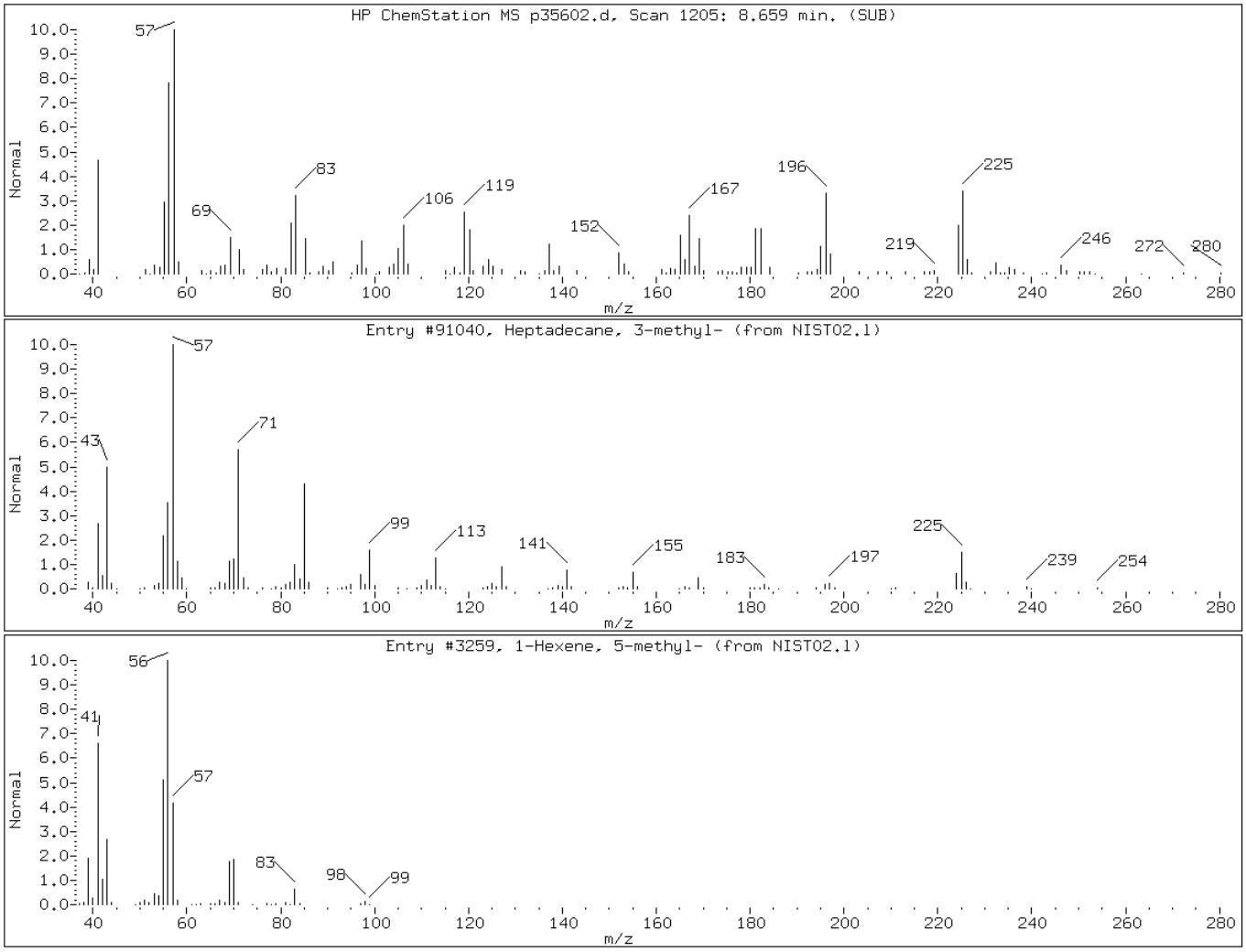
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Heptadecane, 3-methyl-	6418-44-6	NIST02.l	91040	25	C18H38	254
1-Hexene, 5-methyl-	3524-73-0	NIST02.l	3259	22	C7H14	98



Data File: p35602.d

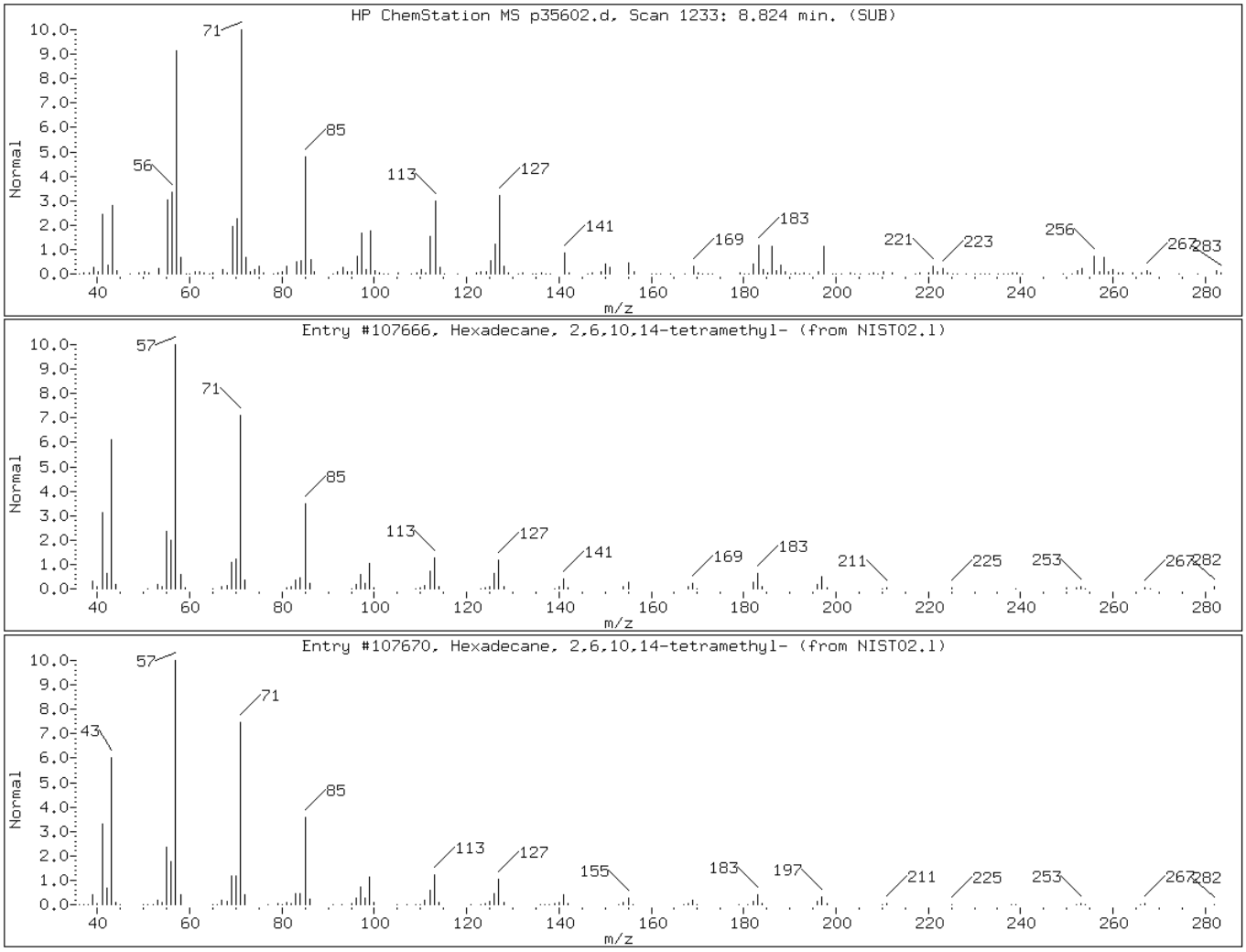
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	93	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	93	C20H42	282



Data File: p35602.d

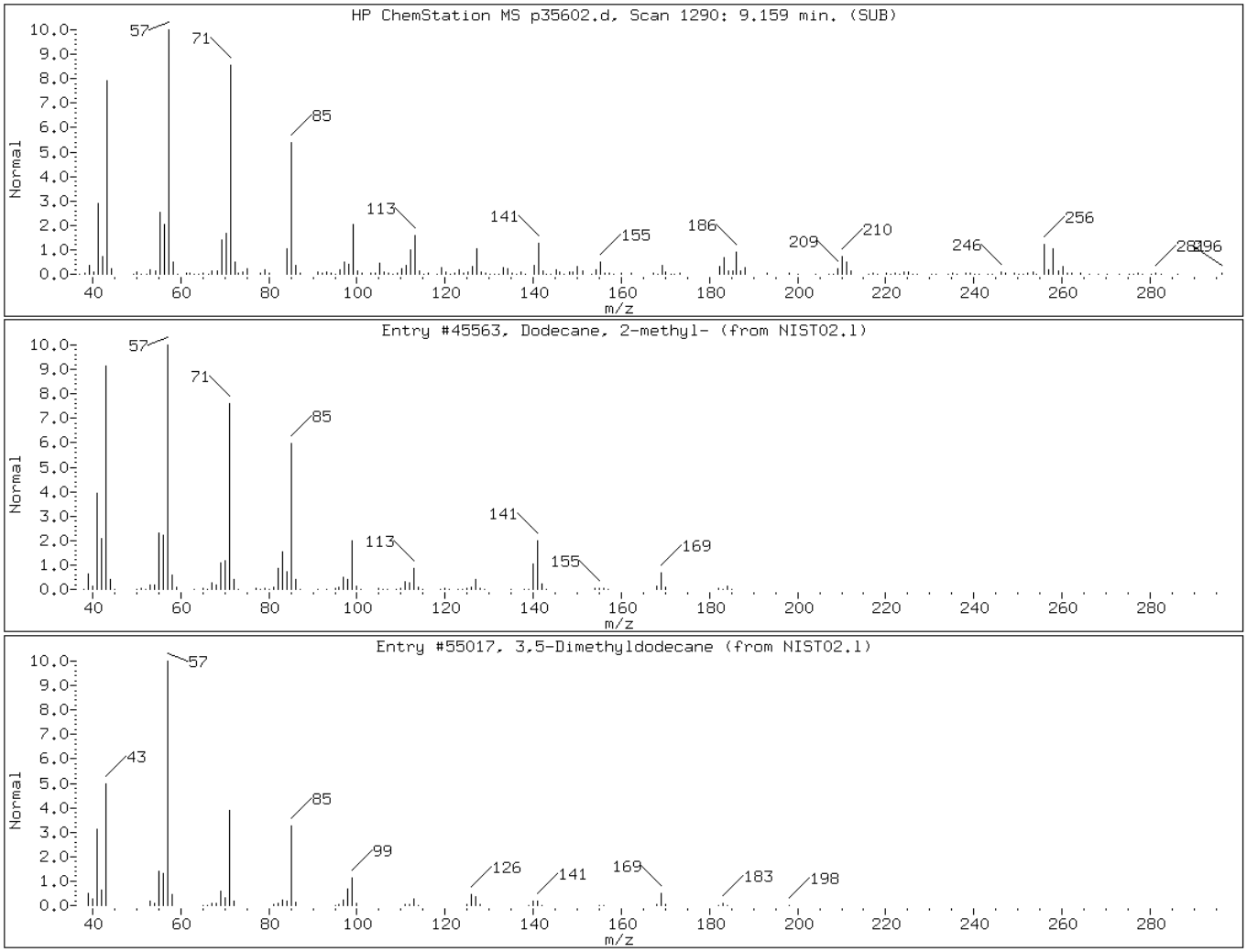
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 9.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Dodecane, 2-methyl-	1560-97-0	NIST02.l	45563	89	C13H28	184
3,5-Dimethyldodecane	107770-99-0	NIST02.l	55017	76	C14H30	198



Data File: p35602.d

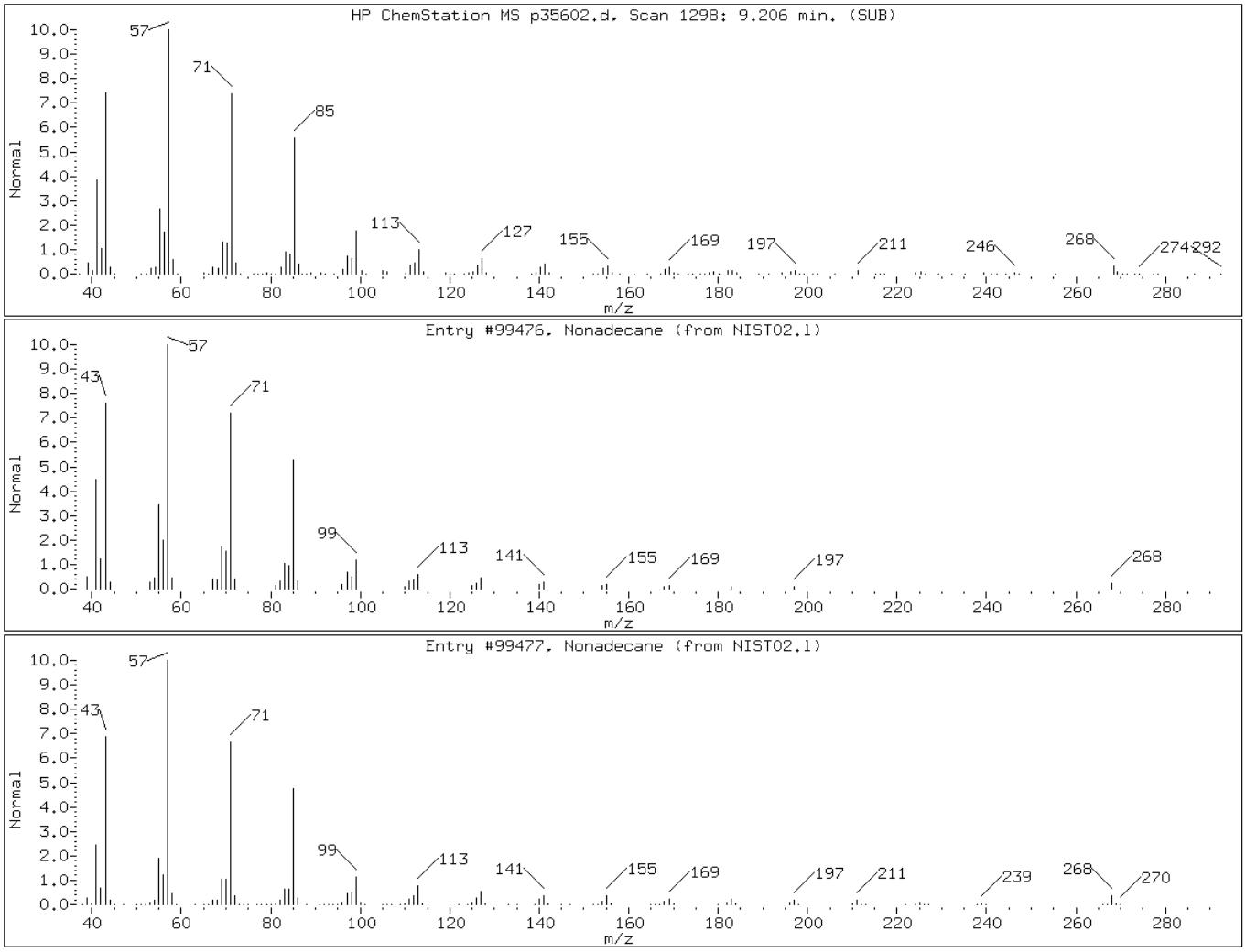
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 9.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Nonadecane	629-92-5	NIST02.l	99476	99	C19H40	268
Nonadecane	629-92-5	NIST02.l	99477	93	C19H40	268



Data File: p35602.d

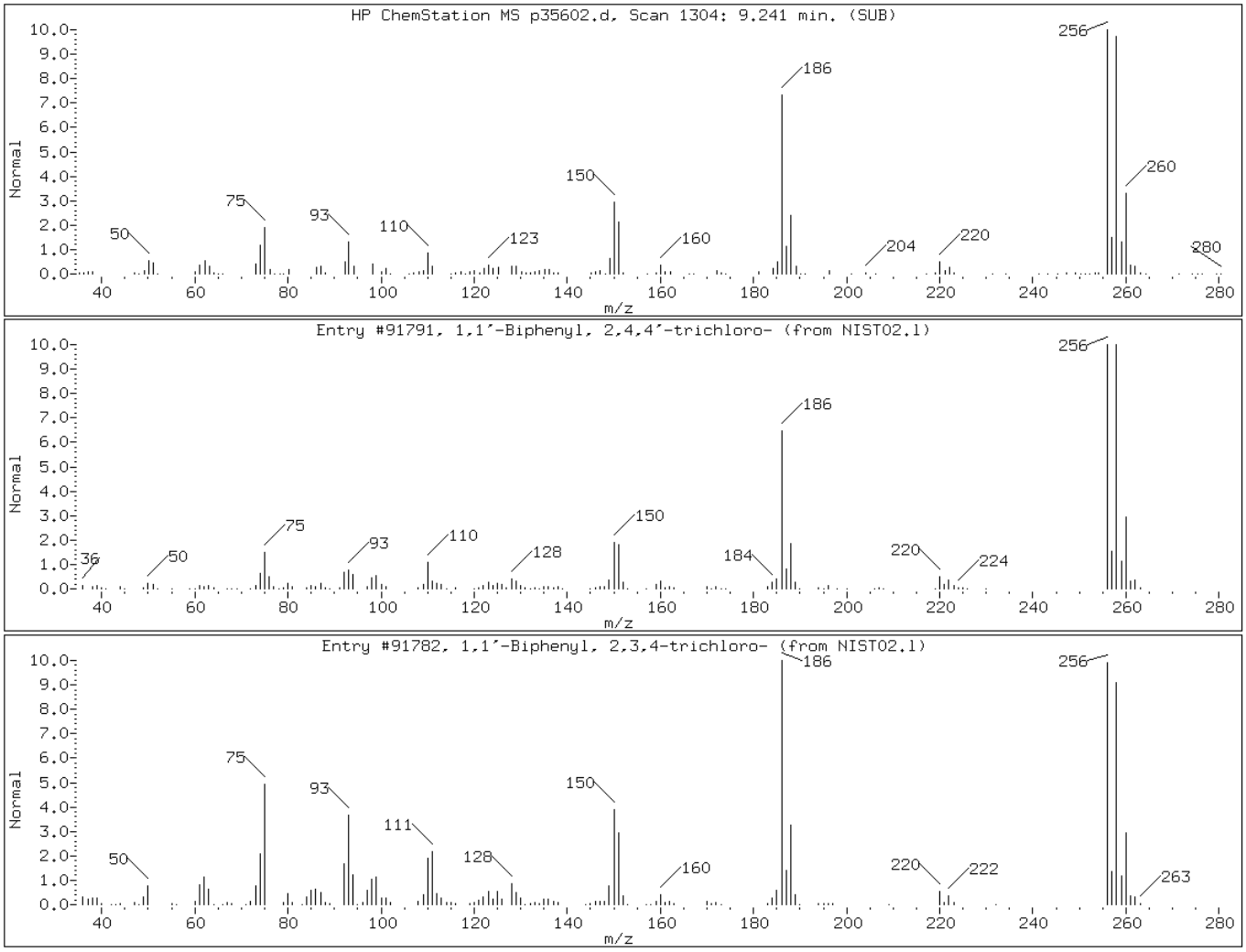
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	96	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	96	C12H7Cl3	256



Data File: p35602.d

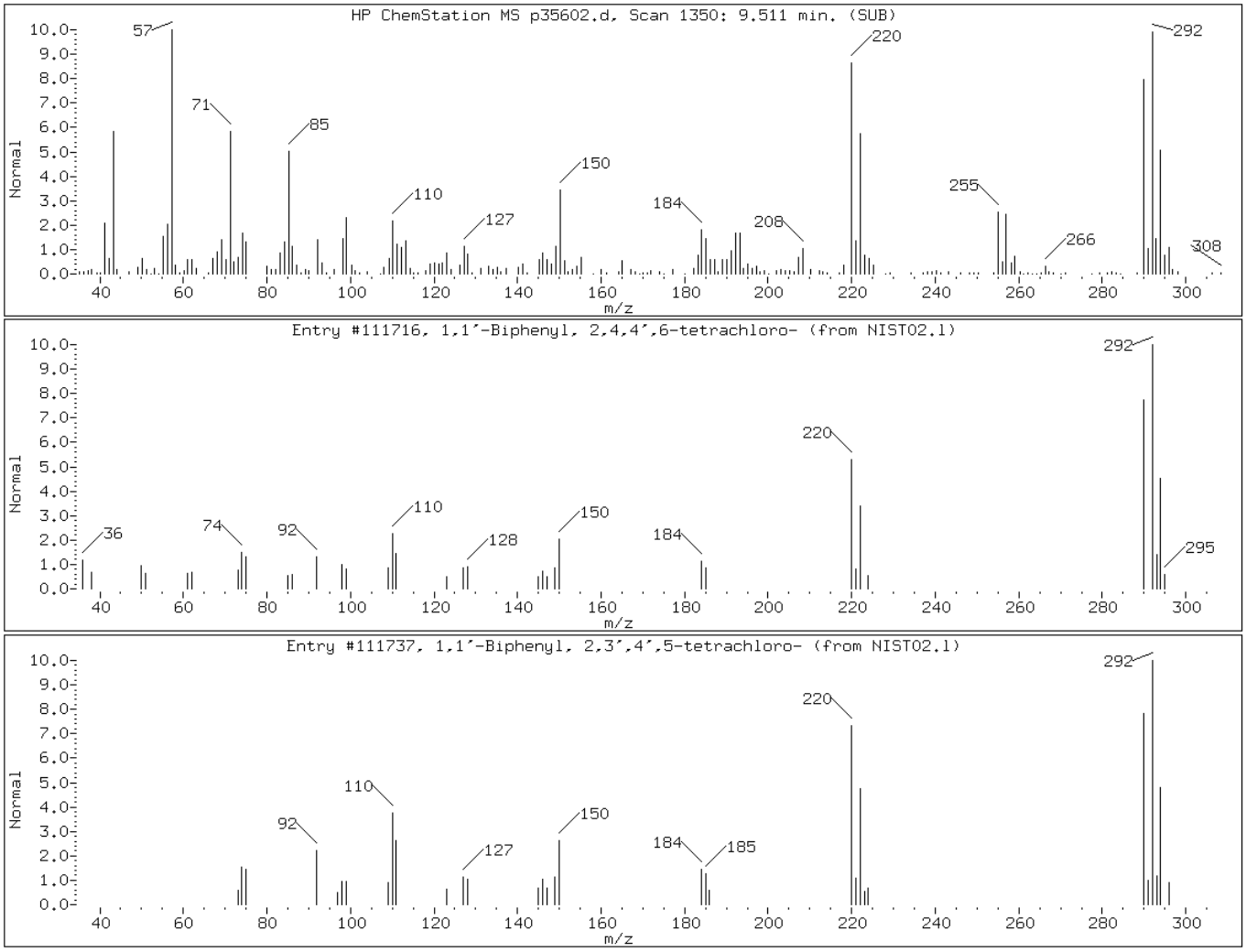
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 9.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: p35602.d

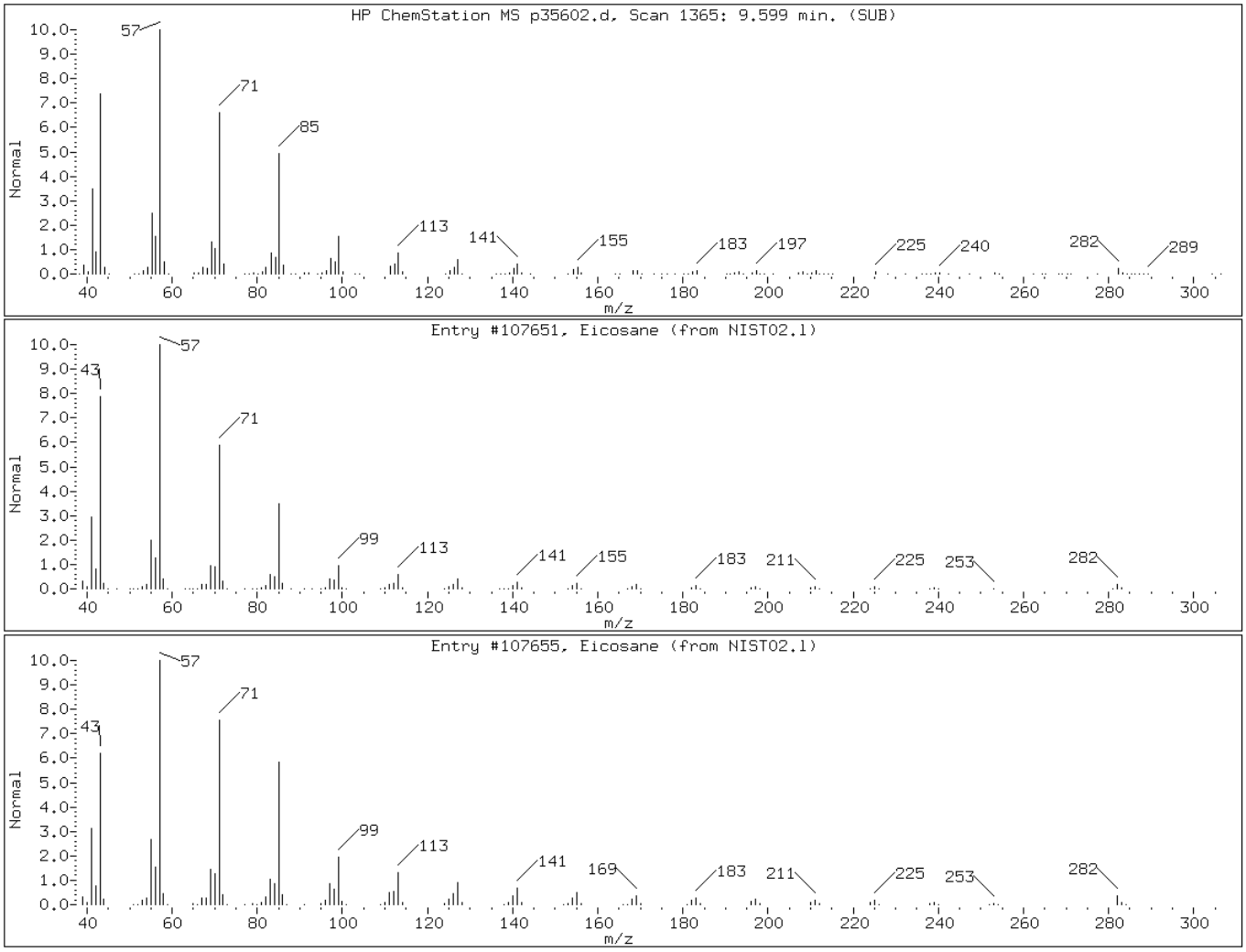
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 9.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Eicosane	112-95-8	NIST02.l	107651	98	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	97	C20H42	282



Data File: p35602.d

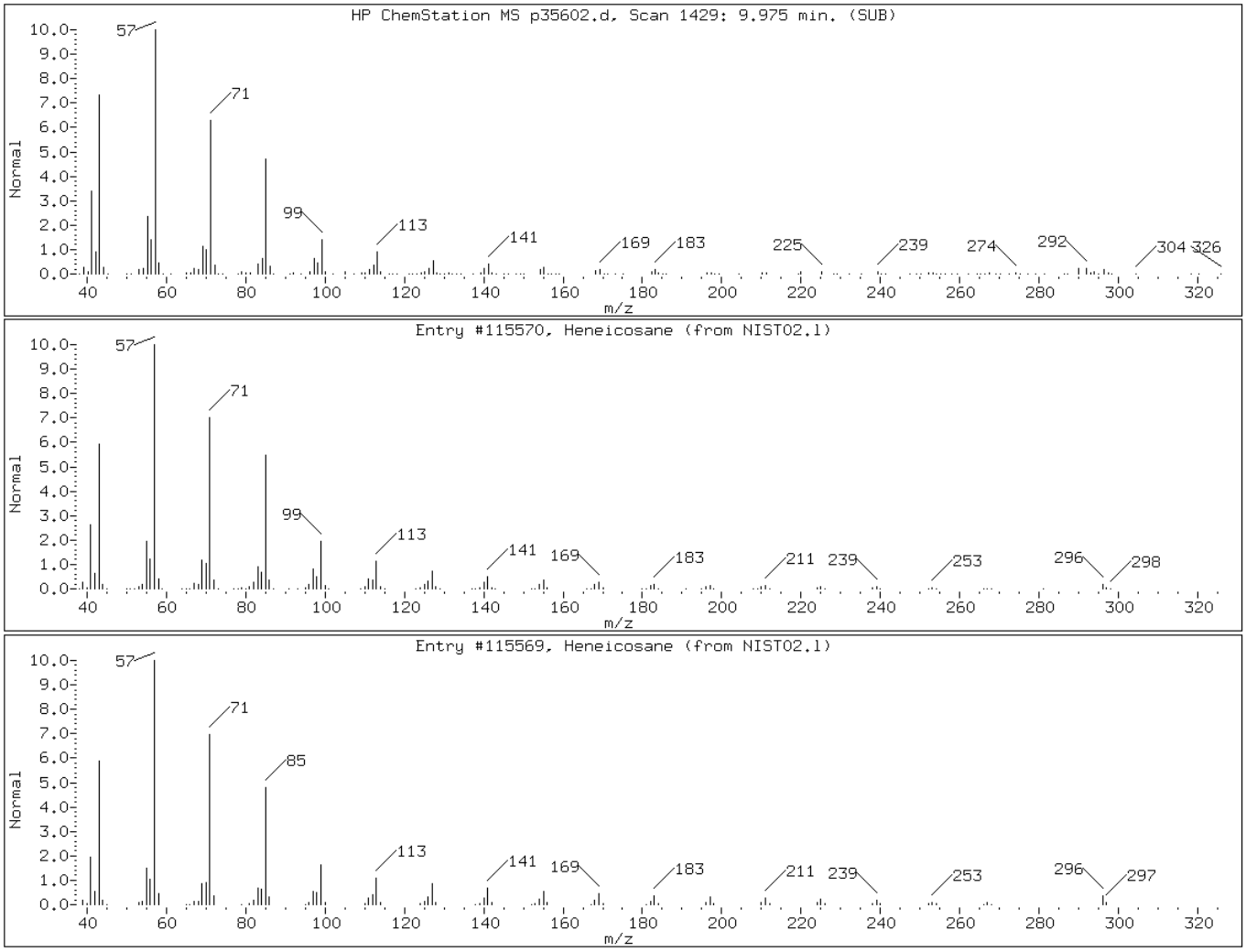
Date: 21-MAR-2013 02:56

Client ID: PMP-9-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-28-C Operator: BNAMS 4

Retention Time: 9.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Heneicosane	629-94-7	NIST02.l	115570	95	C21H44	296
Heneicosane	629-94-7	NIST02.l	115569	93	C21H44	296



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI | Lab Sample ID: 460-52450-29

Matrix: Solid | Lab File ID: p35603.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 03:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.2	U	37	4.2
95-50-1	1,2-Dichlorobenzene	43	U	370	43
541-73-1	1,3-Dichlorobenzene	34	U	370	34
106-46-7	1,4-Dichlorobenzene	42	U	370	42
121-14-2	2,4-Dinitrotoluene	12	U	76	12
606-20-2	2,6-Dinitrotoluene	11	U	76	11
91-58-7	2-Chloronaphthalene	42	U	370	42
91-57-6	2-Methylnaphthalene	48	U	370	48
88-74-4	2-Nitroaniline	160	U	760	160
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
99-09-2	3-Nitroaniline	130	U	760	130
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
106-47-8	4-Chloroaniline	99	U	370	99
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
83-32-9	Acenaphthene	54	U	370	54
208-96-8	Acenaphthylene	44	U	370	44
120-12-7	Anthracene	45	U	370	45
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
108-60-1	bis (2-chloroisopropyl) ether	41	U	370	41
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
86-74-8	Carbazole	44	U	370	44
218-01-9	Chrysene	44	U	370	44
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	44	U	370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI | Lab Sample ID: 460-52450-29

Matrix: Solid | Lab File ID: p35603.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 03:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	46	U	370	46
117-84-0	Di-n-octyl phthalate	24	U	370	24
206-44-0	Fluoranthene	50	U	370	50
86-73-7	Fluorene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
87-68-3	Hexachlorobutadiene	9.1	U	76	9.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
67-72-1	Hexachloroethane	4.2	U	37	4.2
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
78-59-1	Isophorone	45	U	370	45
91-20-3	Naphthalene	43	U	370	43
98-95-3	Nitrobenzene	5.3	U	37	5.3
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-01-8	Phenanthrene	110	J	370	48
129-00-0	Pyrene	31	J	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	82		40-109
4165-60-0	Nitrobenzene-d5	82		38-105
1718-51-0	Terphenyl-d14	72		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI | Lab Sample ID: 460-52450-29

Matrix: Solid | Lab File ID: p35603.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 03:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 68100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	7.87	3200	J
	Unknown Alkane-3	8.09	2700	J
	Unknown Alkane-5	8.34	20000	J
	Unknown Alkane-6	8.52	2200	J
	Unknown Alkane-7	8.56	1100	J
	Unknown Alkane-9	8.65	1800	J
593-45-3	n-Octadecane	8.78	8000	
	Unknown Alkane-10	8.81	6200	J
	Unknown Alkane-12	9.15	1300	J
	Unknown Alkane-13	9.20	8600	J
	Trichloro-1,1-biphenyl isomer-2	9.23	2300	J
	Tetrachloro-1,1-biphenyl isomer-1	9.50	1500	J
	Unknown Alkane-14	9.59	4700	J
	Unknown Alkane-15	9.98	3000	J
	Unknown Alkane-16	10.35	1500	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35603.d
Report Date: 22-Mar-2013 11:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35603.d
Lab Smp Id: 460-52450-F-29-E Client Smp ID: PMP-9-NE-SI
Inj Date : 21-MAR-2013 03:21
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-29-E
Misc Info : 460-52450-F-29-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 26
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	15.02000	Weight of sample extracted (g)
M	11.57324	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.130	3.101	(0.714)	1580811	70.2021	5300
$ 17 Phenol-d5 (SUR)	99	4.017	4.035	(0.917)	1810915	70.1599	5300
* 79 1,4-Dichlorobenzene-d4	152	4.382	4.394	(1.000)	664167	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.934	4.958	(0.870)	872480	40.7677	3100
* 80 Naphthalene-d8	136	5.668	5.675	(1.000)	2013960	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.910)	1413184	40.7520	3100
* 82 Acenaphthene-d10	164	7.419	7.425	(1.000)	1022335	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.105)	309647	72.8540	5500
115 n-Octadecane	57	8.783	8.777	(0.988)	1760855	106.822	8000
* 83 Phenanthrene-d10	188	8.888	8.888	(1.000)	1007610	40.0000	
52 Phenanthrene	178	8.912	8.912	(1.003)	38434	1.39942	100(a)
57 Pyrene	202	10.304	10.305	(0.883)	10670	0.40643	31(a)
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	659409	36.0692	2700

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35603.d
Report Date: 22-Mar-2013 11:20

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	577428	40.0000	
* 84 Perylene-d12	264	13.606	13.607	(1.000)	523431	40.0000	

QC Flag Legend

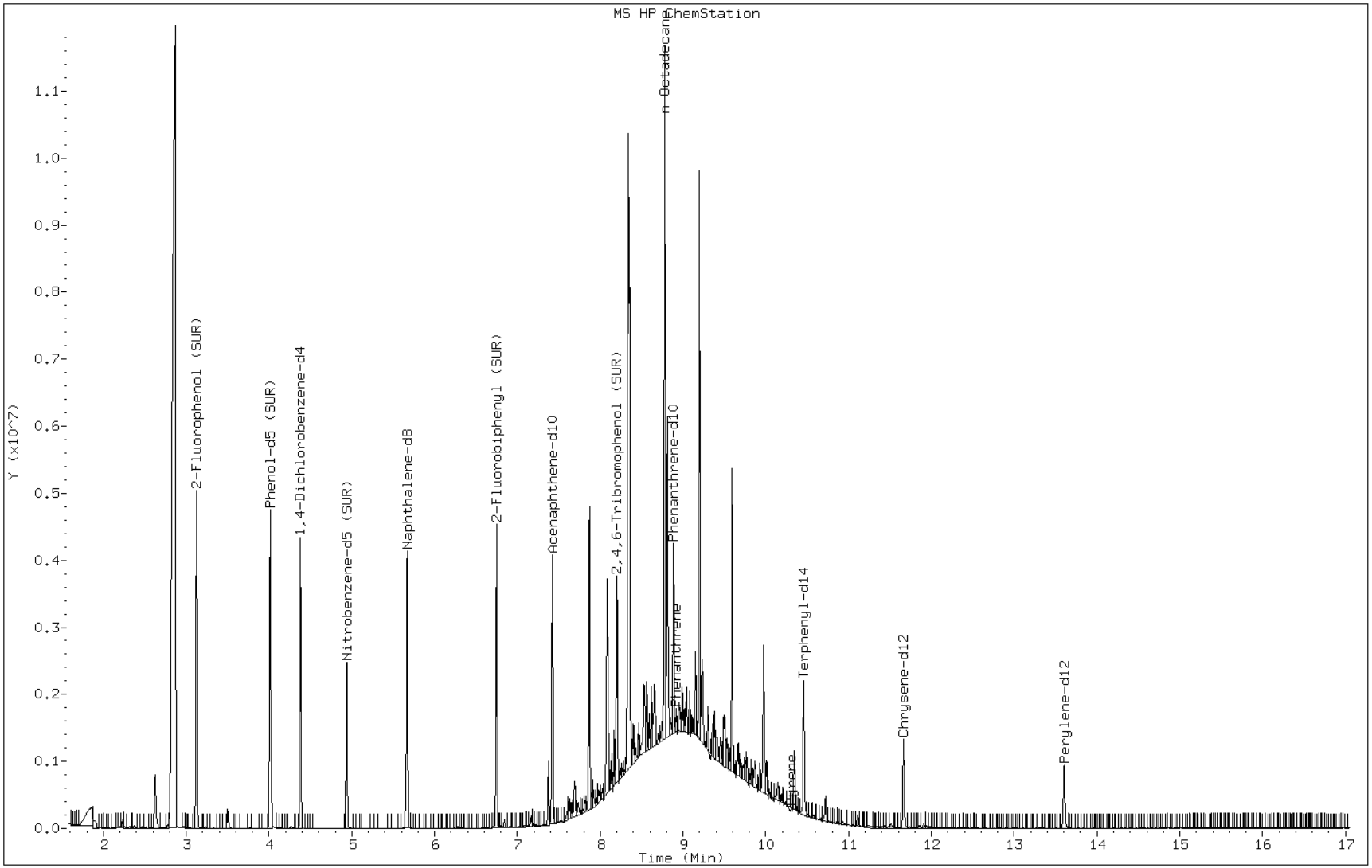
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35603.d

Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4



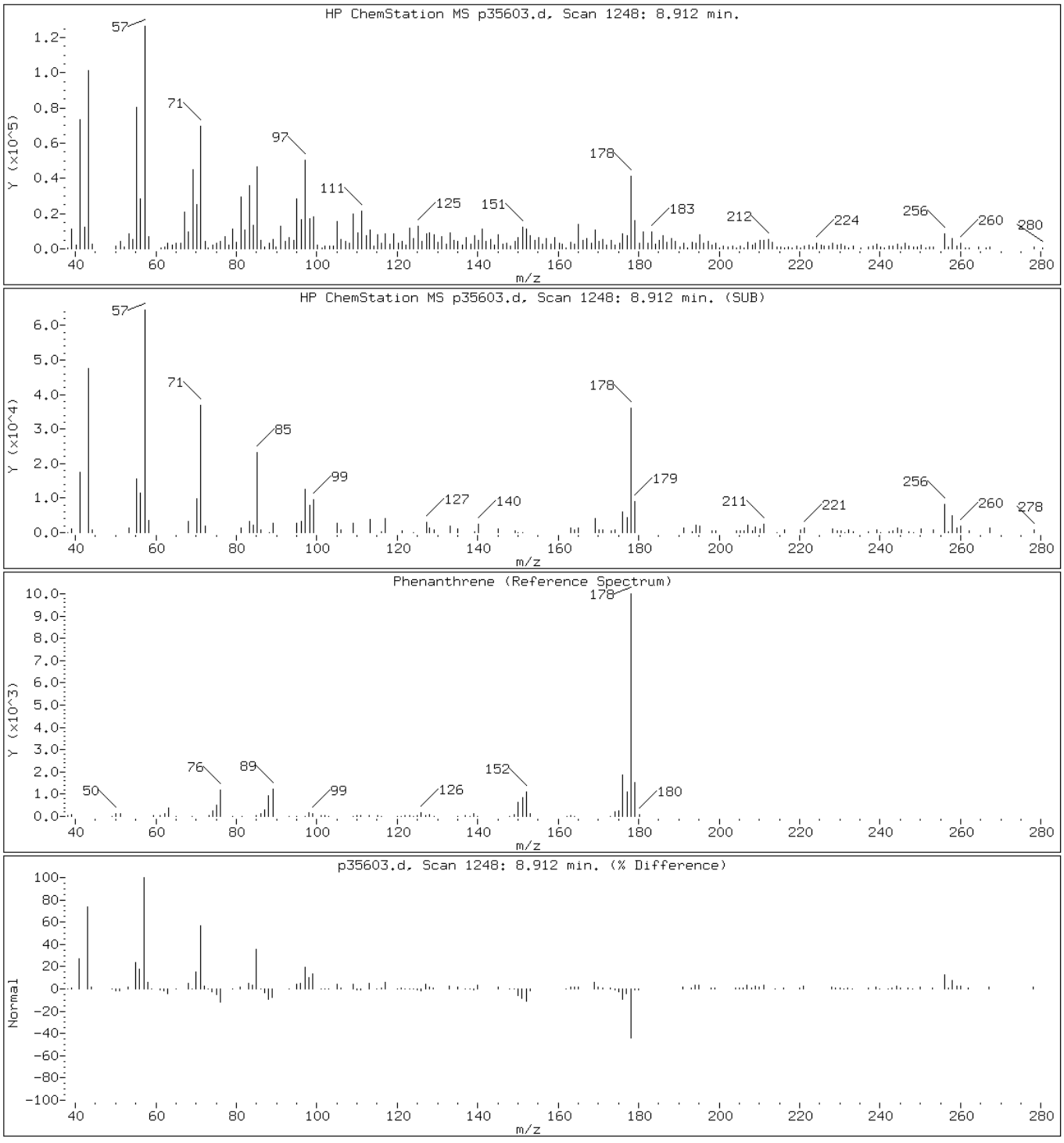
Data File: p35603.d

Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

52 Phenanthrene



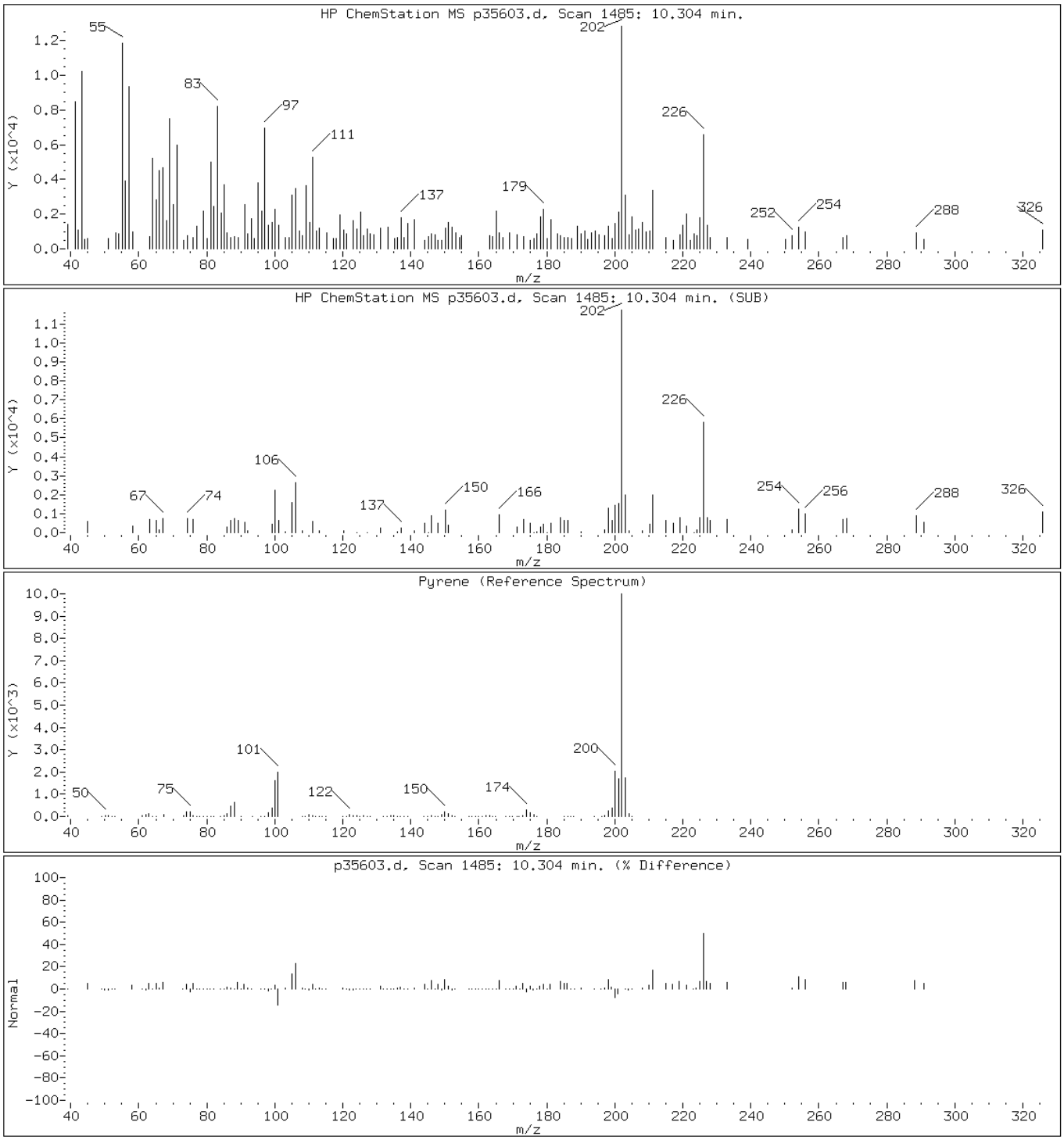
Data File: p35603.d

Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

57 Pyrene



Data File: p35603.d

Date: 21-MAR-2013 03:21

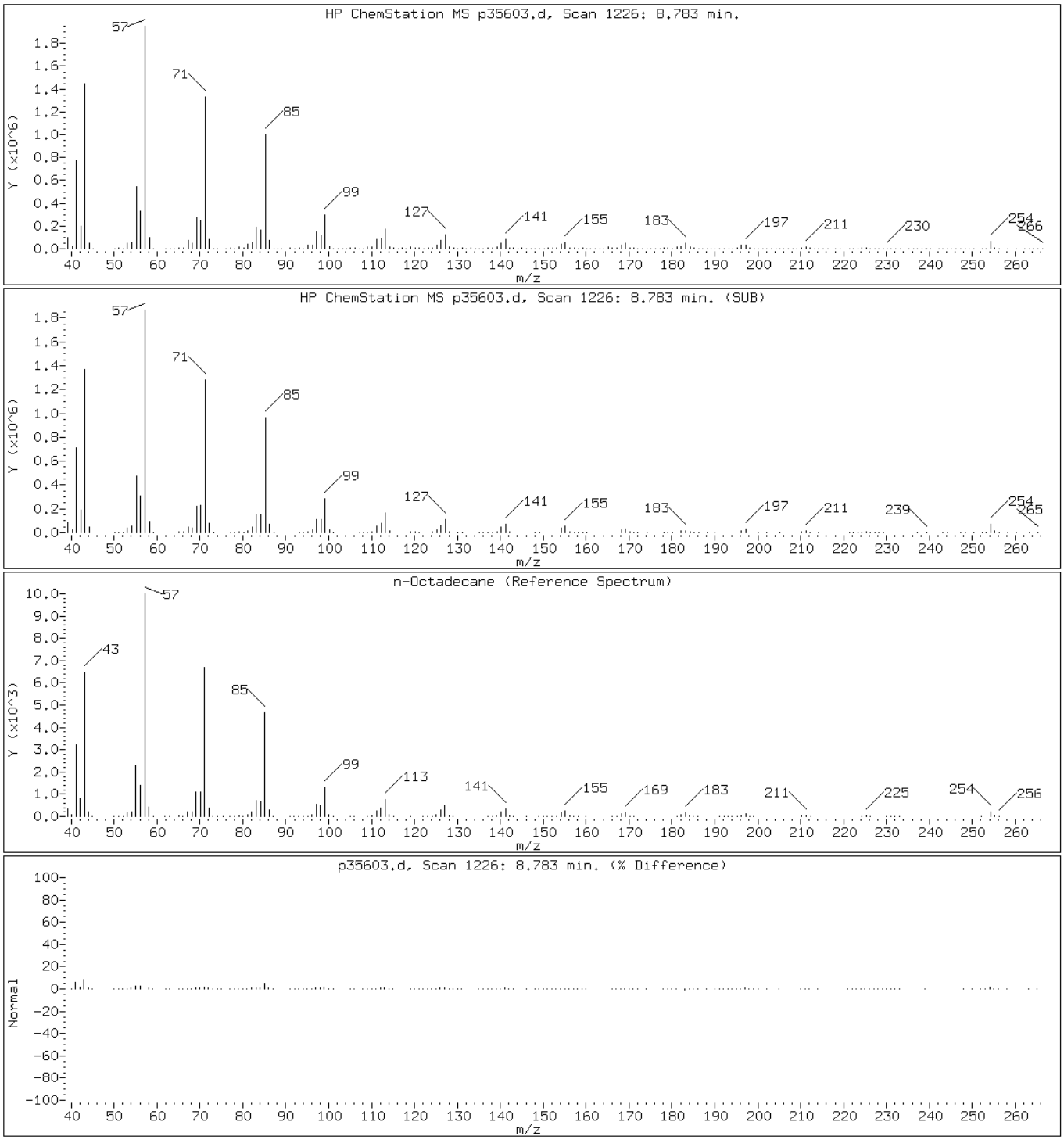
Client ID: PMP-9-NE-SI

Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E

Operator: BNAMS 4

115 n-Octadecane



Data File: p35603.d

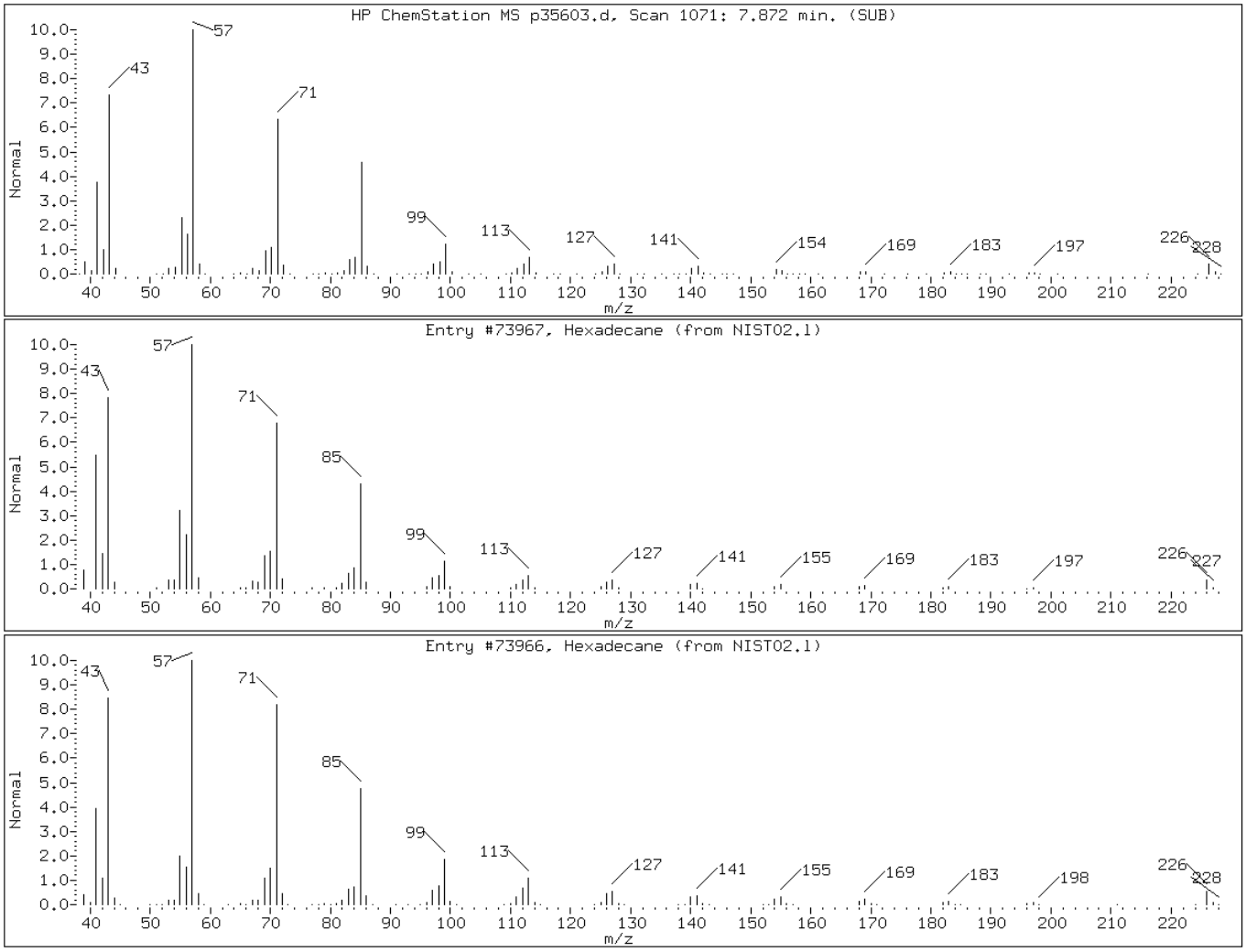
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 7.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Hexadecane	544-76-3	NIST02.l	73967	99	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	96	C16H34	226



Data File: p35603.d

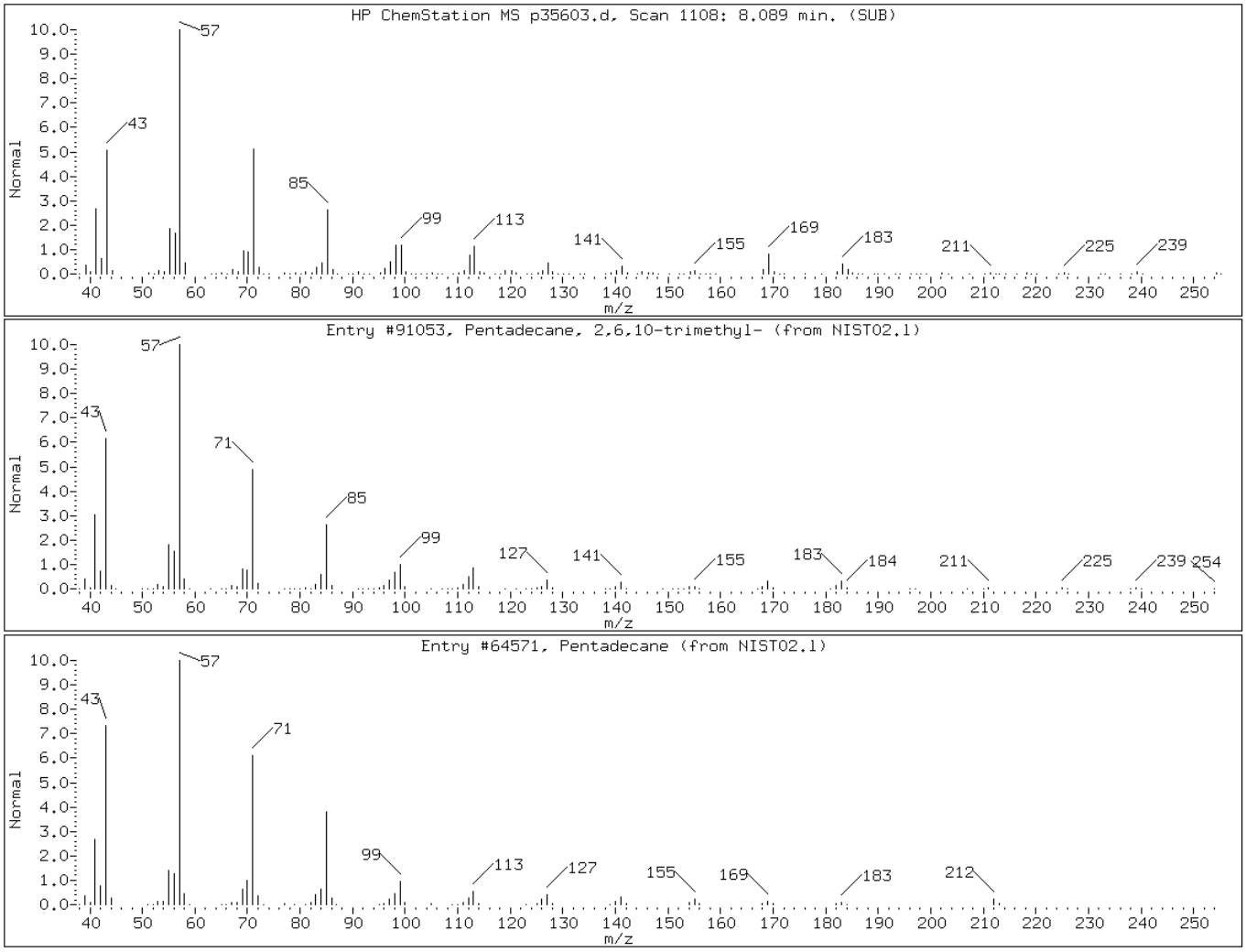
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	94	C18H38	254
Pentadecane	629-62-9	NIST02.l	64571	72	C15H32	212



Data File: p35603.d

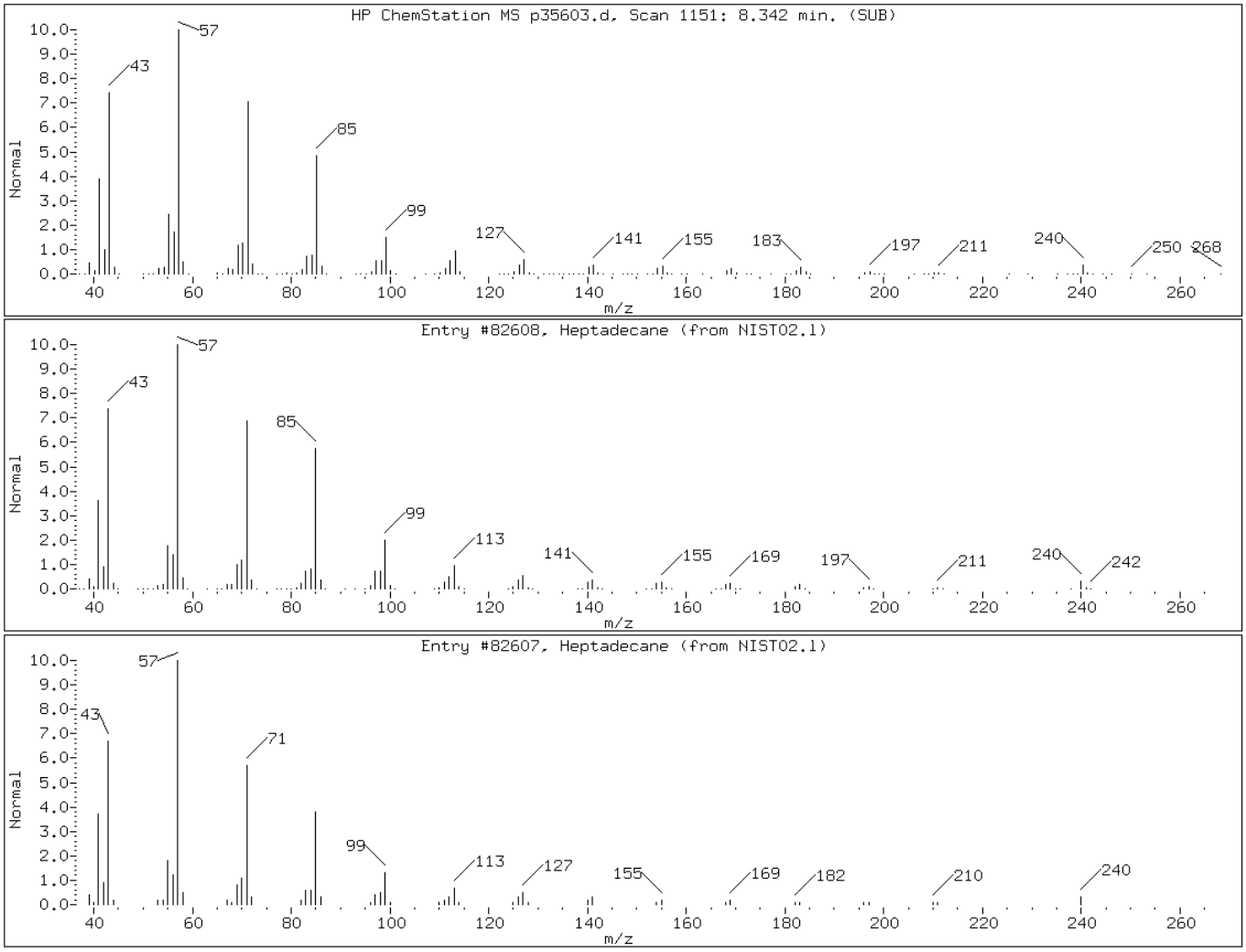
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 8.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	98	C17H36	240



Data File: p35603.d

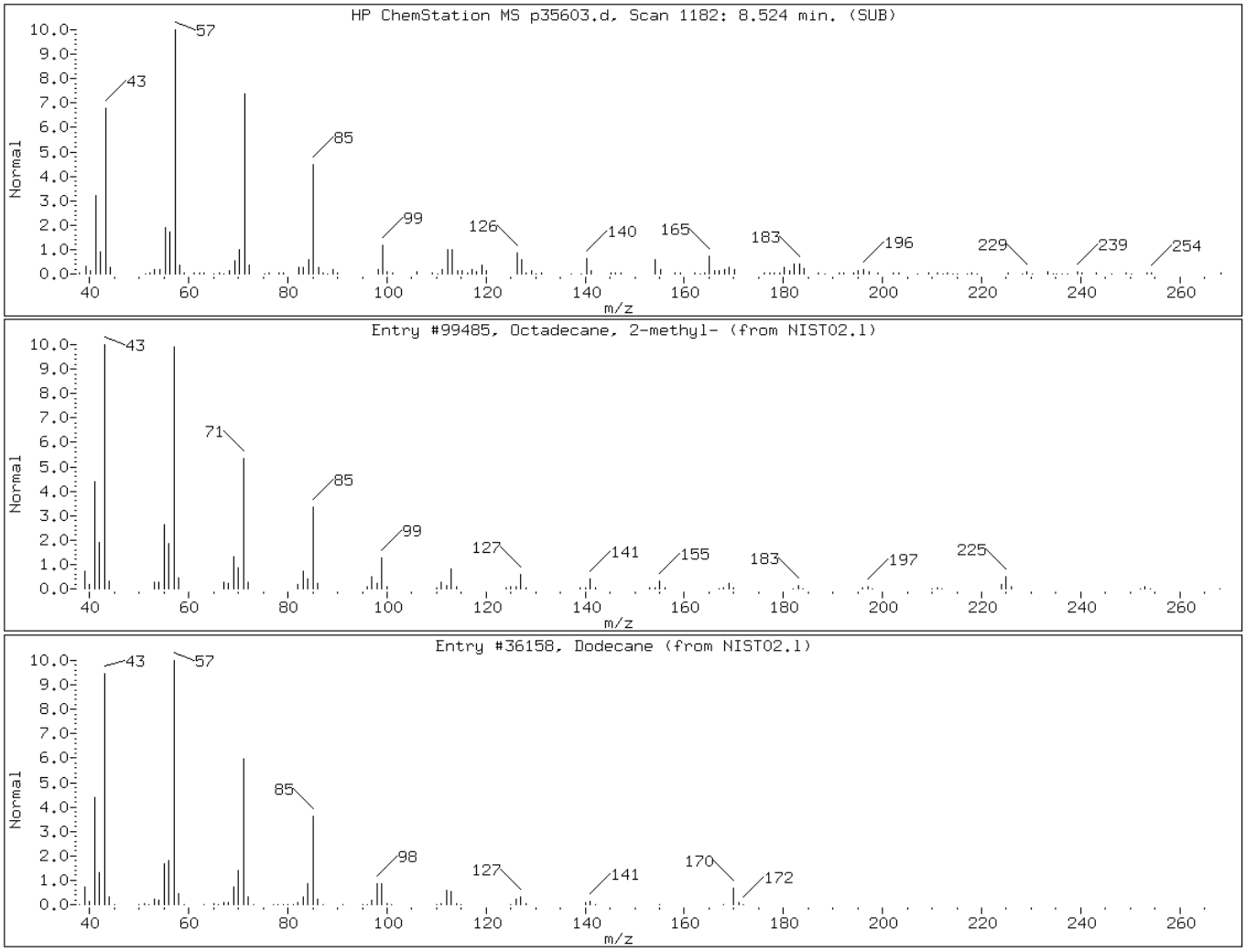
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 8.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Octadecane, 2-methyl-	1560-88-9	NIST02.l	99485	87	C19H40	268
Dodecane	112-40-3	NIST02.l	36158	87	C12H26	170



Data File: p35603.d

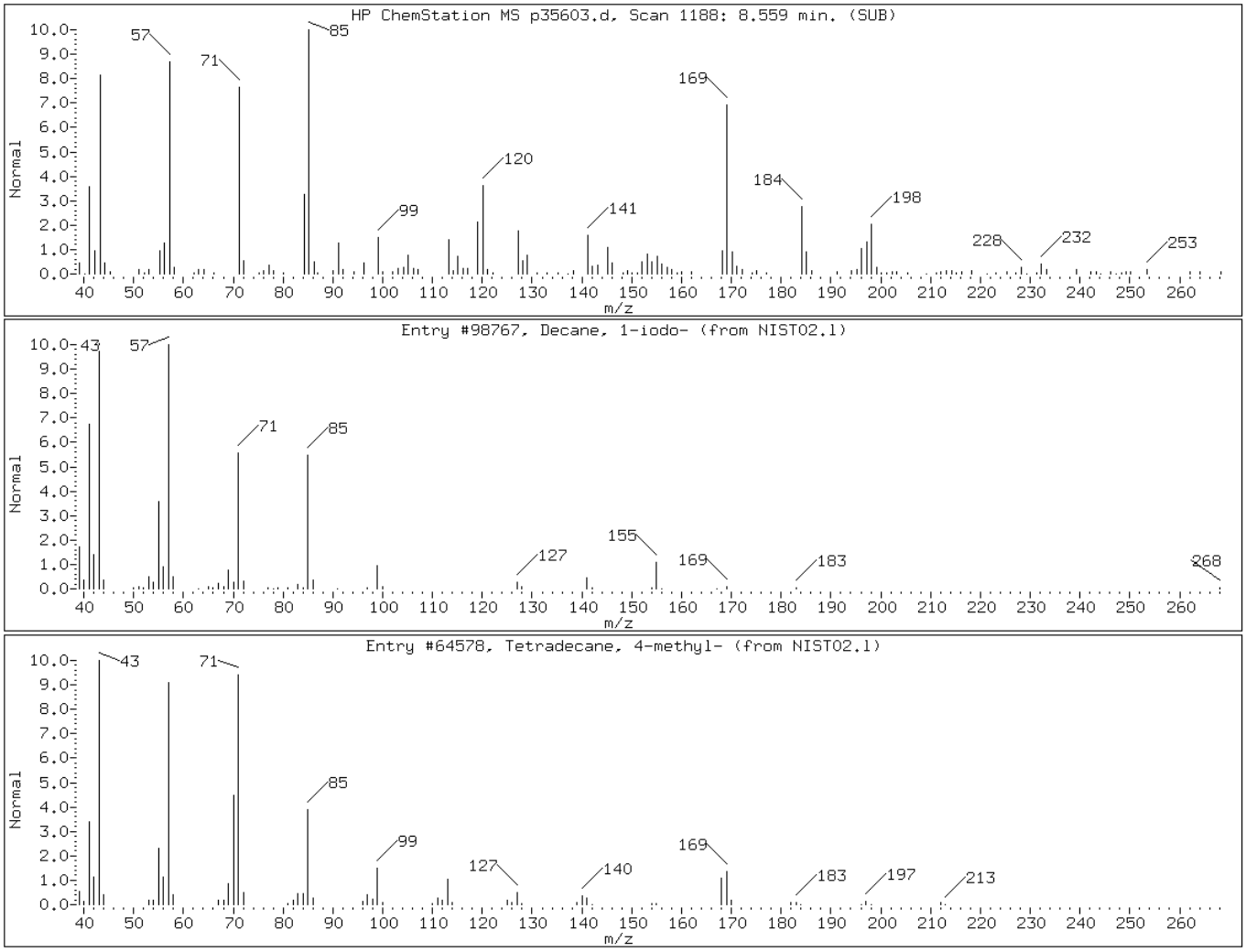
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 8.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Decane, 1-iodo-	2050-77-3	NIST02.l	98767	43	C10H21I	268
Tetradecane, 4-methyl-	25117-24-2	NIST02.l	64578	38	C15H32	212



Data File: p35603.d

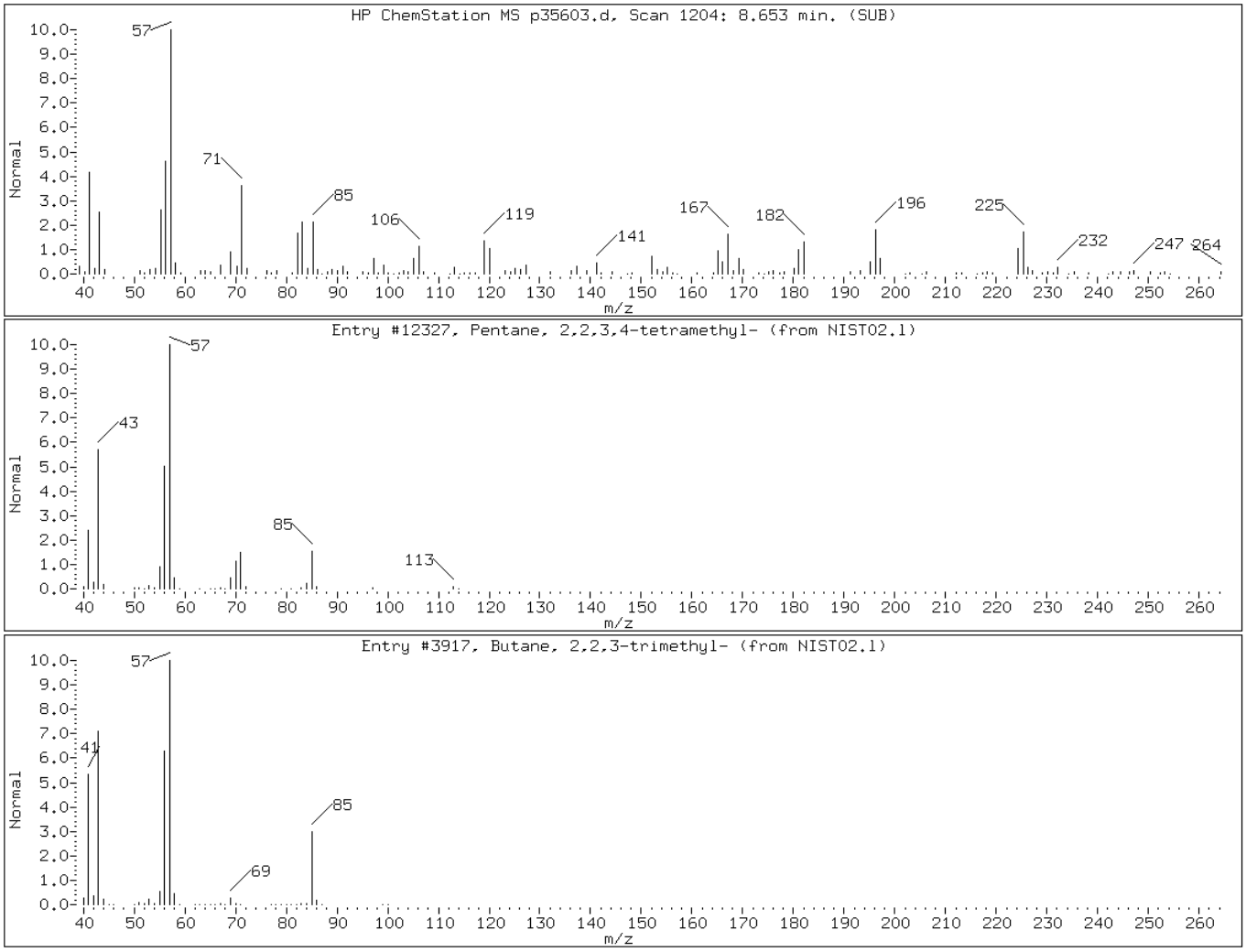
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 8.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentane, 2,2,3,4-tetramethyl-	1186-53-4	NIST02.l	12327	27	C9H20	128
Butane, 2,2,3-trimethyl-	464-06-2	NIST02.l	3917	27	C7H16	100



Data File: p35603.d

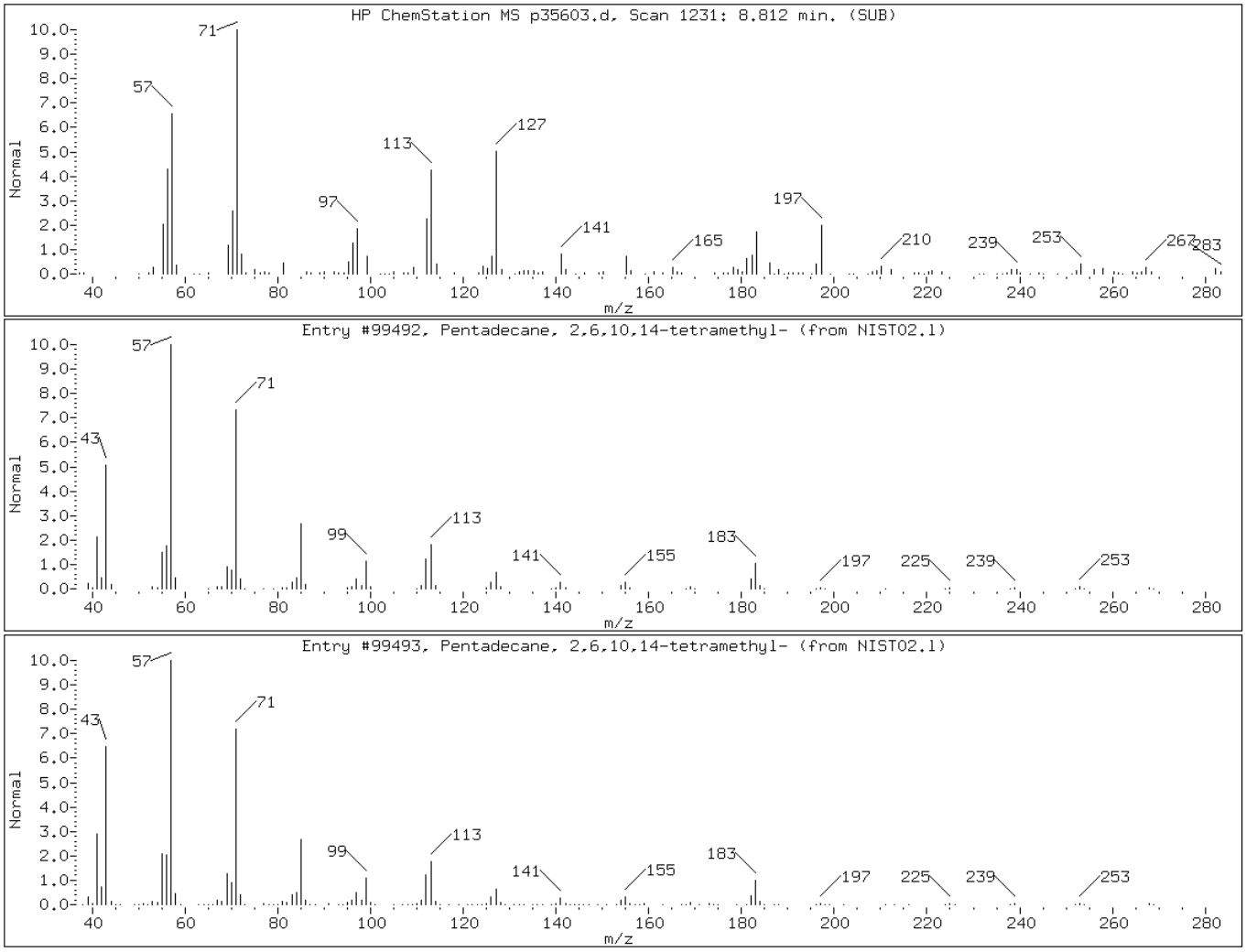
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 8.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	53	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	49	C19H40	268



Data File: p35603.d

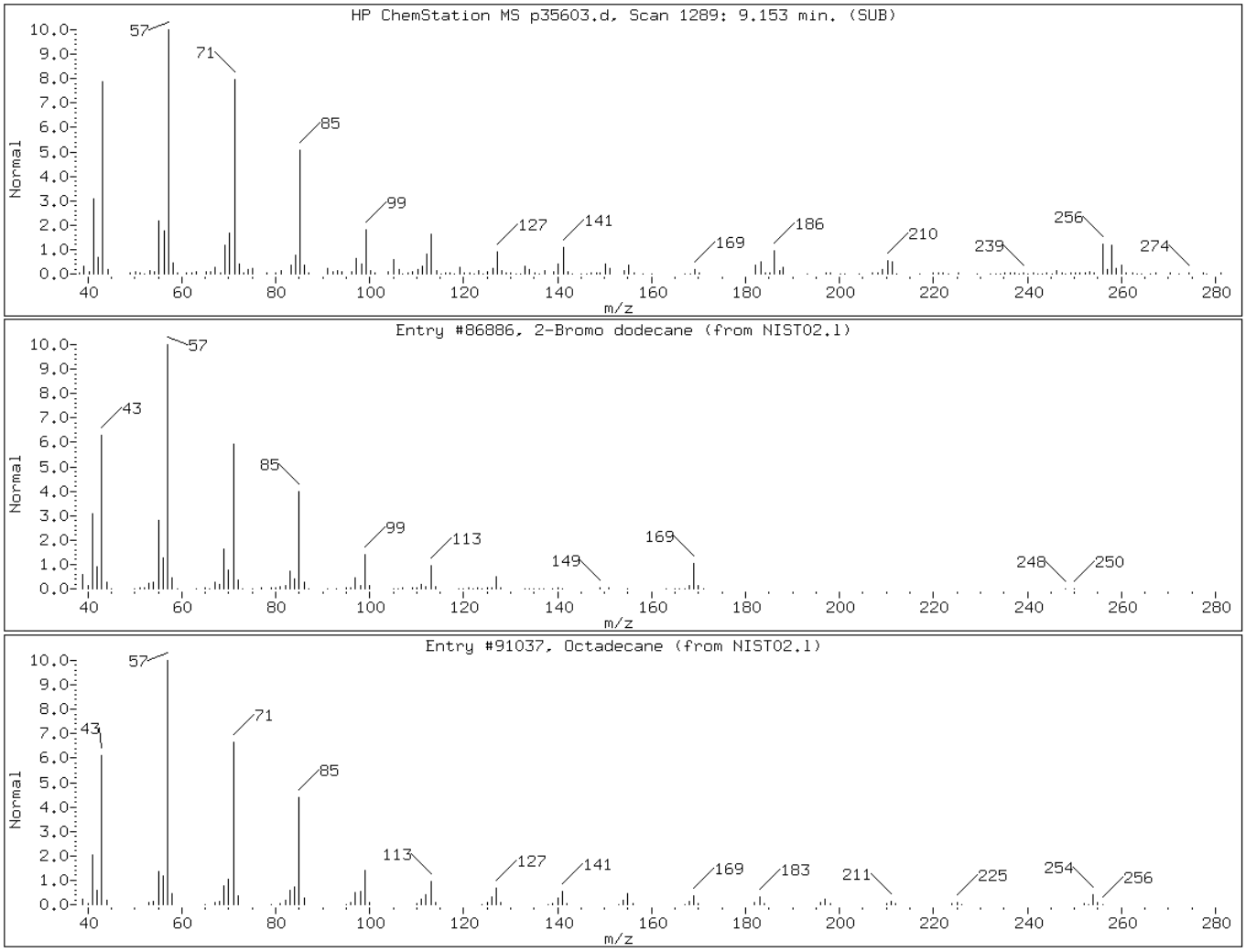
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
2-Bromo dodecane	13187-99-0	NIST02.l	86886	86	C12H25Br	248
Octadecane	593-45-3	NIST02.l	91037	76	C18H38	254



Data File: p35603.d

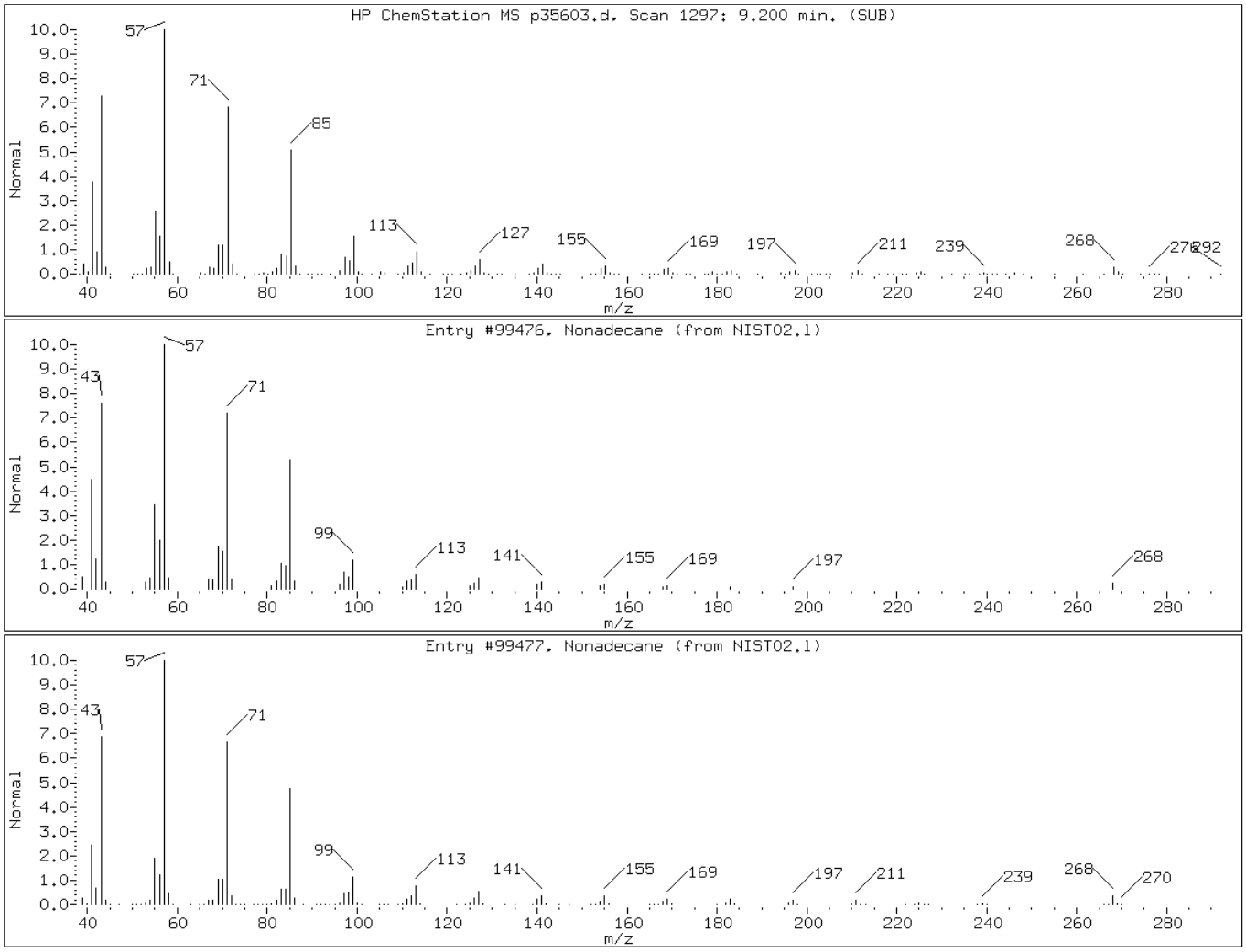
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 9.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Nonadecane	629-92-5	NIST02.l	99476	99	C19H40	268
Nonadecane	629-92-5	NIST02.l	99477	95	C19H40	268



Data File: p35603.d

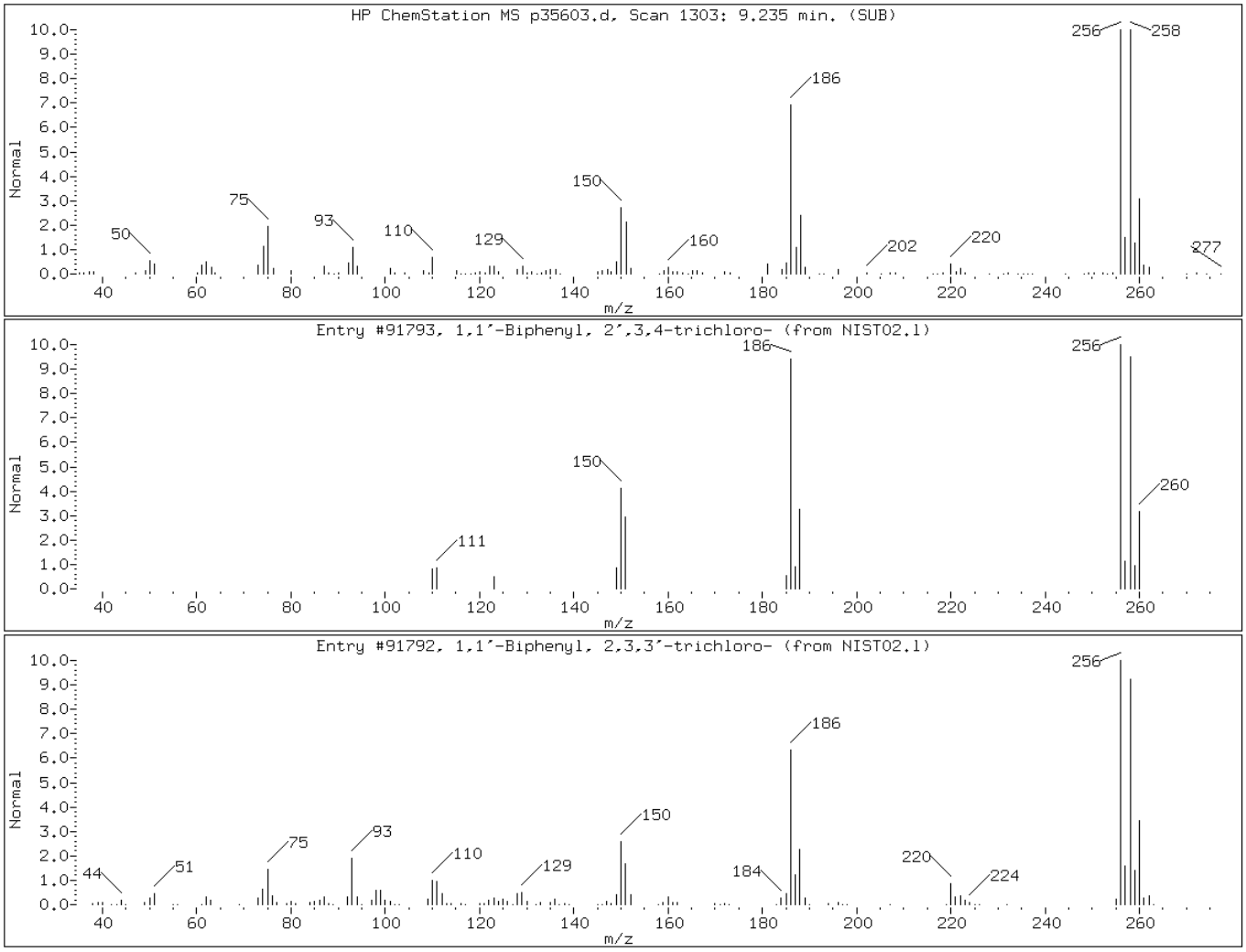
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 9.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	95	C12H7Cl3	256



Data File: p35603.d

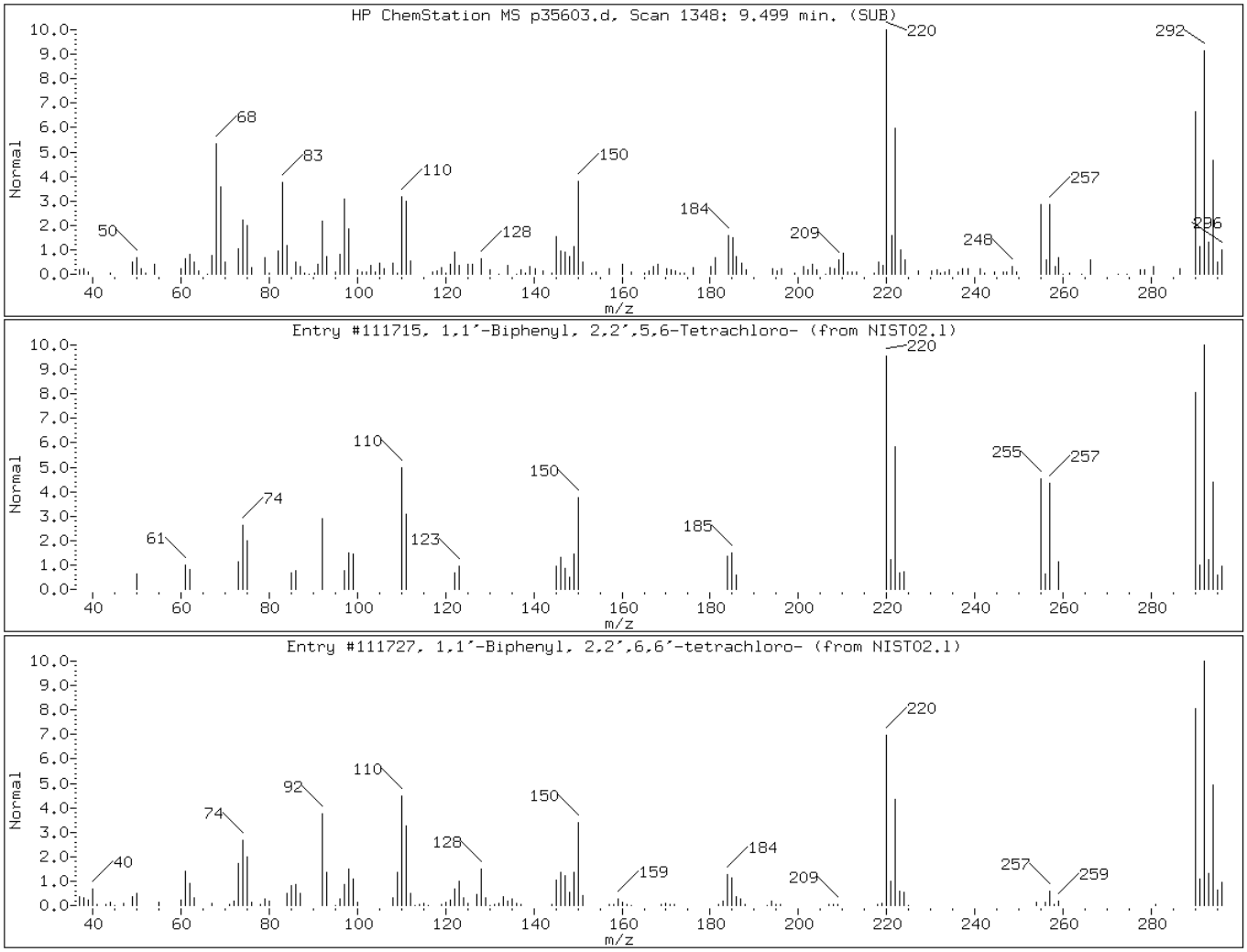
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 9.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	98	C12H6Cl4	290



Data File: p35603.d

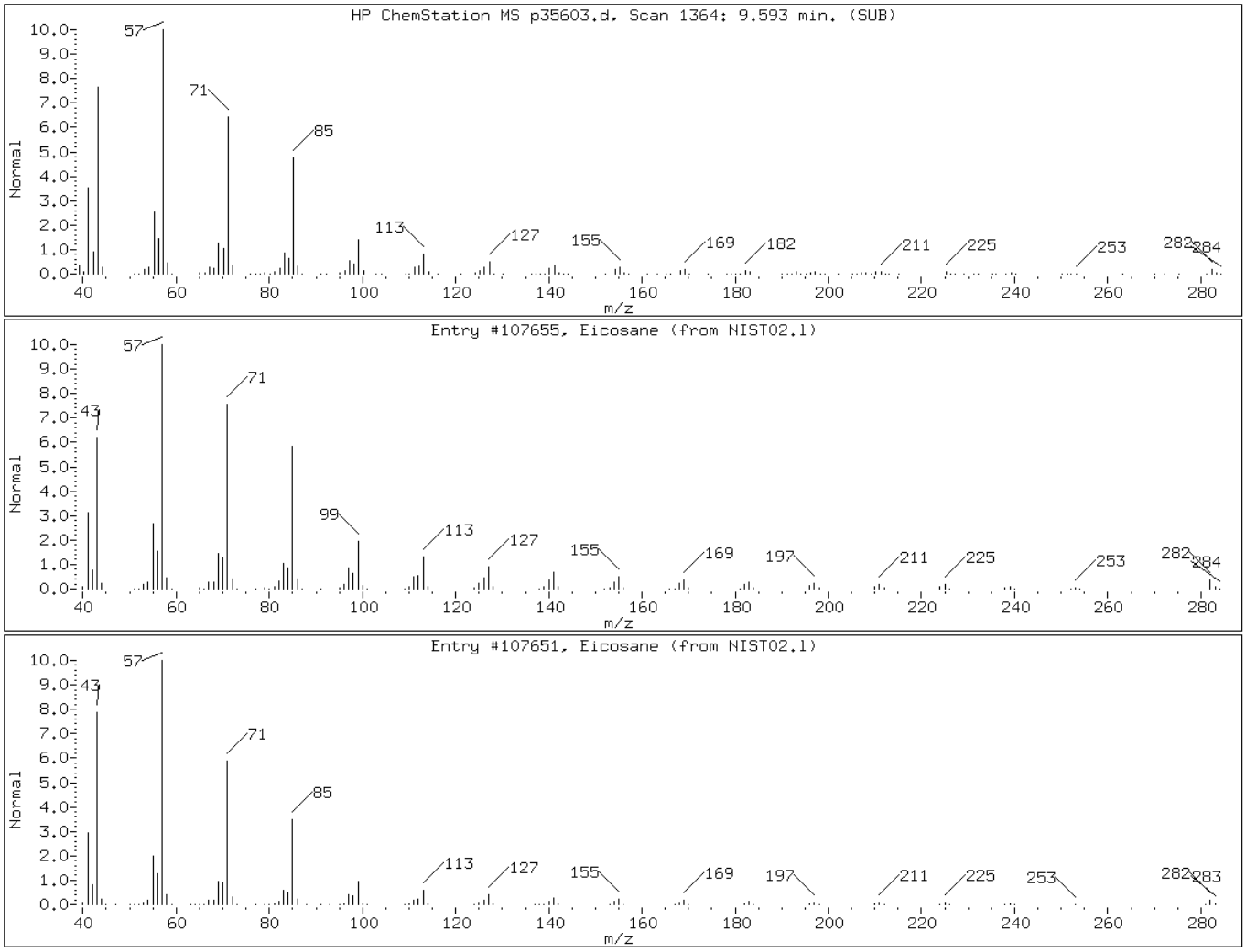
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 9.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Eicosane	112-95-8	NIST02.l	107655	97	C20H42	282
Eicosane	112-95-8	NIST02.l	107651	96	C20H42	282



Data File: p35603.d

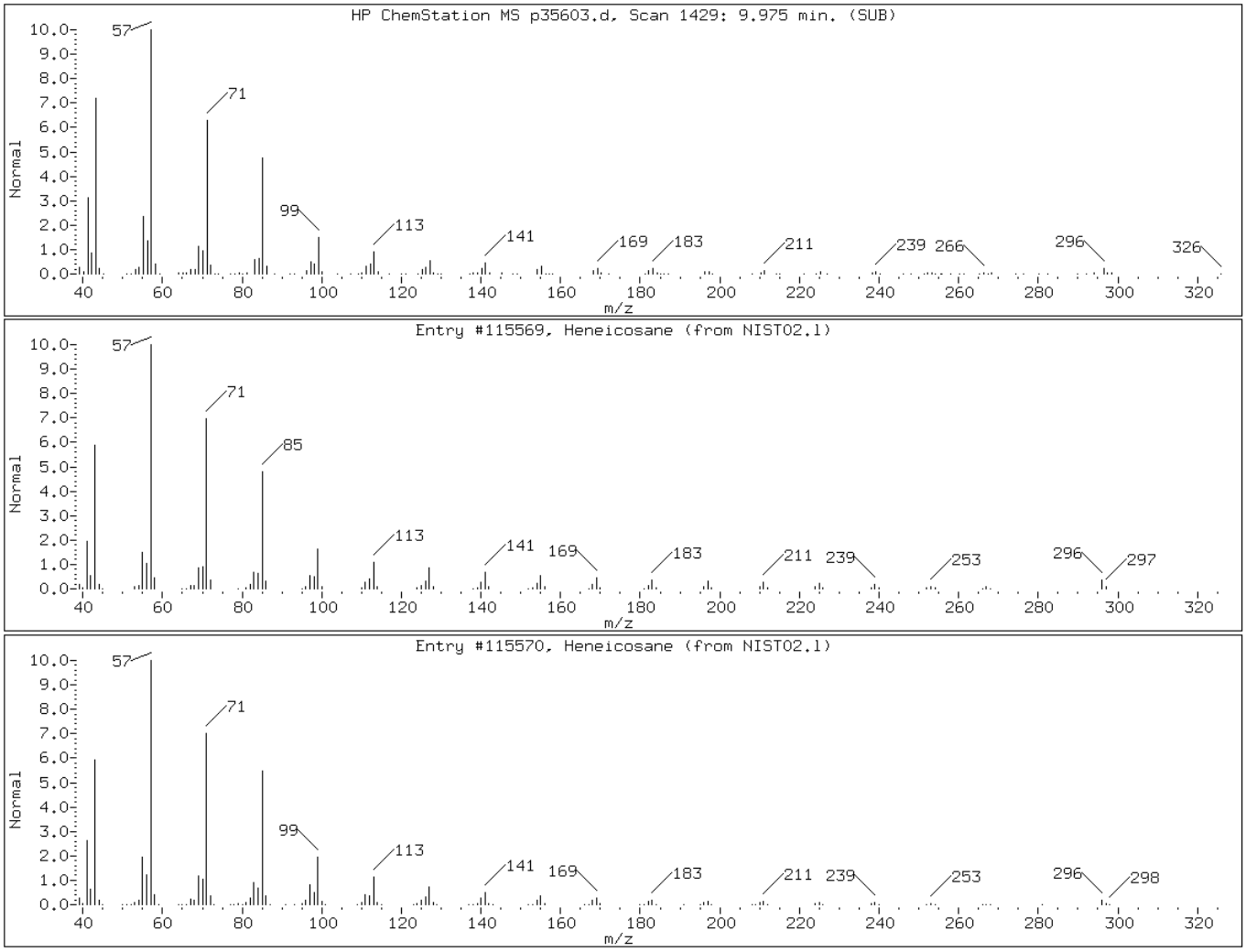
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 9.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Heneicosane	629-94-7	NIST02.l	115569	98	C21H44	296
Heneicosane	629-94-7	NIST02.l	115570	97	C21H44	296



Data File: p35603.d

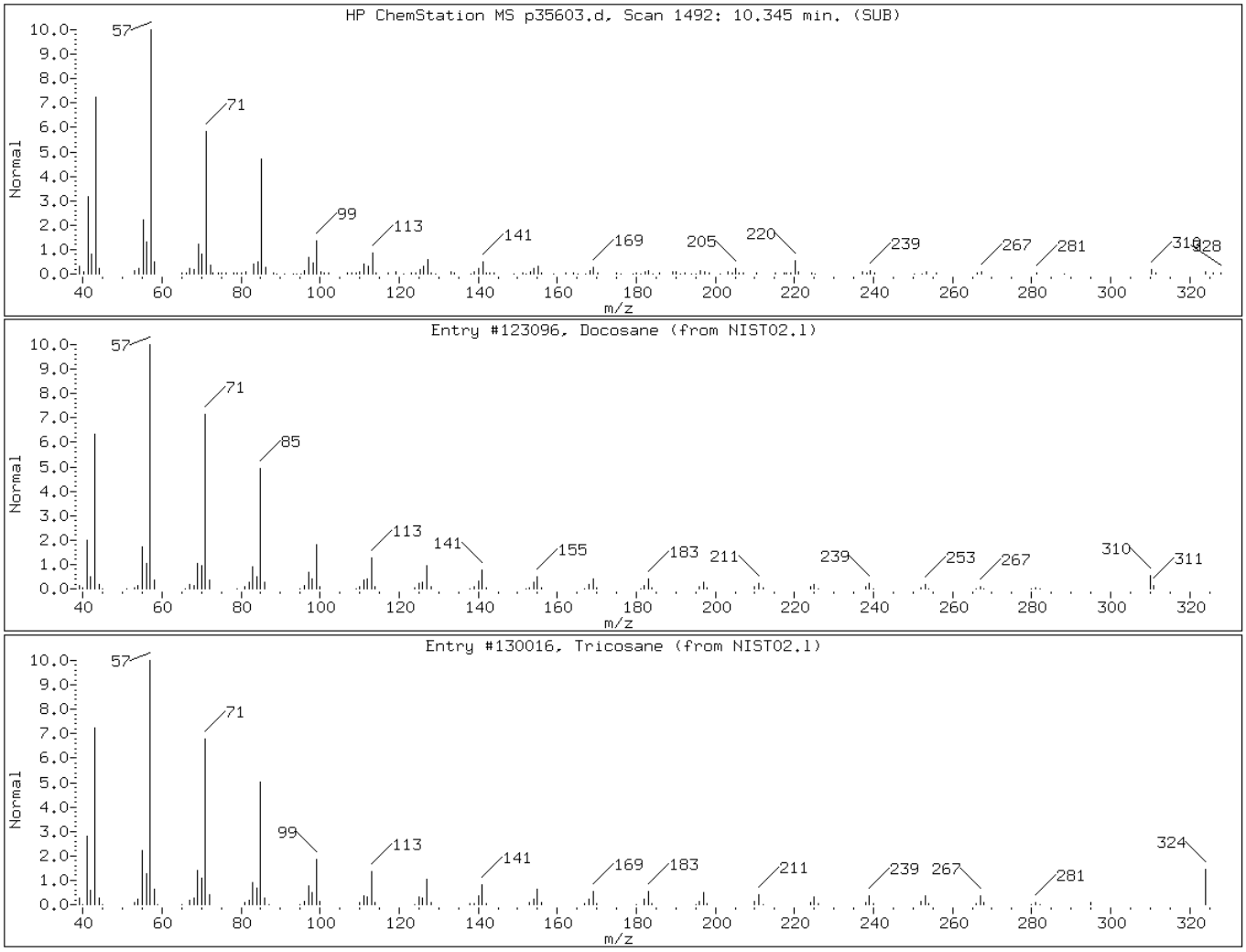
Date: 21-MAR-2013 03:21

Client ID: PMP-9-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-29-E Operator: BNAMS 4

Retention Time: 10.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Docosane	629-97-0	NIST02.l	123096	97	C22H46	310
Tricosane	638-67-5	NIST02.l	130016	95	C23H48	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD | Lab Sample ID: 460-52450-30

Matrix: Solid | Lab File ID: p35644.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 21:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.9	U	35	3.9
95-50-1	1,2-Dichlorobenzene	40	U	350	40
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	39	U	350	39
121-14-2	2,4-Dinitrotoluene	11	U	70	11
606-20-2	2,6-Dinitrotoluene	10	U	70	10
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	140	U	700	140
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
99-09-2	3-Nitroaniline	120	U	700	120
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
106-47-8	4-Chloroaniline	92	U	350	92
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	41	U	350	41
120-12-7	Anthracene	42	U	350	42
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	350	38
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	41	U	350	41
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
131-11-3	Dimethyl phthalate	41	U	350	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD | Lab Sample ID: 460-52450-30

Matrix: Solid | Lab File ID: p35644.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 21:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	46	U	350	46
86-73-7	Fluorene	44	U	350	44
118-74-1	Hexachlorobenzene	4.7	U	35	4.7
87-68-3	Hexachlorobutadiene	8.5	U	70	8.5
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	42	U	350	42
91-20-3	Naphthalene	40	U	350	40
98-95-3	Nitrobenzene	4.9	U	35	4.9
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-01-8	Phenanthrene	44	U	350	44
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	86		40-109
4165-60-0	Nitrobenzene-d5	86		38-105
1718-51-0	Terphenyl-d14	83		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD | Lab Sample ID: 460-52450-30

Matrix: Solid | Lab File ID: p35644.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 21:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 1590

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.82	300	J
	Unknown Alkane-2	8.29	990	J
	Unknown Alkane-3	8.76	300	J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35644.d
Report Date: 22-Mar-2013 14:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35644.d
Lab Smp Id: 460-52450-F-30-C Client Smp ID: PMP-13-NE-VD
Inj Date : 21-MAR-2013 21:56
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-30-C
Misc Info : 460-52450-F-30-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/8270C_11.m
Meth Date : 21-Mar-2013 19:30 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 11
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	15.04000	Weight of sample extracted (g)
M	5.06108	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.098	3.069	(0.713)	2158839	82.1493	5800
$ 17 Phenol-d5 (SUR)	99	3.985	4.003	(0.917)	2424939	80.5017	5600
* 79 1,4-Dichlorobenzene-d4	152	4.344	4.355	(1.000)	775111	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.896	4.919	(0.870)	1135708	42.8877	3000
* 80 Naphthalene-d8	136	5.625	5.636	(1.000)	2491983	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.706	6.717	(0.908)	1767082	42.8341	3000
* 82 Acenaphthene-d10	164	7.381	7.387	(1.000)	1216217	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.157	8.163	(1.105)	395385	78.1968	5500
115 n-Octadecane	57	8.727	8.738	(0.987)	59198	2.75263	190(a)
* 83 Phenanthrene-d10	188	8.838	8.844	(1.000)	1314585	40.0000	
$ 78 Terphenyl-d14	244	10.413	10.413	(0.897)	851102	41.5458	2900
* 81 Chrysene-d12	240	11.612	11.618	(1.000)	647045	40.0000	
* 84 Perylene-d12	264	13.539	13.539	(1.000)	513949	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35644.d
Report Date: 22-Mar-2013 14:09

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p35644.d

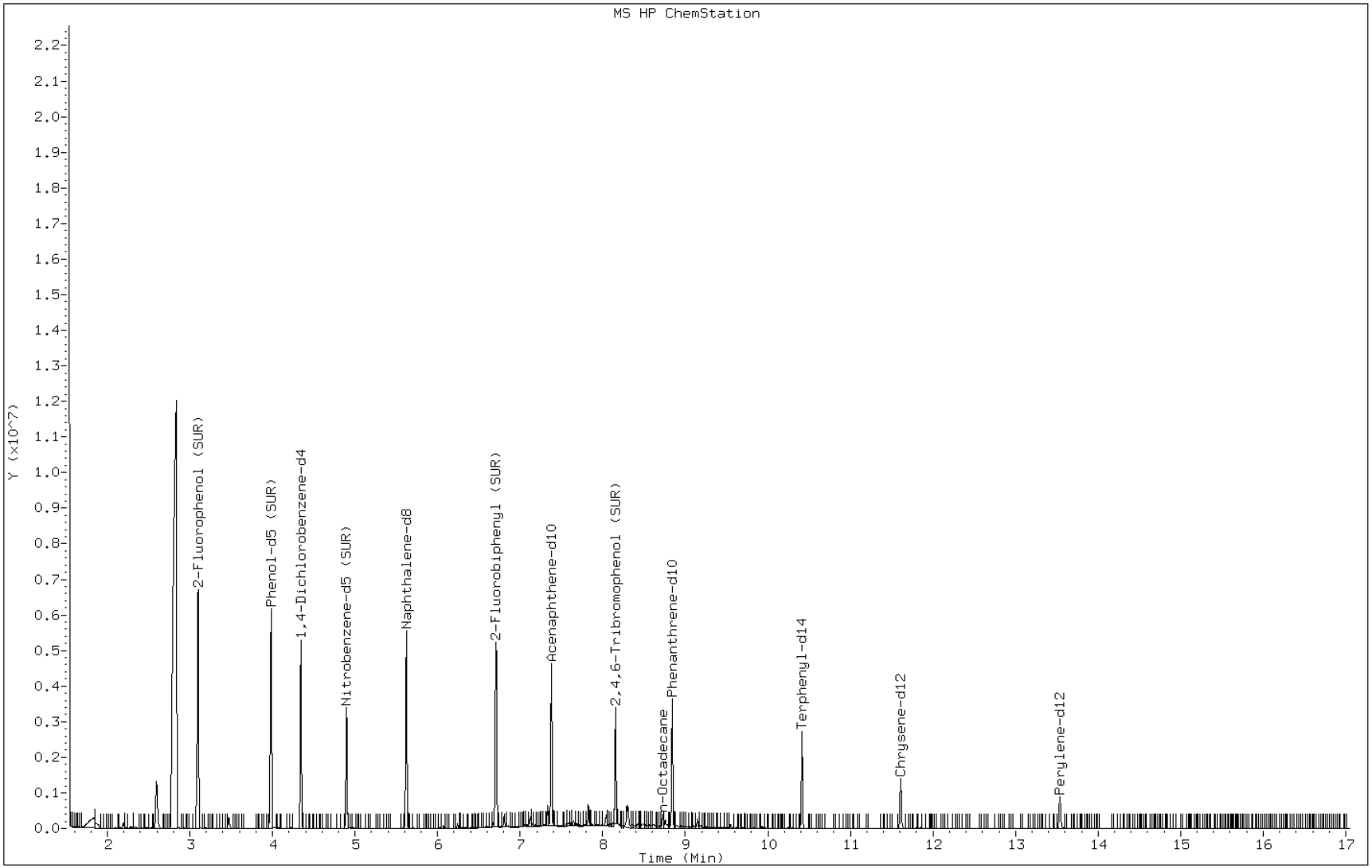
Date: 21-MAR-2013 21:56

Client ID: PMP-13-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-30-C

Operator: BNAMS 4



Data File: p35644.d

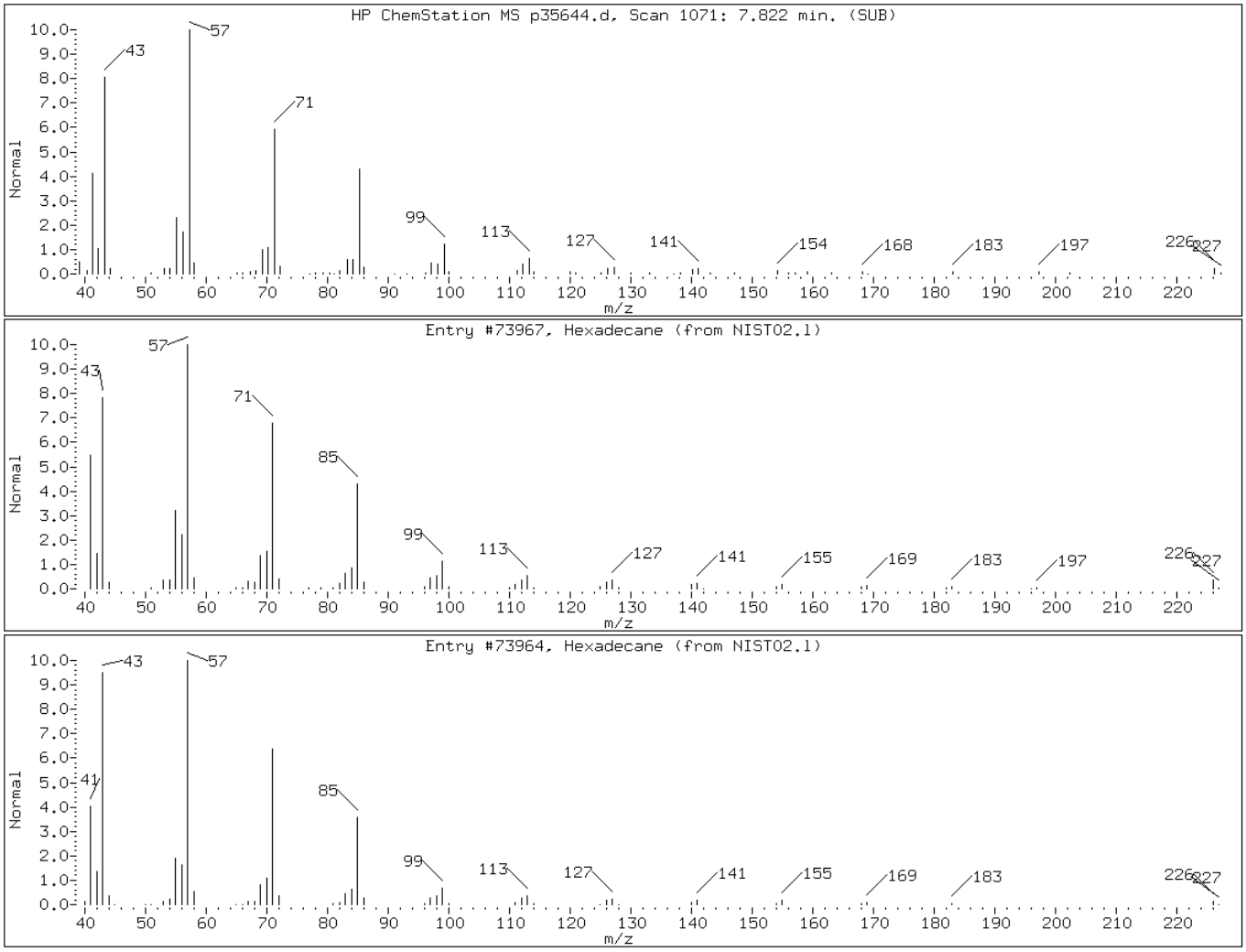
Date: 21-MAR-2013 21:56

Client ID: PMP-13-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-30-C Operator: BNAMS 4

Retention Time: 7.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73967	95	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226



Data File: p35644.d

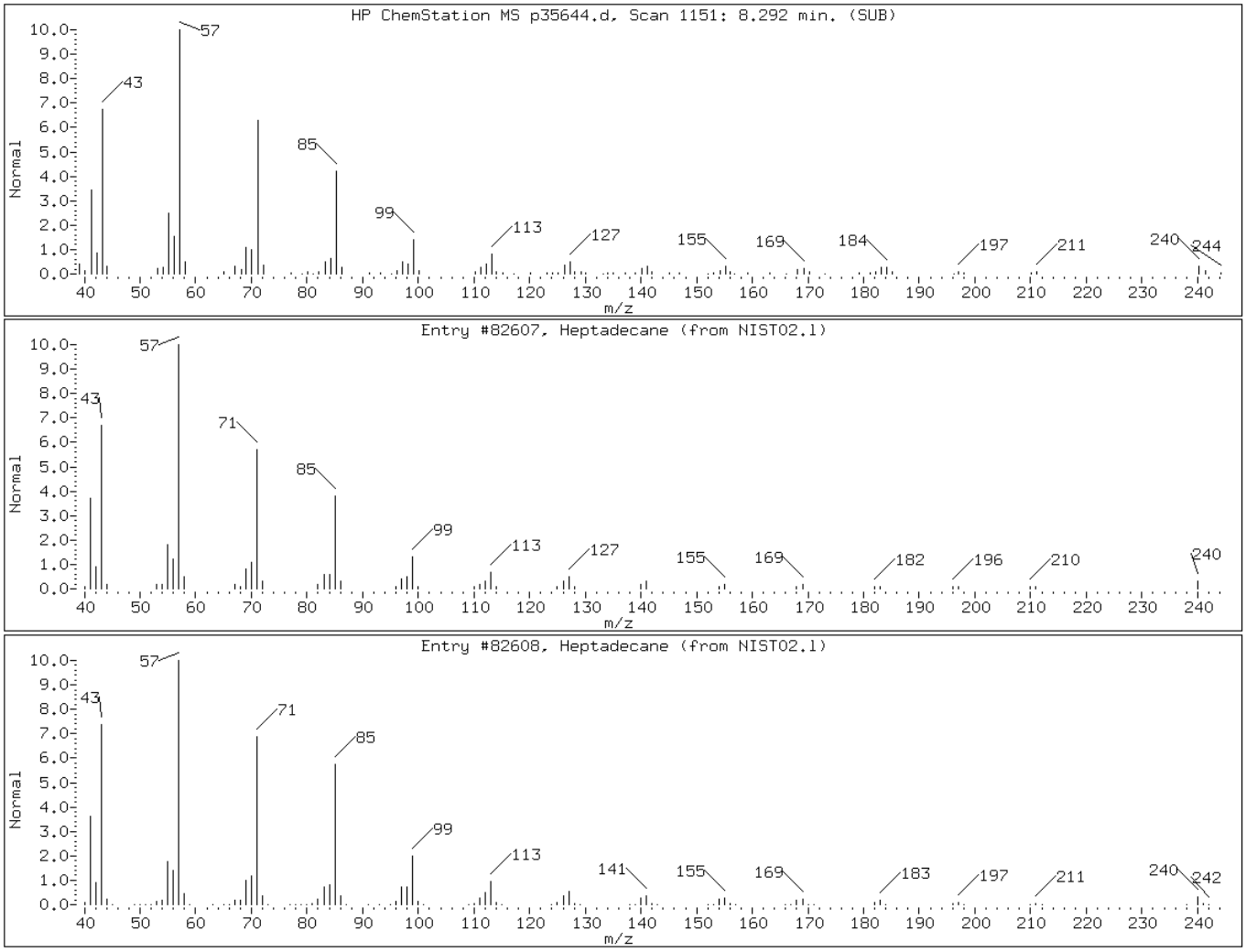
Date: 21-MAR-2013 21:56

Client ID: PMP-13-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-30-C Operator: BNAMS 4

Retention Time: 8.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heptadecane	629-78-7	NIST02.l	82607	97	C17H36	240
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240



Data File: p35644.d

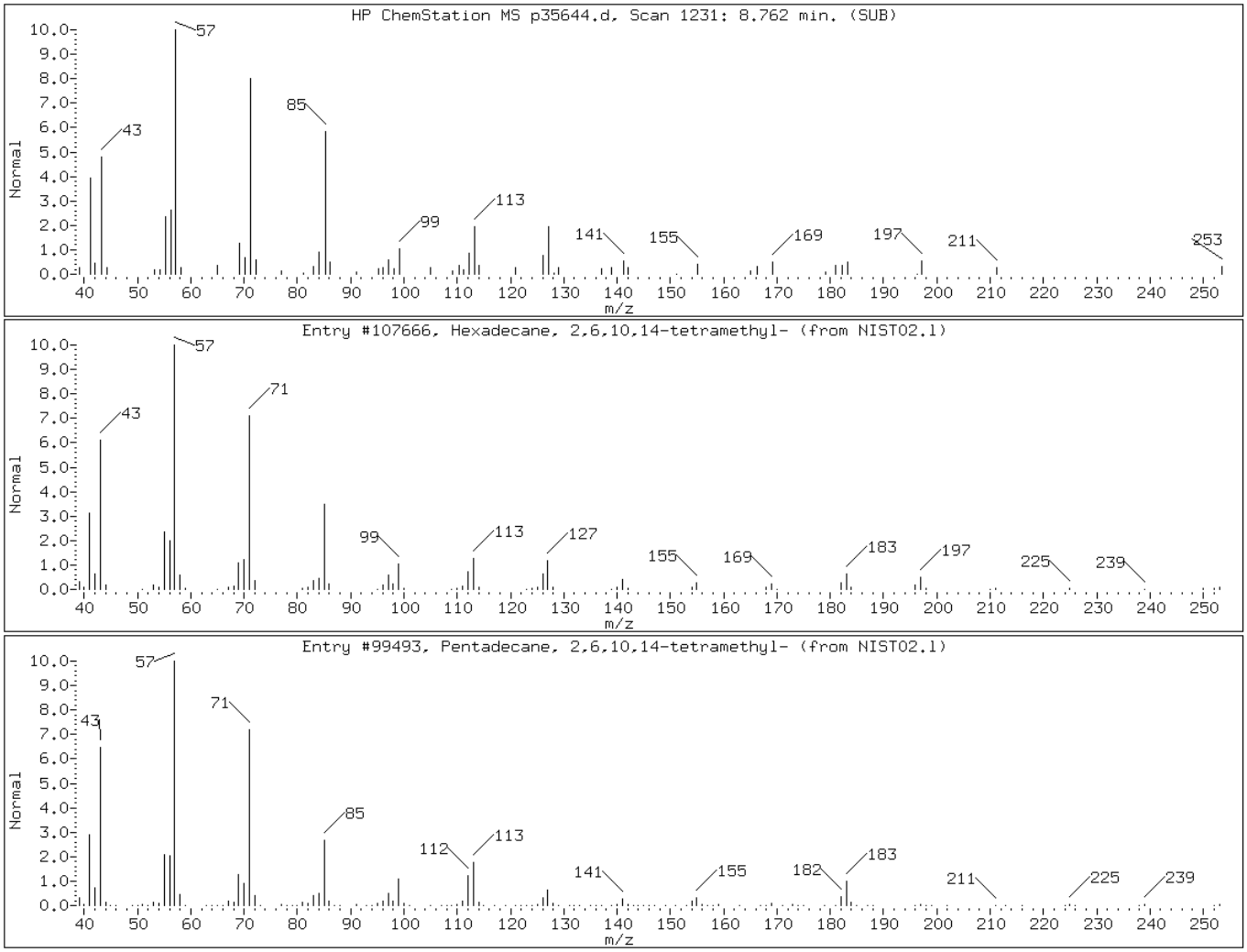
Date: 21-MAR-2013 21:56

Client ID: PMP-13-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-30-C Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	64	C20H42	282
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	59	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT DL | Lab Sample ID: 460-52450-31 DL

Matrix: Solid | Lab File ID: p35645.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 22:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	42	U	370	42
95-50-1	1,2-Dichlorobenzene	430	U	3700	430
541-73-1	1,3-Dichlorobenzene	340	U	3700	340
106-46-7	1,4-Dichlorobenzene	420	U	3700	420
121-14-2	2,4-Dinitrotoluene	120	U	750	120
606-20-2	2,6-Dinitrotoluene	110	U	750	110
91-58-7	2-Chloronaphthalene	410	U	3700	410
91-57-6	2-Methylnaphthalene	480	U	3700	480
88-74-4	2-Nitroaniline	1500	U	7500	1500
91-94-1	3,3'-Dichlorobenzidine	1300	U	7500	1300
99-09-2	3-Nitroaniline	1300	U	7500	1300
101-55-3	4-Bromophenyl phenyl ether	370	U	3700	370
106-47-8	4-Chloroaniline	980	U	3700	980
7005-72-3	4-Chlorophenyl phenyl ether	430	U	3700	430
100-01-6	4-Nitroaniline	1200	U	7500	1200
83-32-9	Acenaphthene	540	U	3700	540
208-96-8	Acenaphthylene	440	U	3700	440
120-12-7	Anthracene	450	U	3700	450
56-55-3	Benzo[a]anthracene	26	U	370	26
50-32-8	Benzo[a]pyrene	26	U	370	26
205-99-2	Benzo[b]fluoranthene	23	U	370	23
191-24-2	Benzo[g,h,i]perylene	270	U	3700	270
207-08-9	Benzo[k]fluoranthene	28	U	370	28
108-60-1	bis (2-chloroisopropyl) ether	410	U	3700	410
111-91-1	Bis(2-chloroethoxy)methane	480	U	3700	480
111-44-4	Bis(2-chloroethyl)ether	50	U	370	50
117-81-7	Bis(2-ethylhexyl) phthalate	1200	U	3700	1200
85-68-7	Butyl benzyl phthalate	340	U	3700	340
86-74-8	Carbazole	440	U	3700	440
218-01-9	Chrysene	430	U	3700	430
53-70-3	Dibenz(a,h)anthracene	47	U	370	47
132-64-9	Dibenzofuran	430	U	3700	430
84-66-2	Diethyl phthalate	440	U	3700	440
131-11-3	Dimethyl phthalate	440	U	3700	440

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT DL | Lab Sample ID: 460-52450-31 DL

Matrix: Solid | Lab File ID: p35645.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 22:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	460	U	3700	460
117-84-0	Di-n-octyl phthalate	240	U	3700	240
206-44-0	Fluoranthene	490	U	3700	490
86-73-7	Fluorene	470	U	3700	470
118-74-1	Hexachlorobenzene	51	U	370	51
87-68-3	Hexachlorobutadiene	90	U	750	90
77-47-4	Hexachlorocyclopentadiene	440	U	3700	440
67-72-1	Hexachloroethane	41	U	370	41
193-39-5	Indeno[1,2,3-cd]pyrene	69	U	370	69
78-59-1	Isophorone	450	U	3700	450
91-20-3	Naphthalene	430	U	3700	430
98-95-3	Nitrobenzene	53	U	370	53
621-64-7	N-Nitrosodi-n-propylamine	62	U	370	62
86-30-6	N-Nitrosodiphenylamine	360	U	3700	360
85-01-8	Phenanthrene	470	U	3700	470
129-00-0	Pyrene	310	U	3700	310

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	0	D	40-109
4165-60-0	Nitrobenzene-d5	0	D	38-105
1718-51-0	Terphenyl-d14	0	D	16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT DL | Lab Sample ID: 460-52450-31 DL

Matrix: Solid | Lab File ID: p35645.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 22:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 1.012e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	6.81	28000	D J
	Unknown Alkane-3	7.13	29000	D J
	Unknown Alkane-4	7.34	47000	D J
	Unknown Alkane-10	7.83	69000	D J
	Unknown Alkane-11	8.05	52000	D J
	Unknown Alkane-12	8.13	24000	D J
	Unknown Alkane-13	8.30	200000	D J
	Unknown-3	8.32	170000	D J
	Unknown Alkane-14	8.49	32000	D J
593-45-3	n-Octadecane	8.74	81000	D
	Unknown Alkane-16	8.77	83000	D J
	Unknown Alkane-18	9.16	89000	D J
	Trichloro-1,1-biphenyl isomer	9.18	35000	D J
	Unknown Alkane-19	9.55	45000	D J
	Unknown Alkane-20	9.93	28000	D J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35645.d
Report Date: 22-Mar-2013 14:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35645.d
Lab Smp Id: 460-52450-F-31-C Client Smp ID: PMP-13-NE-WT
Inj Date : 21-MAR-2013 22:21
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-31-C
Misc Info : 460-52450-F-31-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/8270C_11.m
Meth Date : 21-Mar-2013 19:30 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 12
Dil Factor: 10.00000
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	10.00000	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	10.83032	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 79 1,4-Dichlorobenzene-d4	152	4.338	4.355	(1.000)	663614	40.0000	
* 80 Naphthalene-d8	136	5.624	5.636	(1.000)	2063351	40.0000	
125 1,3-Dimethylnaphthalene	156	7.040	7.052	(0.954)	10812	0.51630	380(a)
* 82 Acenaphthene-d10	164	7.381	7.387	(1.000)	804296	40.0000	
115 n-Octadecane	57	8.738	8.738	(0.988)	1426735	109.146	81000
* 83 Phenanthrene-d10	188	8.844	8.844	(1.000)	799036	40.0000	
57 Pyrene	202	10.254	10.260	(0.884)	7988	0.40265	300(a)
* 81 Chrysene-d12	240	11.606	11.618	(1.000)	436346	40.0000	
* 84 Perylene-d12	264	13.533	13.539	(1.000)	418783	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35645.d
Report Date: 22-Mar-2013 14:59

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p35645.d

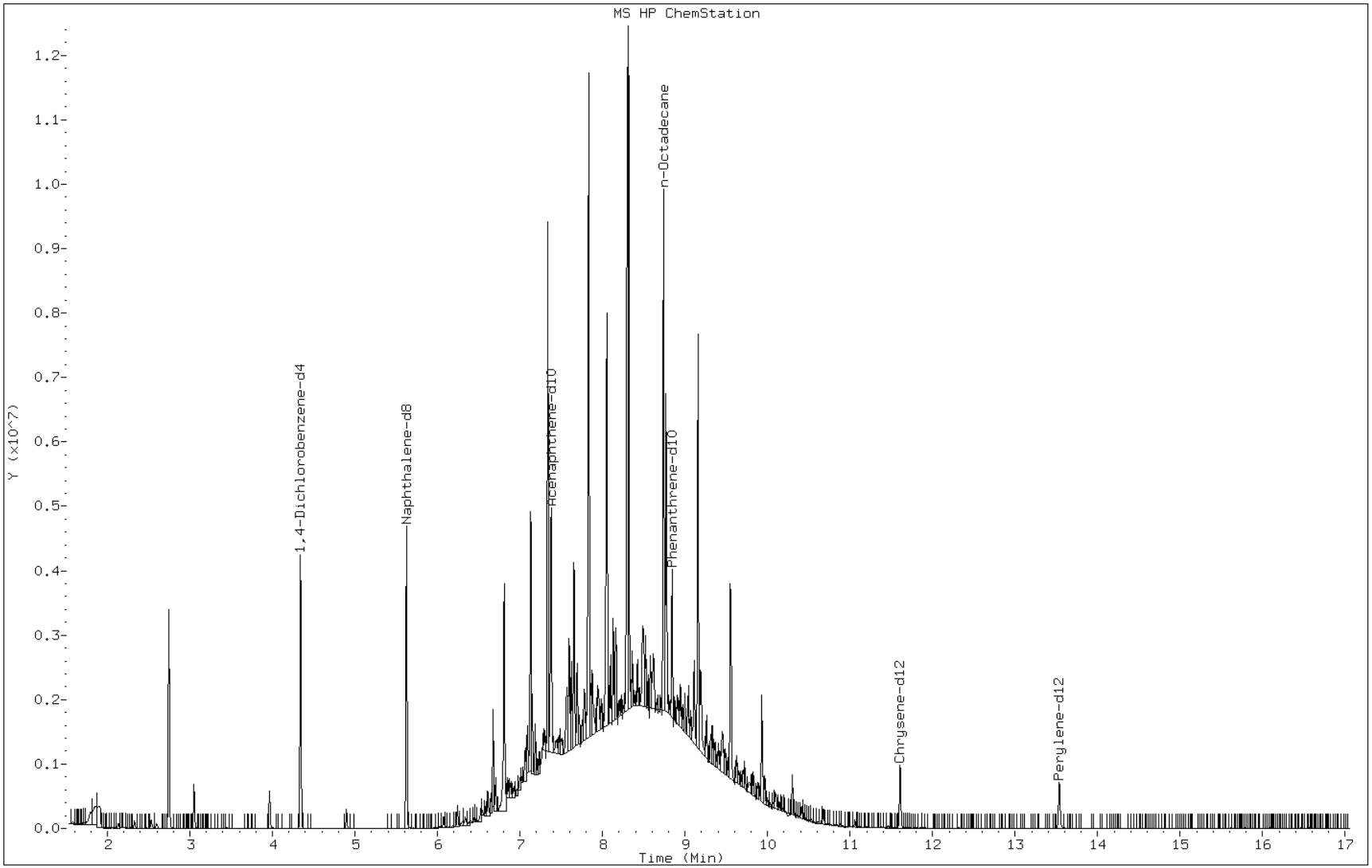
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C

Operator: BNAMS 4



Data File: p35645.d

Date: 21-MAR-2013 22:21

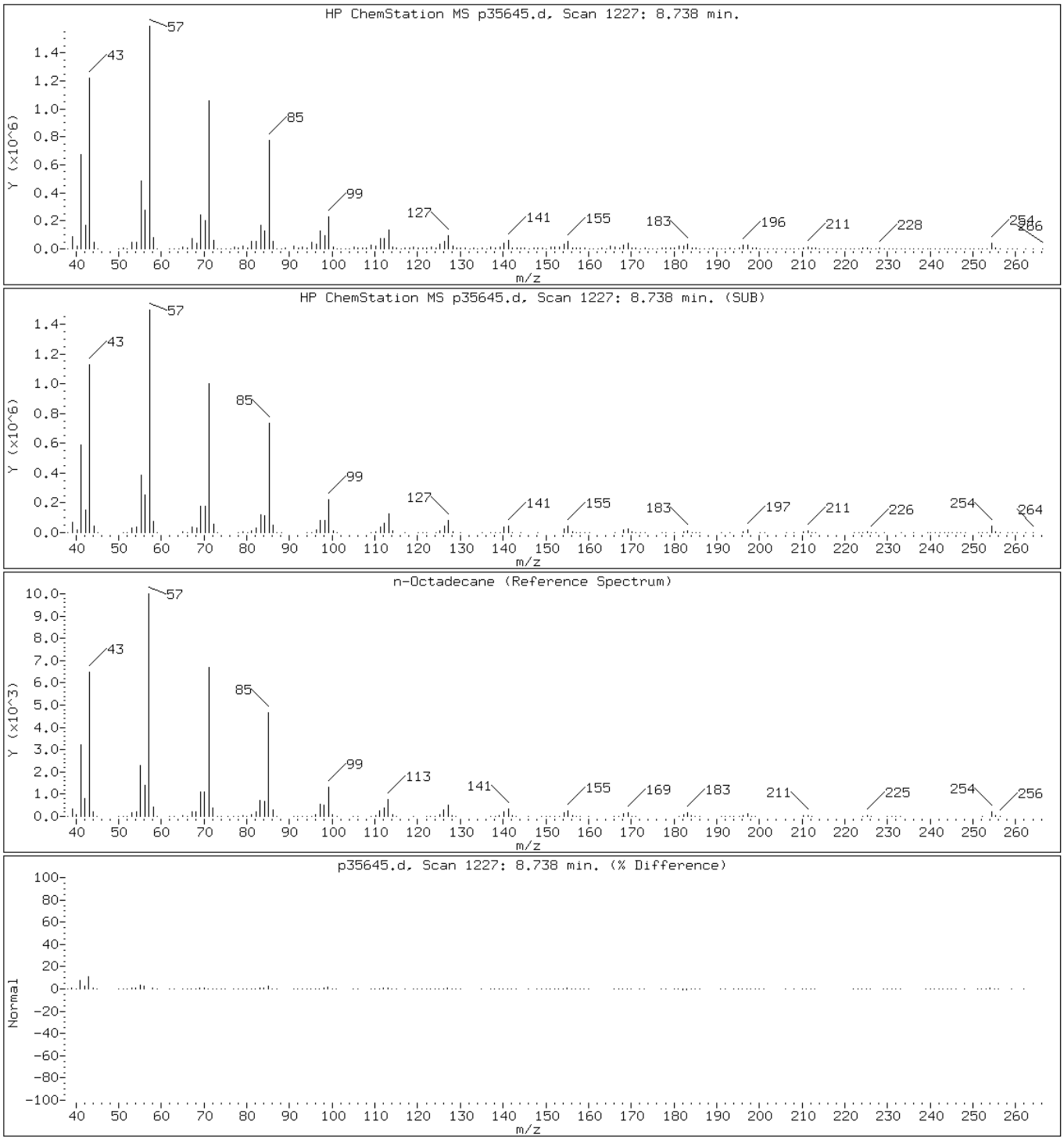
Client ID: PMP-13-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C

Operator: BNAMS 4

115 n-Octadecane



Data File: p35645.d

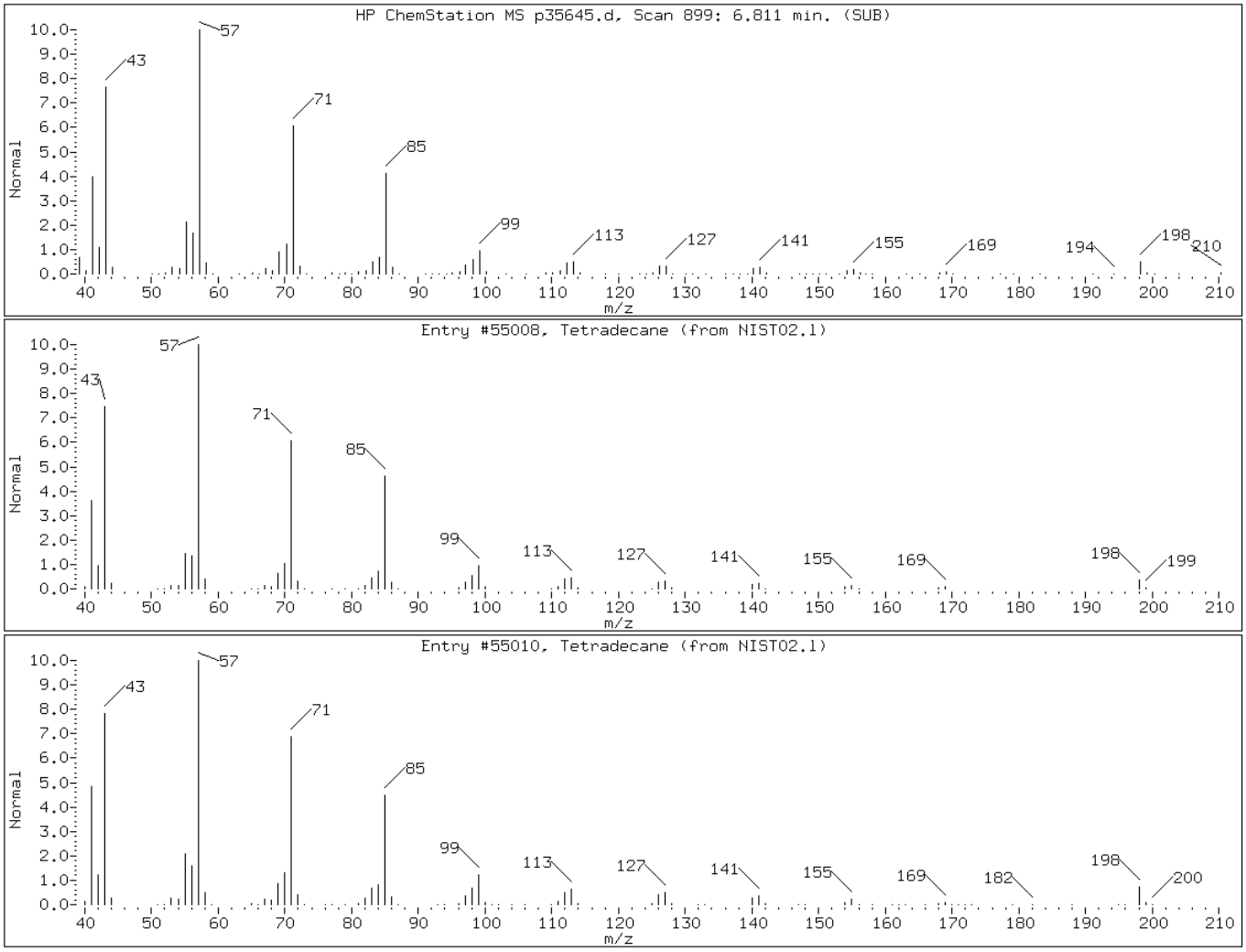
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 6.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198



Data File: p35645.d

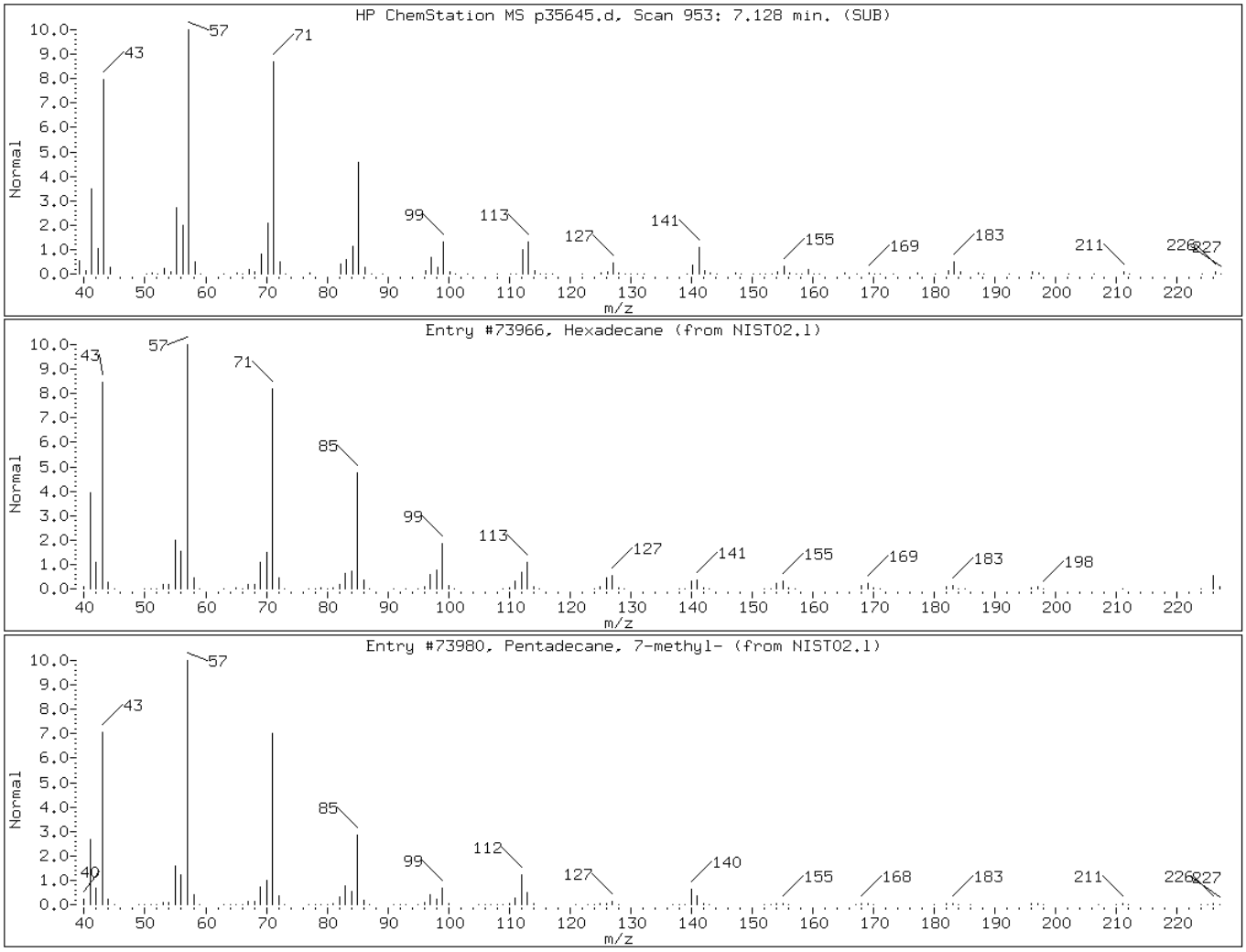
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 7.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane	544-76-3	NIST02.l	73966	87	C16H34	226
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	81	C16H34	226



Data File: p35645.d

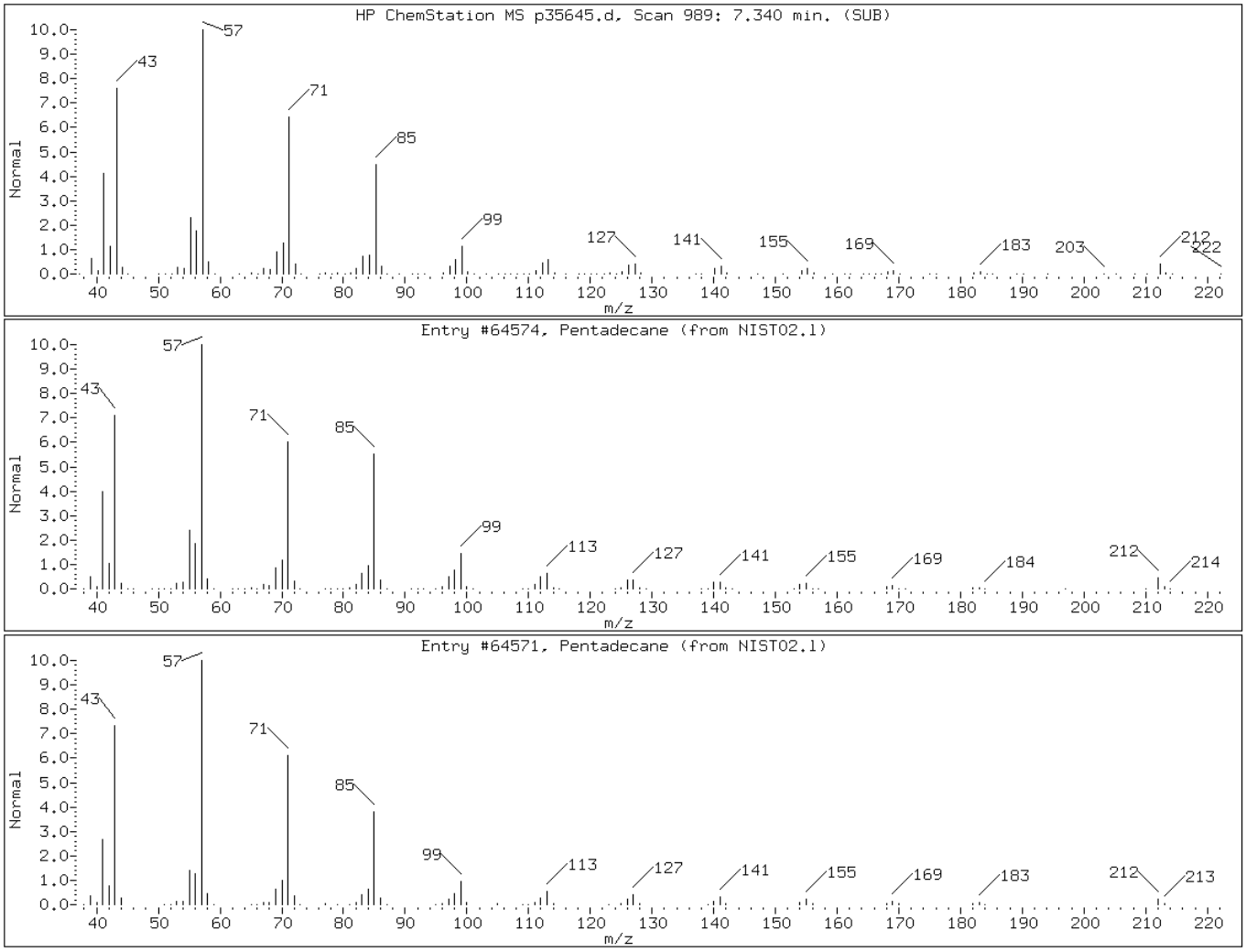
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 7.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane	629-62-9	NIST02.l	64574	98	C15H32	212
Pentadecane	629-62-9	NIST02.l	64571	98	C15H32	212



Data File: p35645.d

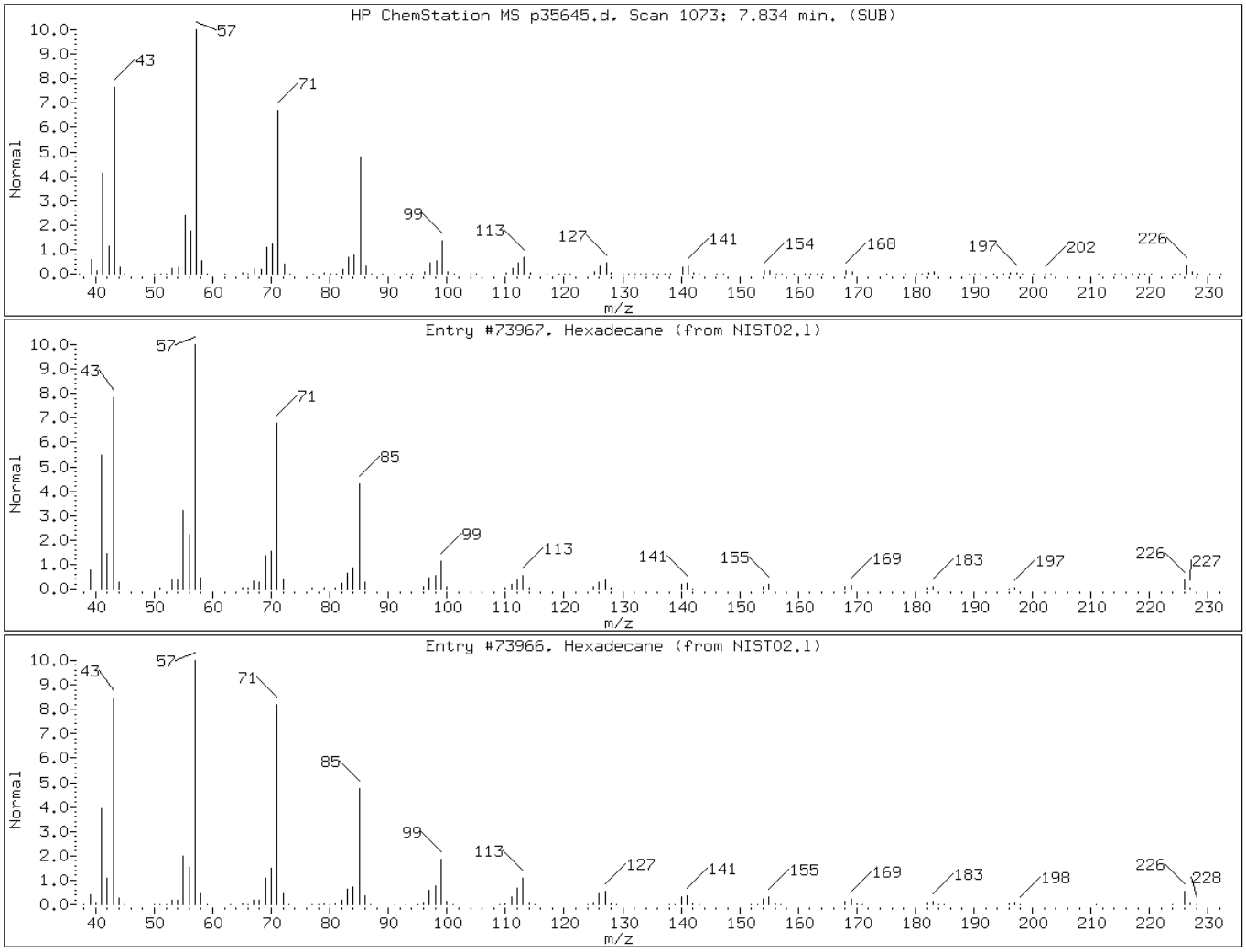
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 7.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane	544-76-3	NIST02.l	73967	99	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	97	C16H34	226



Data File: p35645.d

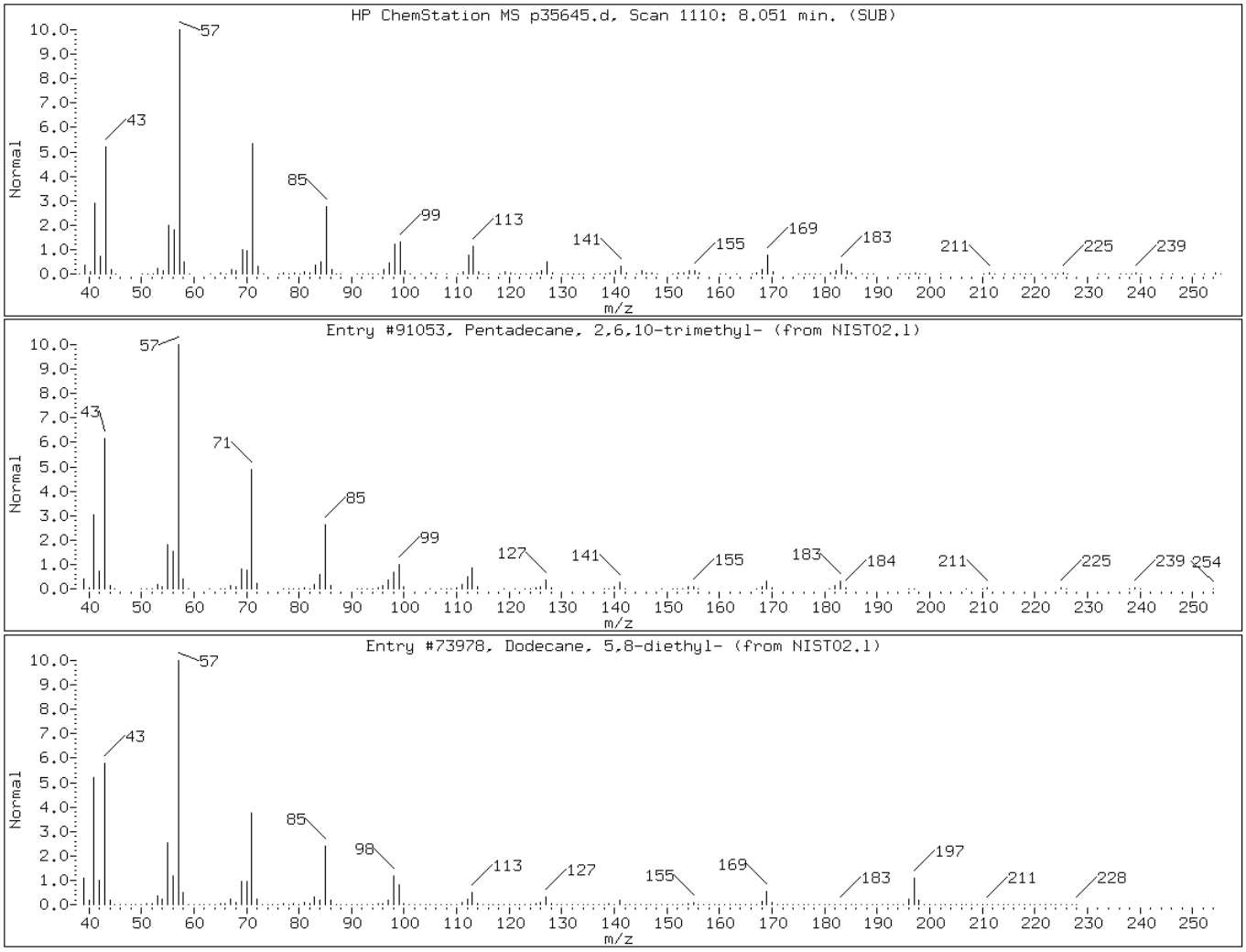
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 8.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	94	C18H38	254
Dodecane, 5,8-diethyl-	24251-86-3	NIST02.l	73978	90	C16H34	226



Data File: p35645.d

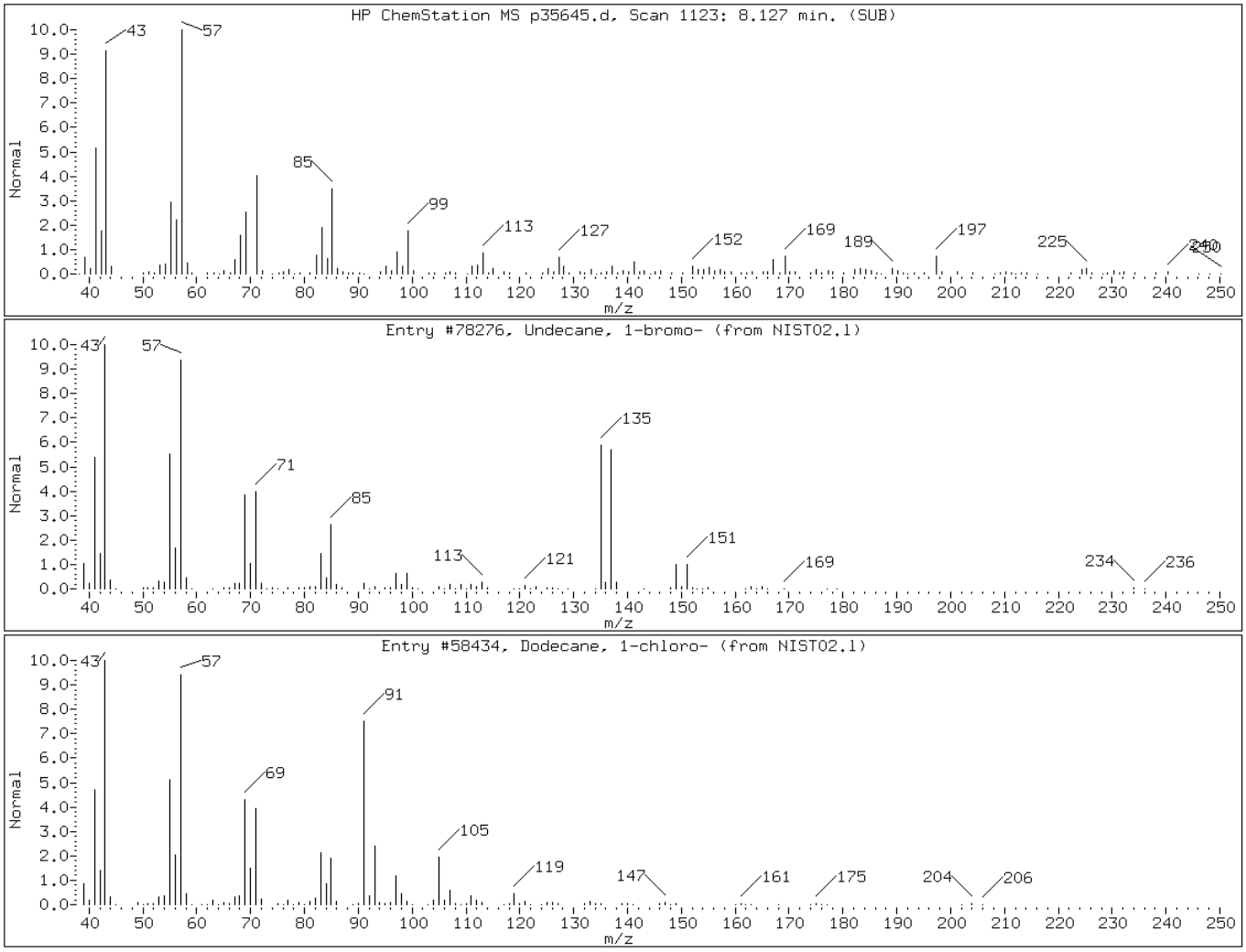
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 8.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Undecane, 1-bromo-	693-67-4	NIST02.l	78276	90	C11H23Br	234
Dodecane, 1-chloro-	112-52-7	NIST02.l	58434	76	C12H25Cl	204



Data File: p35645.d

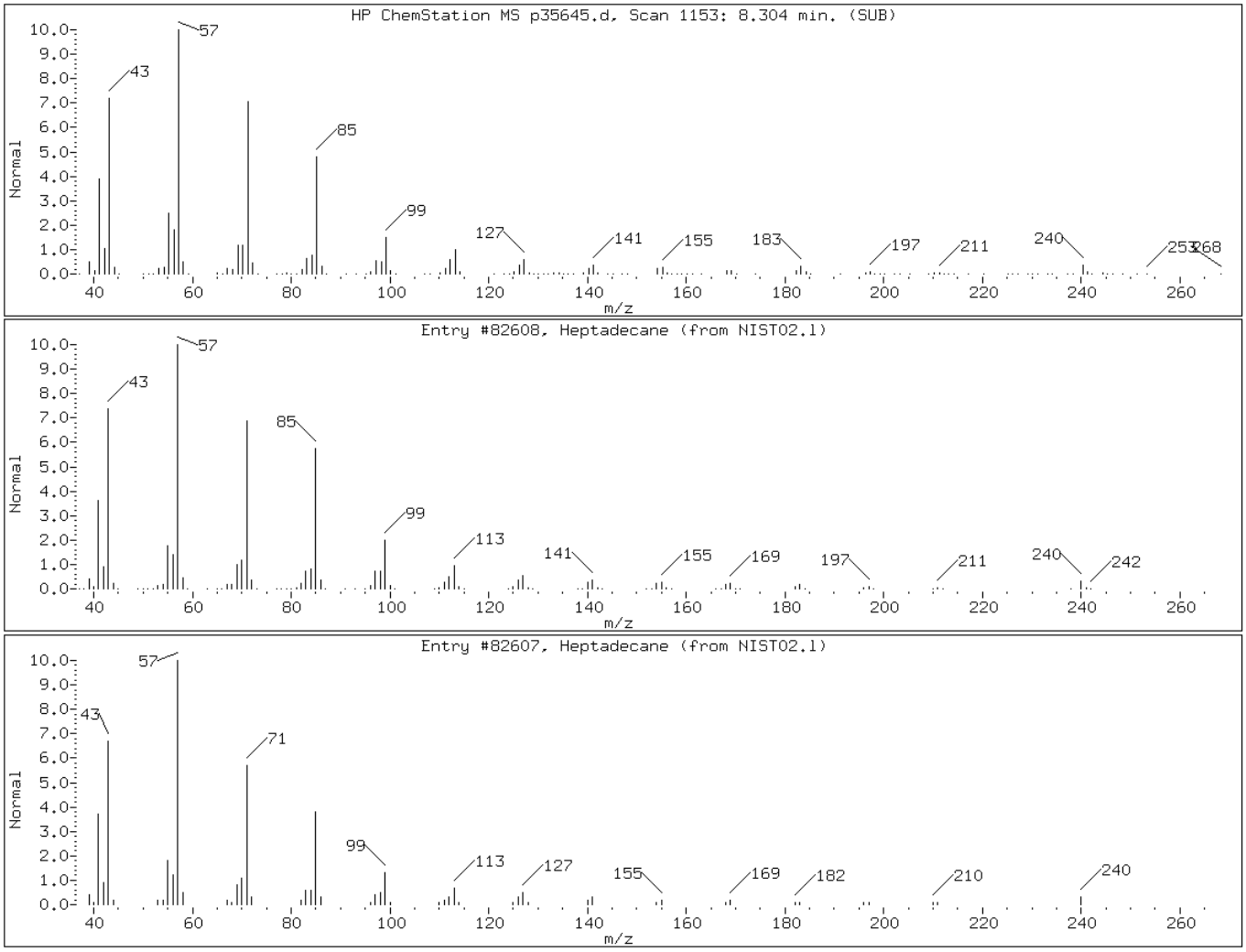
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 8.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	97	C17H36	240



Data File: p35645.d

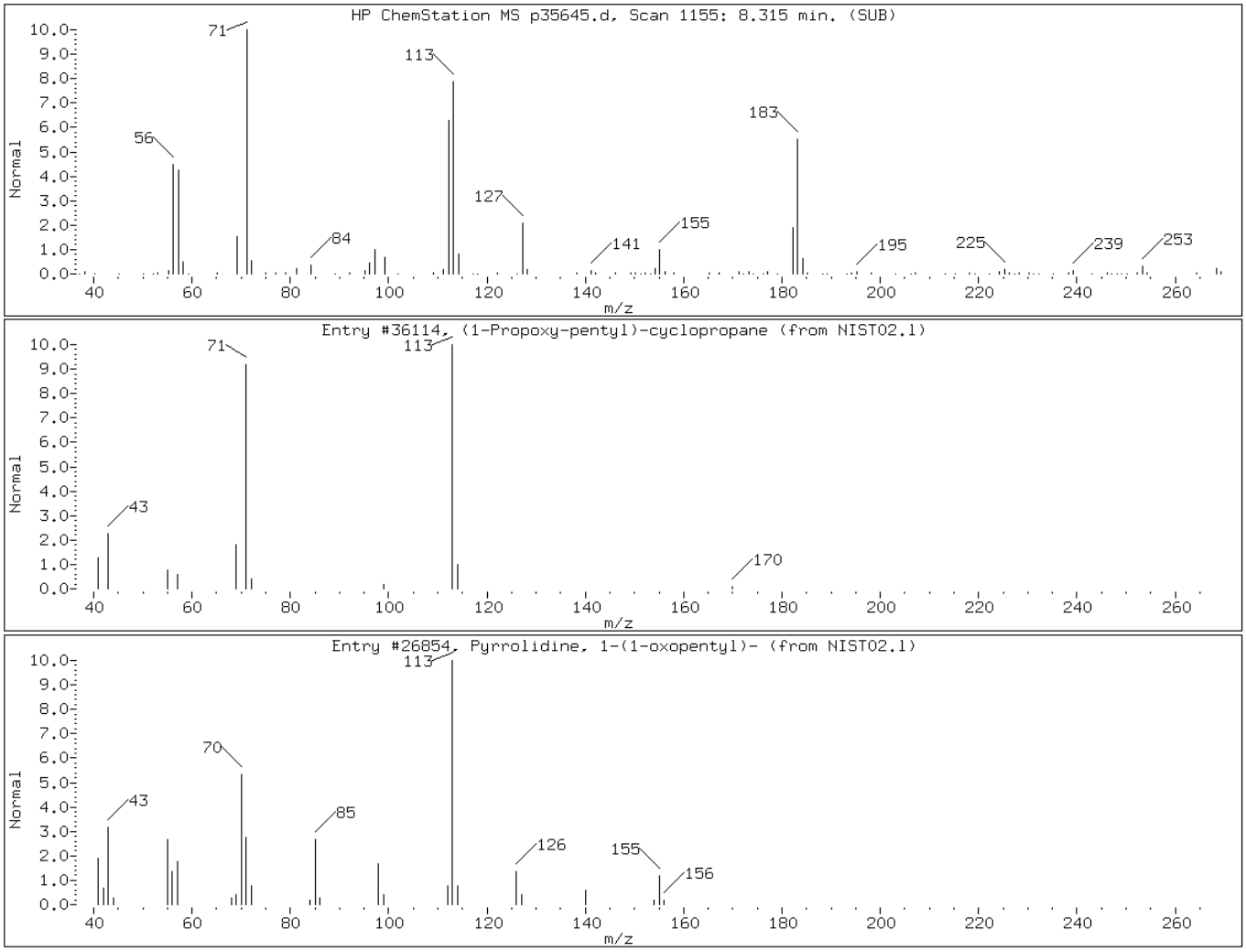
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
(1-Propoxy-pentyl)-cyclopropane	94883-97-3	NIST02.l	36114	32	C11H22O	170
Pyrrolidine, 1-(1-oxopentyl)-	4419-57-2	NIST02.l	26854	22	C9H17NO	155



Data File: p35645.d

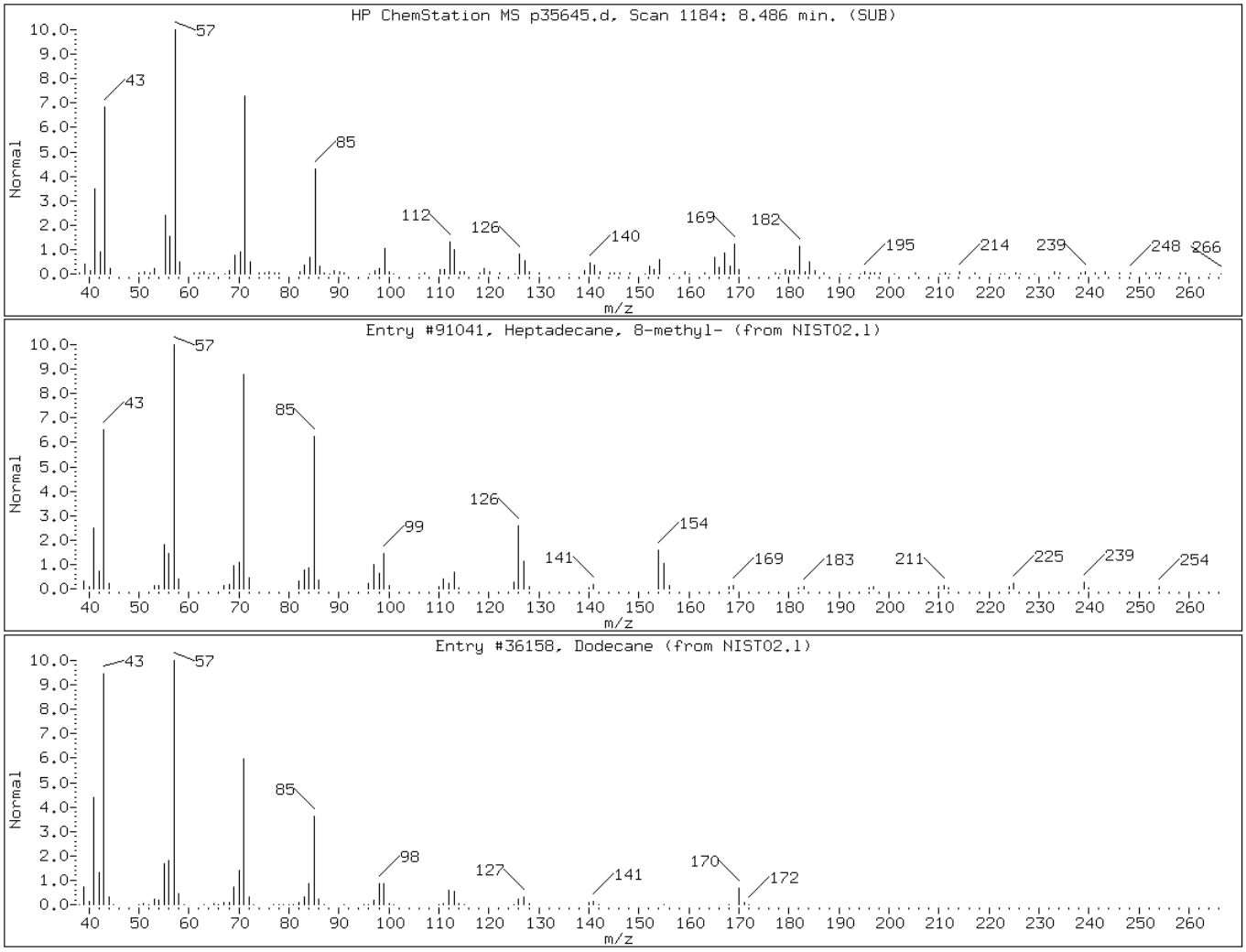
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 8.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane, 8-methyl-	13287-23-5	NIST02.l	91041	86	C18H38	254
Dodecane	112-40-3	NIST02.l	36158	83	C12H26	170



Data File: p35645.d

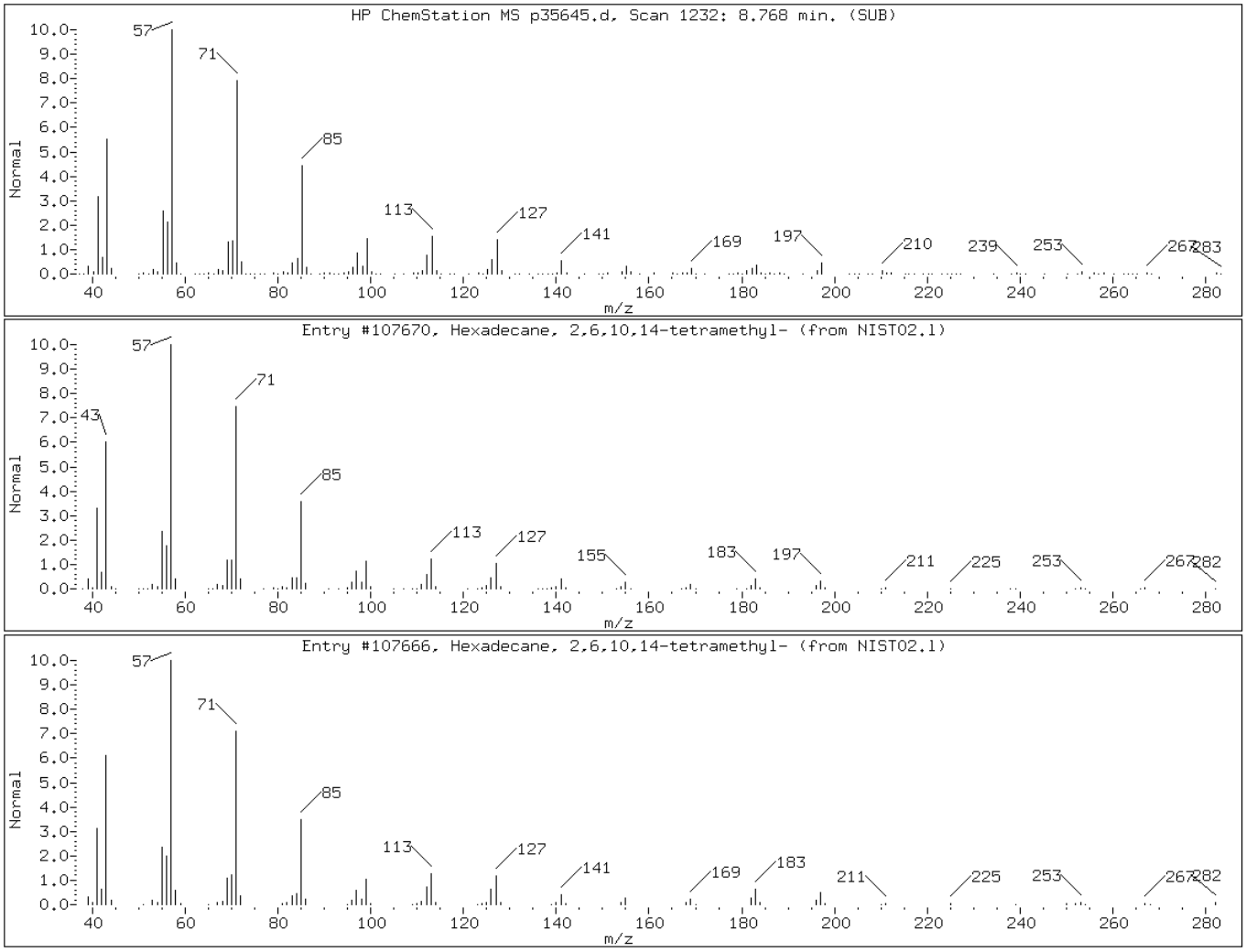
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	99	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	91	C20H42	282



Data File: p35645.d

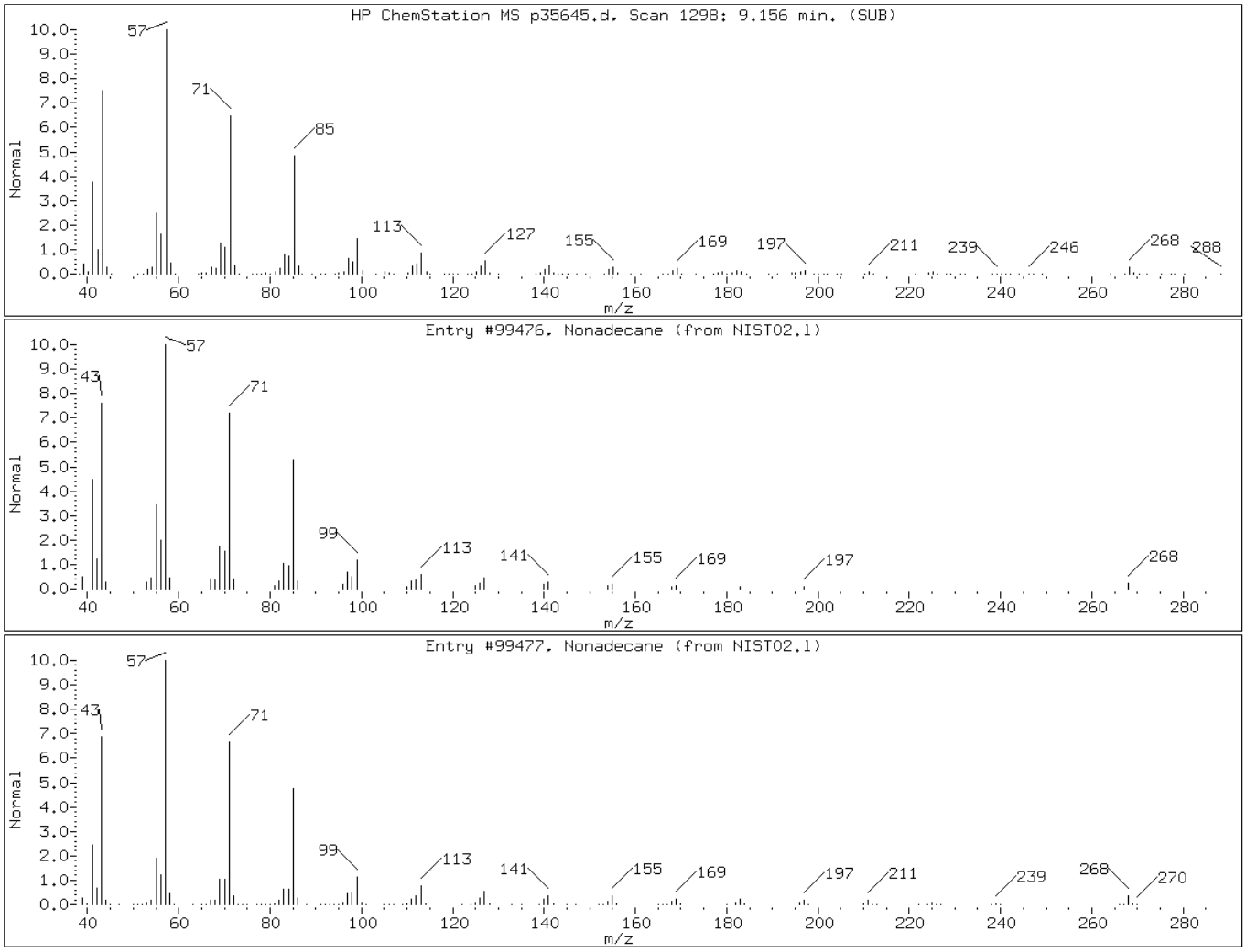
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 9.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Nonadecane	629-92-5	NIST02.l	99476	99	C19H40	268
Nonadecane	629-92-5	NIST02.l	99477	96	C19H40	268



Data File: p35645.d

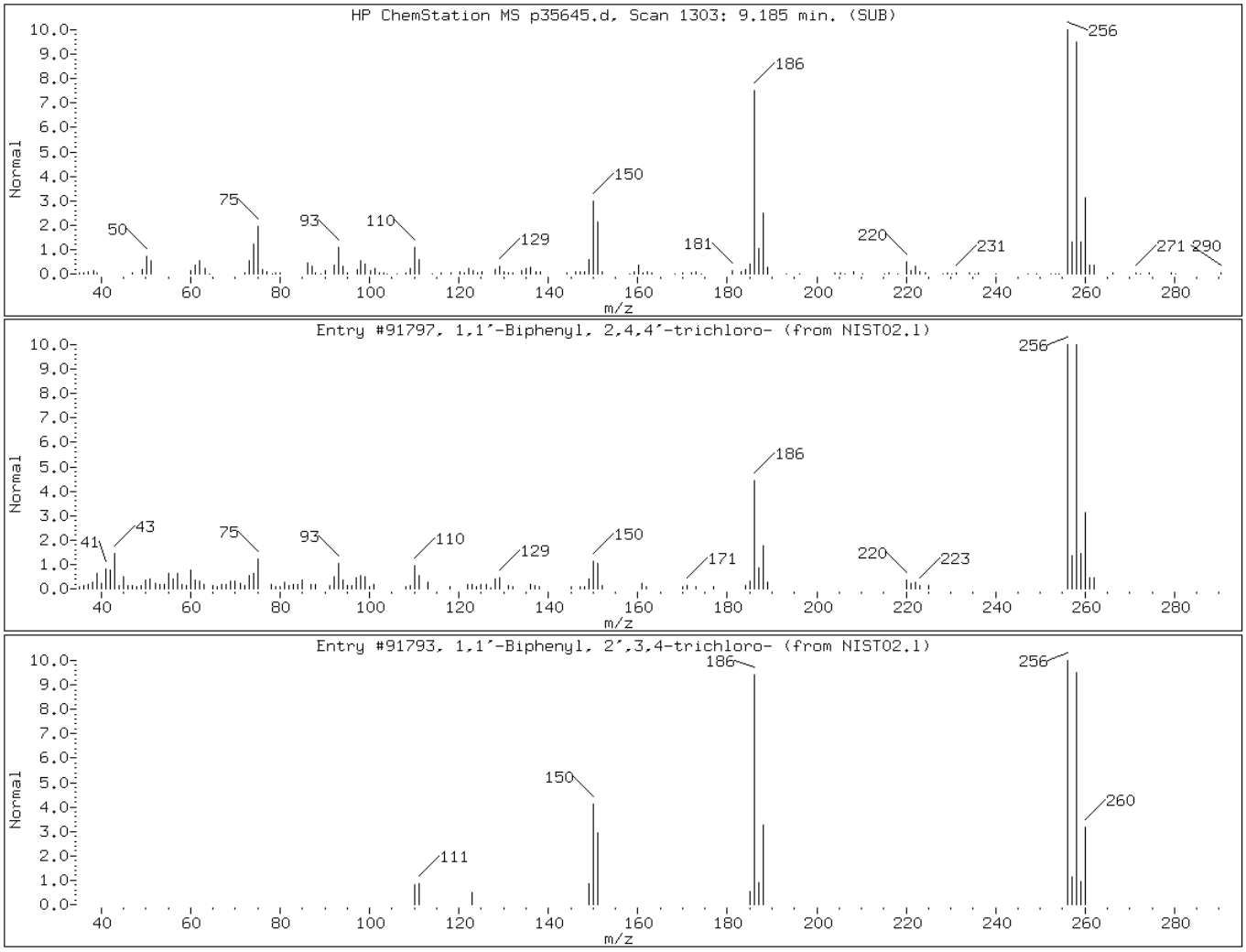
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 9.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	97	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	95	C12H7Cl3	256



Data File: p35645.d

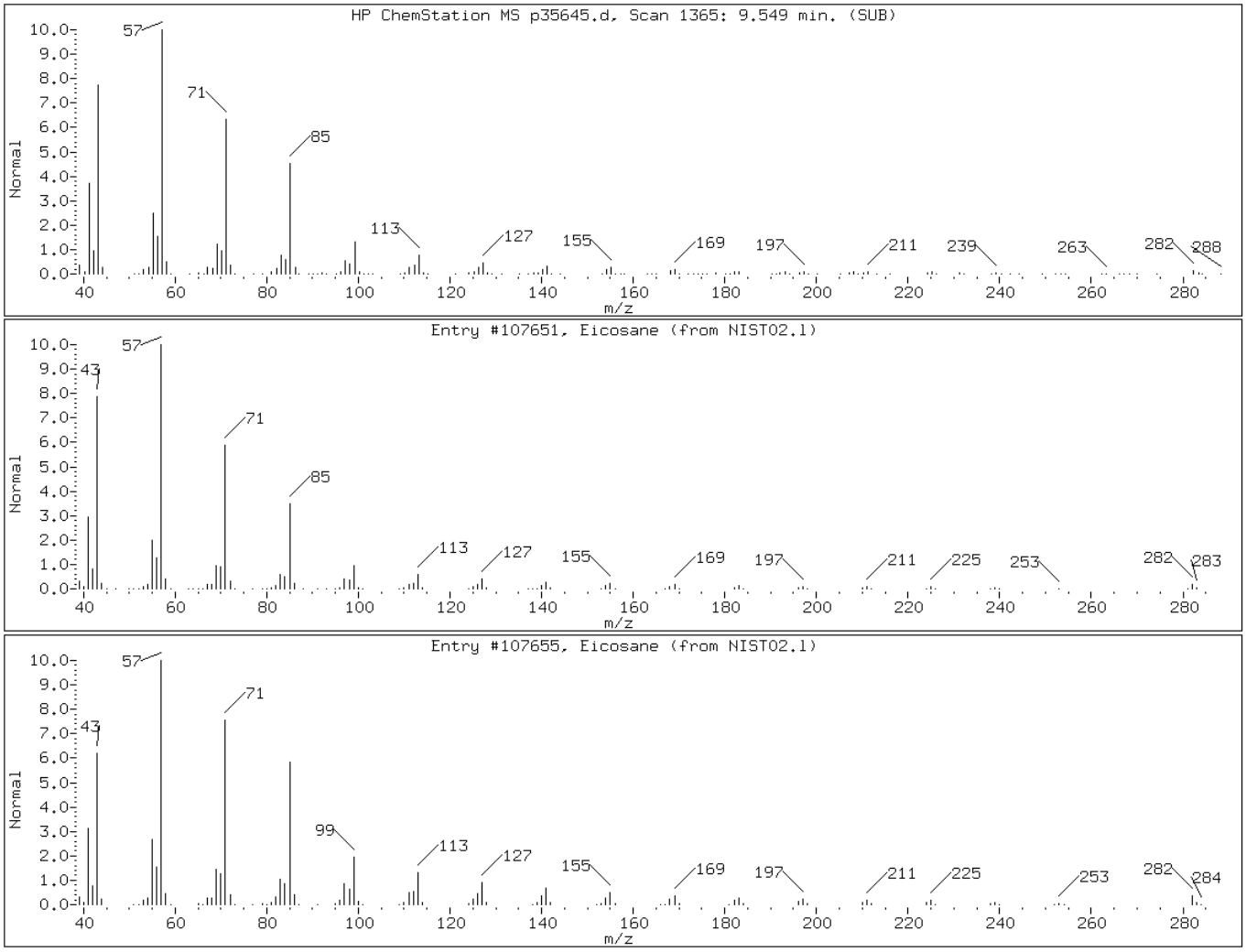
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 9.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-19						
Eicosane	112-95-8	NIST02.l	107651	98	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	97	C20H42	282



Data File: p35645.d

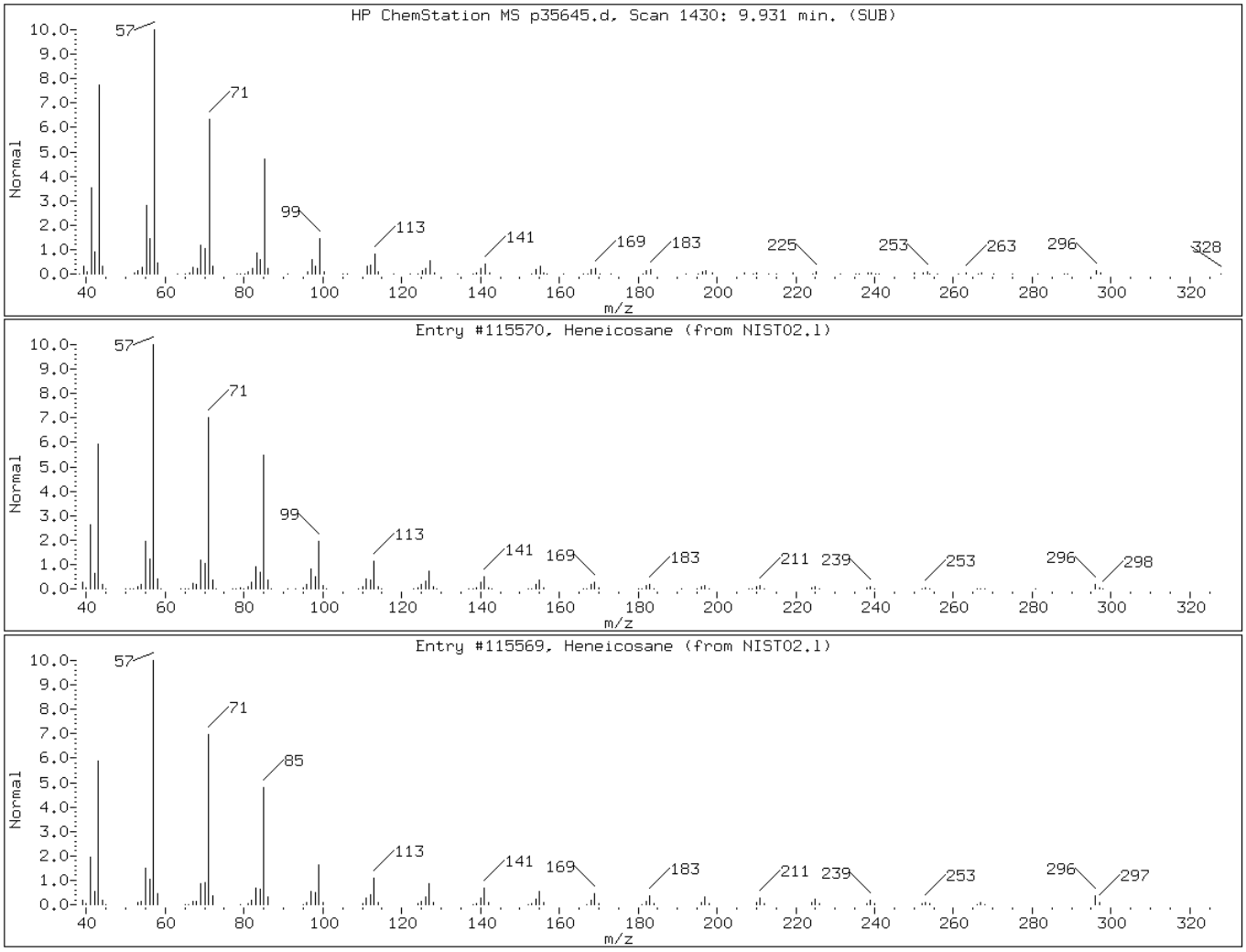
Date: 21-MAR-2013 22:21

Client ID: PMP-13-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-31-C Operator: BNAMS 4

Retention Time: 9.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-20						
Heneicosane	629-94-7	NIST02.l	115570	98	C21H44	296
Heneicosane	629-94-7	NIST02.l	115569	97	C21H44	296



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI | Lab Sample ID: 460-52450-32

Matrix: Solid | Lab File ID: p35590.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 21:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.4	U	39	4.4
95-50-1	1,2-Dichlorobenzene	45	U	390	45
541-73-1	1,3-Dichlorobenzene	35	U	390	35
106-46-7	1,4-Dichlorobenzene	44	U	390	44
121-14-2	2,4-Dinitrotoluene	13	U	79	13
606-20-2	2,6-Dinitrotoluene	12	U	79	12
91-58-7	2-Chloronaphthalene	43	U	390	43
91-57-6	2-Methylnaphthalene	50	U	390	50
88-74-4	2-Nitroaniline	160	U	790	160
91-94-1	3,3'-Dichlorobenzidine	140	U	790	140
99-09-2	3-Nitroaniline	140	U	790	140
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
106-47-8	4-Chloroaniline	100	U	390	100
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	790	120
83-32-9	Acenaphthene	57	U	390	57
208-96-8	Acenaphthylene	46	U	390	46
120-12-7	Anthracene	47	U	390	47
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
50-32-8	Benzo[a]pyrene	2.8	U	39	2.8
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
207-08-9	Benzo[k]fluoranthene	3.0	U	39	3.0
108-60-1	bis (2-chloroisopropyl) ether	43	U	390	43
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
85-68-7	Butyl benzyl phthalate	36	U	390	36
86-74-8	Carbazole	46	U	390	46
218-01-9	Chrysene	45	U	390	45
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	46	U	390	46
131-11-3	Dimethyl phthalate	46	U	390	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI | Lab Sample ID: 460-52450-32

Matrix: Solid | Lab File ID: p35590.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 21:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	48	U	390	48
117-84-0	Di-n-octyl phthalate	25	U	390	25
206-44-0	Fluoranthene	52	U	390	52
86-73-7	Fluorene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
87-68-3	Hexachlorobutadiene	9.5	U	79	9.5
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
67-72-1	Hexachloroethane	4.3	U	39	4.3
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
78-59-1	Isophorone	47	U	390	47
91-20-3	Naphthalene	45	U	390	45
98-95-3	Nitrobenzene	5.5	U	39	5.5
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-01-8	Phenanthrene	50	U	390	50
129-00-0	Pyrene	33	U	390	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		40-109
4165-60-0	Nitrobenzene-d5	86		38-105
1718-51-0	Terphenyl-d14	79		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI | Lab Sample ID: 460-52450-32

Matrix: Solid | Lab File ID: p35590.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 21:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 990

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.33	440	J
	Unknown	8.35	550	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35590.d
Report Date: 21-Mar-2013 12:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35590.d
Lab Smp Id: 460-52450-F-32-C Client Smp ID: PMP-13-NE-SI
Inj Date : 20-MAR-2013 21:54
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-32-C
Misc Info : 460-52450-F-32-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 13
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	15.02000	Weight of sample extracted (g)
M	15.09091	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.136	3.101	(0.716)	1953935	77.0650	6000
$ 17 Phenol-d5 (SUR)	99	4.023	4.035	(0.918)	2293168	78.9048	6200
* 79 1,4-Dichlorobenzene-d4	152	4.382	4.394	(1.000)	747826	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	1069562	43.0535	3400
* 80 Naphthalene-d8	136	5.668	5.675	(1.000)	2337810	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.910)	1794158	42.4230	3300
* 82 Acenaphthene-d10	164	7.419	7.425	(1.000)	1246818	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.105)	435534	84.0231	6600
115 n-Octadecane	57	8.771	8.777	(0.987)	72481	3.10757	240(a)
* 83 Phenanthrene-d10	188	8.882	8.888	(1.000)	1425713	40.0000	
52 Phenanthrene	178	8.906	8.912	(1.003)	5104	0.13134	10(a)
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	926550	39.6460	3100
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	738158	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35590.d
Report Date: 21-Mar-2013 12:38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.606	13.607	(1.000)	570409	40.0000	

QC Flag Legend

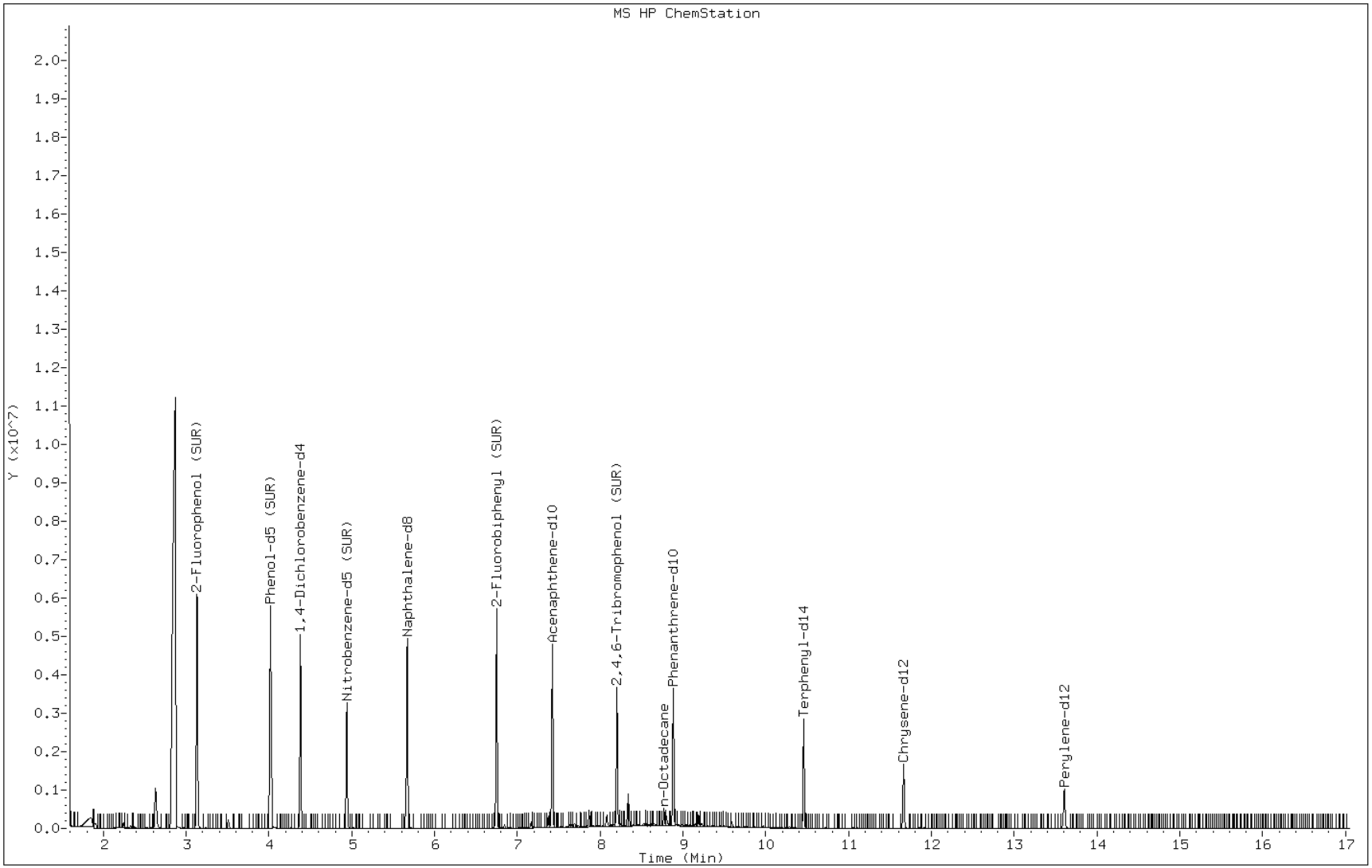
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35590.d

Date: 20-MAR-2013 21:54

Client ID: PMP-13-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-32-C Operator: BNAMS 4



Data File: p35590.d

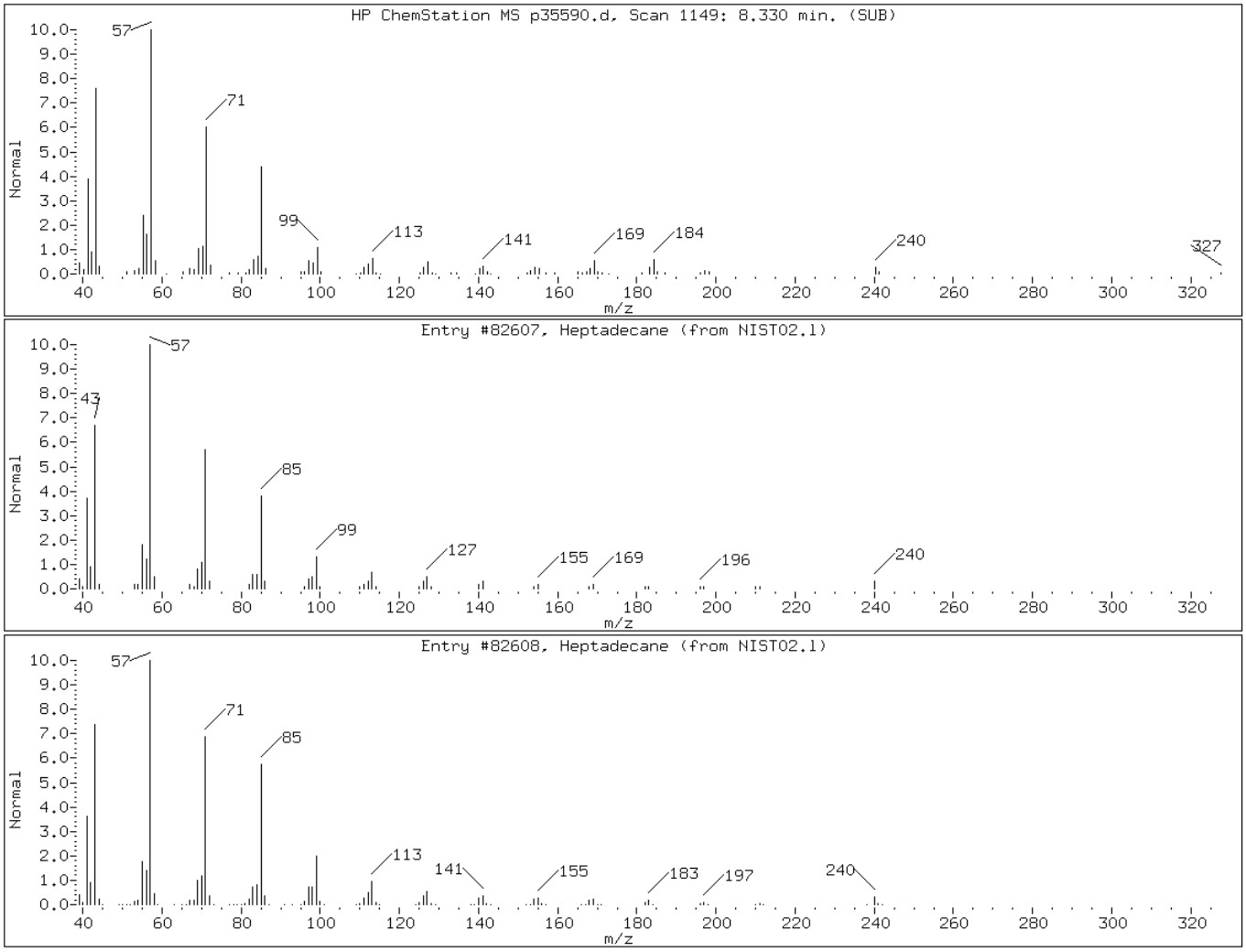
Date: 20-MAR-2013 21:54

Client ID: PMP-13-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-32-C Operator: BNAMS 4

Retention Time: 8.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptadecane	629-78-7	NIST02.l	82607	96	C17H36	240
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240



Data File: p35590.d

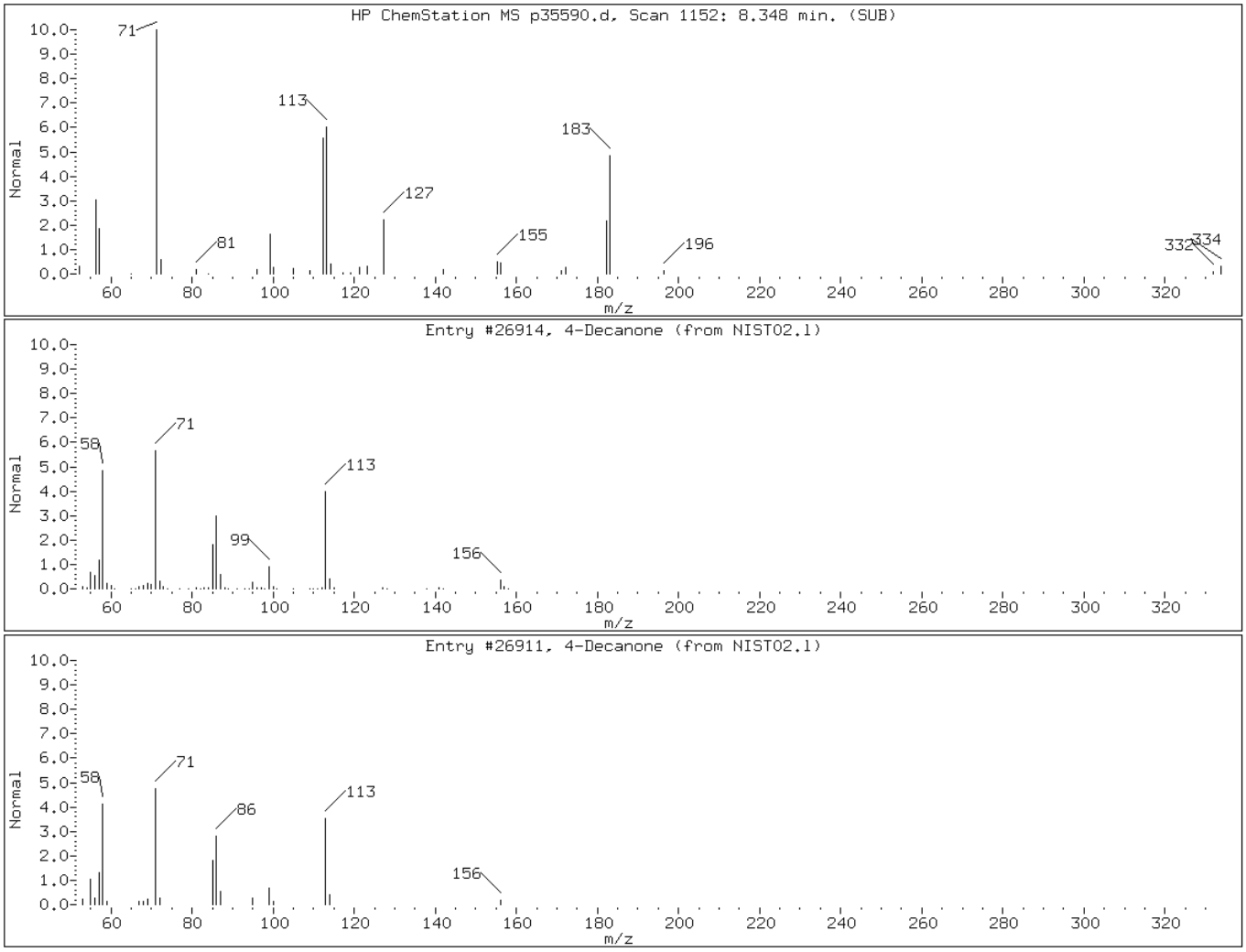
Date: 20-MAR-2013 21:54

Client ID: PMP-13-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-32-C Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4-Decanone	624-16-8	NIST02.l	26914	38	C10H20O	156
4-Decanone	624-16-8	NIST02.l	26911	35	C10H20O	156



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD | Lab Sample ID: 460-52450-33

Matrix: Solid | Lab File ID: p35591.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/20/2013 22:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.6	U	41	4.6
95-50-1	1,2-Dichlorobenzene	47	U	410	47
541-73-1	1,3-Dichlorobenzene	37	U	410	37
106-46-7	1,4-Dichlorobenzene	46	U	410	46
121-14-2	2,4-Dinitrotoluene	13	U	82	13
606-20-2	2,6-Dinitrotoluene	12	U	82	12
91-58-7	2-Chloronaphthalene	45	U	410	45
91-57-6	2-Methylnaphthalene	52	U	410	52
88-74-4	2-Nitroaniline	170	U	820	170
91-94-1	3,3'-Dichlorobenzidine	140	U	820	140
99-09-2	3-Nitroaniline	140	U	820	140
101-55-3	4-Bromophenyl phenyl ether	40	U	410	40
106-47-8	4-Chloroaniline	110	U	410	110
7005-72-3	4-Chlorophenyl phenyl ether	48	U	410	48
100-01-6	4-Nitroaniline	130	U	820	130
83-32-9	Acenaphthene	59	U	410	59
208-96-8	Acenaphthylene	48	U	410	48
120-12-7	Anthracene	49	U	410	49
56-55-3	Benzo[a]anthracene	2.8	U	41	2.8
50-32-8	Benzo[a]pyrene	2.9	U	41	2.9
205-99-2	Benzo[b]fluoranthene	2.6	U	41	2.6
191-24-2	Benzo[g,h,i]perylene	30	U	410	30
207-08-9	Benzo[k]fluoranthene	3.1	U	41	3.1
108-60-1	bis (2-chloroisopropyl) ether	45	U	410	45
111-91-1	Bis(2-chloroethoxy)methane	53	U	410	53
111-44-4	Bis(2-chloroethyl)ether	5.6	U	41	5.6
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	410	140
85-68-7	Butyl benzyl phthalate	37	U	410	37
86-74-8	Carbazole	48	U	410	48
218-01-9	Chrysene	48	U	410	48
53-70-3	Dibenz(a,h)anthracene	5.1	U	41	5.1
132-64-9	Dibenzofuran	48	U	410	48
84-66-2	Diethyl phthalate	49	U	410	49
131-11-3	Dimethyl phthalate	48	U	410	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD | Lab Sample ID: 460-52450-33

Matrix: Solid | Lab File ID: p35591.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/20/2013 22:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	50	U	410	50
117-84-0	Di-n-octyl phthalate	26	U	410	26
206-44-0	Fluoranthene	54	U	410	54
86-73-7	Fluorene	52	U	410	52
118-74-1	Hexachlorobenzene	5.6	U	41	5.6
87-68-3	Hexachlorobutadiene	9.9	U	82	9.9
77-47-4	Hexachlorocyclopentadiene	48	U	410	48
67-72-1	Hexachloroethane	4.5	U	41	4.5
193-39-5	Indeno[1,2,3-cd]pyrene	7.6	U	41	7.6
78-59-1	Isophorone	49	U	410	49
91-20-3	Naphthalene	47	U	410	47
98-95-3	Nitrobenzene	5.8	U	41	5.8
621-64-7	N-Nitrosodi-n-propylamine	6.8	U	41	6.8
86-30-6	N-Nitrosodiphenylamine	40	U	410	40
85-01-8	Phenanthrene	52	U	410	52
129-00-0	Pyrene	34	U	410	34

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	82		40-109
4165-60-0	Nitrobenzene-d5	83		38-105
1718-51-0	Terphenyl-d14	83		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD | Lab Sample ID: 460-52450-33

Matrix: Solid | Lab File ID: p35591.d

Analysis Method: 8270C | Date Collected: 03/14/2013 15:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/20/2013 22:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 870

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	13.30	460	J
	Unknown Alkane-2	14.28	410	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35591.d
Report Date: 21-Mar-2013 12:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35591.d
Lab Smp Id: 460-52450-F-33-C Client Smp ID: PMP-13-NE-SD
Inj Date : 20-MAR-2013 22:19
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-33-C
Misc Info : 460-52450-F-33-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 14
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	15.04000	Weight of sample extracted (g)
M	18.99827	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.130	3.101	(0.714)	1748936	72.9626	6000
$ 17 Phenol-d5 (SUR)	99	4.023	4.035	(0.918)	2038056	74.1759	6100
* 79 1,4-Dichlorobenzene-d4	152	4.382	4.394	(1.000)	707003	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	981671	41.3702	3400
* 80 Naphthalene-d8	136	5.668	5.675	(1.000)	2233005	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.910)	1646540	40.9321	3400
* 82 Acenaphthene-d10	164	7.419	7.425	(1.000)	1185911	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.105)	406925	82.5357	6800
115 n-Octadecane	57	8.771	8.777	(0.987)	4433	0.19885	16(a)
* 83 Phenanthrene-d10	188	8.882	8.888	(1.000)	1362708	40.0000	
52 Phenanthrene	178	8.906	8.912	(1.003)	4582	0.12336	10(a)
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	874752	41.5607	3400
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	664786	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35591.d
Report Date: 21-Mar-2013 12:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.606	13.607	(1.000)	506091	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35591.d

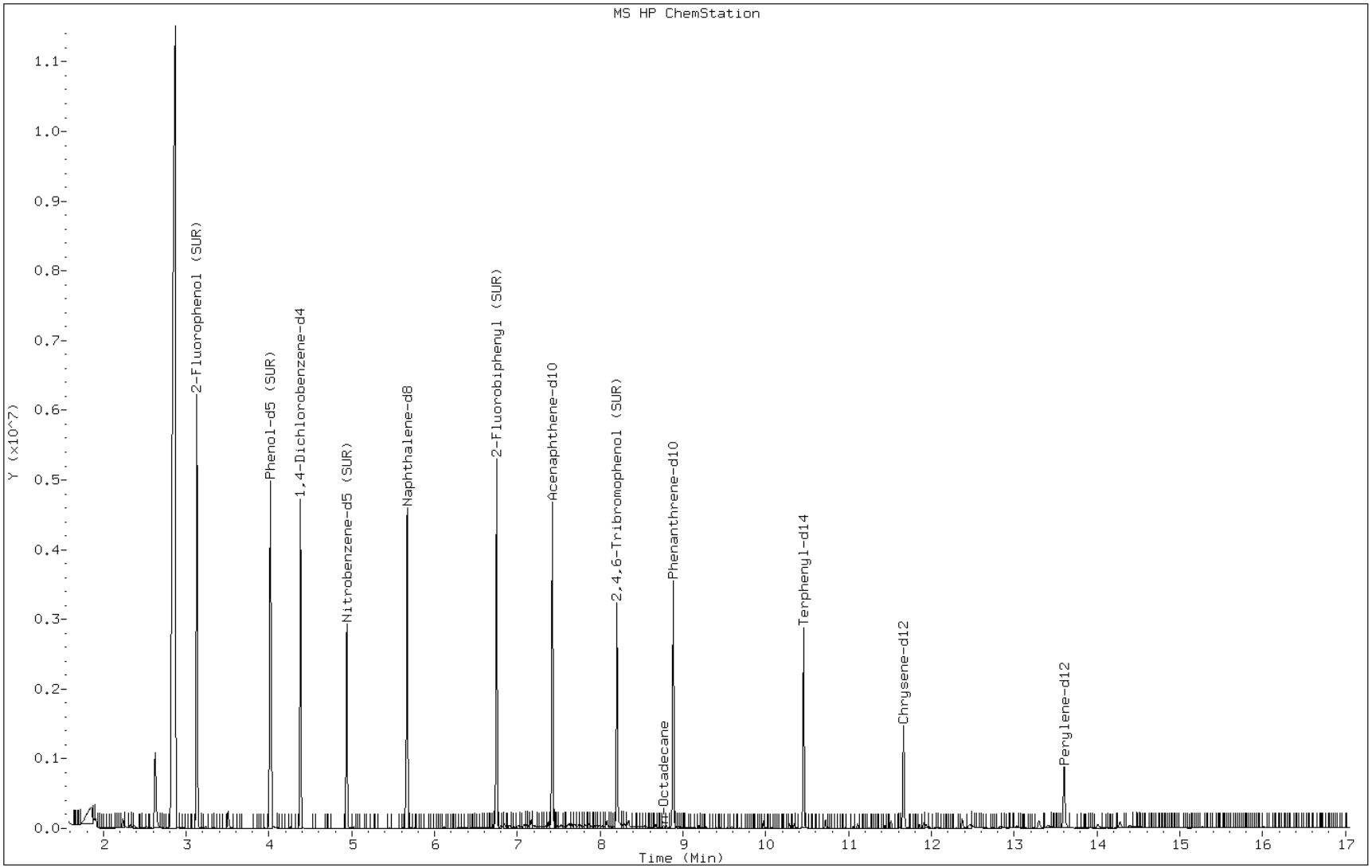
Date: 20-MAR-2013 22:19

Client ID: PMP-13-NE-SD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-33-C

Operator: BNAMS 4



Data File: p35591.d

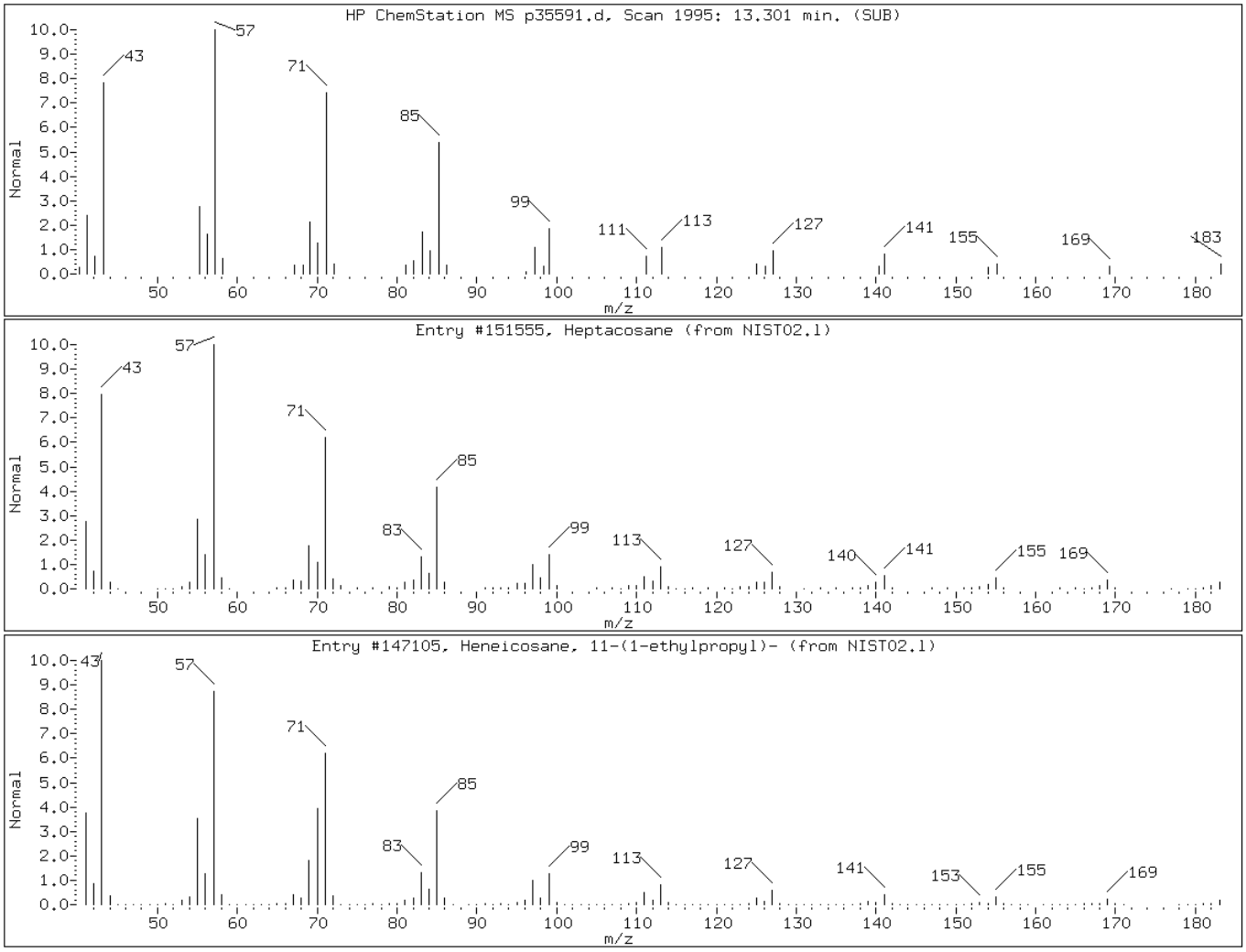
Date: 20-MAR-2013 22:19

Client ID: PMP-13-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-33-C Operator: BNAMS 4

Retention Time: 13.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Heptacosane	593-49-7	NIST02.l	151555	91	C27H56	380
Heneicosane, 11-(1-ethylpropyl)-	55282-11-6	NIST02.l	147105	91	C26H54	366



Data File: p35591.d

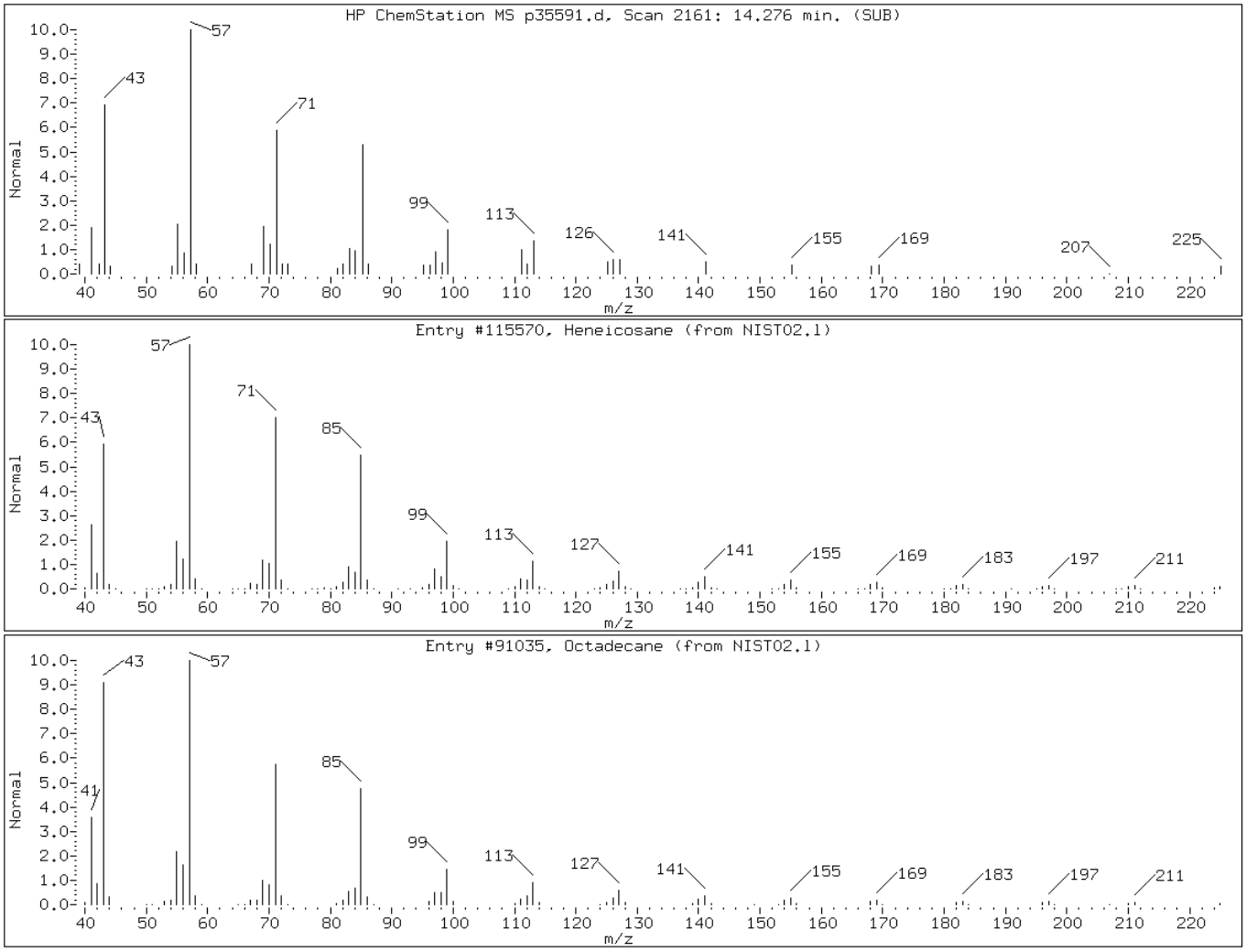
Date: 20-MAR-2013 22:19

Client ID: PMP-13-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-33-C Operator: BNAMS 4

Retention Time: 14.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heneicosane	629-94-7	NIST02.l	115570	87	C21H44	296
Octadecane	593-45-3	NIST02.l	91035	86	C18H38	254



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD | Lab Sample ID: 460-52450-34

Matrix: Solid | Lab File ID: p35592.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:15

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 22:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.0	U	35	4.0
95-50-1	1,2-Dichlorobenzene	41	U	350	41
541-73-1	1,3-Dichlorobenzene	32	U	350	32
106-46-7	1,4-Dichlorobenzene	40	U	350	40
121-14-2	2,4-Dinitrotoluene	12	U	71	12
606-20-2	2,6-Dinitrotoluene	11	U	71	11
91-58-7	2-Chloronaphthalene	39	U	350	39
91-57-6	2-Methylnaphthalene	45	U	350	45
88-74-4	2-Nitroaniline	150	U	710	150
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
99-09-2	3-Nitroaniline	120	U	710	120
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
106-47-8	4-Chloroaniline	93	U	350	93
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
83-32-9	Acenaphthene	51	U	350	51
208-96-8	Acenaphthylene	42	U	350	42
120-12-7	Anthracene	43	U	350	43
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
108-60-1	bis (2-chloroisopropyl) ether	39	U	350	39
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
85-68-7	Butyl benzyl phthalate	32	U	350	32
86-74-8	Carbazole	42	U	350	42
218-01-9	Chrysene	41	U	350	41
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
131-11-3	Dimethyl phthalate	42	U	350	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD | Lab Sample ID: 460-52450-34

Matrix: Solid | Lab File ID: p35592.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:15

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 22:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	350	43
117-84-0	Di-n-octyl phthalate	22	U	350	22
206-44-0	Fluoranthene	47	U	350	47
86-73-7	Fluorene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
67-72-1	Hexachloroethane	3.9	U	35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
78-59-1	Isophorone	43	U	350	43
91-20-3	Naphthalene	41	U	350	41
98-95-3	Nitrobenzene	5.0	U	35	5.0
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-01-8	Phenanthrene	45	U	350	45
129-00-0	Pyrene	29	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	81		40-109
4165-60-0	Nitrobenzene-d5	82		38-105
1718-51-0	Terphenyl-d14	77		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD | Lab Sample ID: 460-52450-34

Matrix: Solid | Lab File ID: p35592.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:15

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 22:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35592.d
Report Date: 21-Mar-2013 13:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35592.d
Lab Smp Id: 460-52450-F-34-C Client Smp ID: PMP-16-NE-VD
Inj Date : 20-MAR-2013 22:44
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-34-C
Misc Info : 460-52450-F-34-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 15
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	15.03000	Weight of sample extracted (g)
M	6.06618	% Moisture

Cpnd Variable Local Compound Variable

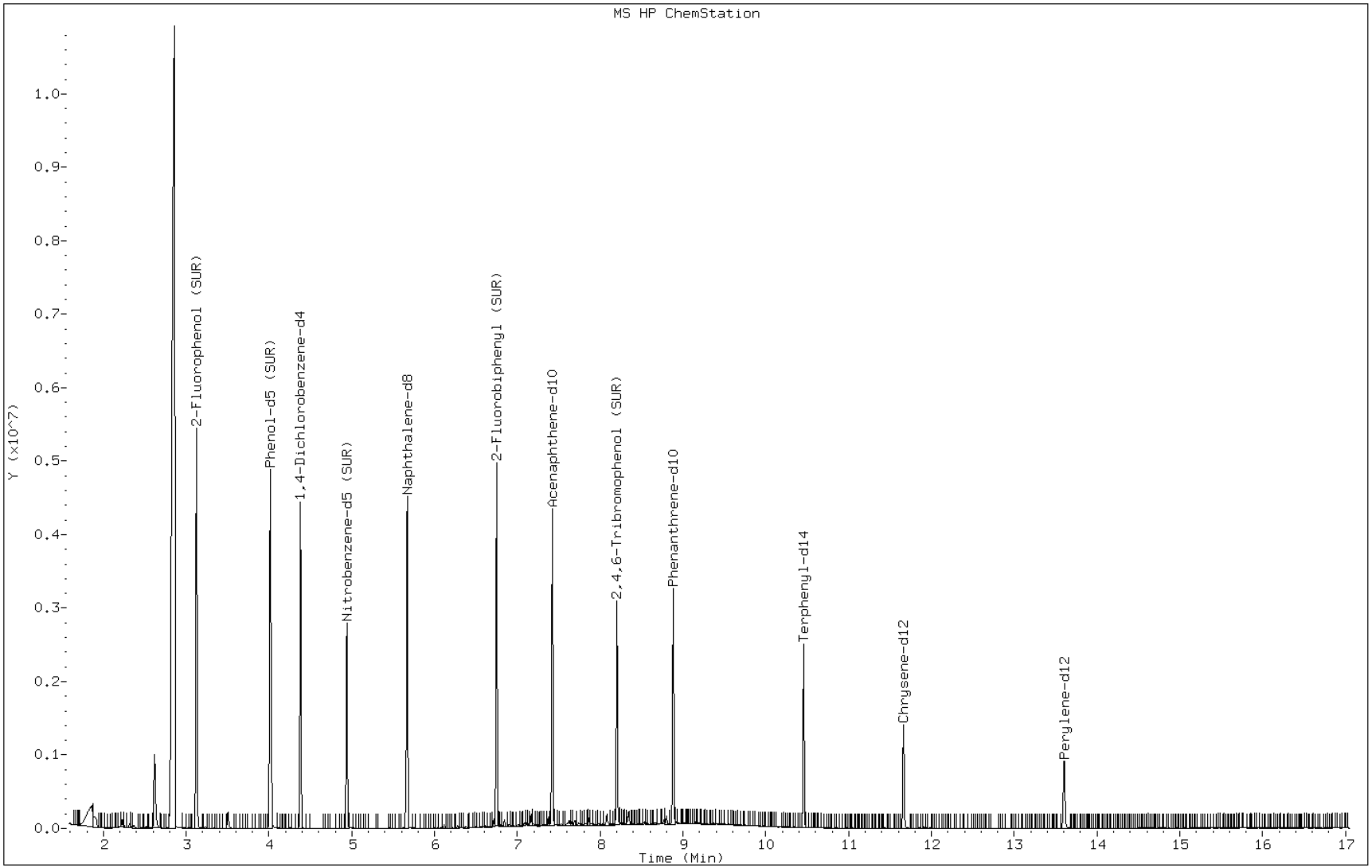
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.124	3.101	(0.713)	1645584	73.1423	5200
$ 17 Phenol-d5 (SUR)	99	4.017	4.035	(0.917)	1946830	75.4913	5300
* 79 1,4-Dichlorobenzene-d4	152	4.382	4.394	(1.000)	663589	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	907582	41.0417	2900
* 80 Naphthalene-d8	136	5.668	5.675	(1.000)	2080999	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.910)	1536139	40.5233	2900
* 82 Acenaphthene-d10	164	7.419	7.425	(1.000)	1117557	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.105)	357918	77.0360	5400
* 83 Phenanthrene-d10	188	8.882	8.888	(1.000)	1226295	40.0000	
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	788300	38.6984	2700
* 81 Chrysene-d12	240	11.667	11.674	(1.000)	643395	40.0000	
* 84 Perylene-d12	264	13.606	13.607	(1.000)	532485	40.0000	

Data File: p35592.d

Date: 20-MAR-2013 22:44

Client ID: PMP-16-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-34-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT | Lab Sample ID: 460-52450-35

Matrix: Solid | Lab File ID: p35629.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.05(g) | Date Analyzed: 03/21/2013 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.2	U	37	4.2
95-50-1	1,2-Dichlorobenzene	43	U	370	43
541-73-1	1,3-Dichlorobenzene	34	U	370	34
106-46-7	1,4-Dichlorobenzene	42	U	370	42
121-14-2	2,4-Dinitrotoluene	12	U	76	12
606-20-2	2,6-Dinitrotoluene	11	U	76	11
91-58-7	2-Chloronaphthalene	42	U	370	42
91-57-6	2-Methylnaphthalene	48	U	370	48
88-74-4	2-Nitroaniline	160	U	760	160
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
99-09-2	3-Nitroaniline	130	U	760	130
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
106-47-8	4-Chloroaniline	99	U	370	99
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
83-32-9	Acenaphthene	54	U	370	54
208-96-8	Acenaphthylene	44	U	370	44
120-12-7	Anthracene	45	U	370	45
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
108-60-1	bis (2-chloroisopropyl) ether	41	U	370	41
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
86-74-8	Carbazole	44	U	370	44
218-01-9	Chrysene	44	U	370	44
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	44	U	370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT | Lab Sample ID: 460-52450-35

Matrix: Solid | Lab File ID: p35629.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.05(g) | Date Analyzed: 03/21/2013 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	46	U	370	46
117-84-0	Di-n-octyl phthalate	24	U	370	24
206-44-0	Fluoranthene	50	U	370	50
86-73-7	Fluorene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
87-68-3	Hexachlorobutadiene	9.1	U	76	9.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
67-72-1	Hexachloroethane	4.1	U	37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
78-59-1	Isophorone	45	U	370	45
91-20-3	Naphthalene	43	U	370	43
98-95-3	Nitrobenzene	5.3	U	37	5.3
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-01-8	Phenanthrene	1300		370	47
129-00-0	Pyrene	170	J	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	89		40-109
4165-60-0	Nitrobenzene-d5	85		38-105
1718-51-0	Terphenyl-d14	68		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT | Lab Sample ID: 460-52450-35

Matrix: Solid | Lab File ID: p35629.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.05(g) | Date Analyzed: 03/21/2013 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 107900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-4	8.07	6100	J
	Unknown Alkane-5	8.34	32000	J
	Unknown Alkane-6	8.51	4900	J
	Unknown Alkane-7	8.54	3300	J
	Unknown Alkane-8	8.79	22000	J
	Unknown Alkane-9	9.13	5800	J
	Unknown-3	9.19	4300	J
	Unknown Alkane-10	9.22	5000	J
	C15H12 PAH-1	9.36	4500	J
	C15H12 PAH-2	9.39	3900	J
	C15H12 PAH-3	9.47	4500	J
	C15H12 PAH-4	9.49	2900	J
	Unknown-4	9.63	2800	J
	Unknown Alkane-11	9.85	2800	J
	C16H14 PAH	9.90	3100	J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35629.d
Report Date: 22-Mar-2013 14:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35629.d
Lab Smp Id: 460-52450-F-35-C Client Smp ID: PMP-16-NE-WT
Inj Date : 21-MAR-2013 14:51
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-35-C
Misc Info : 460-52450-F-35-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/8270C_11.m
Meth Date : 21-Mar-2013 06:41 asfawa Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.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	15.05000	Weight of sample extracted (g)
M	11.59930	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.095	3.060	(0.711)	1612215	74.5505	5600
$ 17 Phenol-d5 (SUR)	99	3.988	4.006	(0.916)	1858105	74.9581	5600
* 79 1,4-Dichlorobenzene-d4	152	4.353	4.358	(1.000)	637852	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.911	4.928	(0.871)	853808	42.7068	3200
* 80 Naphthalene-d8	136	5.639	5.645	(1.000)	1881372	40.0000	
34 2-Methylnaphthalene	142	6.350	6.362	(1.126)	11582	0.35793	27(a)
120 1-Methylnaphthalene	142	6.450	6.462	(1.144)	8690	0.26610	20(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.720	6.726	(0.909)	1208699	44.5331	3300
125 1,3-Dimethylnaphthalene	156	7.055	7.061	(0.955)	101014	4.84856	360(a)
* 82 Acenaphthene-d10	164	7.390	7.396	(1.000)	800165	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.178	8.177	(1.107)	228106	68.5704	5200
* 83 Phenanthrene-d10	188	8.865	8.859	(1.000)	838637	40.0000	
52 Phenanthrene	178	8.888	8.882	(1.003)	397765	17.4011	1300

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35629.d
Report Date: 22-Mar-2013 14:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
57 Pyrene	202	10.275	10.275	(0.884)	50288	2.28657	170(a)
$ 78 Terphenyl-d14	244	10.428	10.422	(0.897)	520318	33.9741	2600
* 81 Chrysene-d12	240	11.626	11.626	(1.000)	483727	40.0000	
* 84 Perylene-d12	264	13.560	13.553	(1.000)	453883	40.0000	

QC Flag Legend

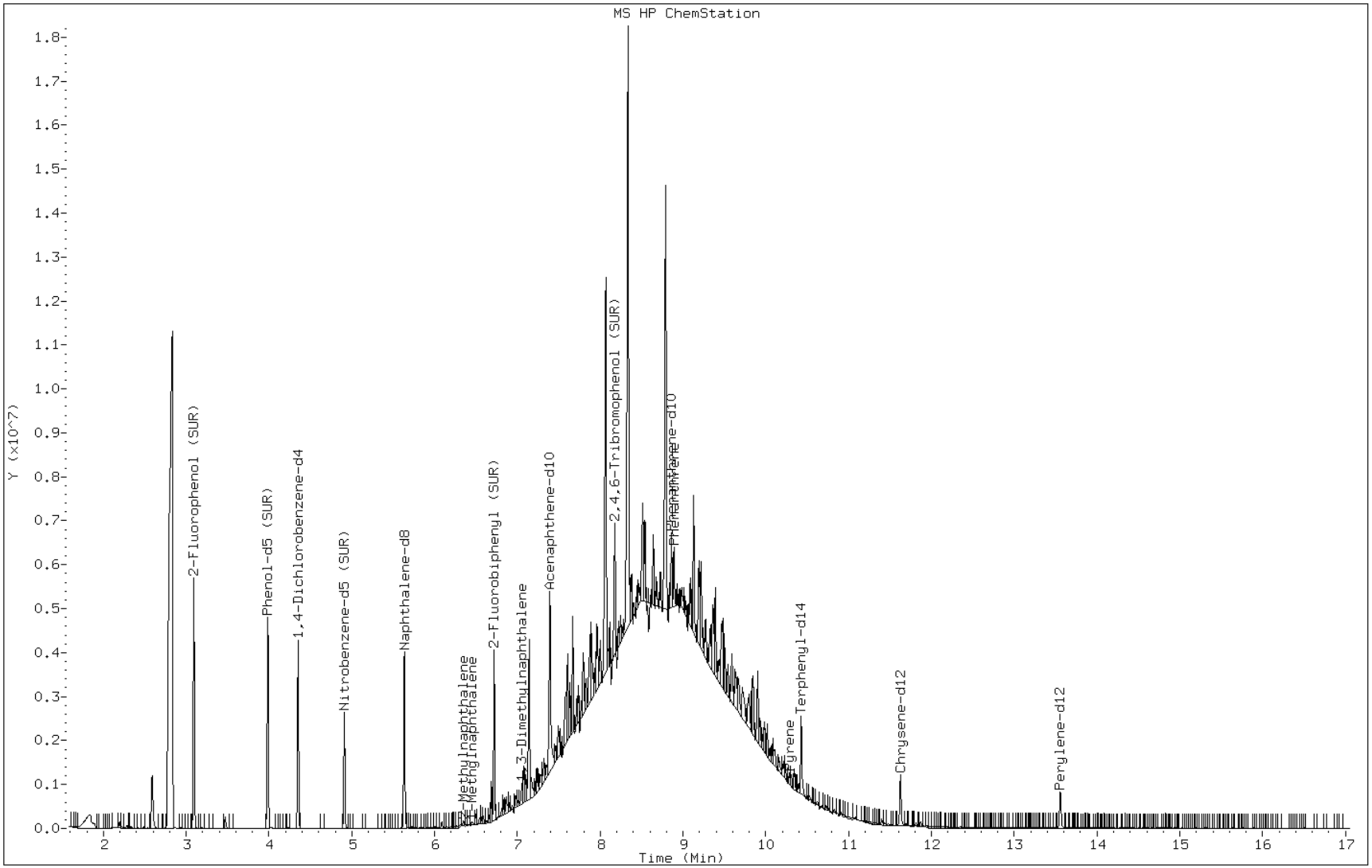
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35629.d

Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4



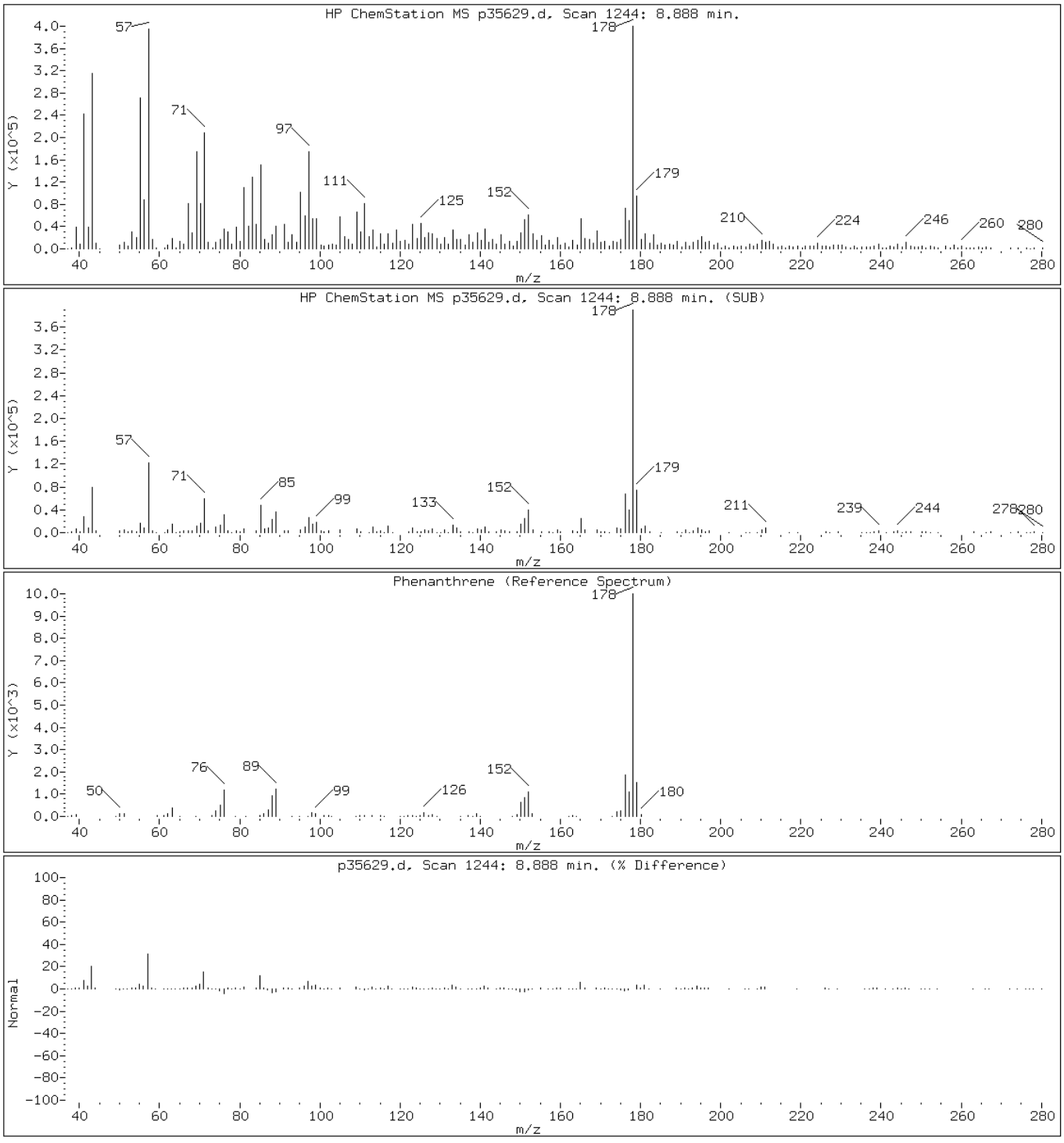
Data File: p35629.d

Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

52 Phenanthrene



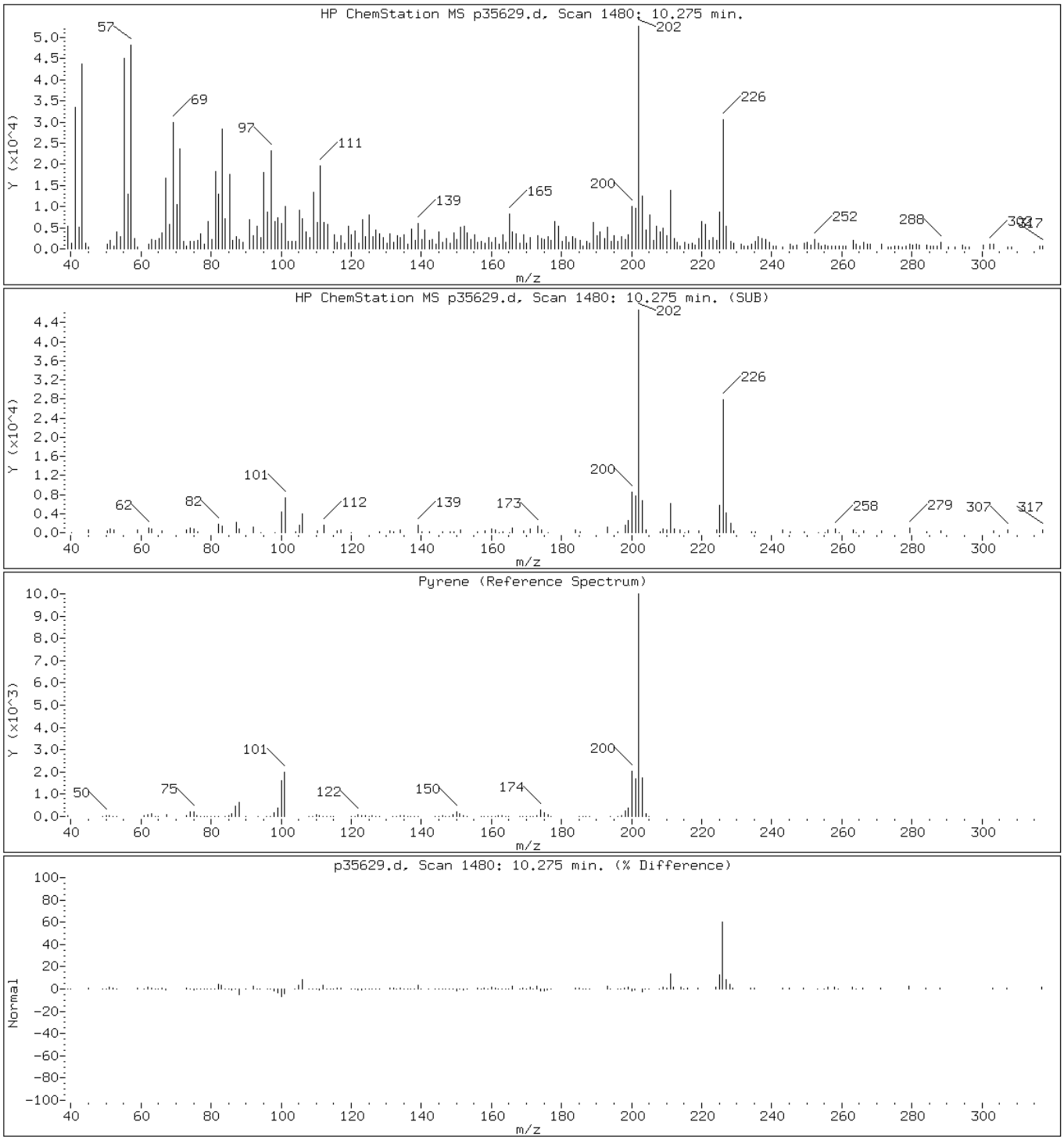
Data File: p35629.d

Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

57 Pyrene



Data File: p35629.d

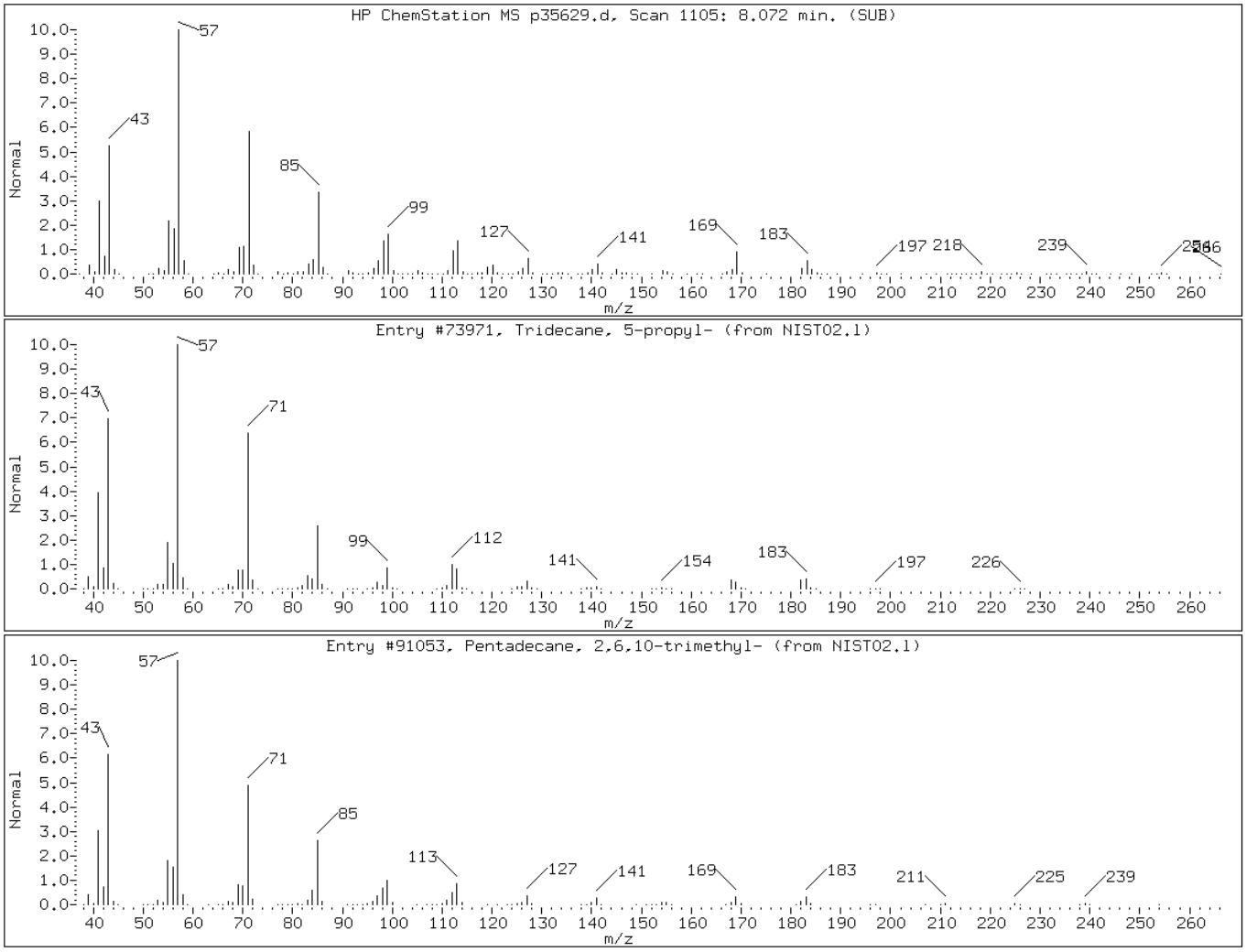
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 8.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	91	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	87	C18H38	254



Data File: p35629.d

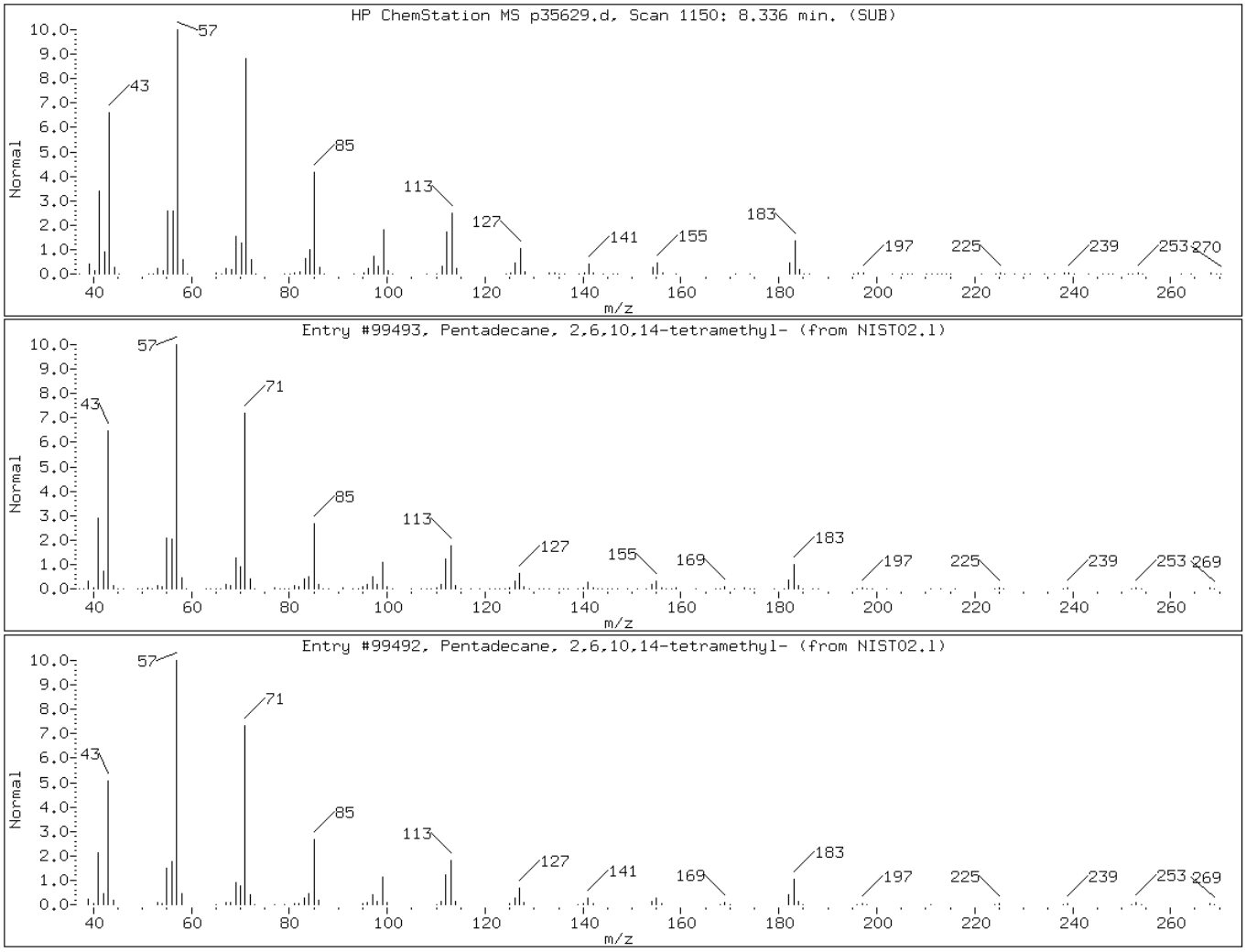
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 8.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	98	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	97	C19H40	268



Data File: p35629.d

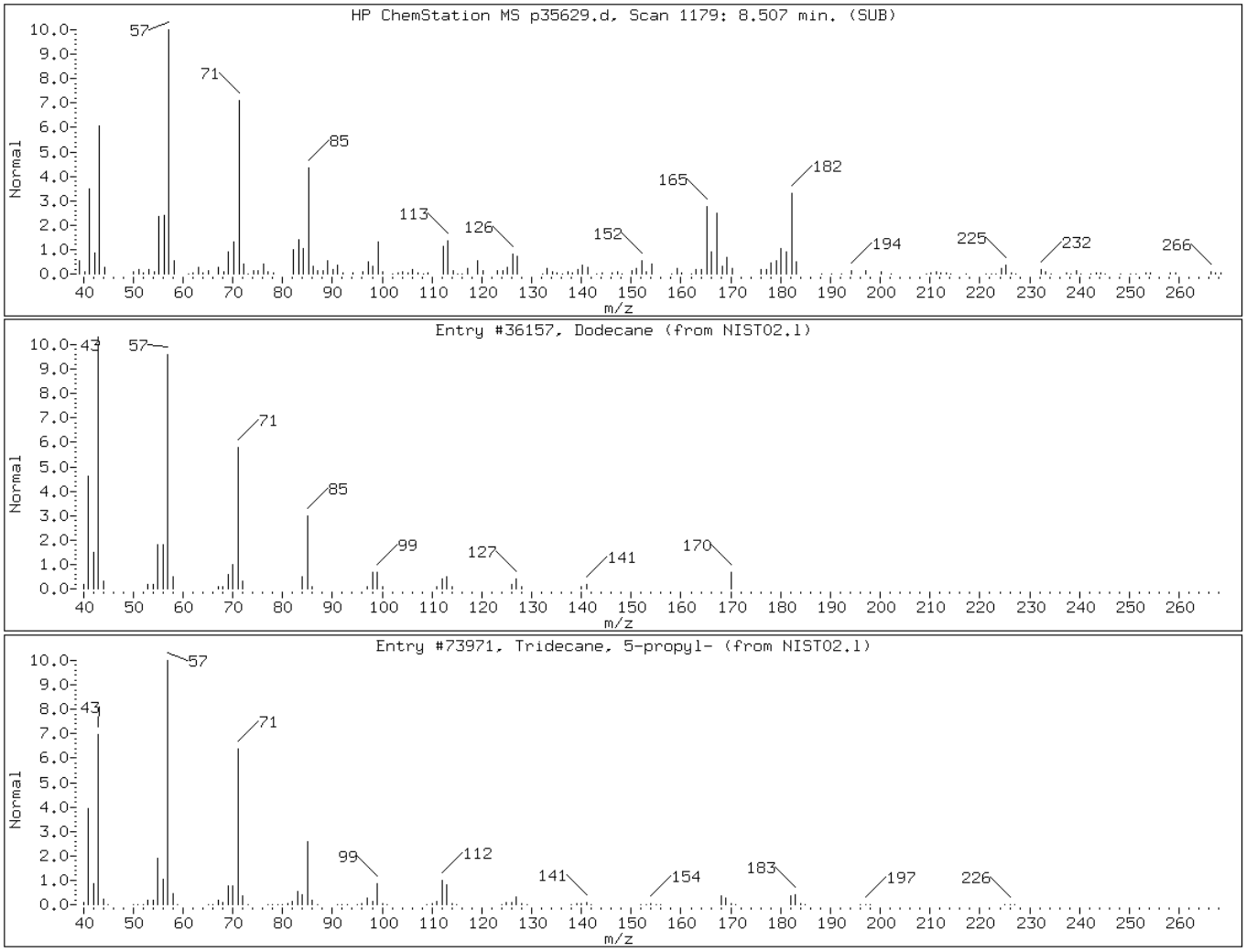
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 8.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Dodecane	112-40-3	NIST02.l	36157	70	C12H26	170
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	55	C16H34	226



Data File: p35629.d

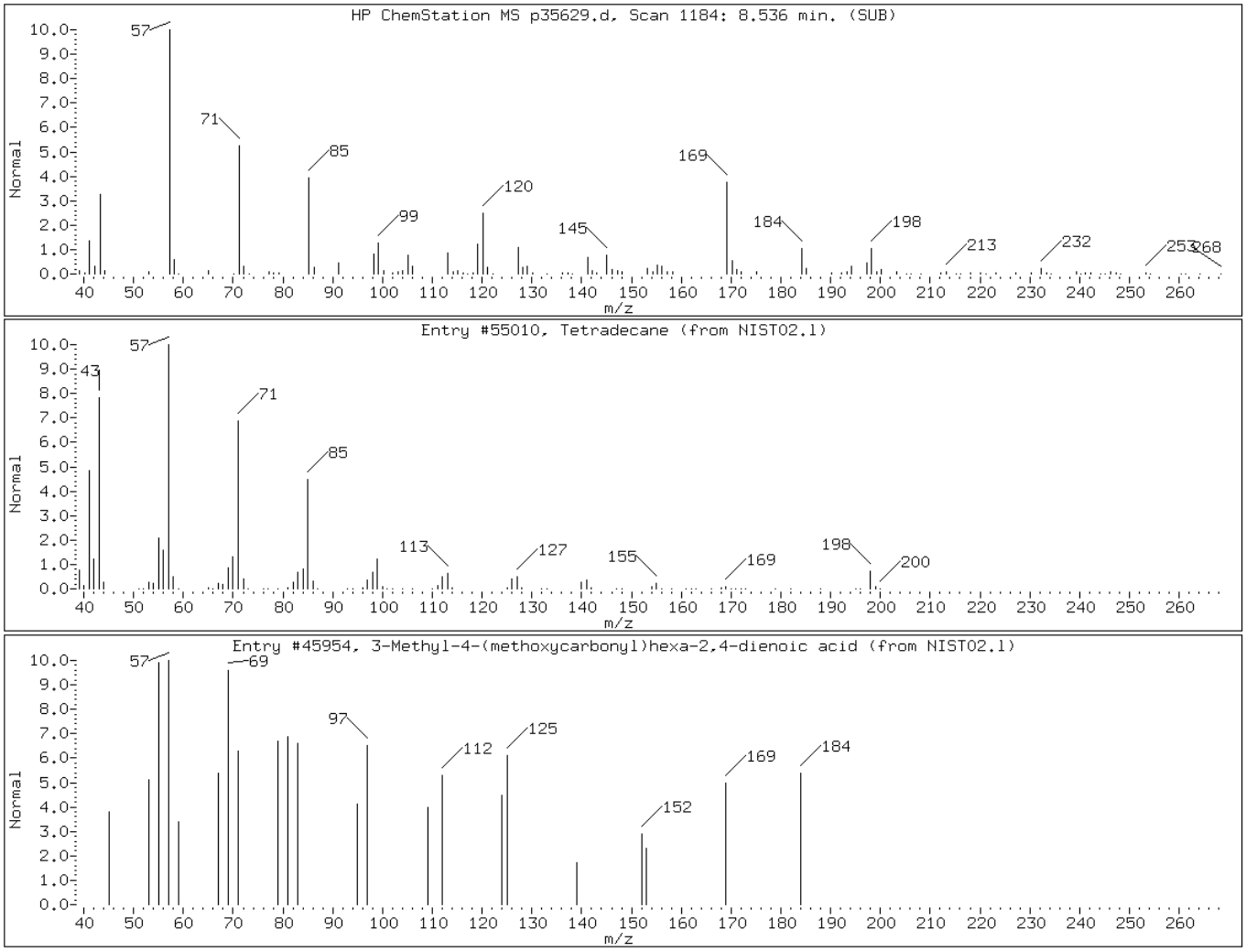
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55010	60	C14H30	198
3-Methyl-4-(methoxycarbonyl)hexa-2	1000104-10-8	NIST02.l	45954	56	C9H12O4	184



Data File: p35629.d

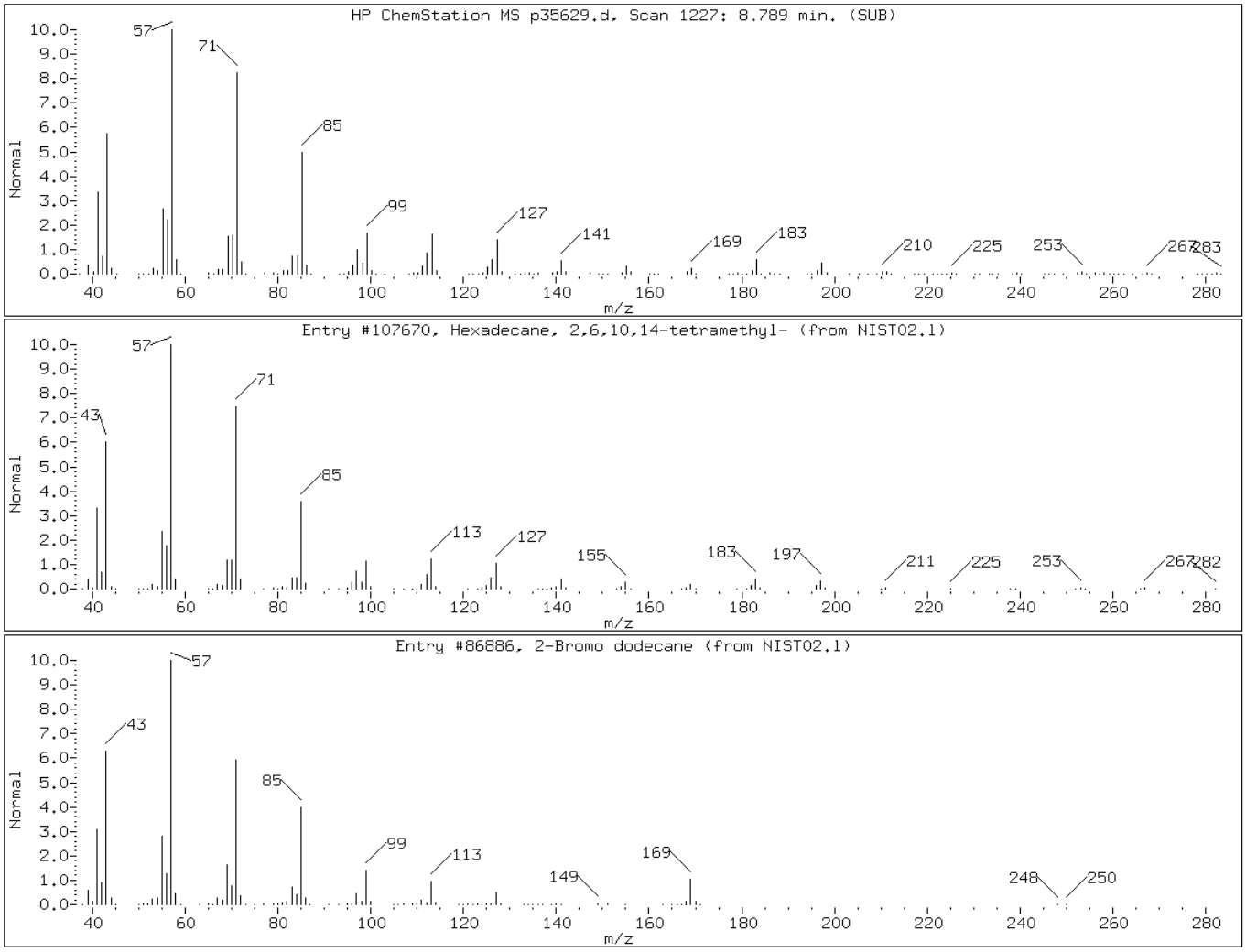
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	94	C20H42	282
2-Bromo dodecane	13187-99-0	NIST02.l	86886	93	C12H25Br	248



Data File: p35629.d

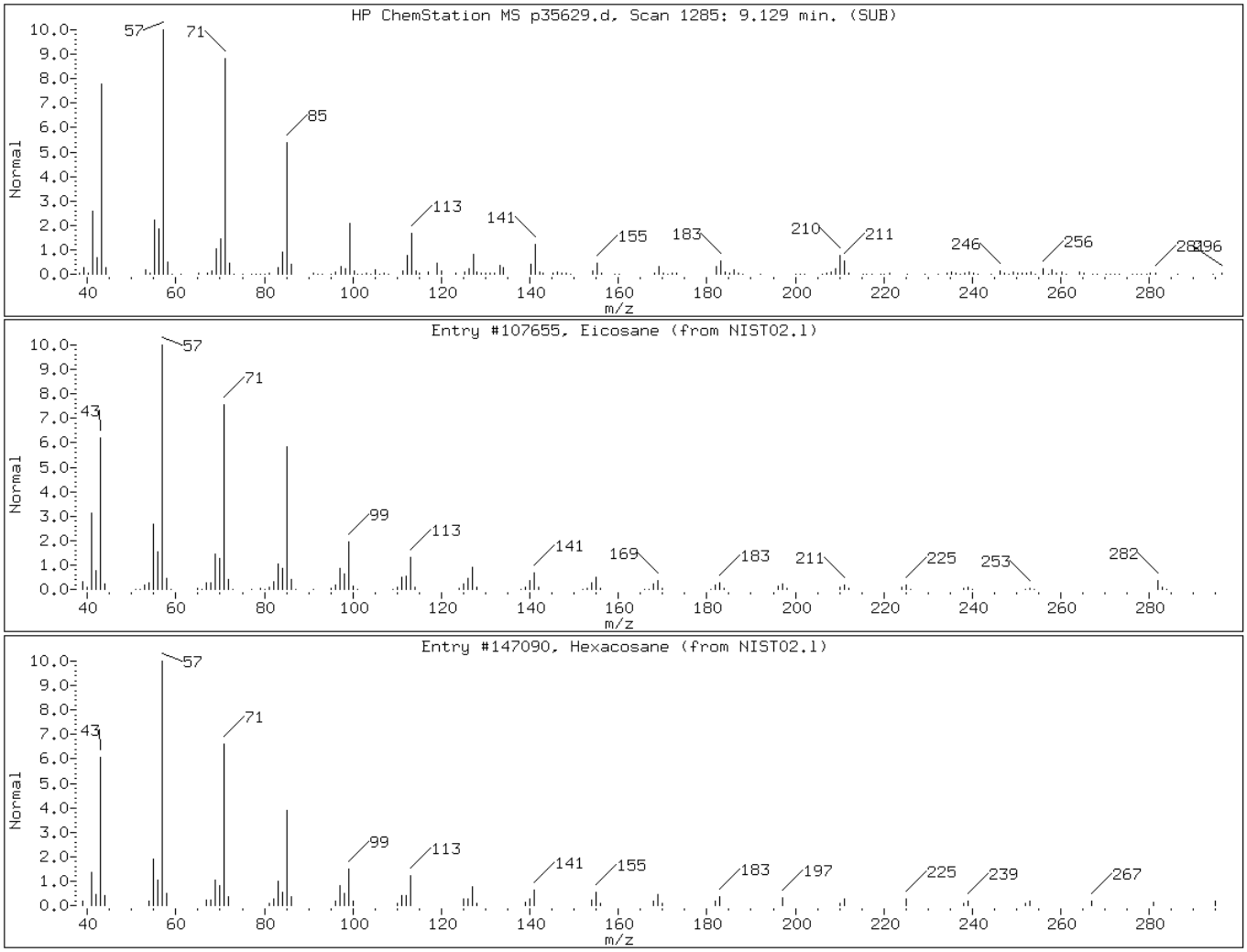
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Eicosane	112-95-8	NIST02.l	107655	91	C20H42	282
Hexacosane	630-01-3	NIST02.l	147090	90	C26H54	366



Data File: p35629.d

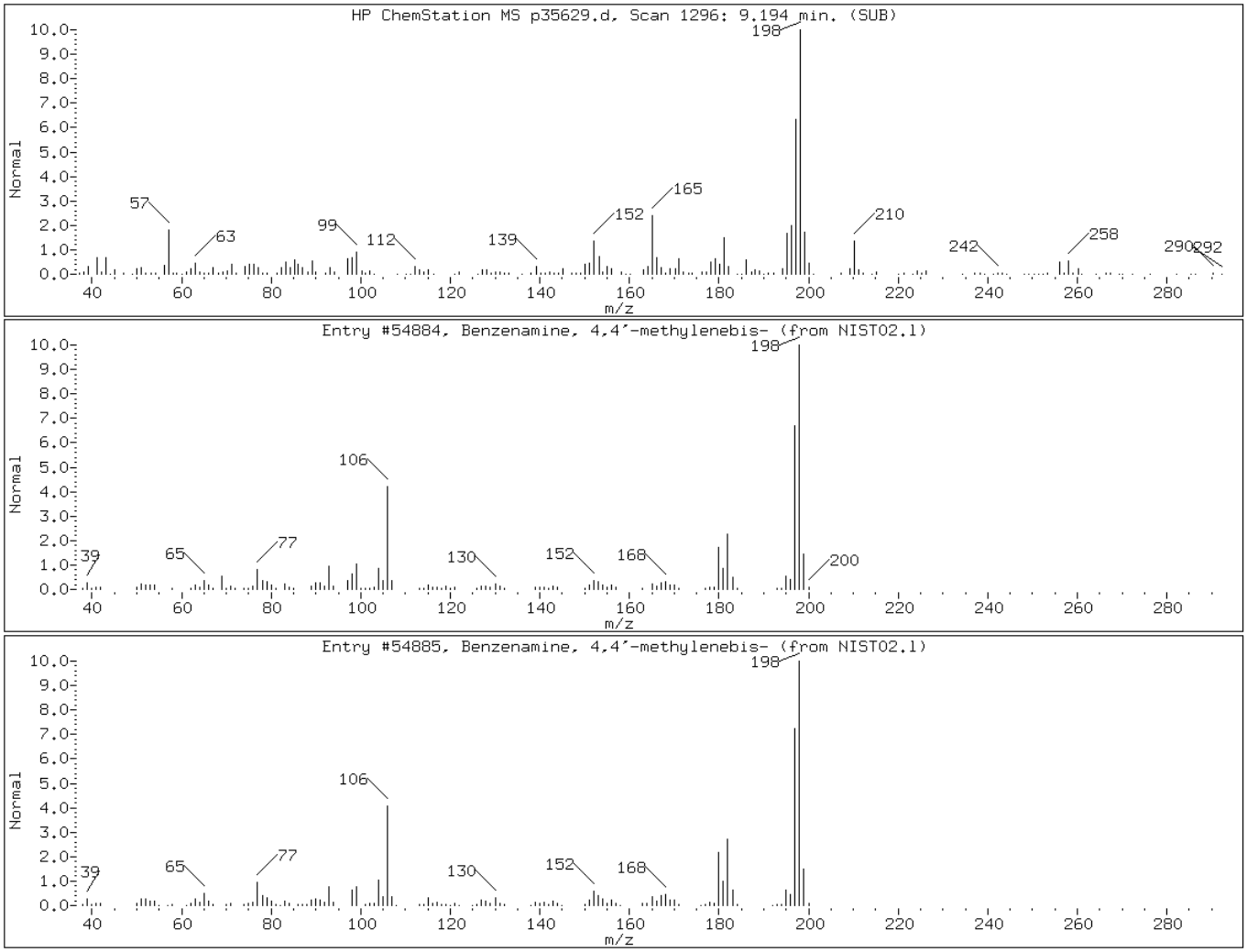
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Benzenamine, 4,4'-methylenebis-	101-77-9	NIST02.l	54884	70	C13H14N2	198
Benzenamine, 4,4'-methylenebis-	101-77-9	NIST02.l	54885	70	C13H14N2	198



Data File: p35629.d

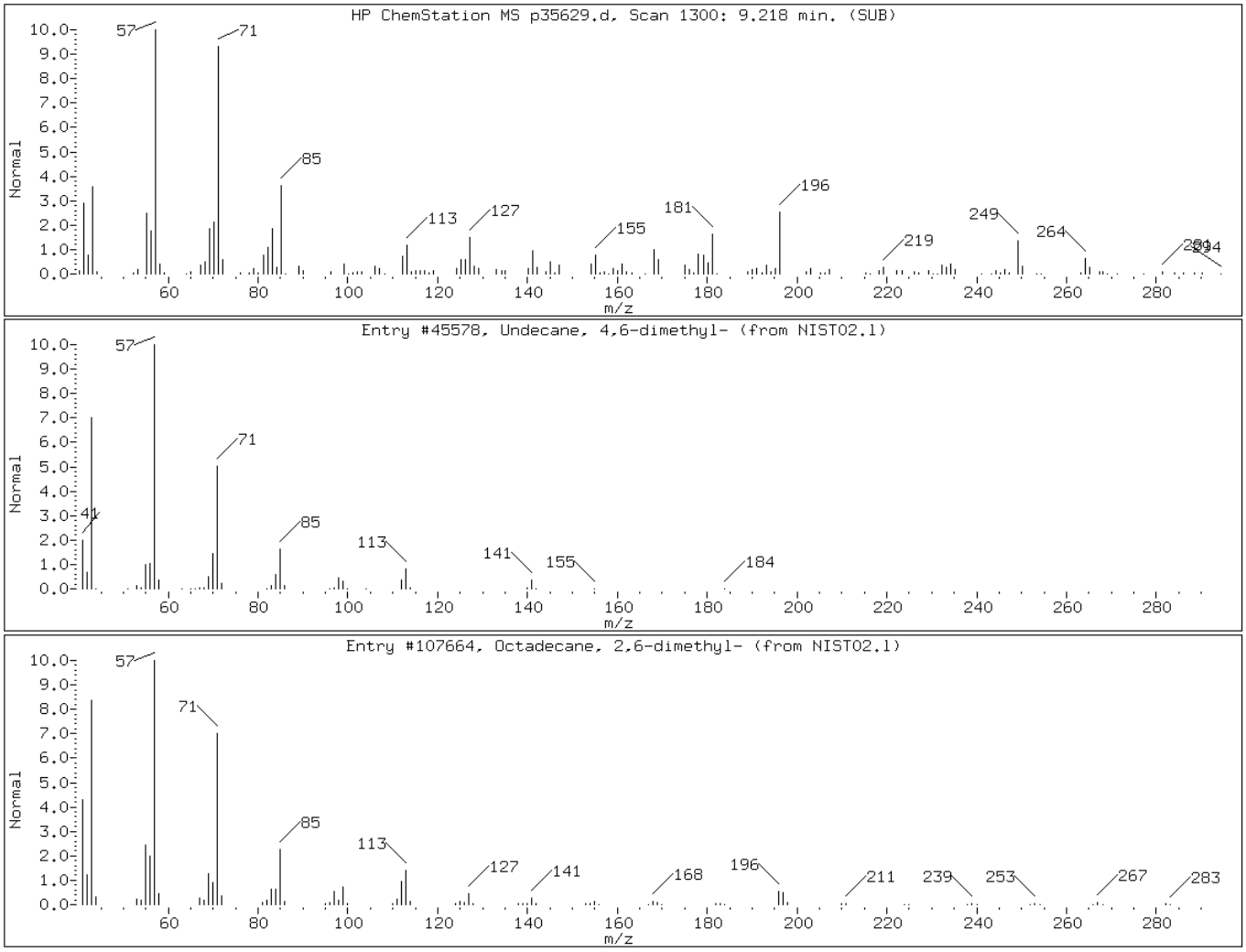
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	47	C13H28	184
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	47	C20H42	282



Data File: p35629.d

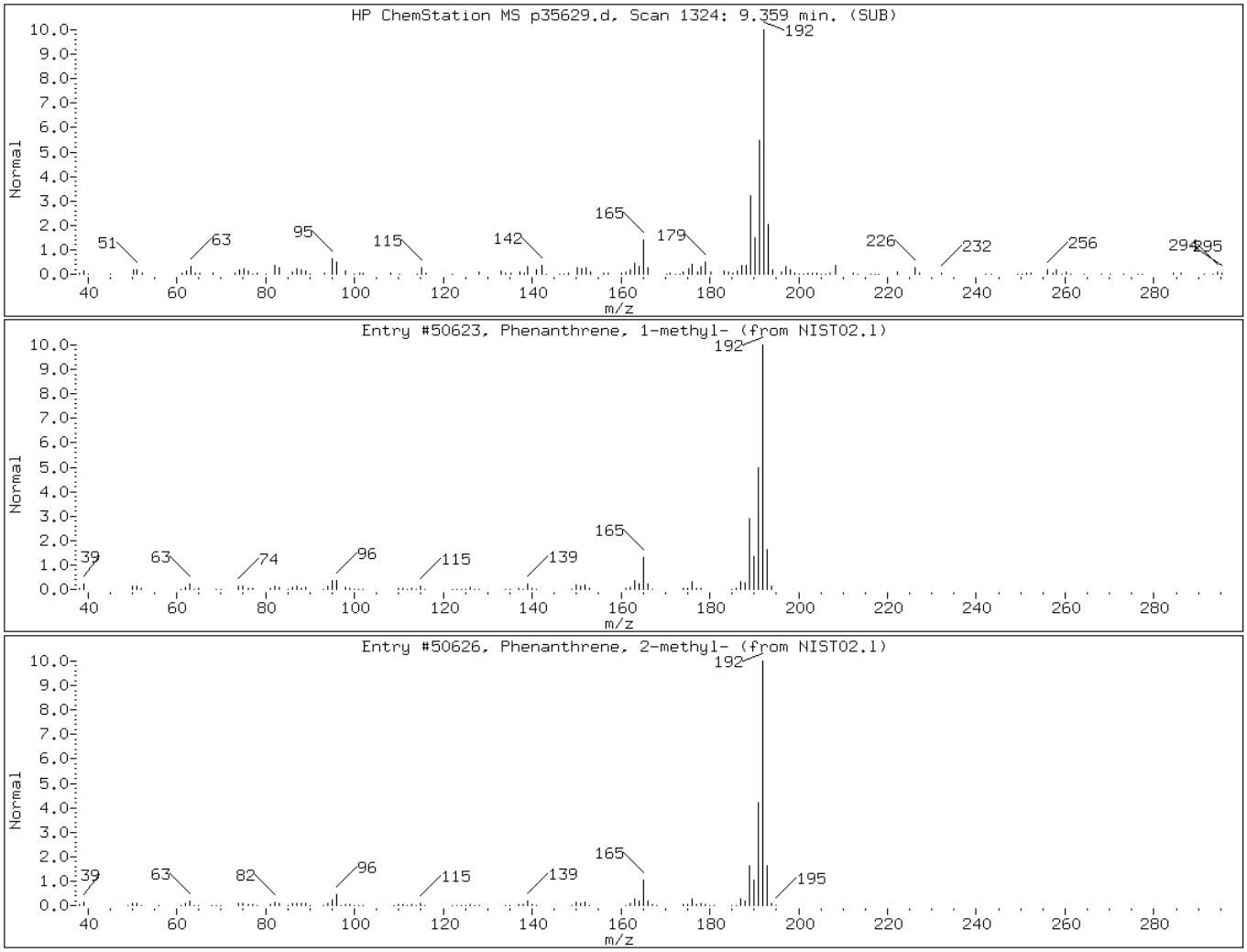
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	98	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	97	C15H12	192



Data File: p35629.d

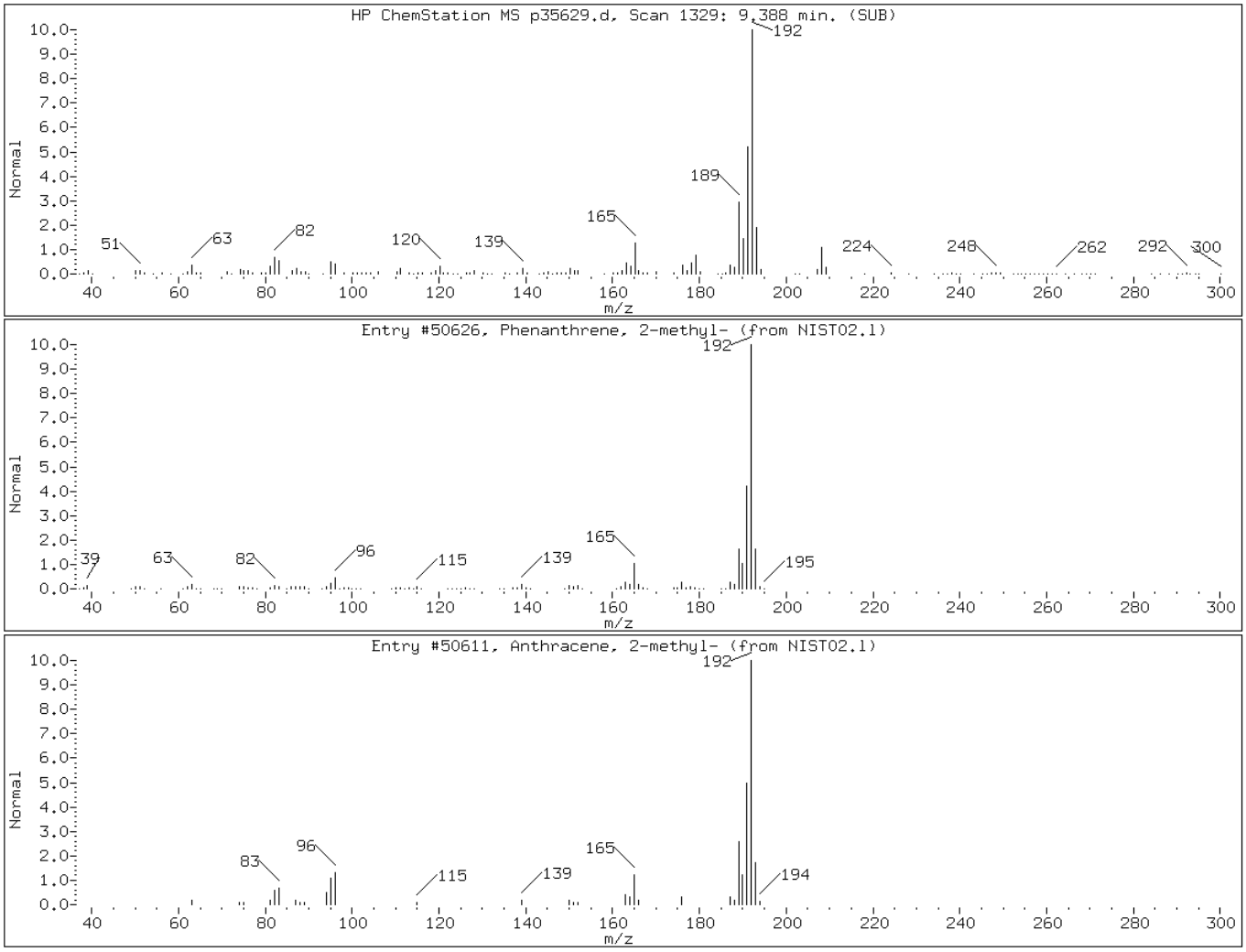
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	96	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST02.l	50611	94	C15H12	192



Data File: p35629.d

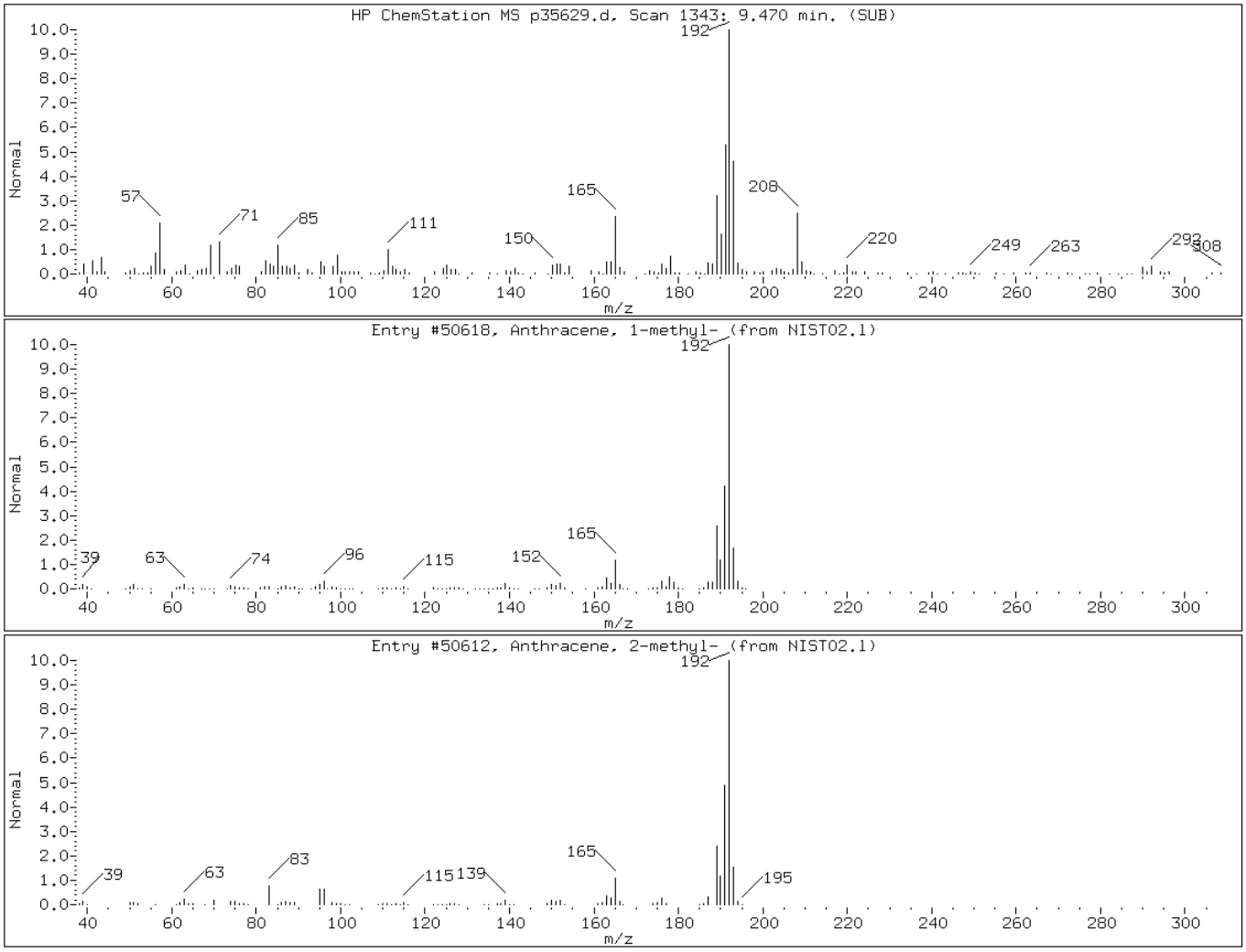
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-3						
Anthracene, 1-methyl-	610-48-0	NIST02.l	50618	64	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST02.l	50612	64	C15H12	192



Data File: p35629.d

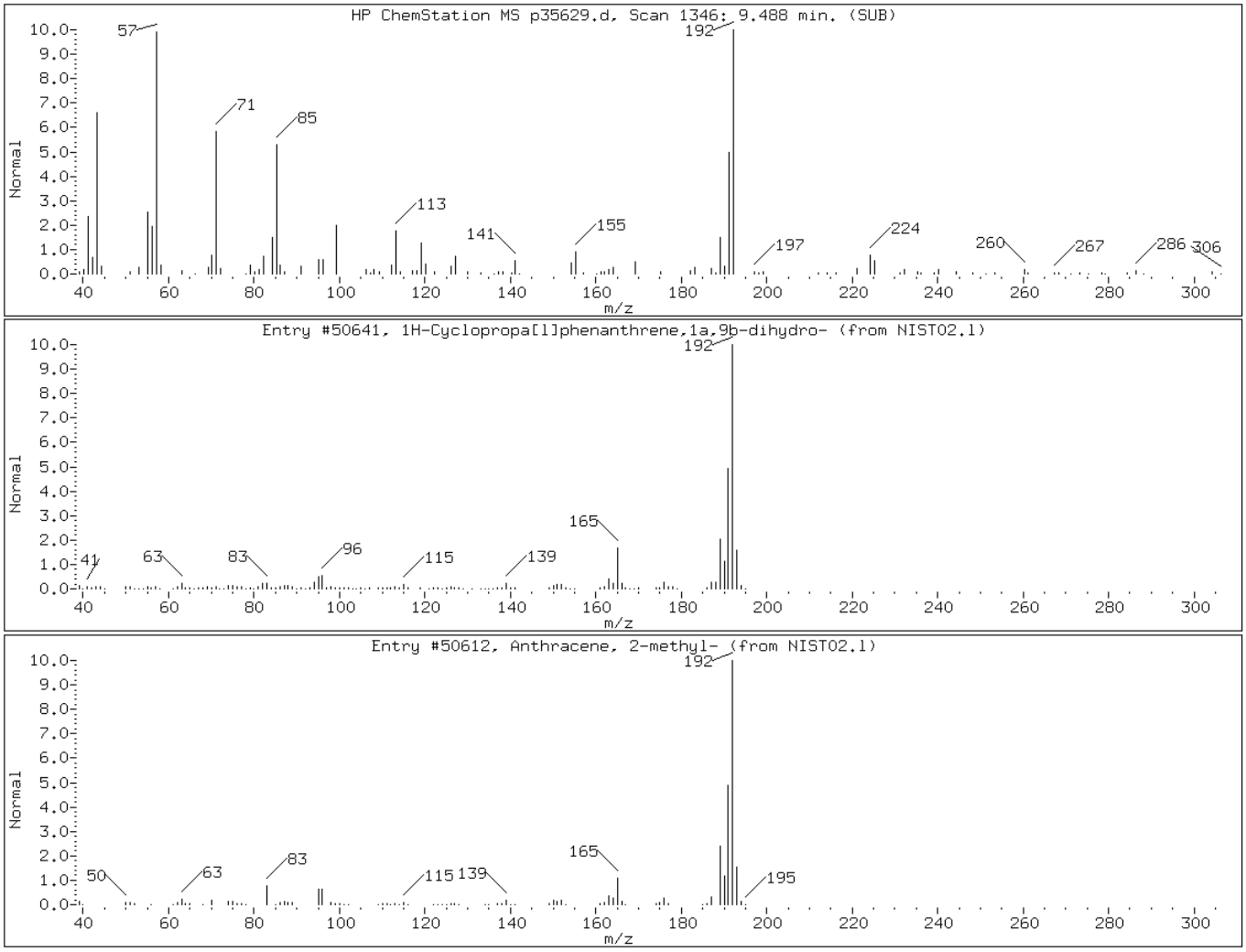
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-4						
1H-Cyclopropa[l]phenanthrene,1a,9b	949-41-7	NIST02.l	50641	35	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST02.l	50612	35	C15H12	192



Data File: p35629.d

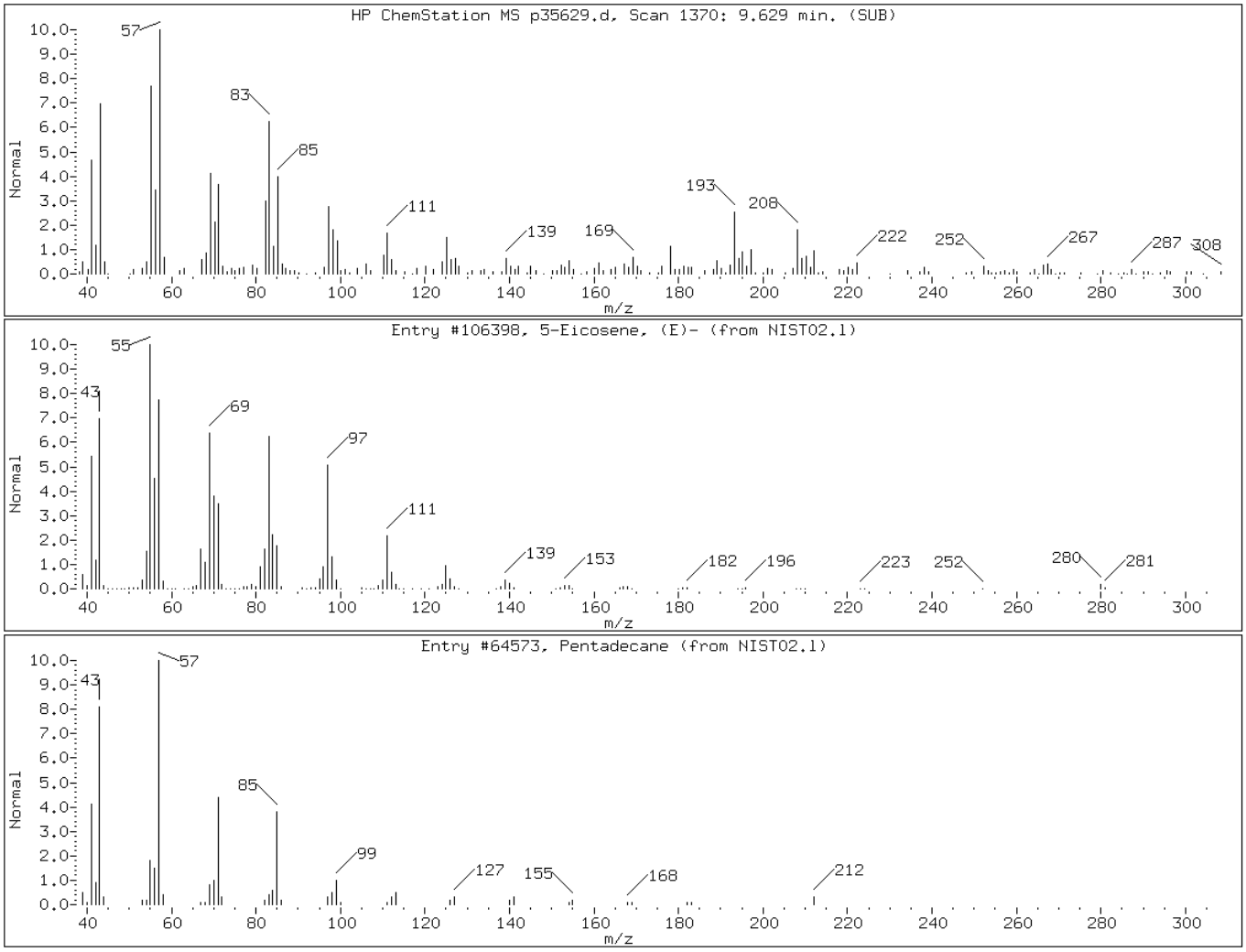
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
5-Eicosene, (E)-	74685-30-6	NIST02.l	106398	35	C20H40	280
Pentadecane	629-62-9	NIST02.l	64573	35	C15H32	212



Data File: p35629.d

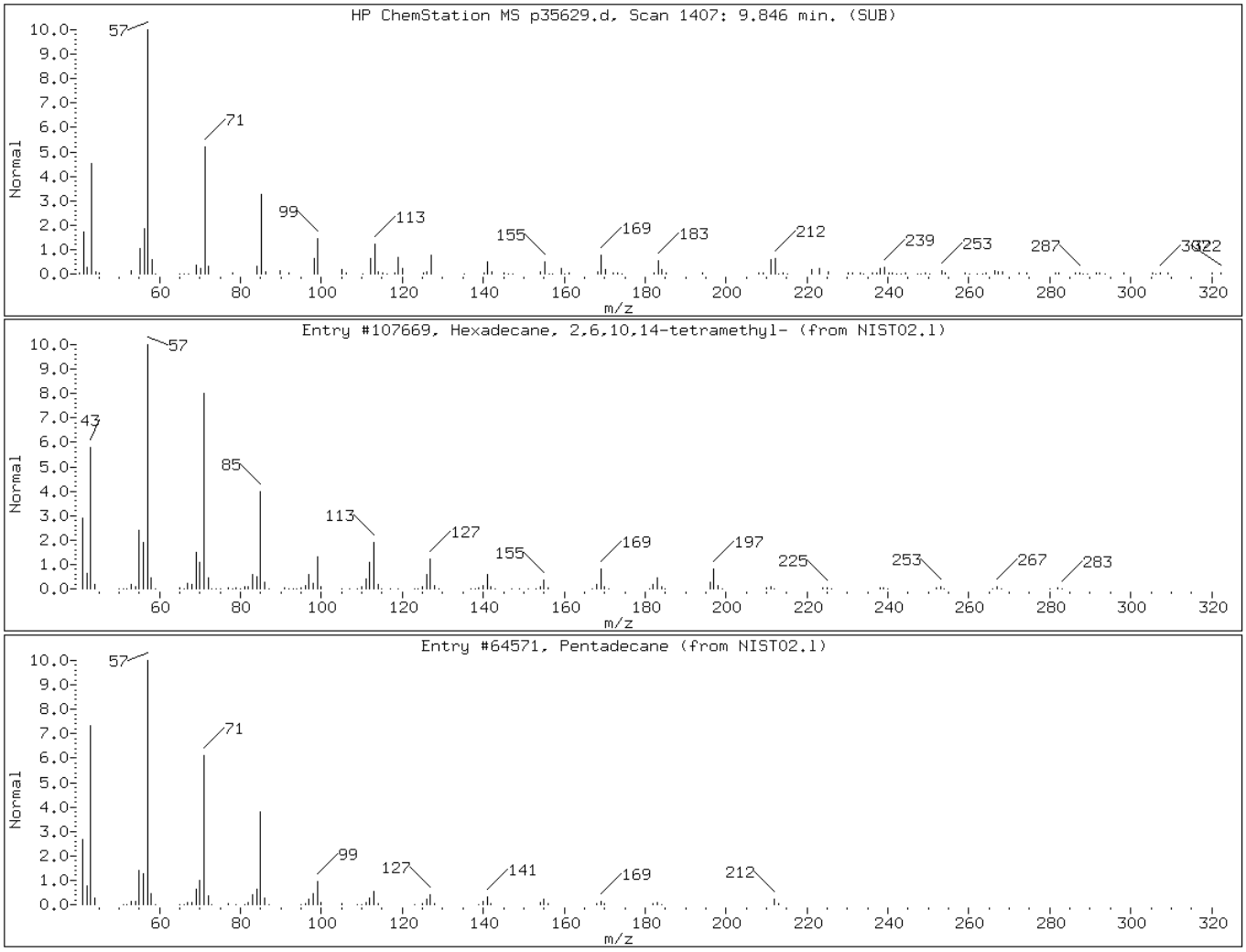
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107669	89	C20H42	282
Pentadecane	629-62-9	NIST02.l	64571	87	C15H32	212



Data File: p35629.d

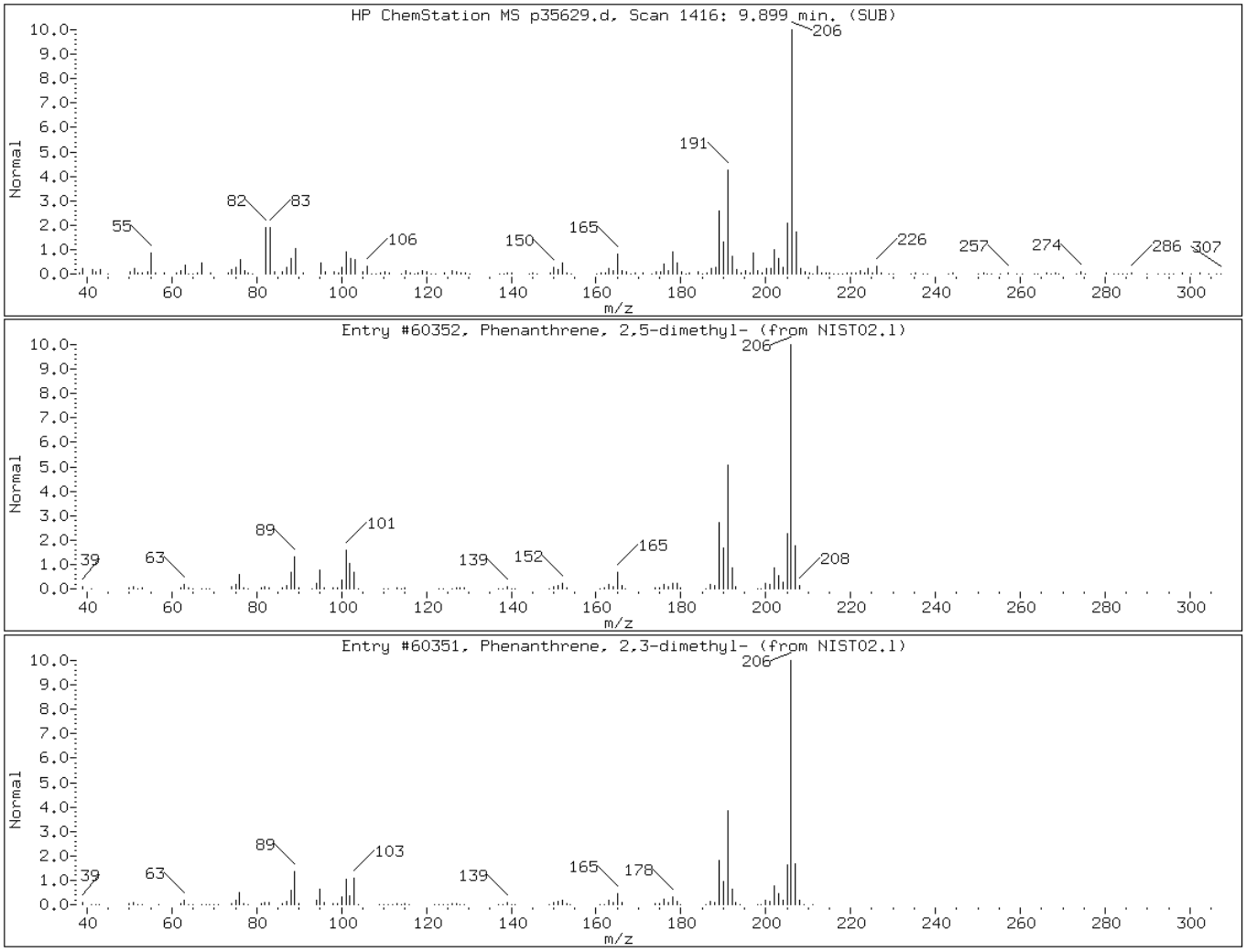
Date: 21-MAR-2013 14:51

Client ID: PMP-16-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-35-C Operator: BNAMS 4

Retention Time: 9.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H14 PAH						
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST02.l	60352	96	C16H14	206
Phenanthrene, 2,3-dimethyl-	3674-65-5	NIST02.l	60351	94	C16H14	206



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI | Lab Sample ID: 460-52450-36

Matrix: Solid | Lab File ID: p35630.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 15:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.4	U	39	4.4
95-50-1	1,2-Dichlorobenzene	45	U	390	45
541-73-1	1,3-Dichlorobenzene	35	U	390	35
106-46-7	1,4-Dichlorobenzene	44	U	390	44
121-14-2	2,4-Dinitrotoluene	13	U	78	13
606-20-2	2,6-Dinitrotoluene	12	U	78	12
91-58-7	2-Chloronaphthalene	43	U	390	43
91-57-6	2-Methylnaphthalene	50	U	390	50
88-74-4	2-Nitroaniline	160	U	780	160
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
99-09-2	3-Nitroaniline	140	U	780	140
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
106-47-8	4-Chloroaniline	100	U	390	100
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
83-32-9	Acenaphthene	56	U	390	56
208-96-8	Acenaphthylene	46	U	390	46
120-12-7	Anthracene	47	U	390	47
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
108-60-1	bis (2-chloroisopropyl) ether	43	U	390	43
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
85-68-7	Butyl benzyl phthalate	35	U	390	35
86-74-8	Carbazole	46	U	390	46
218-01-9	Chrysene	45	U	390	45
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
131-11-3	Dimethyl phthalate	46	U	390	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI | Lab Sample ID: 460-52450-36

Matrix: Solid | Lab File ID: p35630.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 15:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	48	U	390	48
117-84-0	Di-n-octyl phthalate	25	U	390	25
206-44-0	Fluoranthene	51	U	390	51
86-73-7	Fluorene	49	U	390	49
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
77-47-4	Hexachlorocyclopentadiene	45	U	390	45
67-72-1	Hexachloroethane	4.3	U	39	4.3
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
78-59-1	Isophorone	47	U	390	47
91-20-3	Naphthalene	45	U	390	45
98-95-3	Nitrobenzene	5.5	U	39	5.5
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	39	6.4
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-01-8	Phenanthrene	100	J	390	49
129-00-0	Pyrene	32	U	390	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		40-109
4165-60-0	Nitrobenzene-d5	84		38-105
1718-51-0	Terphenyl-d14	81		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI | Lab Sample ID: 460-52450-36

Matrix: Solid | Lab File ID: p35630.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:25

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 15:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

Number TICs Found: 5 | TIC Result Total: 3850

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	8.05	550	J
	Unknown Alkane-2	8.32	1500	J
	Unknown Alkane-3	8.49	380	J
	Unknown Alkane-4	8.77	1100	J
	Unknown Alkane-5	9.12	320	J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35630.d
Report Date: 22-Mar-2013 14:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35630.d
Lab Smp Id: 460-52450-F-36-C Client Smp ID: PMP-16-NE-SI
Inj Date : 21-MAR-2013 15:16
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-36-C
Misc Info : 460-52450-F-36-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/8270C_11.m
Meth Date : 21-Mar-2013 06:41 asfawa Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 25
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	14.31335	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.095	3.060	(0.711)	1788398	70.9803	5500
$ 17 Phenol-d5 (SUR)	99	3.994	4.006	(0.918)	2042177	70.7111	5500
* 79 1,4-Dichlorobenzene-d4	152	4.353	4.358	(1.000)	743146	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.911	4.928	(0.871)	993088	41.9184	3300
* 80 Naphthalene-d8	136	5.639	5.645	(1.000)	2229435	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.720	6.726	(0.909)	1586549	42.3155	3300
125 1,3-Dimethylnaphthalene	156	7.049	7.061	(0.954)	12146	0.42203	33(a)
* 82 Acenaphthene-d10	164	7.390	7.396	(1.000)	1105344	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.172	8.177	(1.106)	336646	73.2581	5700
* 83 Phenanthrene-d10	188	8.853	8.859	(1.000)	1111017	40.0000	
52 Phenanthrene	178	8.877	8.882	(1.003)	40449	1.33571	100(a)
$ 78 Terphenyl-d14	244	10.428	10.422	(0.897)	699176	40.3095	3100
* 81 Chrysene-d12	240	11.626	11.626	(1.000)	547846	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35630.d
Report Date: 22-Mar-2013 14:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.554	13.553	(1.000)	495570	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35630.d

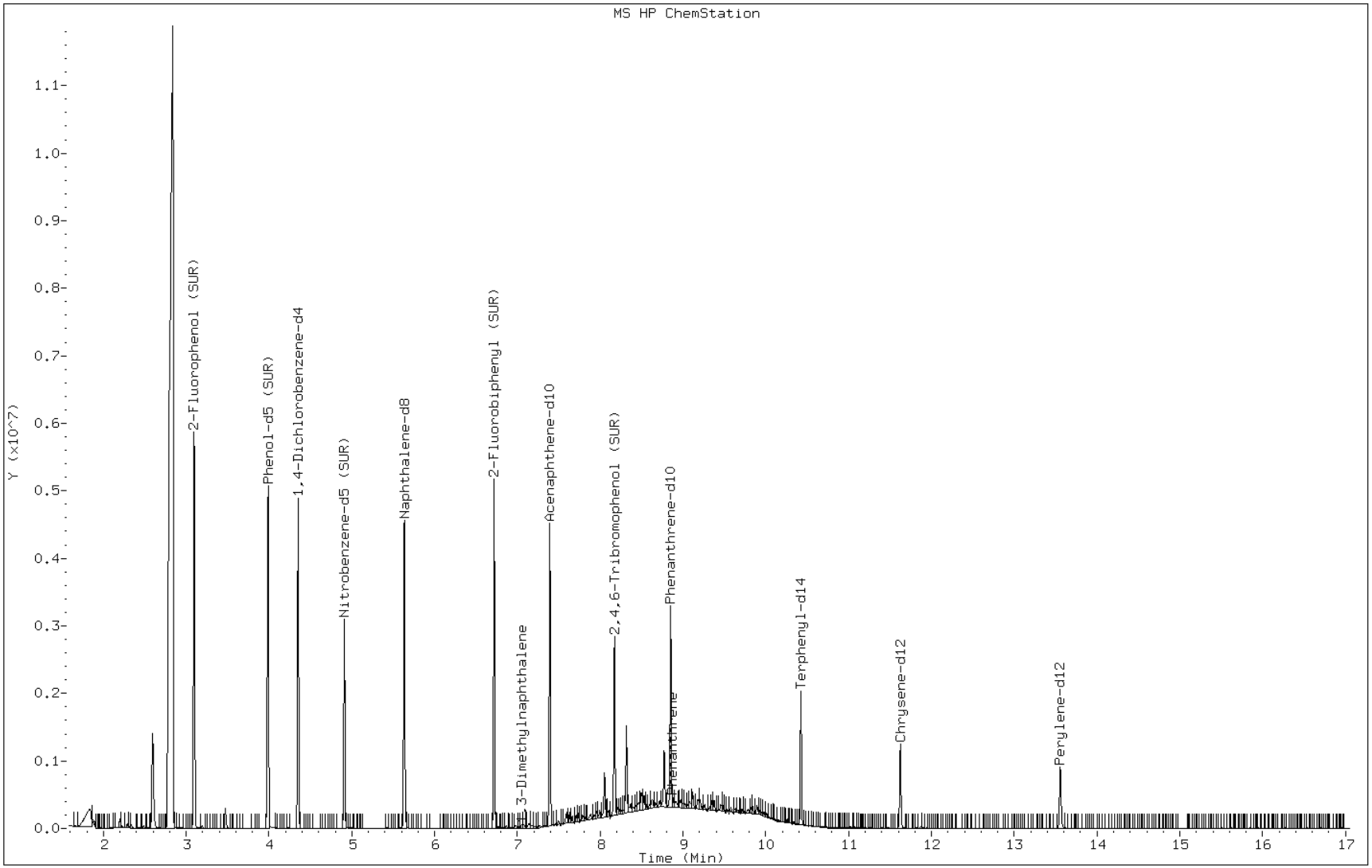
Date: 21-MAR-2013 15:16

Client ID: PMP-16-NE-SI

Instrument: BNAMS10.i

Sample Info: 460-52450-F-36-C

Operator: BNAMS 4



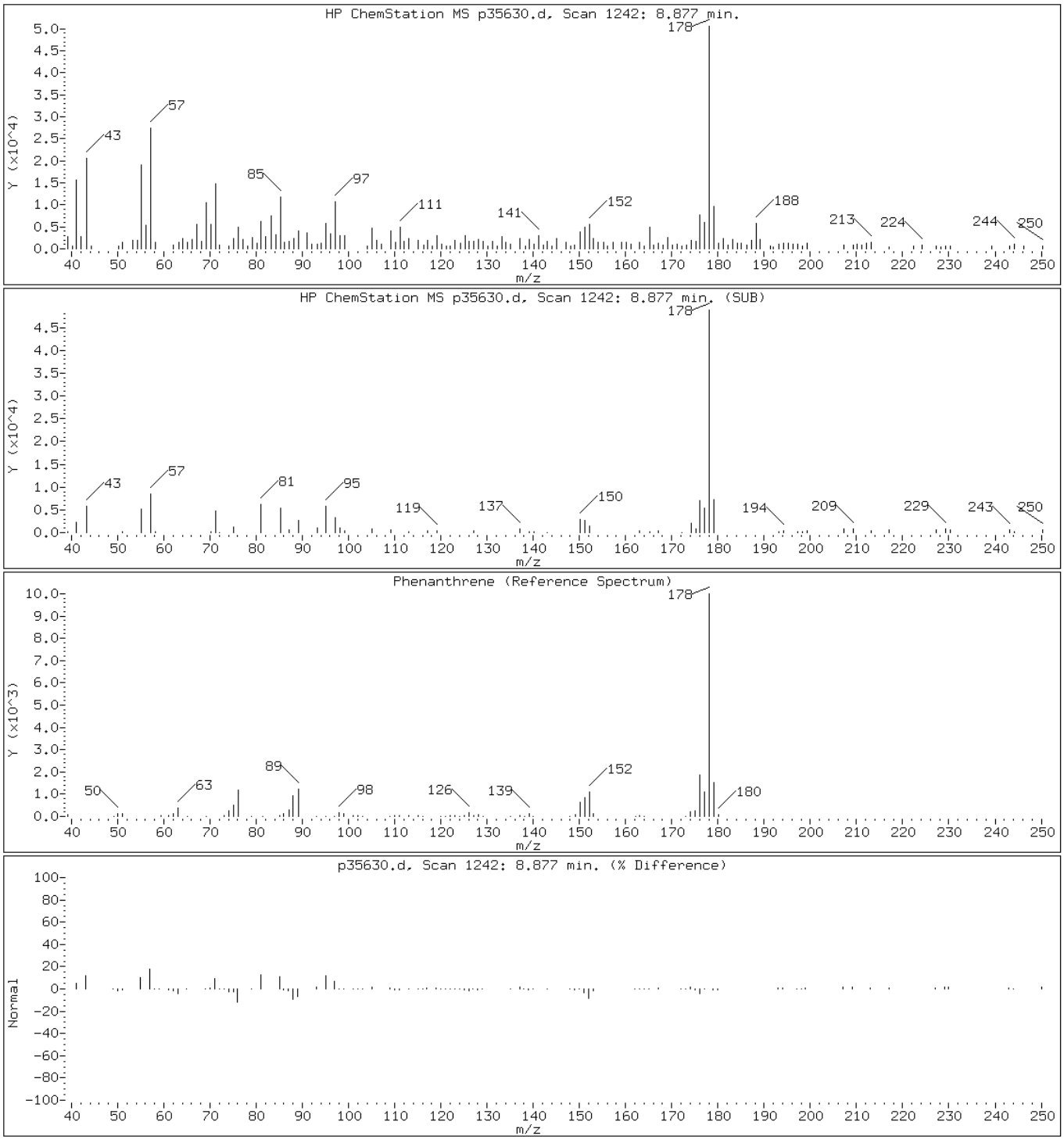
Data File: p35630.d

Date: 21-MAR-2013 15:16

Client ID: PMP-16-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-36-C Operator: BNAMS 4

52 Phenanthrene



Data File: p35630.d

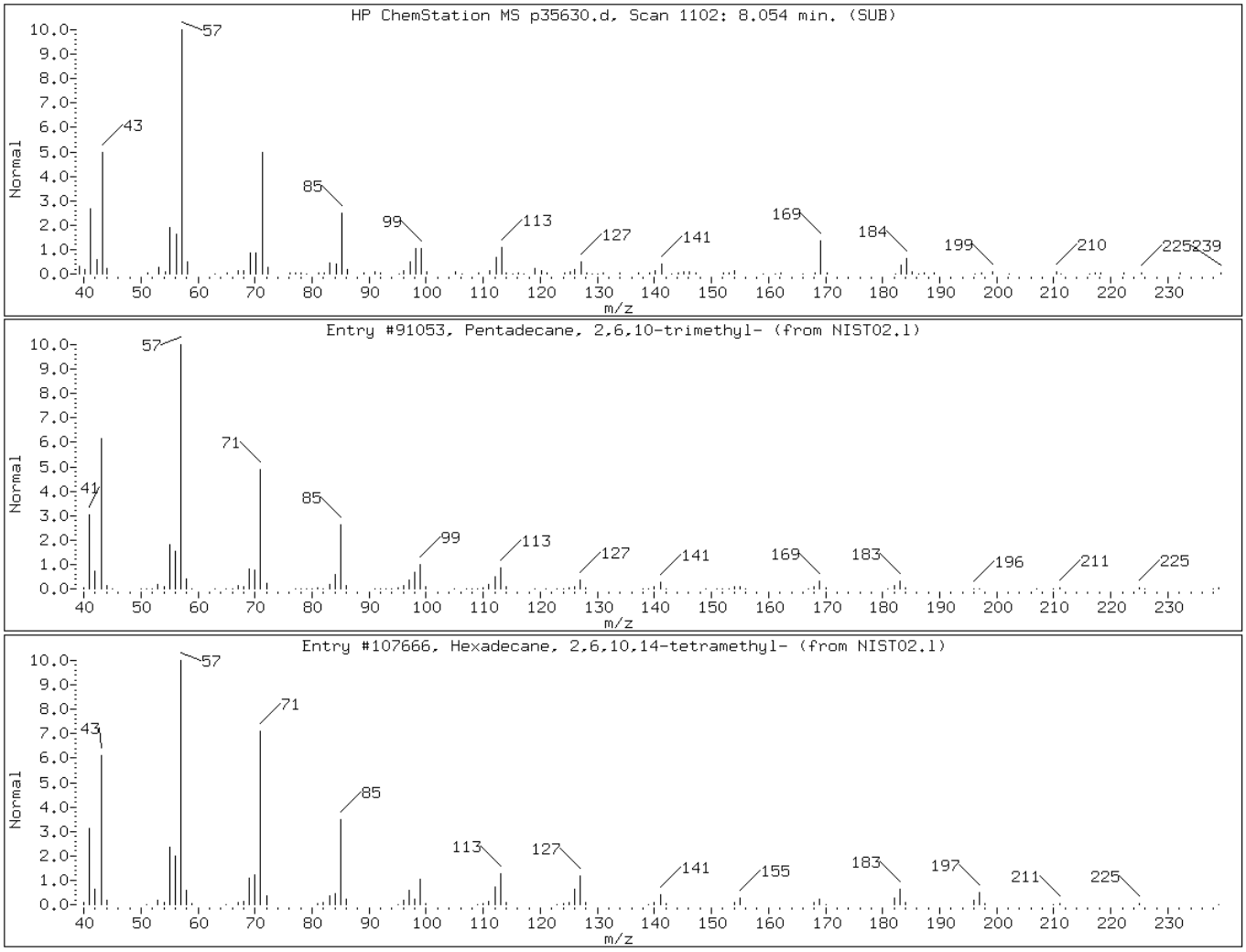
Date: 21-MAR-2013 15:16

Client ID: PMP-16-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-36-C Operator: BNAMS 4

Retention Time: 8.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	64	C20H42	282



Data File: p35630.d

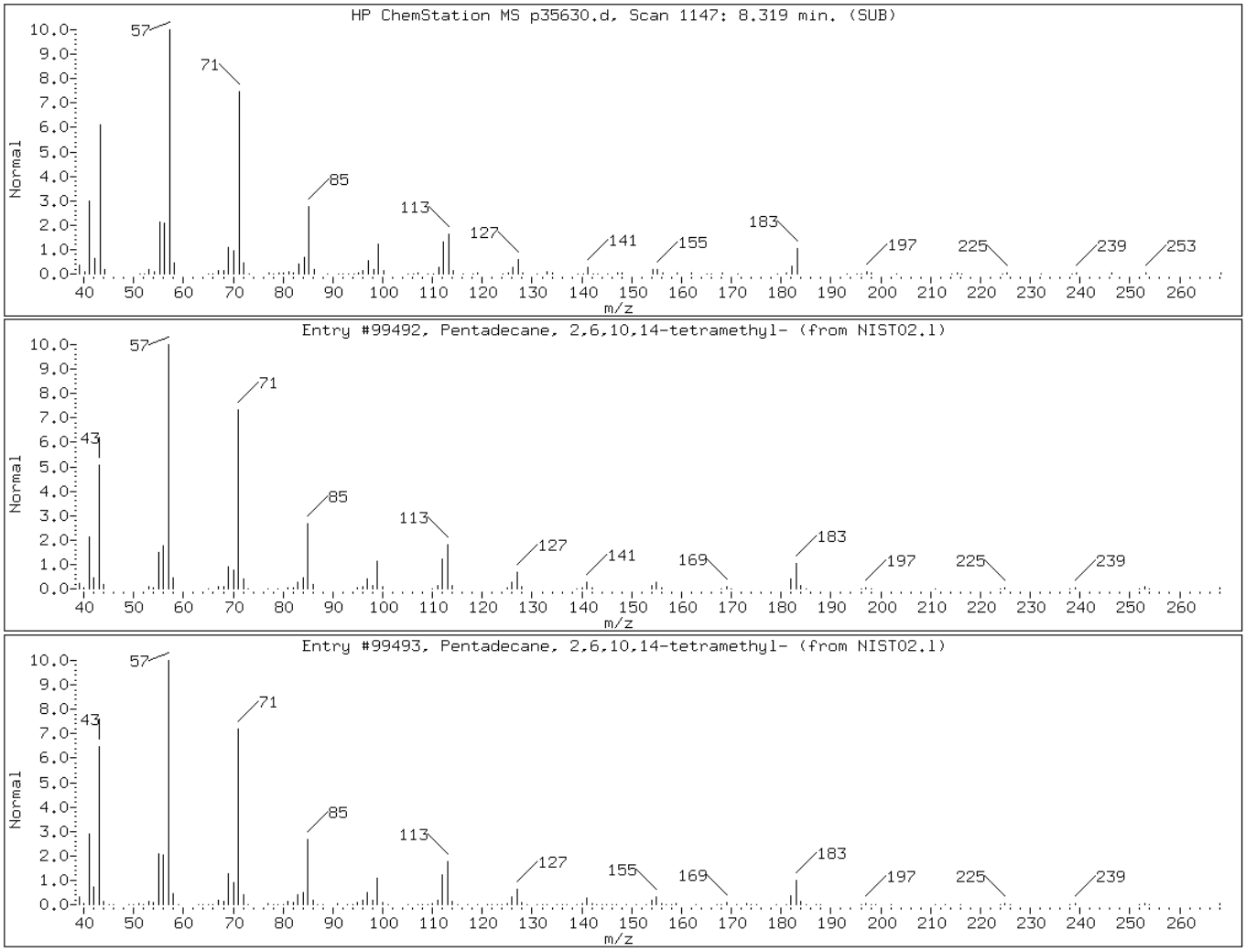
Date: 21-MAR-2013 15:16

Client ID: PMP-16-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-36-C Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	97	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	96	C19H40	268



Data File: p35630.d

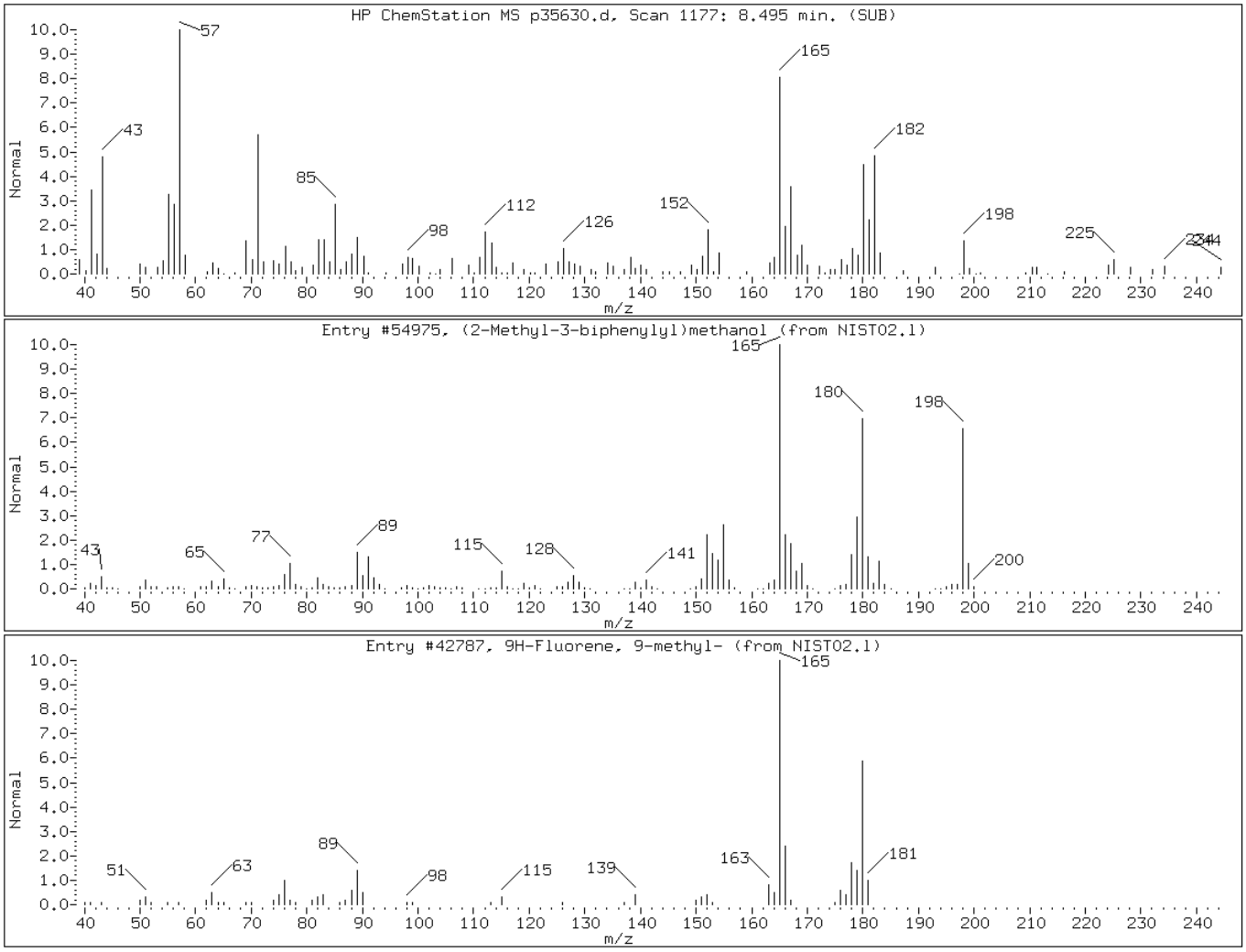
Date: 21-MAR-2013 15:16

Client ID: PMP-16-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-36-C Operator: BNAMS 4

Retention Time: 8.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
(2-Methyl-3-biphenylyl)methanol	76350-90-8	NIST02.l	54975	50	C14H14O	198
9H-Fluorene, 9-methyl-	2523-37-7	NIST02.l	42787	43	C14H12	180



Data File: p35630.d

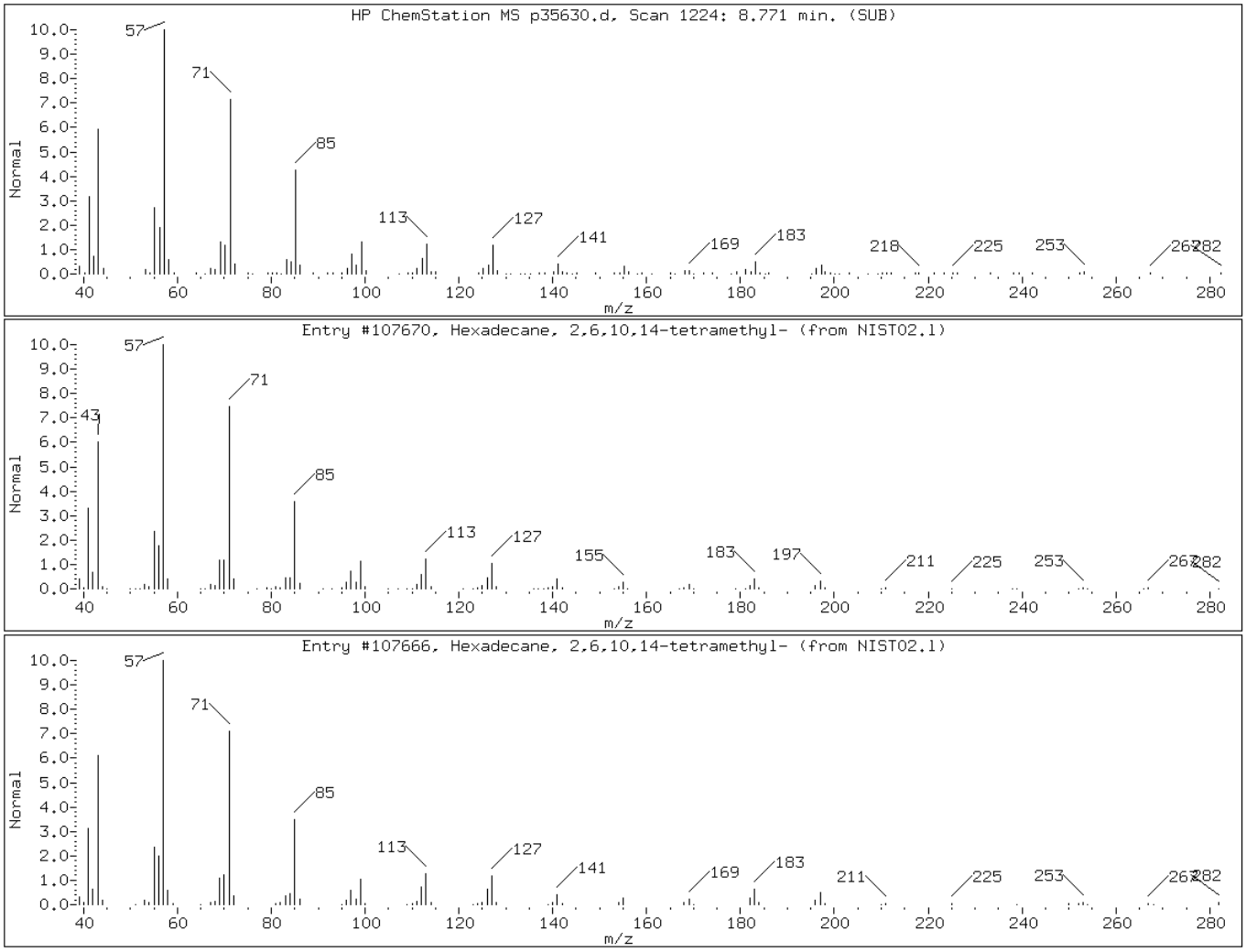
Date: 21-MAR-2013 15:16

Client ID: PMP-16-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-36-C Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	95	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	94	C20H42	282



Data File: p35630.d

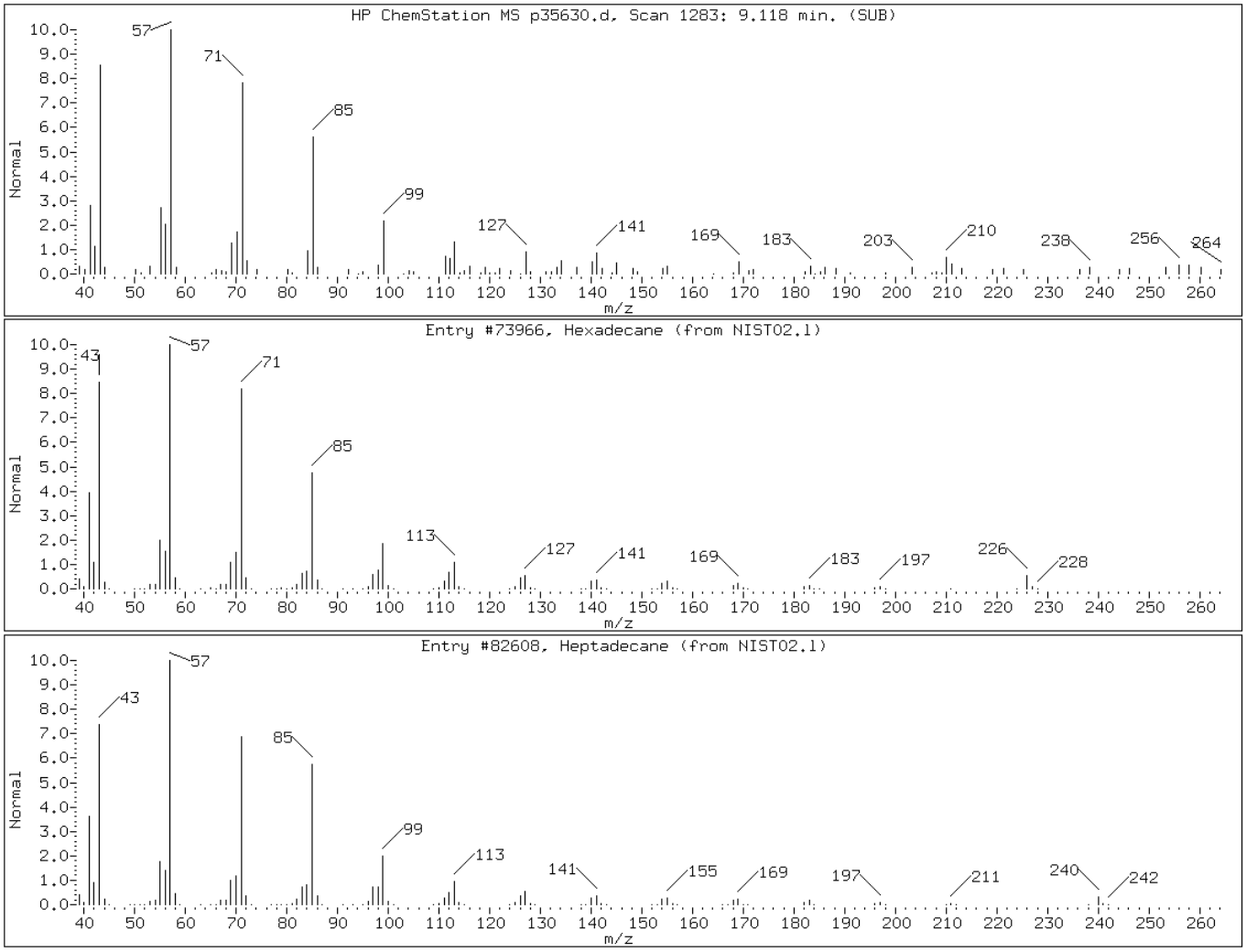
Date: 21-MAR-2013 15:16

Client ID: PMP-16-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-36-C Operator: BNAMS 4

Retention Time: 9.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73966	90	C16H34	226
Heptadecane	629-78-7	NIST02.l	82608	86	C17H36	240



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD | Lab Sample ID: 460-52450-37

Matrix: Solid | Lab File ID: p35646.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 14.96(g) | Date Analyzed: 03/21/2013 22:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.1	U	36	4.1
95-50-1	1,2-Dichlorobenzene	42	U	360	42
541-73-1	1,3-Dichlorobenzene	32	U	360	32
106-46-7	1,4-Dichlorobenzene	40	U	360	40
121-14-2	2,4-Dinitrotoluene	12	U	72	12
606-20-2	2,6-Dinitrotoluene	11	U	72	11
91-58-7	2-Chloronaphthalene	40	U	360	40
91-57-6	2-Methylnaphthalene	46	U	360	46
88-74-4	2-Nitroaniline	150	U	720	150
91-94-1	3,3'-Dichlorobenzidine	130	U	720	130
99-09-2	3-Nitroaniline	130	U	720	130
101-55-3	4-Bromophenyl phenyl ether	35	U	360	35
106-47-8	4-Chloroaniline	95	U	360	95
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	720	110
83-32-9	Acenaphthene	52	U	360	52
208-96-8	Acenaphthylene	42	U	360	42
120-12-7	Anthracene	43	U	360	43
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	26	U	360	26
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
108-60-1	bis (2-chloroisopropyl) ether	40	U	360	40
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
85-68-7	Butyl benzyl phthalate	33	U	360	33
86-74-8	Carbazole	42	U	360	42
218-01-9	Chrysene	42	U	360	42
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
131-11-3	Dimethyl phthalate	42	U	360	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD | Lab Sample ID: 460-52450-37

Matrix: Solid | Lab File ID: p35646.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 14.96(g) | Date Analyzed: 03/21/2013 22:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	44	U	360	44
117-84-0	Di-n-octyl phthalate	23	U	360	23
206-44-0	Fluoranthene	48	U	360	48
86-73-7	Fluorene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
67-72-1	Hexachloroethane	4.0	U	36	4.0
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
78-59-1	Isophorone	43	U	360	43
91-20-3	Naphthalene	41	U	360	41
98-95-3	Nitrobenzene	5.1	U	36	5.1
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-01-8	Phenanthrene	46	U	360	46
129-00-0	Pyrene	30	U	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	80		40-109
4165-60-0	Nitrobenzene-d5	82		38-105
1718-51-0	Terphenyl-d14	84		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD Lab Sample ID: 460-52450-37

Matrix: Solid Lab File ID: p35646.d

Analysis Method: 8270C Date Collected: 03/14/2013 16:50

Extract. Method: 3541 Date Extracted: 03/18/2013 18:52

Sample wt/vol: 14.96(g) Date Analyzed: 03/21/2013 22:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.29	300	J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35646.d
Report Date: 22-Mar-2013 14:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35646.d
Lab Smp Id: 460-52450-F-37-C Client Smp ID: PMP-15-NE-VD
Inj Date : 21-MAR-2013 22:47
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-37-C
Misc Info : 460-52450-F-37-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/8270C_11.m
Meth Date : 21-Mar-2013 19:30 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 13
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	14.96000	Weight of sample extracted (g)
M	7.29537	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.086	3.069	(0.711)	2094157	76.1981	5500
$ 17 Phenol-d5 (SUR)	99	3.979	4.003	(0.917)	2441912	77.5149	5600
* 79 1,4-Dichlorobenzene-d4	152	4.338	4.355	(1.000)	810612	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.896	4.919	(0.870)	1111056	40.9218	3000
* 80 Naphthalene-d8	136	5.624	5.636	(1.000)	2555008	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.705	6.717	(0.909)	1744368	40.1879	2900
* 82 Acenaphthene-d10	164	7.375	7.387	(1.000)	1279638	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.157	8.163	(1.106)	385196	72.4059	5200
115 n-Octadecane	57	8.727	8.738	(0.987)	16069	0.68587	49(a)
* 83 Phenanthrene-d10	188	8.838	8.844	(1.000)	1432102	40.0000	
$ 78 Terphenyl-d14	244	10.413	10.413	(0.897)	937499	42.0424	3000
* 81 Chrysene-d12	240	11.612	11.618	(1.000)	704309	40.0000	
* 84 Perylene-d12	264	13.539	13.539	(1.000)	541985	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35646.d
Report Date: 22-Mar-2013 14:16

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p35646.d

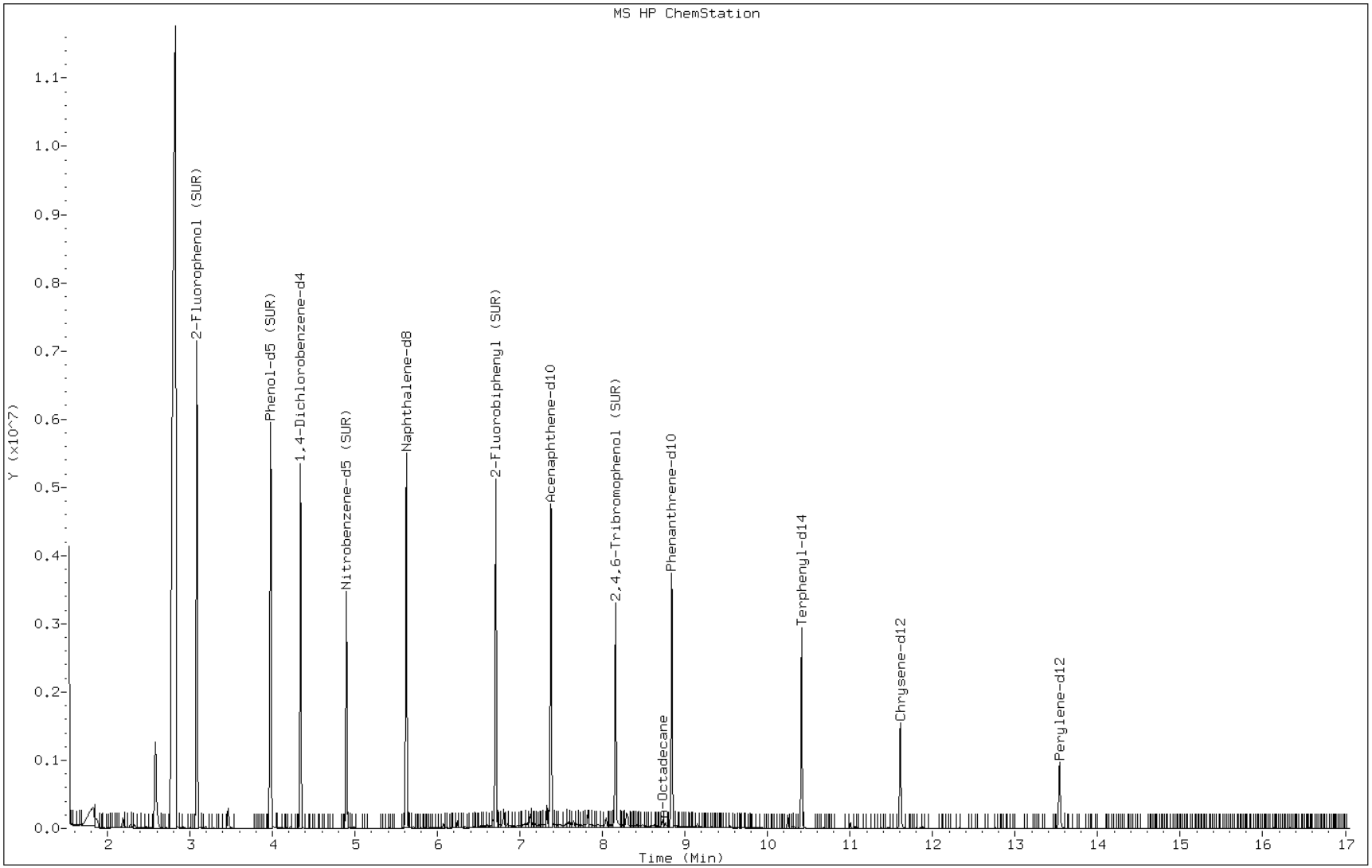
Date: 21-MAR-2013 22:47

Client ID: PMP-15-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-37-C

Operator: BNAMS 4



Data File: p35646.d

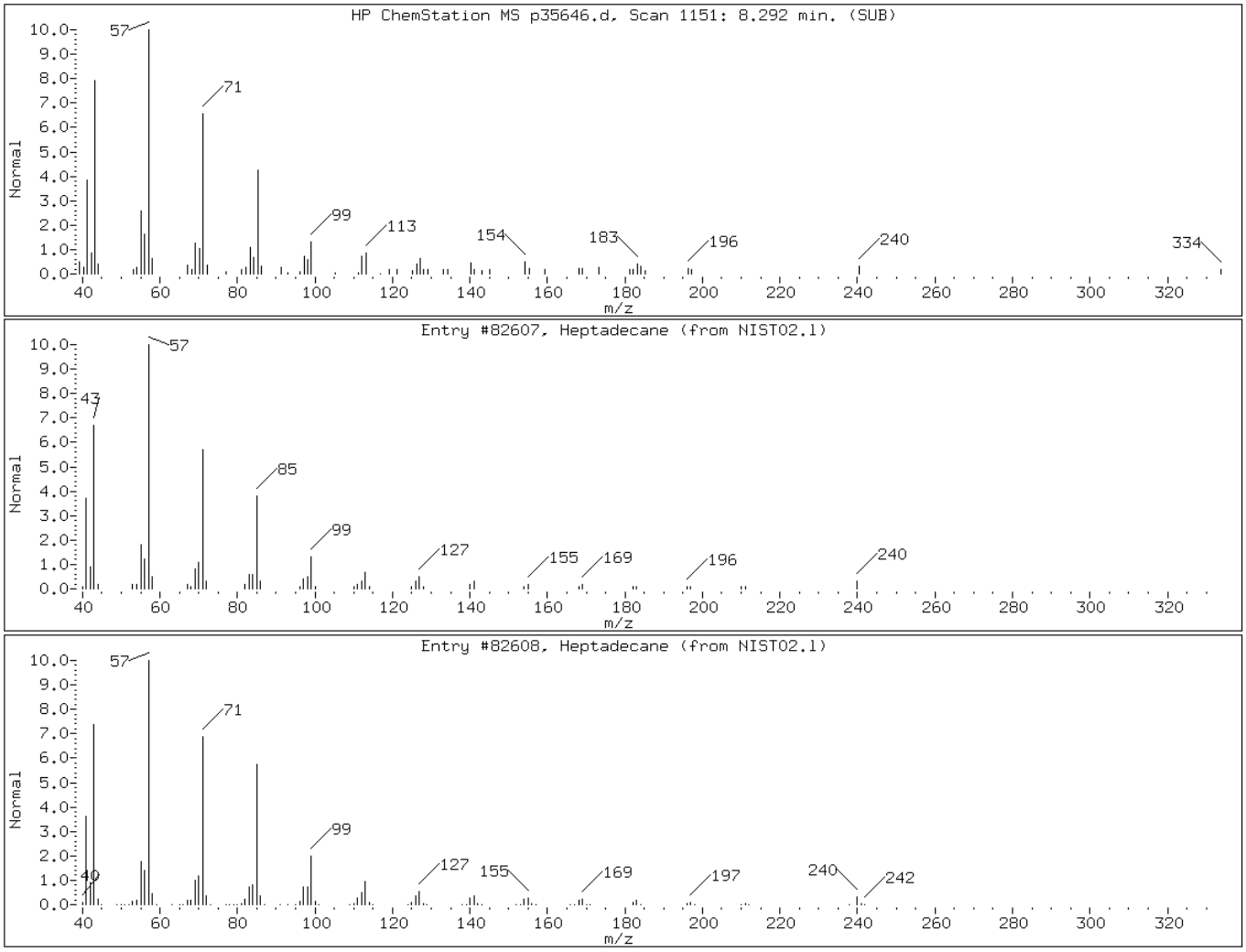
Date: 21-MAR-2013 22:47

Client ID: PMP-15-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-37-C Operator: BNAMS 4

Retention Time: 8.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptadecane	629-78-7	NIST02.l	82607	96	C17H36	240
Heptadecane	629-78-7	NIST02.l	82608	95	C17H36	240



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT | Lab Sample ID: 460-52450-38

Matrix: Solid | Lab File ID: p35638.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 19:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.2	U	37	4.2
95-50-1	1,2-Dichlorobenzene	43	U	370	43
541-73-1	1,3-Dichlorobenzene	34	U	370	34
106-46-7	1,4-Dichlorobenzene	42	U	370	42
121-14-2	2,4-Dinitrotoluene	12	U	75	12
606-20-2	2,6-Dinitrotoluene	11	U	75	11
91-58-7	2-Chloronaphthalene	41	U	370	41
91-57-6	2-Methylnaphthalene	48	U	370	48
88-74-4	2-Nitroaniline	150	U	750	150
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
99-09-2	3-Nitroaniline	130	U	750	130
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
106-47-8	4-Chloroaniline	98	U	370	98
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	120	U	750	120
83-32-9	Acenaphthene	54	U	370	54
208-96-8	Acenaphthylene	44	U	370	44
120-12-7	Anthracene	45	U	370	45
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
108-60-1	bis (2-chloroisopropyl) ether	41	U	370	41
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
86-74-8	Carbazole	44	U	370	44
218-01-9	Chrysene	43	U	370	43
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	44	U	370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT | Lab Sample ID: 460-52450-38

Matrix: Solid | Lab File ID: p35638.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 19:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	46	U	370	46
117-84-0	Di-n-octyl phthalate	24	U	370	24
206-44-0	Fluoranthene	49	U	370	49
86-73-7	Fluorene	47	U	370	47
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
67-72-1	Hexachloroethane	4.1	U	37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
78-59-1	Isophorone	45	U	370	45
91-20-3	Naphthalene	43	U	370	43
98-95-3	Nitrobenzene	5.3	U	37	5.3
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-01-8	Phenanthrene	47	U	370	47
129-00-0	Pyrene	31	U	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	80		40-109
4165-60-0	Nitrobenzene-d5	83		38-105
1718-51-0	Terphenyl-d14	78		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT | Lab Sample ID: 460-52450-38

Matrix: Solid | Lab File ID: p35638.d

Analysis Method: 8270C | Date Collected: 03/14/2013 16:55

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 19:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35638.d
Report Date: 22-Mar-2013 12:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35638.d
Lab Smp Id: 460-52450-F-38-C Client Smp ID: PMP-15-NE-WT
Inj Date : 21-MAR-2013 19:25
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-38-C
Misc Info : 460-52450-F-38-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/8270C_11.m
Meth Date : 21-Mar-2013 19:30 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 5
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	10.63830	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.092	3.069	(0.713)	2311253	76.2198	5700
$ 17 Phenol-d5 (SUR)	99	3.985	4.003	(0.919)	2767985	79.6351	5900
* 79 1,4-Dichlorobenzene-d4	152	4.338	4.355	(1.000)	894391	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.896	4.919	(0.870)	1285770	41.4948	3100
* 80 Naphthalene-d8	136	5.625	5.636	(1.000)	2915954	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.706	6.717	(0.908)	2124565	39.8451	3000
* 82 Acenaphthene-d10	164	7.381	7.387	(1.000)	1571951	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.157	8.163	(1.105)	516002	78.9572	5900
115 n-Octadecane	57	8.727	8.738	(0.987)	6803	0.22784	17(a)
* 83 Phenanthrene-d10	188	8.844	8.844	(1.000)	1825192	40.0000	
$ 78 Terphenyl-d14	244	10.413	10.413	(0.897)	1207528	38.9651	2900
* 81 Chrysene-d12	240	11.612	11.618	(1.000)	978816	40.0000	
* 84 Perylene-d12	264	13.539	13.539	(1.000)	702589	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35638.d
Report Date: 22-Mar-2013 12:57

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p35638.d

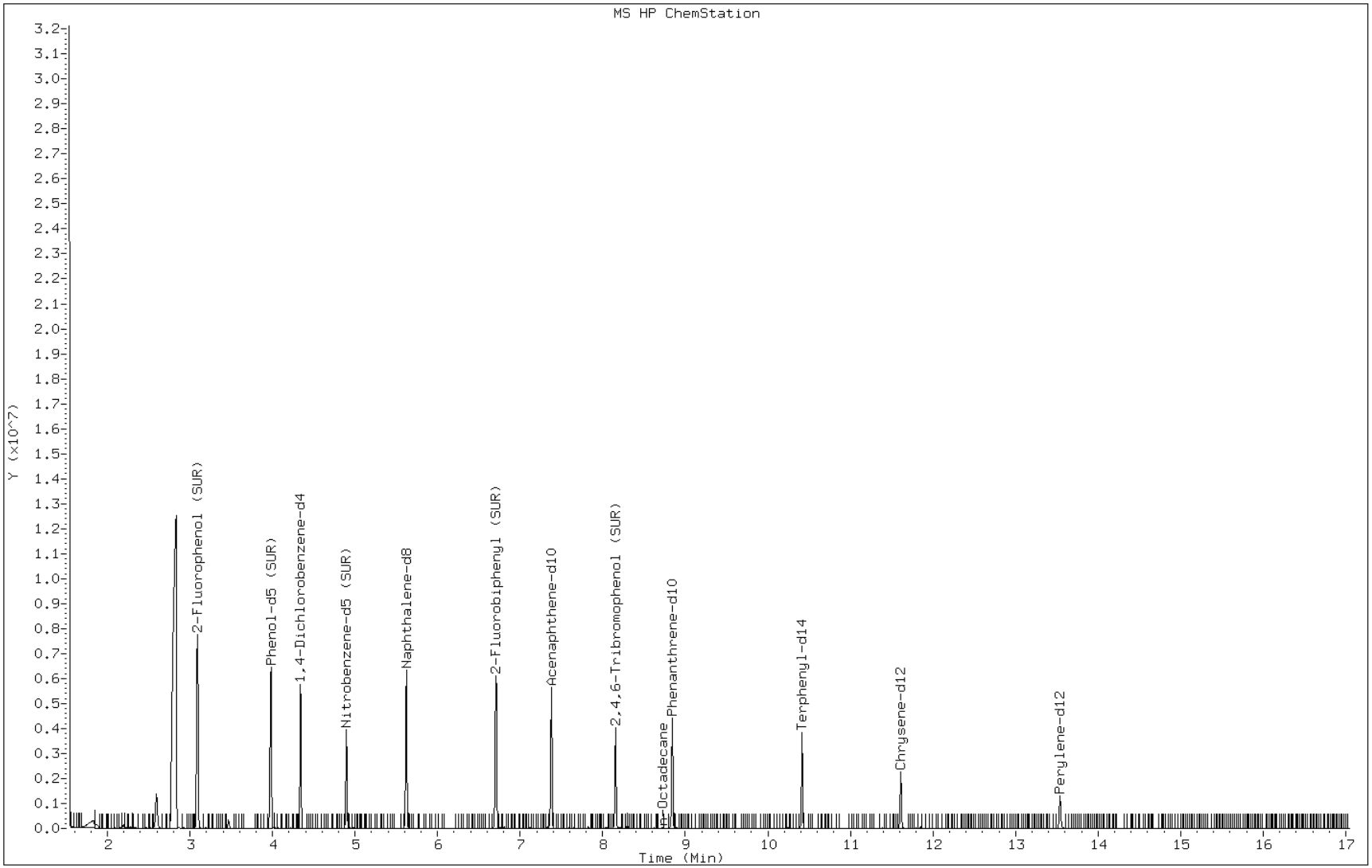
Date: 21-MAR-2013 19:25

Client ID: PMP-15-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-38-C

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI | Lab Sample ID: 460-52450-39

Matrix: Solid | Lab File ID: p35639.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 19:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.2	U	37	4.2
95-50-1	1,2-Dichlorobenzene	43	U	370	43
541-73-1	1,3-Dichlorobenzene	33	U	370	33
106-46-7	1,4-Dichlorobenzene	42	U	370	42
121-14-2	2,4-Dinitrotoluene	12	U	75	12
606-20-2	2,6-Dinitrotoluene	11	U	75	11
91-58-7	2-Chloronaphthalene	41	U	370	41
91-57-6	2-Methylnaphthalene	47	U	370	47
88-74-4	2-Nitroaniline	150	U	750	150
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
99-09-2	3-Nitroaniline	130	U	750	130
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
106-47-8	4-Chloroaniline	98	U	370	98
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	750	110
83-32-9	Acenaphthene	54	U	370	54
208-96-8	Acenaphthylene	44	U	370	44
120-12-7	Anthracene	45	U	370	45
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
108-60-1	bis (2-chloroisopropyl) ether	41	U	370	41
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
86-74-8	Carbazole	44	U	370	44
218-01-9	Chrysene	43	U	370	43
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	44	U	370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI | Lab Sample ID: 460-52450-39

Matrix: Solid | Lab File ID: p35639.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 19:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	45	U	370	45
117-84-0	Di-n-octyl phthalate	24	U	370	24
206-44-0	Fluoranthene	49	U	370	49
86-73-7	Fluorene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
67-72-1	Hexachloroethane	4.1	U	37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
78-59-1	Isophorone	45	U	370	45
91-20-3	Naphthalene	43	U	370	43
98-95-3	Nitrobenzene	5.2	U	37	5.2
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-01-8	Phenanthrene	47	U	370	47
129-00-0	Pyrene	31	U	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	82		40-109
4165-60-0	Nitrobenzene-d5	84		38-105
1718-51-0	Terphenyl-d14	83		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI | Lab Sample ID: 460-52450-39

Matrix: Solid | Lab File ID: p35639.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:00

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 19:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35639.d
Report Date: 22-Mar-2013 12:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35639.d
Lab Smp Id: 460-52450-F-39-C Client Smp ID: PMP-15-NE-SI
Inj Date : 21-MAR-2013 19:50
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-39-C
Misc Info : 460-52450-F-39-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/8270C_11.m
Meth Date : 21-Mar-2013 19:30 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 6
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	15.02000	Weight of sample extracted (g)
M	10.37736	% Moisture

Cpnd Variable Local Compound Variable

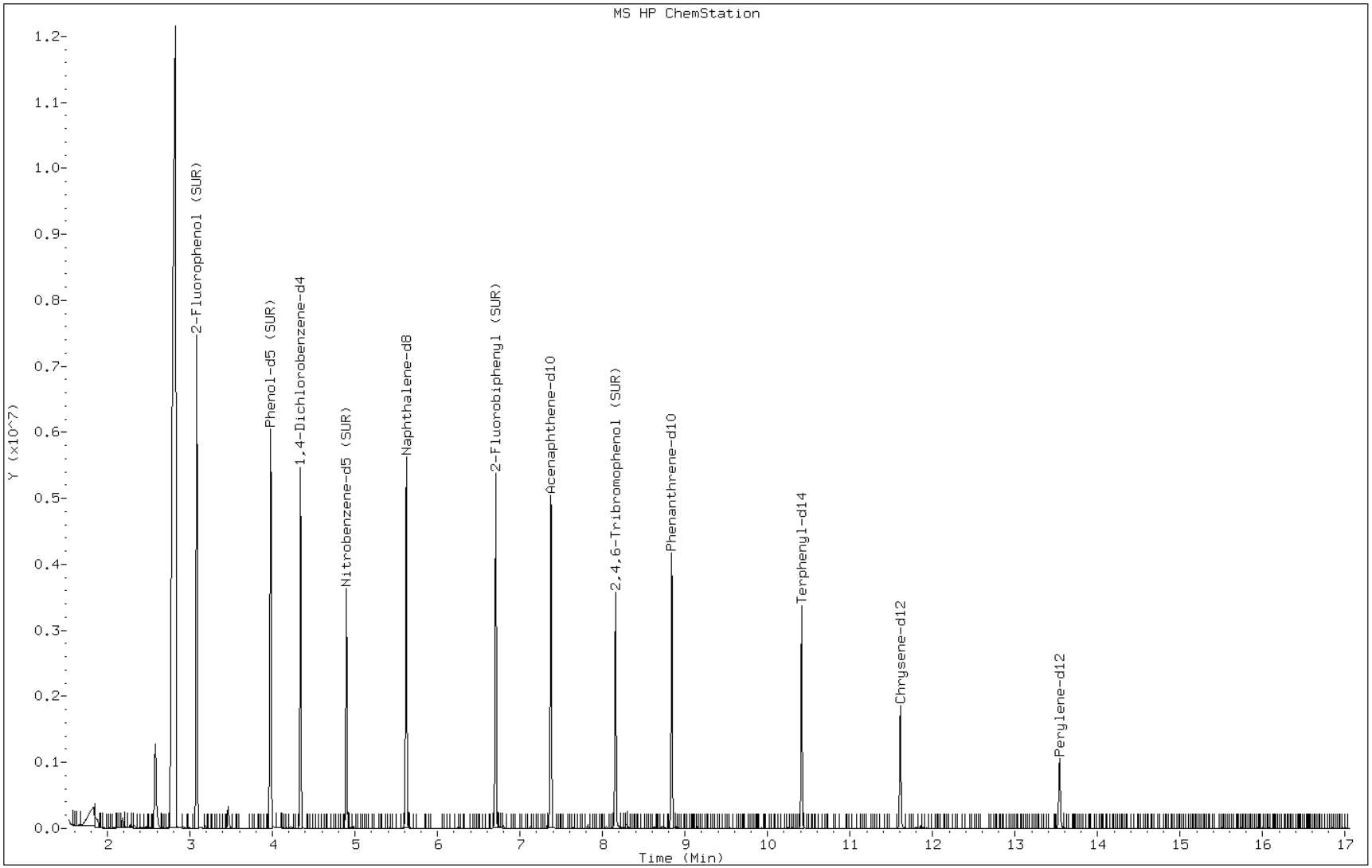
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.086	3.069	(0.711)	2109700	77.8290	5800
$ 17 Phenol-d5 (SUR)	99	3.979	4.003	(0.917)	2444249	78.6659	5800
* 79 1,4-Dichlorobenzene-d4	152	4.338	4.355	(1.000)	799516	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.896	4.919	(0.870)	1155135	42.0791	3100
* 80 Naphthalene-d8	136	5.624	5.636	(1.000)	2583315	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.705	6.717	(0.909)	1869295	40.7837	3000
* 82 Acenaphthene-d10	164	7.375	7.387	(1.000)	1351249	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.157	8.163	(1.106)	450876	80.2604	6000
* 83 Phenanthrene-d10	188	8.838	8.844	(1.000)	1586254	40.0000	
$ 78 Terphenyl-d14	244	10.413	10.413	(0.897)	1068313	41.4426	3100
* 81 Chrysene-d12	240	11.612	11.618	(1.000)	814200	40.0000	
* 84 Perylene-d12	264	13.539	13.539	(1.000)	598402	40.0000	

Data File: p35639.d

Date: 21-MAR-2013 19:50

Client ID: PMP-15-NE-SI Instrument: BNAMS10.i

Sample Info: 460-52450-F-39-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD | Lab Sample ID: 460-52450-40

Matrix: Solid | Lab File ID: p35640.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:05

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 20:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	21	U	180	21
95-50-1	1,2-Dichlorobenzene	210	U	1800	210
541-73-1	1,3-Dichlorobenzene	170	U	1800	170
106-46-7	1,4-Dichlorobenzene	210	U	1800	210
121-14-2	2,4-Dinitrotoluene	60	U	370	60
606-20-2	2,6-Dinitrotoluene	55	U	370	55
91-58-7	2-Chloronaphthalene	200	U	1800	200
91-57-6	2-Methylnaphthalene	240	U	1800	240
88-74-4	2-Nitroaniline	760	U	3700	760
91-94-1	3,3'-Dichlorobenzidine	640	U	3700	640
99-09-2	3-Nitroaniline	650	U	3700	650
101-55-3	4-Bromophenyl phenyl ether	180	U	1800	180
106-47-8	4-Chloroaniline	490	U	1800	490
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1800	210
100-01-6	4-Nitroaniline	570	U	3700	570
83-32-9	Acenaphthene	270	U	1800	270
208-96-8	Acenaphthylene	220	U	1800	220
120-12-7	Anthracene	220	U	1800	220
56-55-3	Benzo[a]anthracene	13	U	180	13
50-32-8	Benzo[a]pyrene	13	U	180	13
205-99-2	Benzo[b]fluoranthene	12	U	180	12
191-24-2	Benzo[g,h,i]perylene	140	U	1800	140
207-08-9	Benzo[k]fluoranthene	14	U	180	14
108-60-1	bis (2-chloroisopropyl) ether	200	U	1800	200
111-91-1	Bis(2-chloroethoxy)methane	240	U	1800	240
111-44-4	Bis(2-chloroethyl)ether	25	U	180	25
117-81-7	Bis(2-ethylhexyl) phthalate	610	U	1800	610
85-68-7	Butyl benzyl phthalate	170	U	1800	170
86-74-8	Carbazole	220	U	1800	220
218-01-9	Chrysene	210	U	1800	210
53-70-3	Dibenz(a,h)anthracene	23	U	180	23
132-64-9	Dibenzofuran	210	U	1800	210
84-66-2	Diethyl phthalate	220	U	1800	220
131-11-3	Dimethyl phthalate	220	U	1800	220

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD | Lab Sample ID: 460-52450-40

Matrix: Solid | Lab File ID: p35640.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:05

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 20:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	230	U	1800	230
117-84-0	Di-n-octyl phthalate	120	U	1800	120
206-44-0	Fluoranthene	240	U	1800	240
86-73-7	Fluorene	230	U	1800	230
118-74-1	Hexachlorobenzene	25	U	180	25
87-68-3	Hexachlorobutadiene	45	U	370	45
77-47-4	Hexachlorocyclopentadiene	220	U	1800	220
67-72-1	Hexachloroethane	20	U	180	20
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	180	34
78-59-1	Isophorone	220	U	1800	220
91-20-3	Naphthalene	210	U	1800	210
98-95-3	Nitrobenzene	26	U	180	26
621-64-7	N-Nitrosodi-n-propylamine	31	U	180	31
86-30-6	N-Nitrosodiphenylamine	180	U	1800	180
85-01-8	Phenanthrene	230	U	1800	230
129-00-0	Pyrene	160	J	1800	150

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	98		40-109
4165-60-0	Nitrobenzene-d5	88		38-105
1718-51-0	Terphenyl-d14	79		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD | Lab Sample ID: 460-52450-40

Matrix: Solid | Lab File ID: p35640.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:05

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/21/2013 20:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152346 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 343200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-3	7.33	14000	J
	Unknown Alkane-8	7.83	25000	J
	Unknown Alkane-9	8.05	18000	J
	Unknown Alkane-11	8.13	7500	J
	Unknown Alkane-12	8.30	77000	J
	Unknown-2	8.32	49000	J
	Unknown Alkane-13	8.49	13000	J
	Unknown Alkane-14	8.62	7100	J
593-45-3	n-Octadecane	8.74	32000	
	Unknown-4	8.77	27000	J
	Unknown Alkane-16	9.16	33000	J
	Trichloro-1,1-biphenyl isomer	9.19	7700	J
	Tetrachloro-1,1-biphenyl isomer	9.46	7200	J
	Unknown Alkane-17	9.55	17000	J
	Unknown Alkane-18	9.93	8700	J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35640.d
Report Date: 22-Mar-2013 14:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35640.d
Lab Smp Id: 460-52450-F-40-C Client Smp ID: PMP-15-NE-SD
Inj Date : 21-MAR-2013 20:16
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-40-C
Misc Info : 460-52450-F-40-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/8270C_11.m
Meth Date : 21-Mar-2013 19:30 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 7
Dil Factor: 5.00000
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	5.00000	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	9.94475	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.063	3.069	(0.705)	406581	16.5933	6100
$ 17 Phenol-d5 (SUR)	99	3.974	4.003	(0.915)	486265	17.3132	6400
* 79 1,4-Dichlorobenzene-d4	152	4.344	4.355	(1.000)	722708	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.896	4.919	(0.870)	201949	8.76593	3200
* 80 Naphthalene-d8	136	5.625	5.636	(1.000)	2167980	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.706	6.717	(0.908)	323865	9.81057	3600
* 82 Acenaphthene-d10	164	7.381	7.387	(1.000)	973226	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.157	8.163	(1.105)	48153	11.9012	4400
115 n-Octadecane	57	8.739	8.738	(0.988)	1364270	86.3159	32000
* 83 Phenanthrene-d10	188	8.844	8.844	(1.000)	966138	40.0000	
57 Pyrene	202	10.254	10.260	(0.883)	9794	0.43380	160(a)
$ 78 Terphenyl-d14	244	10.413	10.413	(0.897)	124022	7.88830	2900
* 81 Chrysene-d12	240	11.612	11.618	(1.000)	496587	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35640.d
Report Date: 22-Mar-2013 14:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.539	13.539	(1.000)	419499	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p35640.d

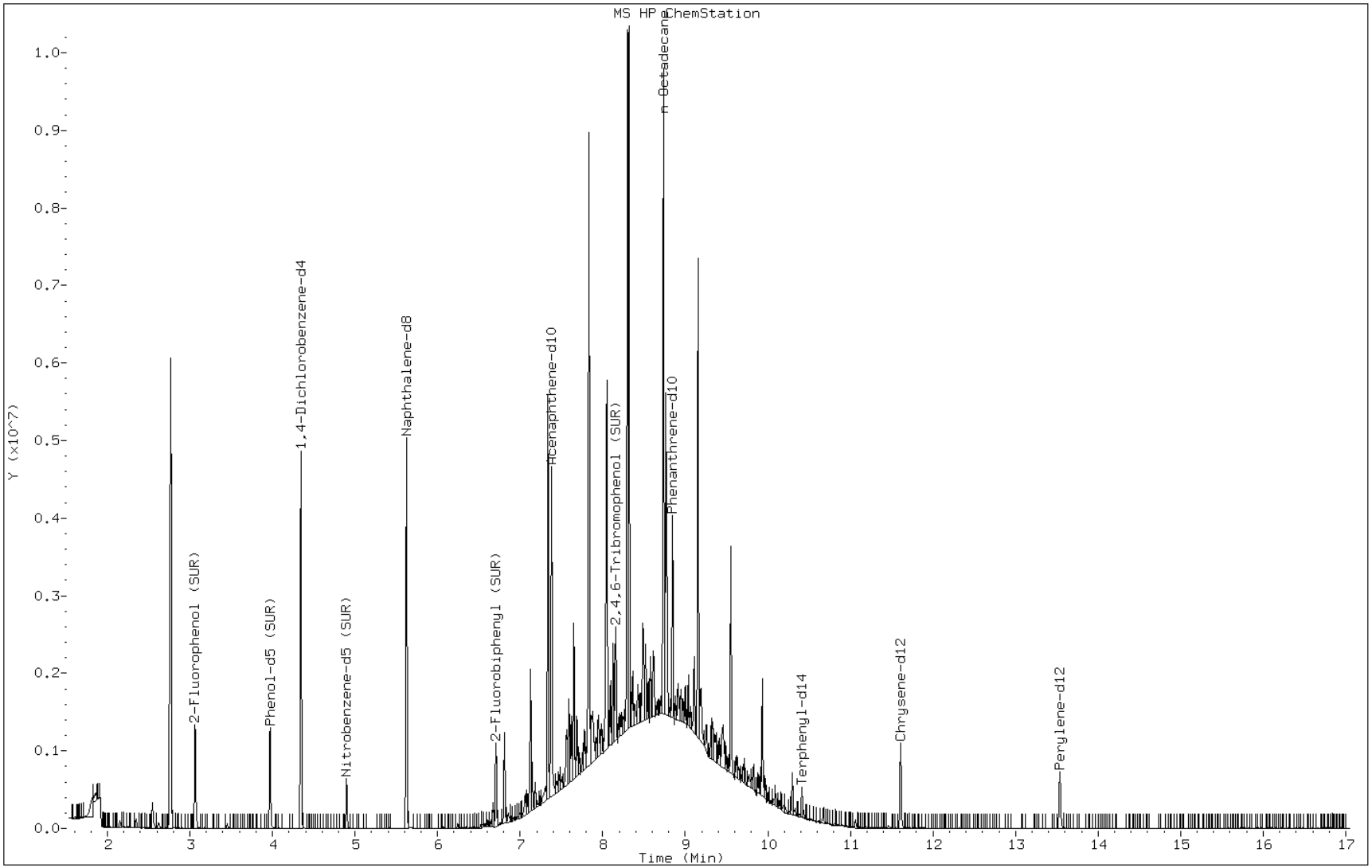
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C

Operator: BNAMS 4



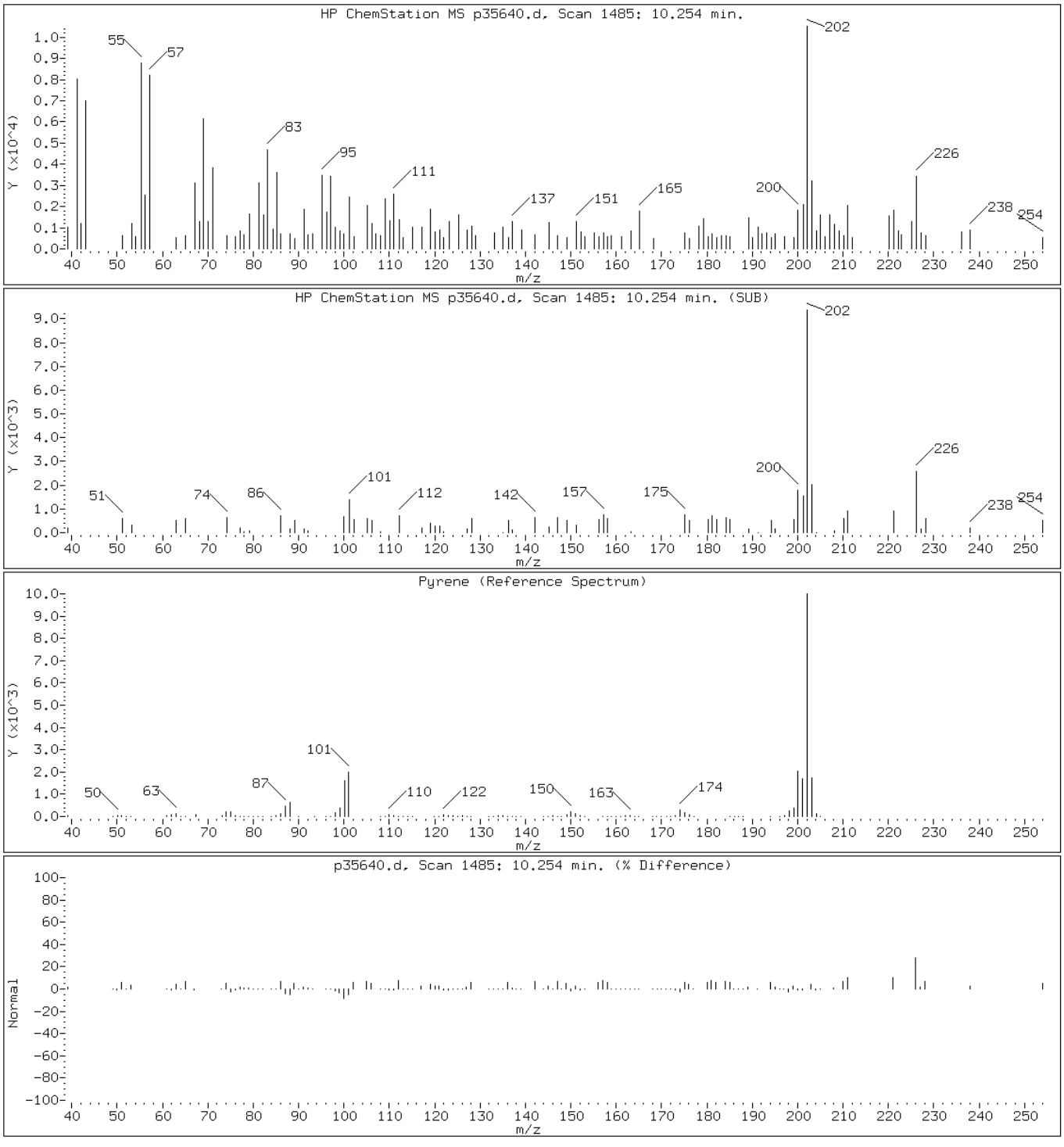
Data File: p35640.d

Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

57 Pyrene



Data File: p35640.d

Date: 21-MAR-2013 20:16

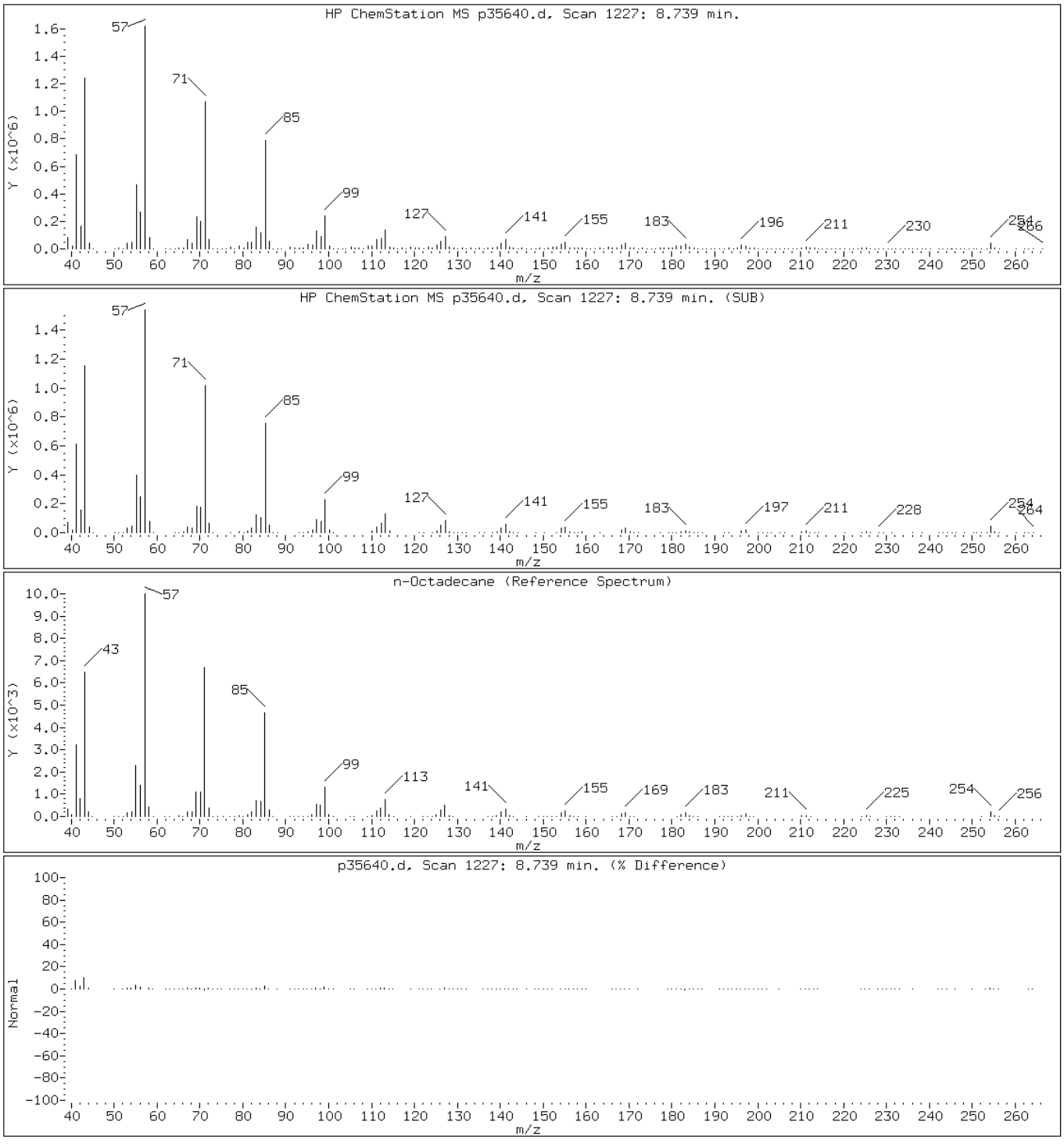
Client ID: PMP-15-NE-SD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C

Operator: BNAMS 4

115 n-Octadecane



Data File: p35640.d

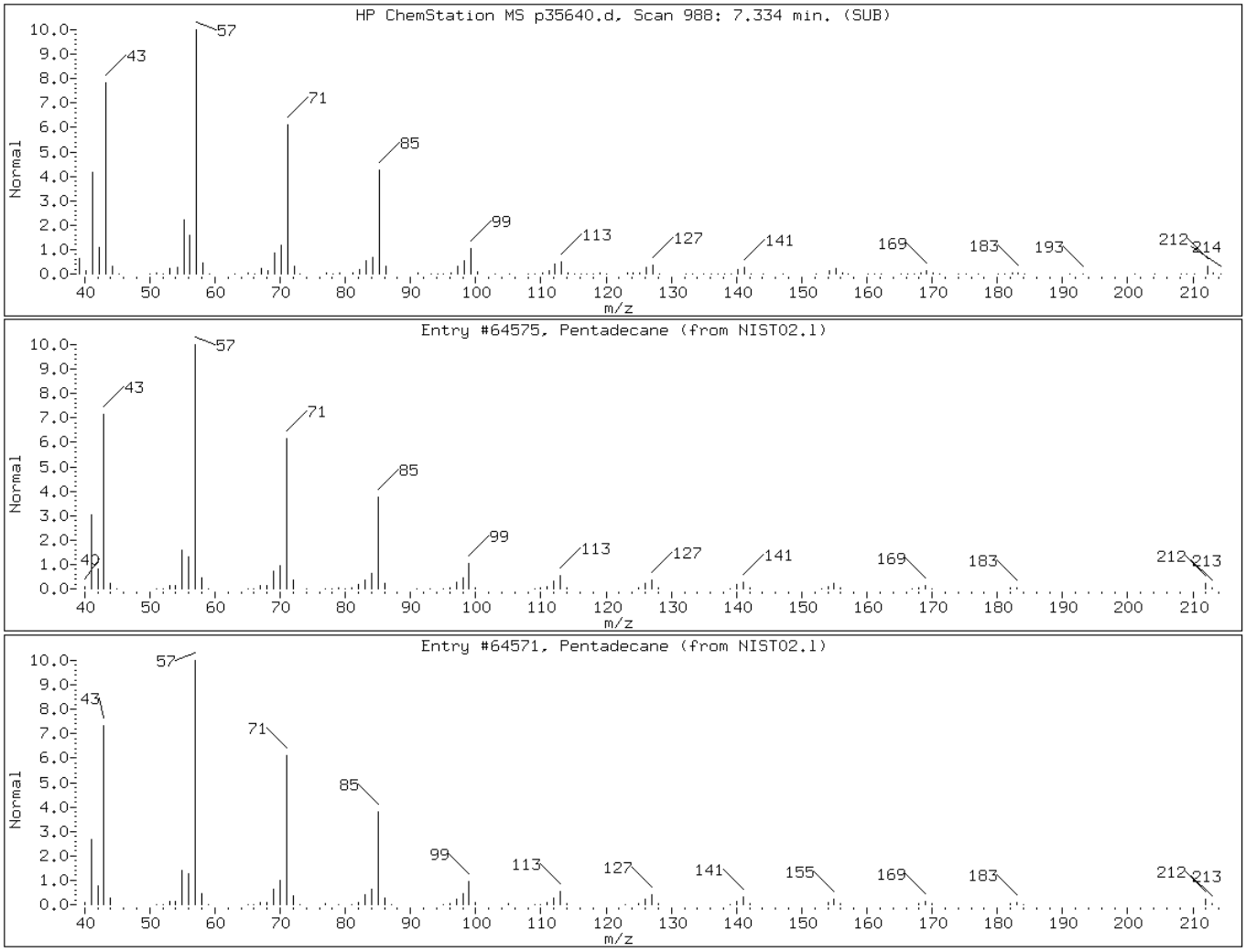
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 7.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane	629-62-9	NIST02.l	64575	98	C15H32	212
Pentadecane	629-62-9	NIST02.l	64571	97	C15H32	212



Data File: p35640.d

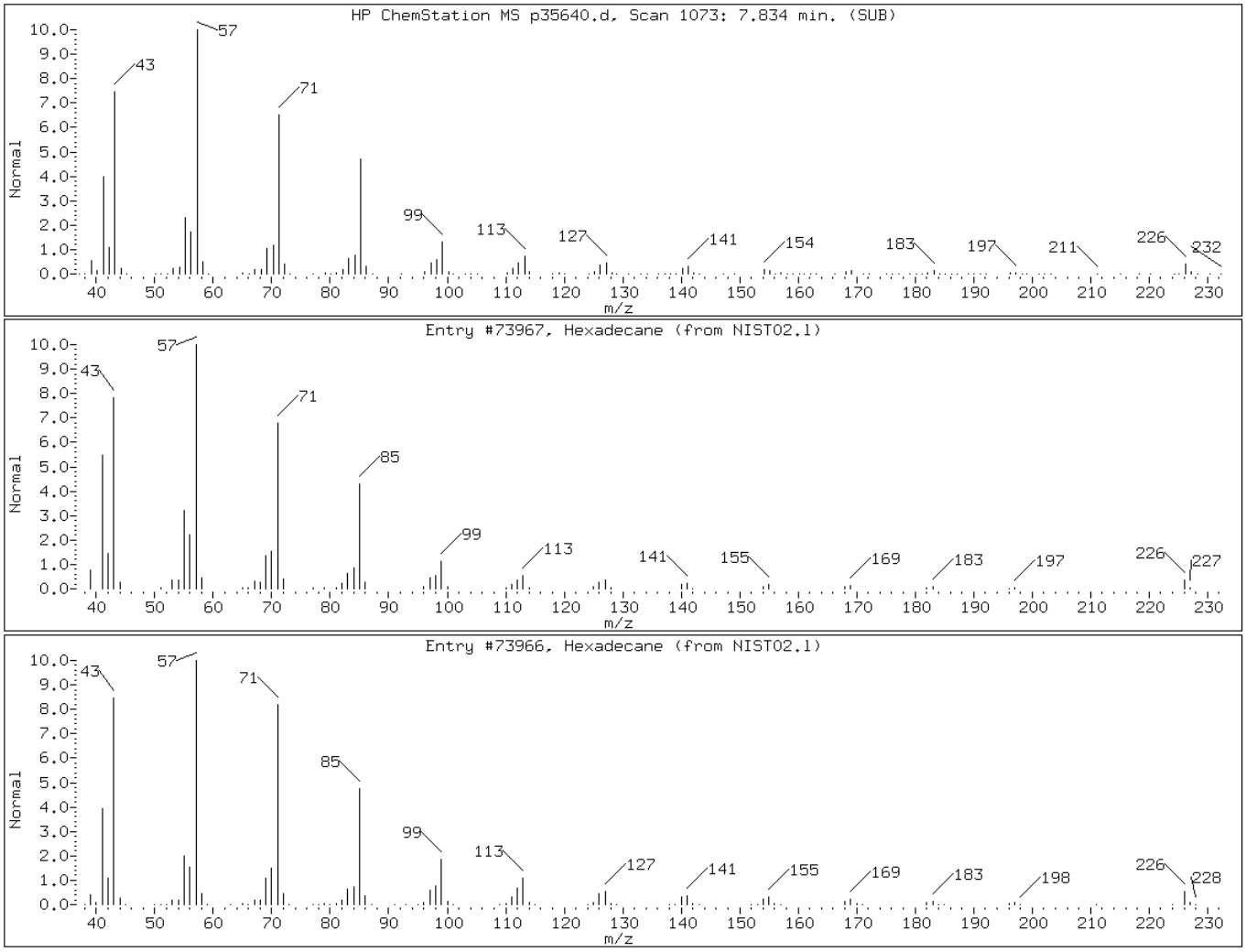
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 7.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane	544-76-3	NIST02.l	73967	99	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226



Data File: p35640.d

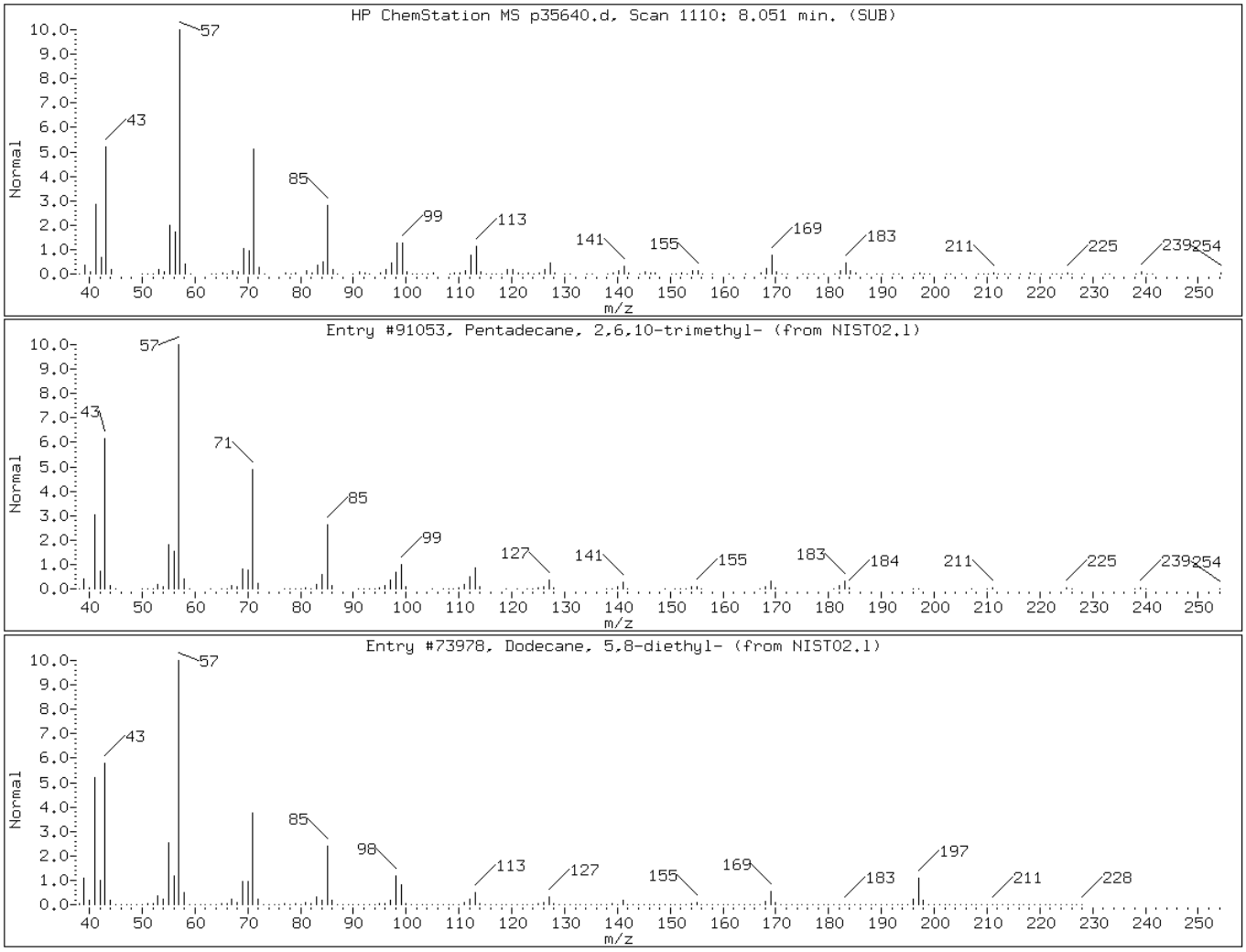
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 8.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	94	C18H38	254
Dodecane, 5,8-diethyl-	24251-86-3	NIST02.l	73978	93	C16H34	226



Data File: p35640.d

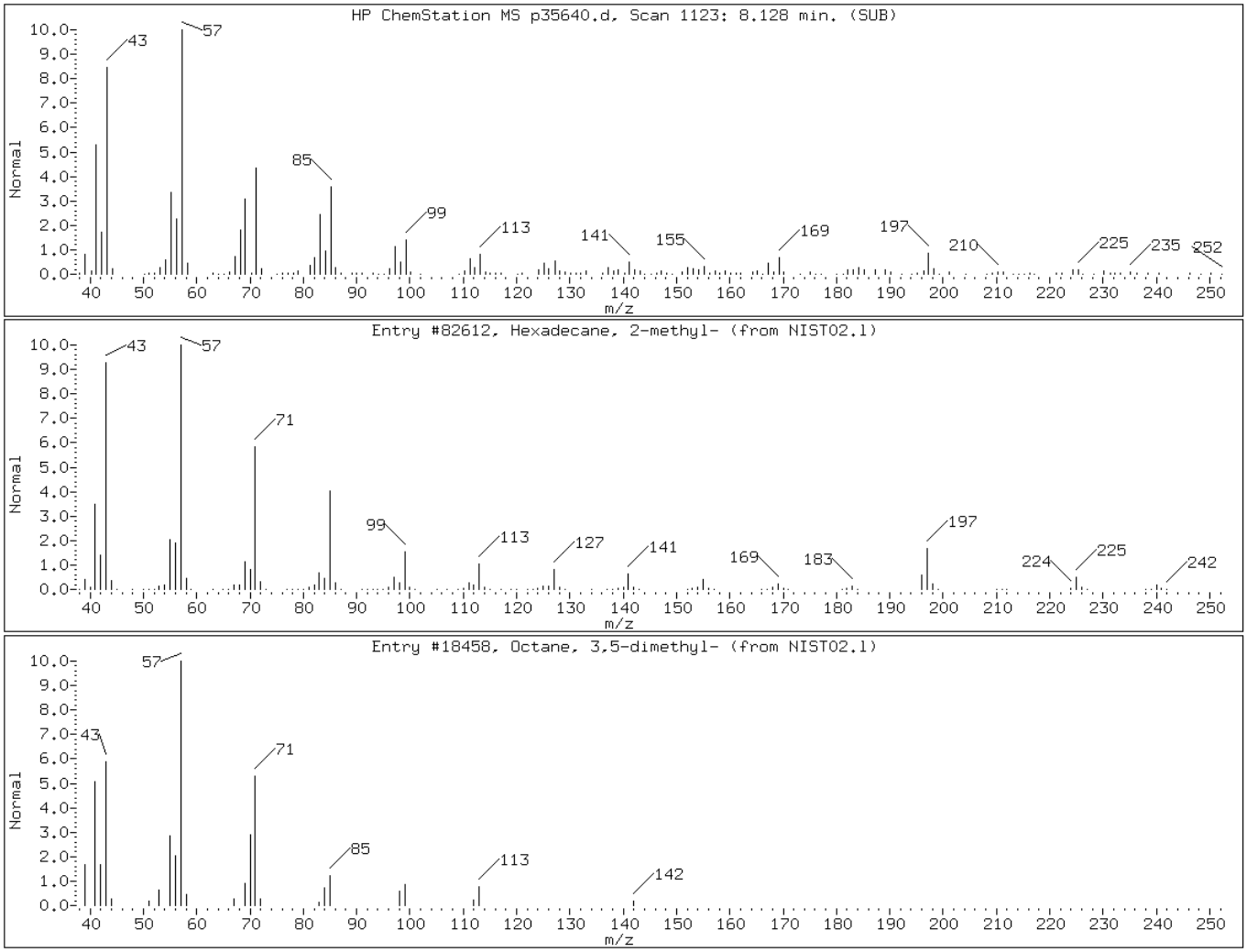
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 8.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82612	70	C17H36	240
Octane, 3,5-dimethyl-	15869-93-9	NIST02.l	18458	70	C10H22	142



Data File: p35640.d

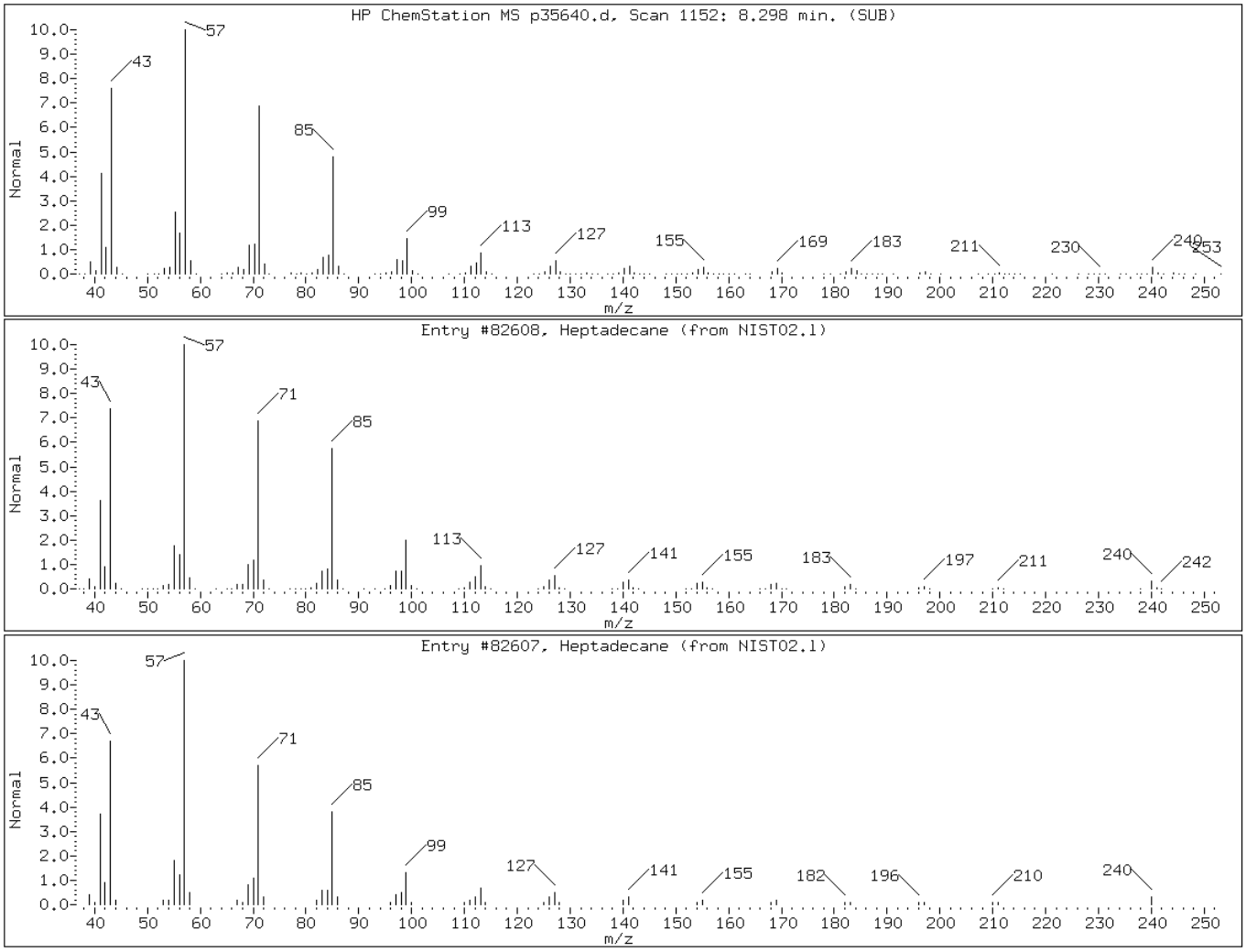
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 8.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	97	C17H36	240



Data File: p35640.d

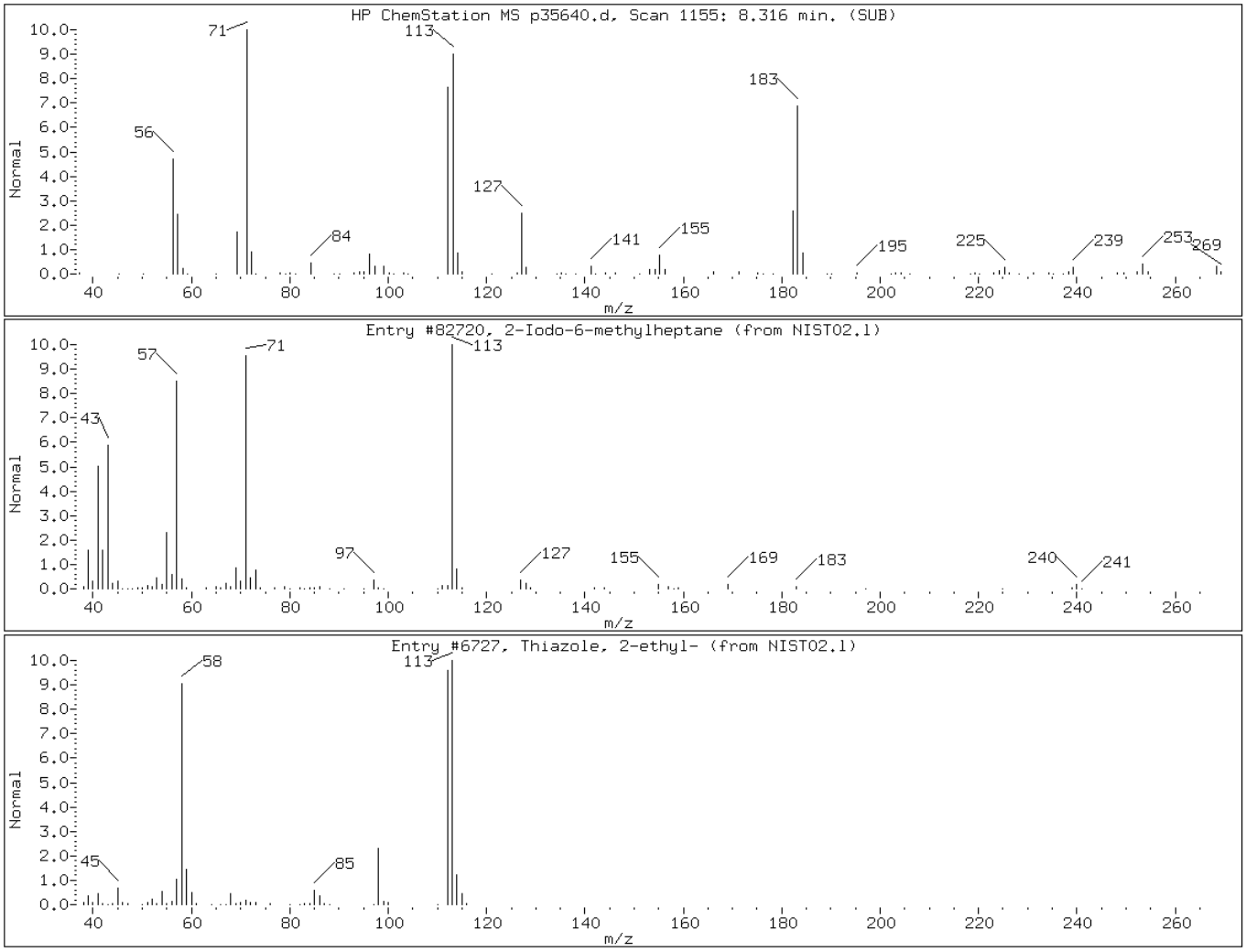
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2-Iodo-6-methylheptane	88373-60-8	NIST02.l	82720	25	C8H17I	240
Thiazole, 2-ethyl-	15679-09-1	NIST02.l	6727	25	C5H7NS	113



Data File: p35640.d

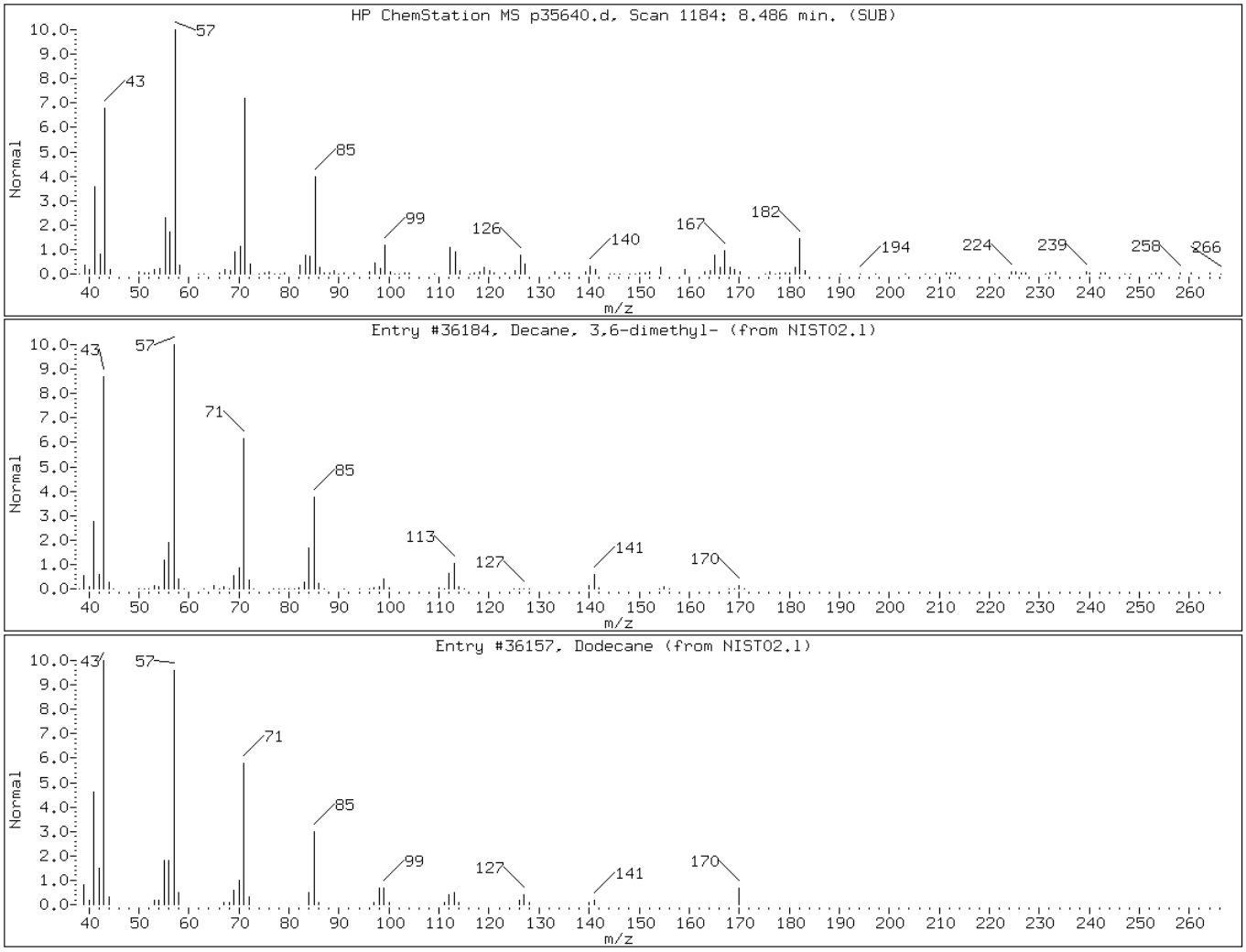
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 8.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Decane, 3,6-dimethyl-	17312-53-7	NIST02.l	36184	81	C12H26	170
Dodecane	112-40-3	NIST02.l	36157	81	C12H26	170



Data File: p35640.d

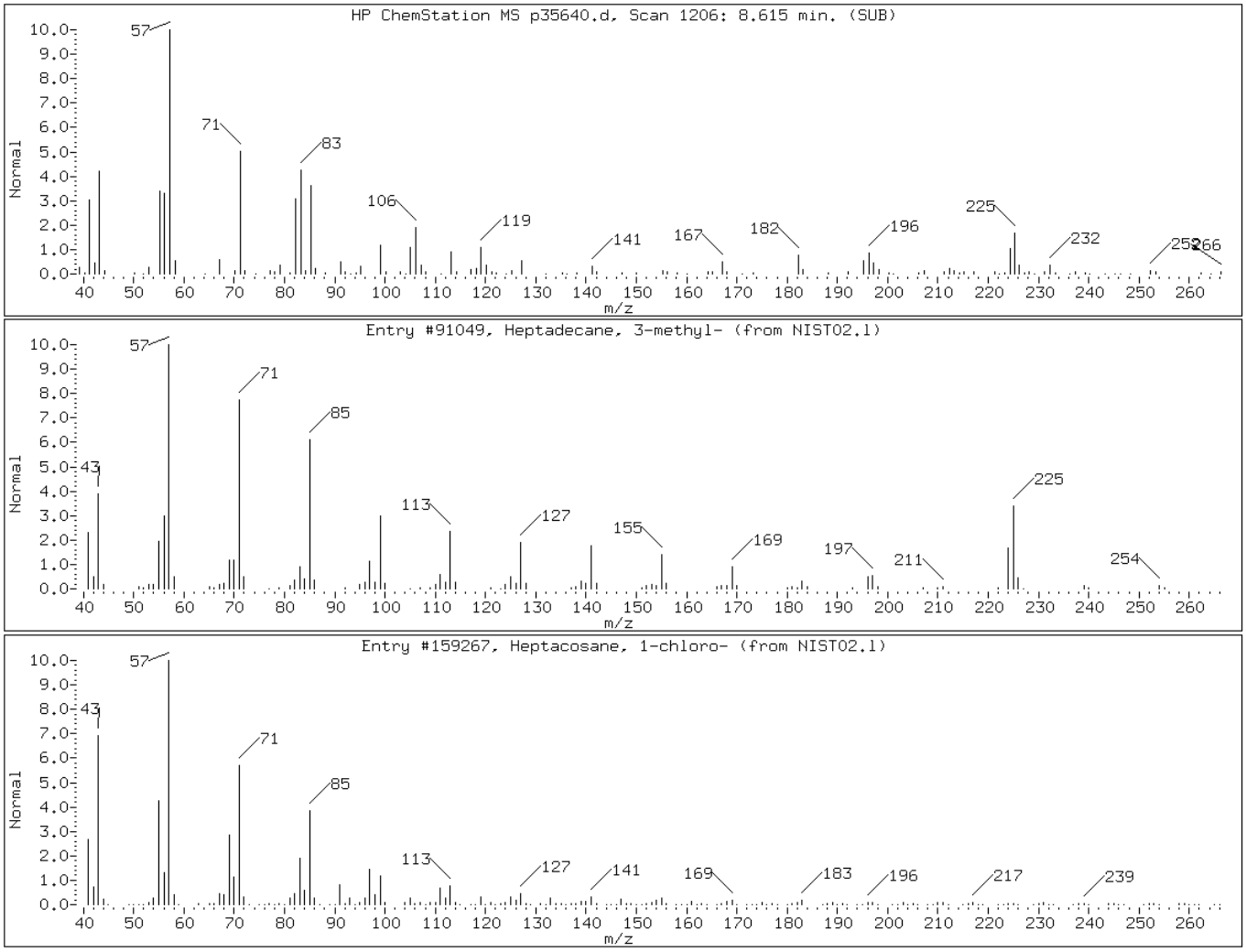
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 8.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane, 3-methyl-	6418-44-6	NIST02.l	91049	43	C18H38	254
Heptacosane, 1-chloro-	62016-79-9	NIST02.l	159267	35	C27H55Cl	414



Data File: p35640.d

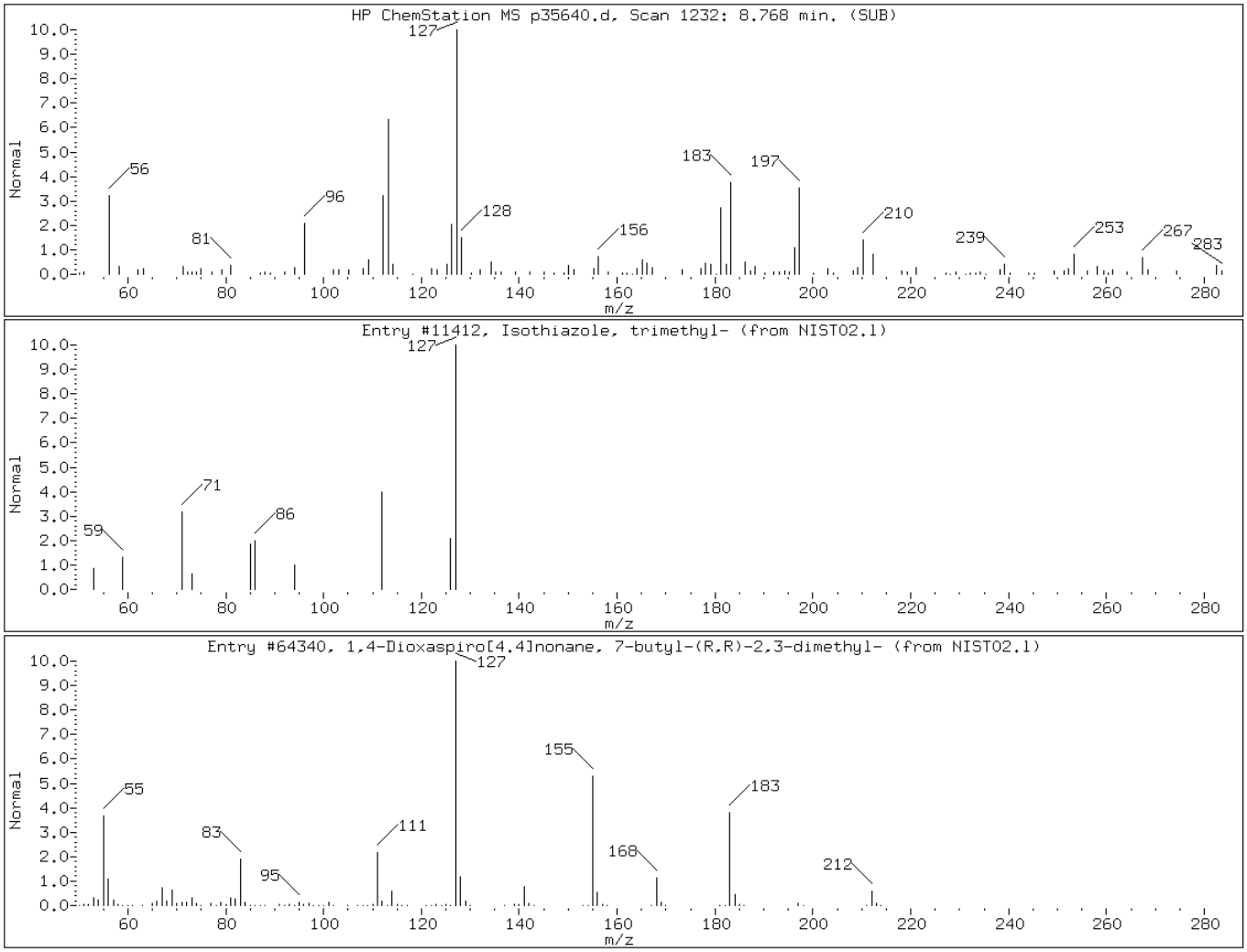
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Isothiazole, trimethyl-	39228-36-9	NIST02.l	11412	35	C6H9NS	127
1,4-Dioxaspiro[4.4]nonane, 7-butyl	104807-77-4	NIST02.l	64340	27	C13H24O2	212



Data File: p35640.d

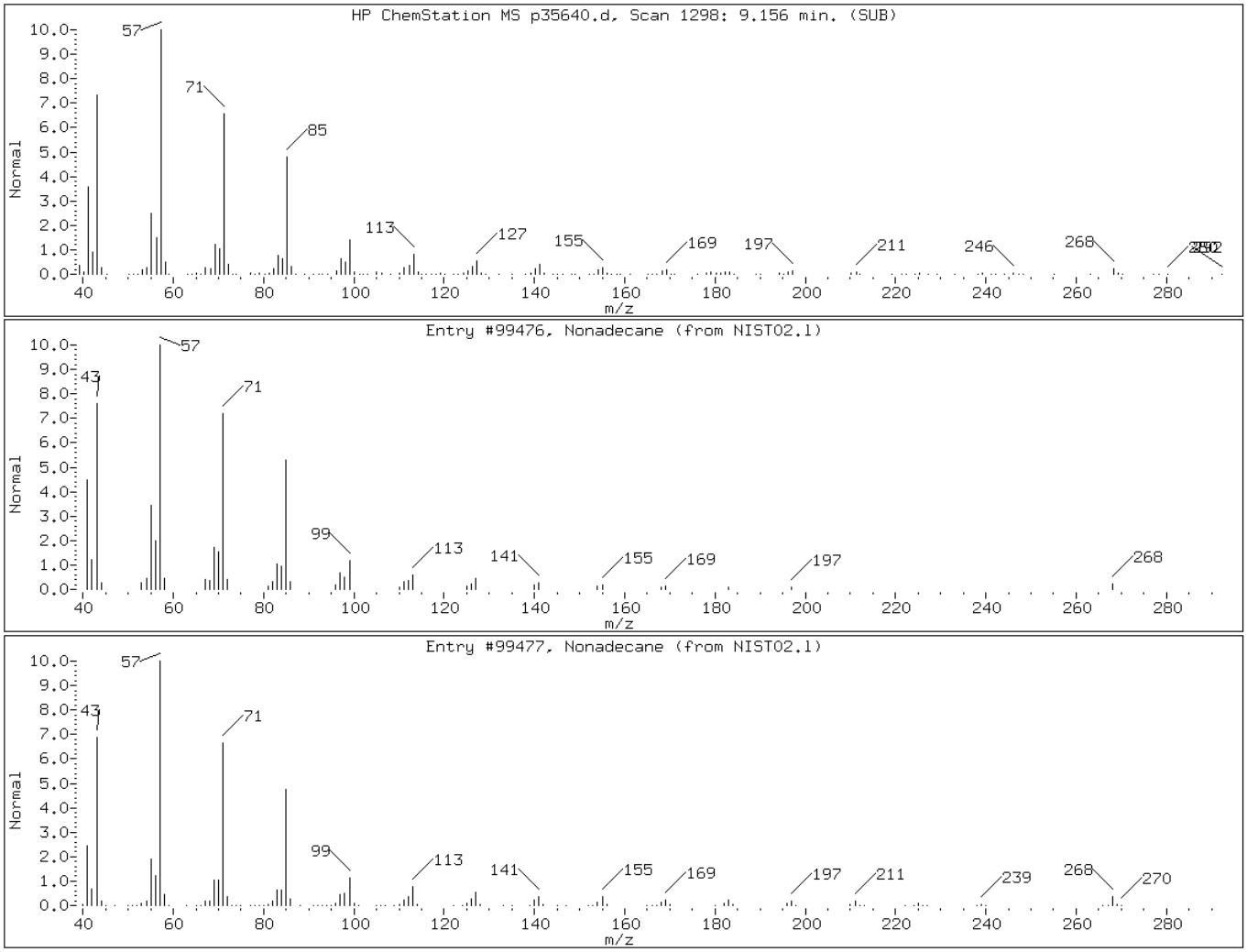
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 9.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Nonadecane	629-92-5	NIST02.l	99476	99	C19H40	268
Nonadecane	629-92-5	NIST02.l	99477	97	C19H40	268



Data File: p35640.d

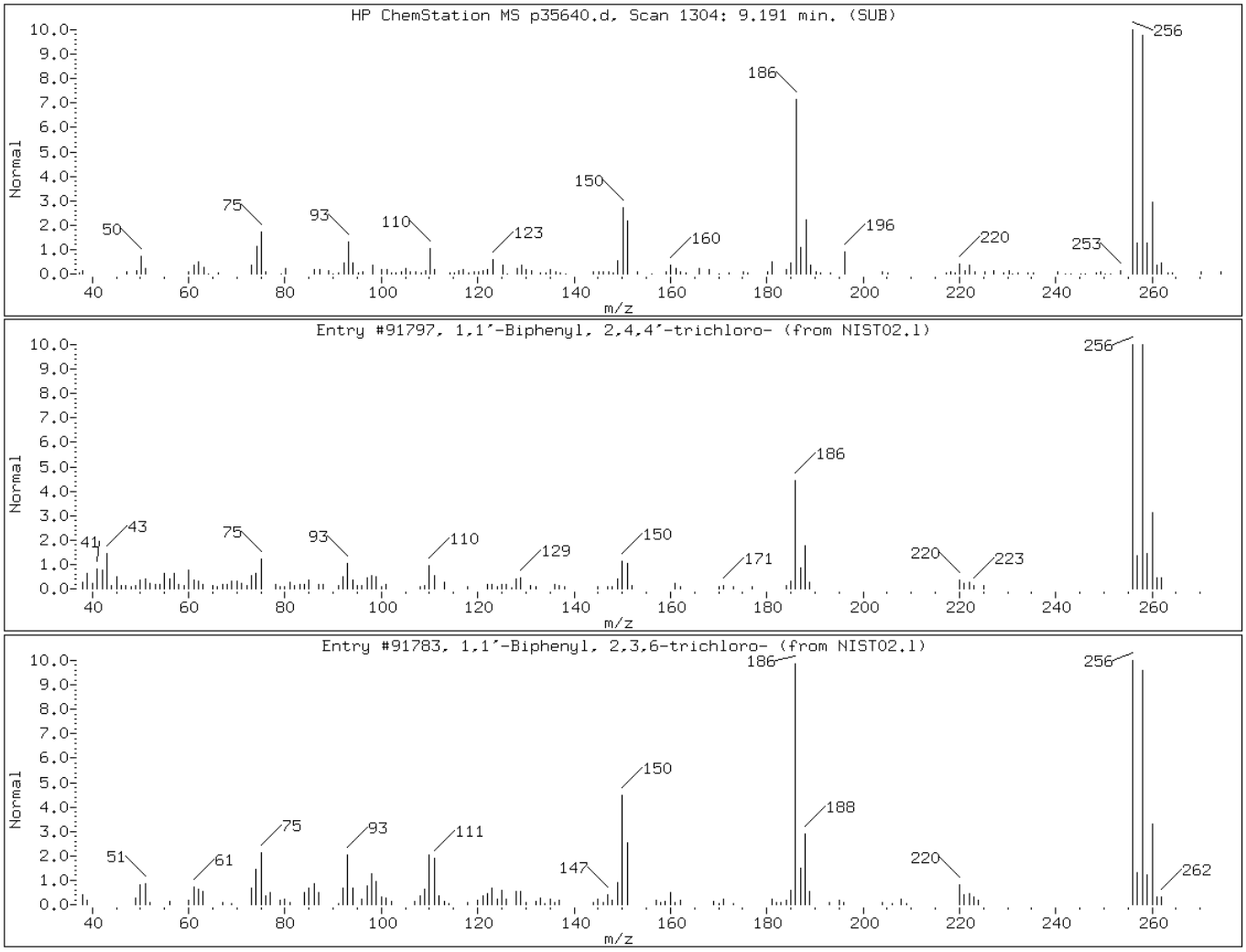
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 9.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	97	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	95	C12H7Cl3	256



Data File: p35640.d

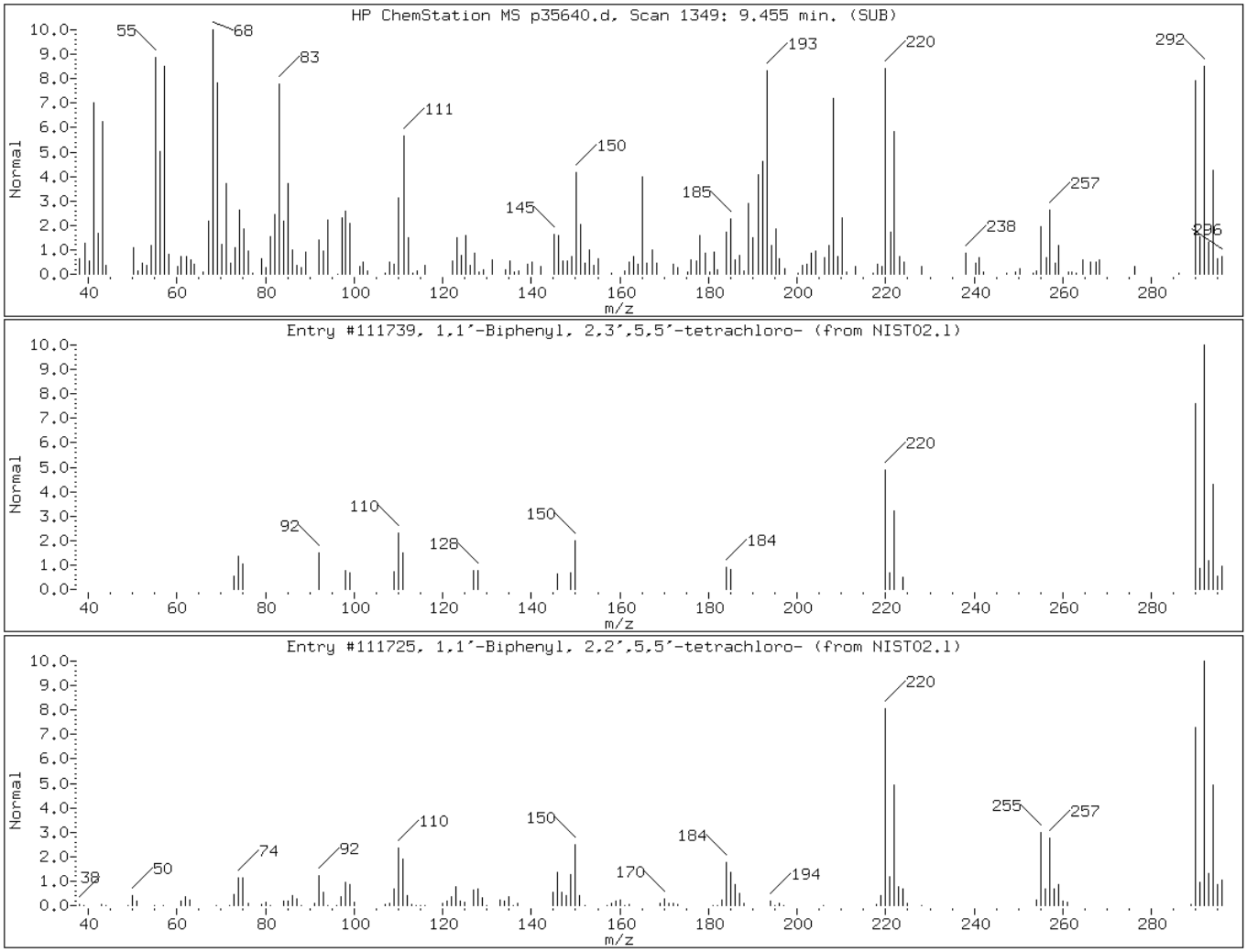
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 9.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	86	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	80	C12H6Cl4	290



Data File: p35640.d

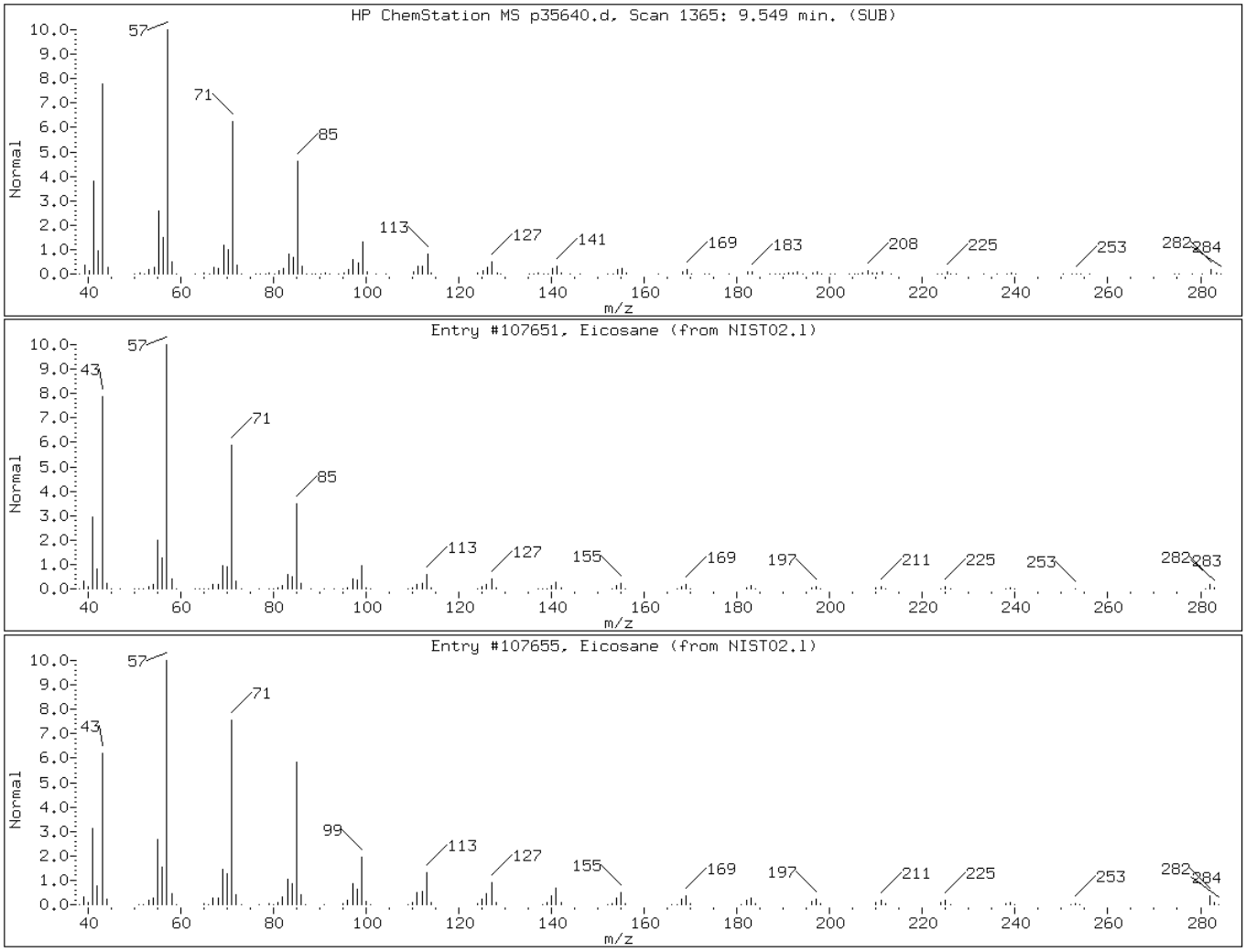
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 9.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Eicosane	112-95-8	NIST02.l	107651	95	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	95	C20H42	282



Data File: p35640.d

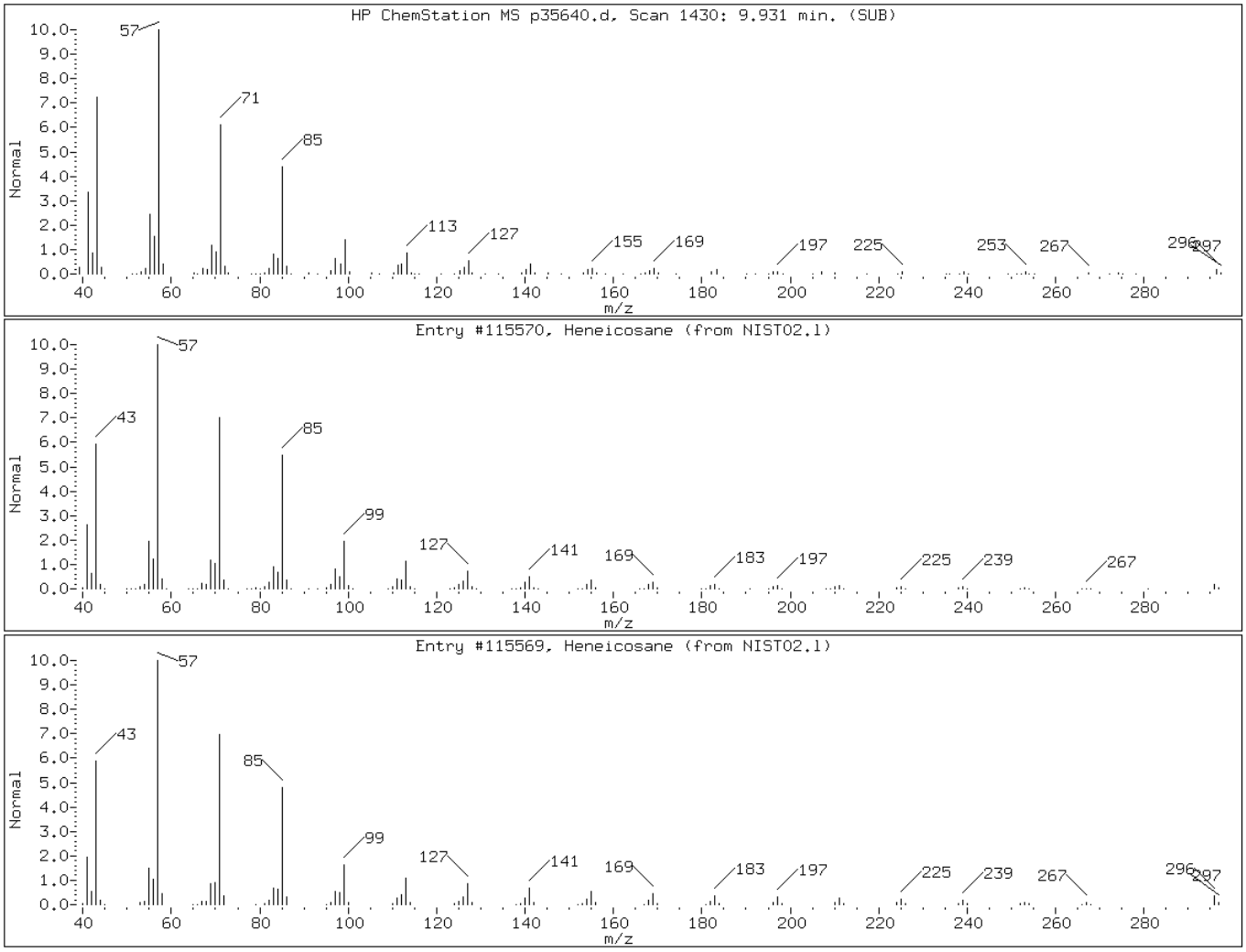
Date: 21-MAR-2013 20:16

Client ID: PMP-15-NE-SD Instrument: BNAMS10.i

Sample Info: 460-52450-F-40-C Operator: BNAMS 4

Retention Time: 9.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Heneicosane	629-94-7	NIST02.l	115570	99	C21H44	296
Heneicosane	629-94-7	NIST02.l	115569	97	C21H44	296



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD | Lab Sample ID: 460-52450-41

Matrix: Solid | Lab File ID: p35519.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 09:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.9	U	34	3.9
95-50-1	1,2-Dichlorobenzene	40	U	340	40
541-73-1	1,3-Dichlorobenzene	31	U	340	31
106-46-7	1,4-Dichlorobenzene	39	U	340	39
121-14-2	2,4-Dinitrotoluene	11	U	70	11
606-20-2	2,6-Dinitrotoluene	10	U	70	10
91-58-7	2-Chloronaphthalene	39	U	340	39
91-57-6	2-Methylnaphthalene	44	U	340	44
88-74-4	2-Nitroaniline	140	U	700	140
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
99-09-2	3-Nitroaniline	120	U	700	120
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
106-47-8	4-Chloroaniline	91	U	340	91
7005-72-3	4-Chlorophenyl phenyl ether	41	U	340	41
100-01-6	4-Nitroaniline	110	U	700	110
83-32-9	Acenaphthene	50	U	340	50
208-96-8	Acenaphthylene	41	U	340	41
120-12-7	Anthracene	42	U	340	42
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
191-24-2	Benzo[g,h,i]perylene	26	U	340	26
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
108-60-1	bis (2-chloroisopropyl) ether	38	U	340	38
111-91-1	Bis(2-chloroethoxy)methane	45	U	340	45
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
85-68-7	Butyl benzyl phthalate	32	U	340	32
86-74-8	Carbazole	41	U	340	41
218-01-9	Chrysene	40	U	340	40
53-70-3	Dibenz(a,h)anthracene	4.4	U	34	4.4
132-64-9	Dibenzofuran	41	U	340	41
84-66-2	Diethyl phthalate	41	U	340	41
131-11-3	Dimethyl phthalate	41	U	340	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD | Lab Sample ID: 460-52450-41

Matrix: Solid | Lab File ID: p35519.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 09:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	43	U	340	43
117-84-0	Di-n-octyl phthalate	22	U	340	22
206-44-0	Fluoranthene	46	U	340	46
86-73-7	Fluorene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
77-47-4	Hexachlorocyclopentadiene	41	U	340	41
67-72-1	Hexachloroethane	3.8	U	34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
78-59-1	Isophorone	42	U	340	42
91-20-3	Naphthalene	40	U	340	40
98-95-3	Nitrobenzene	4.9	U	34	4.9
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	34	5.8
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-01-8	Phenanthrene	44	U	340	44
129-00-0	Pyrene	29	U	340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	73		40-109
4165-60-0	Nitrobenzene-d5	77		38-105
1718-51-0	Terphenyl-d14	73		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD | Lab Sample ID: 460-52450-41

Matrix: Solid | Lab File ID: p35519.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 09:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 484

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.38	430	J
593-45-3	n-Octadecane	8.81	54	J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35519.d
Report Date: 19-Mar-2013 13:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35519.d
Lab Smp Id: 460-52450-F-41-G Client Smp ID: PMP-28-NE-VD
Inj Date : 19-MAR-2013 09:53
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-41-G
Misc Info : 460-52450-F-41-G
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/8270C_11.m
Meth Date : 19-Mar-2013 03:11 wahied Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 18
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	15.02000	Weight of sample extracted (g)
M	4.37158	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.174	3.133	(0.717)	2049920	68.4915	4800
$ 17 Phenol-d5 (SUR)	99	4.062	4.067	(0.918)	2337071	68.1227	4700
* 79 1,4-Dichlorobenzene-d4	152	4.426	4.432	(1.000)	882771	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.978	4.990	(0.872)	1123102	38.3942	2700
* 80 Naphthalene-d8	136	5.707	5.713	(1.000)	2752737	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.788	6.794	(0.909)	1833769	36.6521	2600
* 82 Acenaphthene-d10	164	7.464	7.464	(1.000)	1474993	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.239	8.245	(1.104)	404308	65.9329	4600
115 n-Octadecane	57	8.809	8.815	(0.987)	20527	0.77688	54(a)
* 83 Phenanthrene-d10	188	8.927	8.927	(1.000)	1615109	40.0000	
$ 78 Terphenyl-d14	244	10.501	10.501	(0.897)	951530	36.4520	2500
* 81 Chrysene-d12	240	11.712	11.723	(1.000)	824481	40.0000	
* 84 Perylene-d12	264	13.662	13.668	(1.000)	618686	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35519.d
Report Date: 19-Mar-2013 13:17

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p35519.d

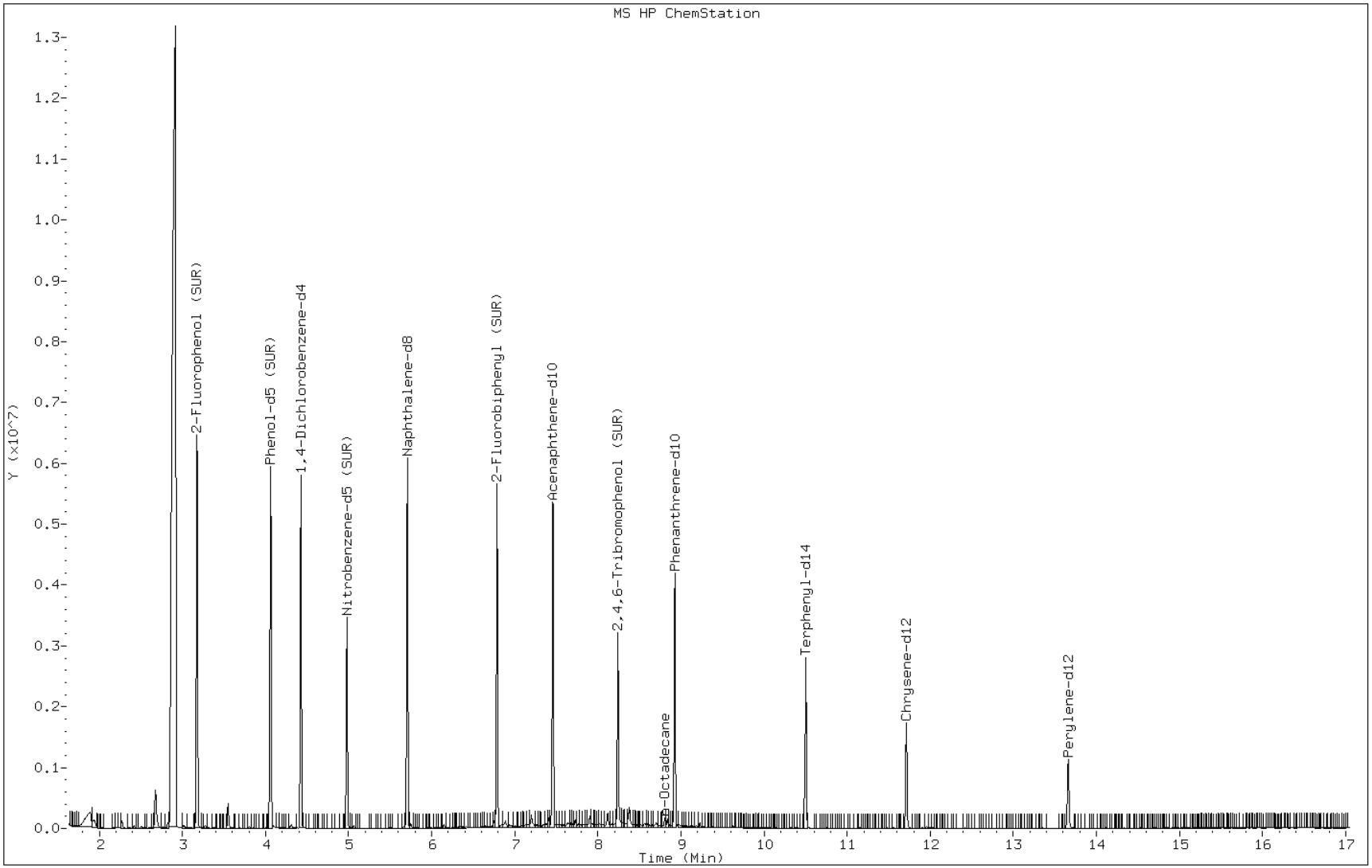
Date: 19-MAR-2013 09:53

Client ID: PMP-28-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-41-G

Operator: BNAMS 4



Data File: p35519.d

Date: 19-MAR-2013 09:53

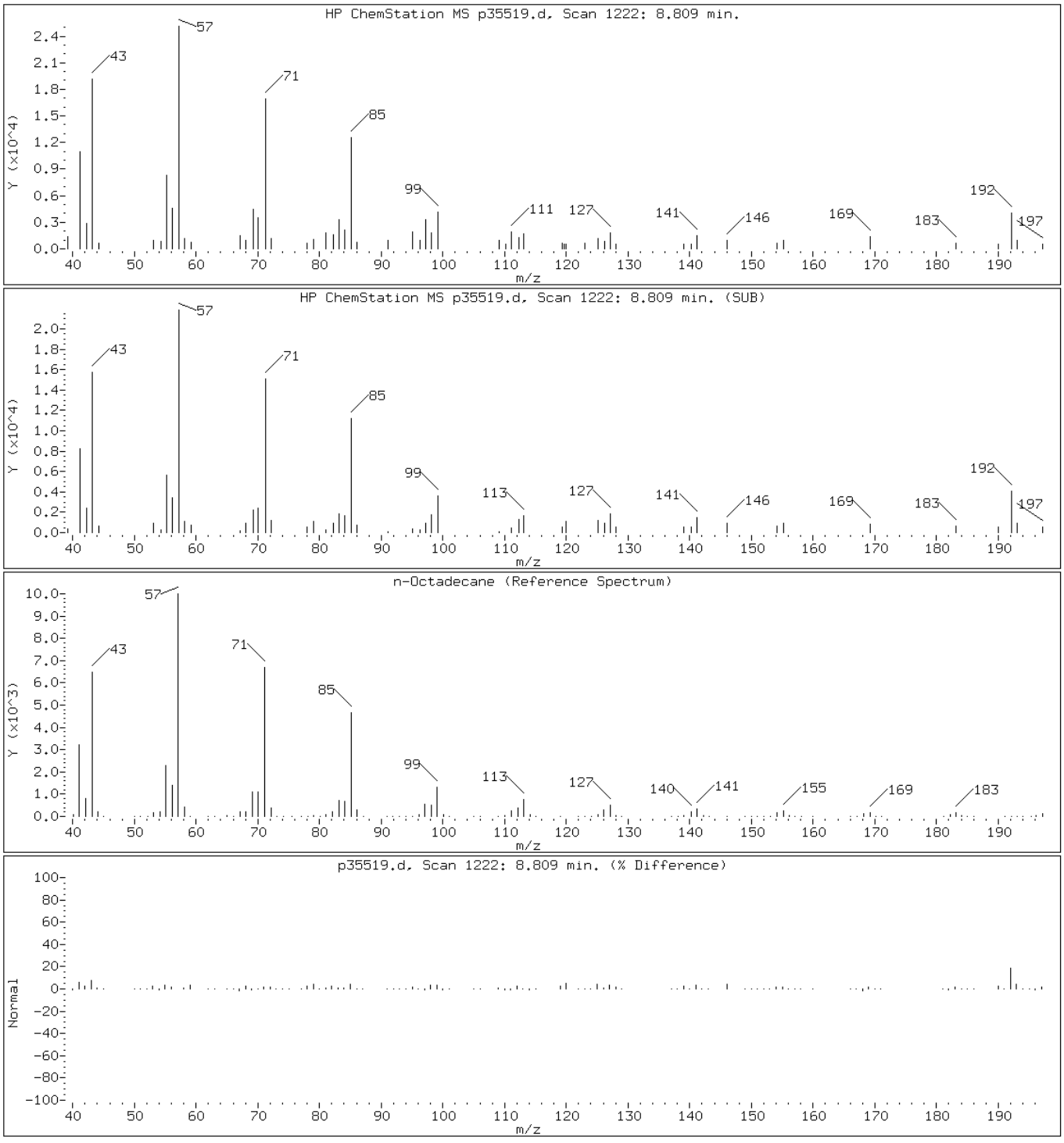
Client ID: PMP-28-NE-VD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-41-G

Operator: BNAMS 4

115 n-Octadecane



Data File: p35519.d

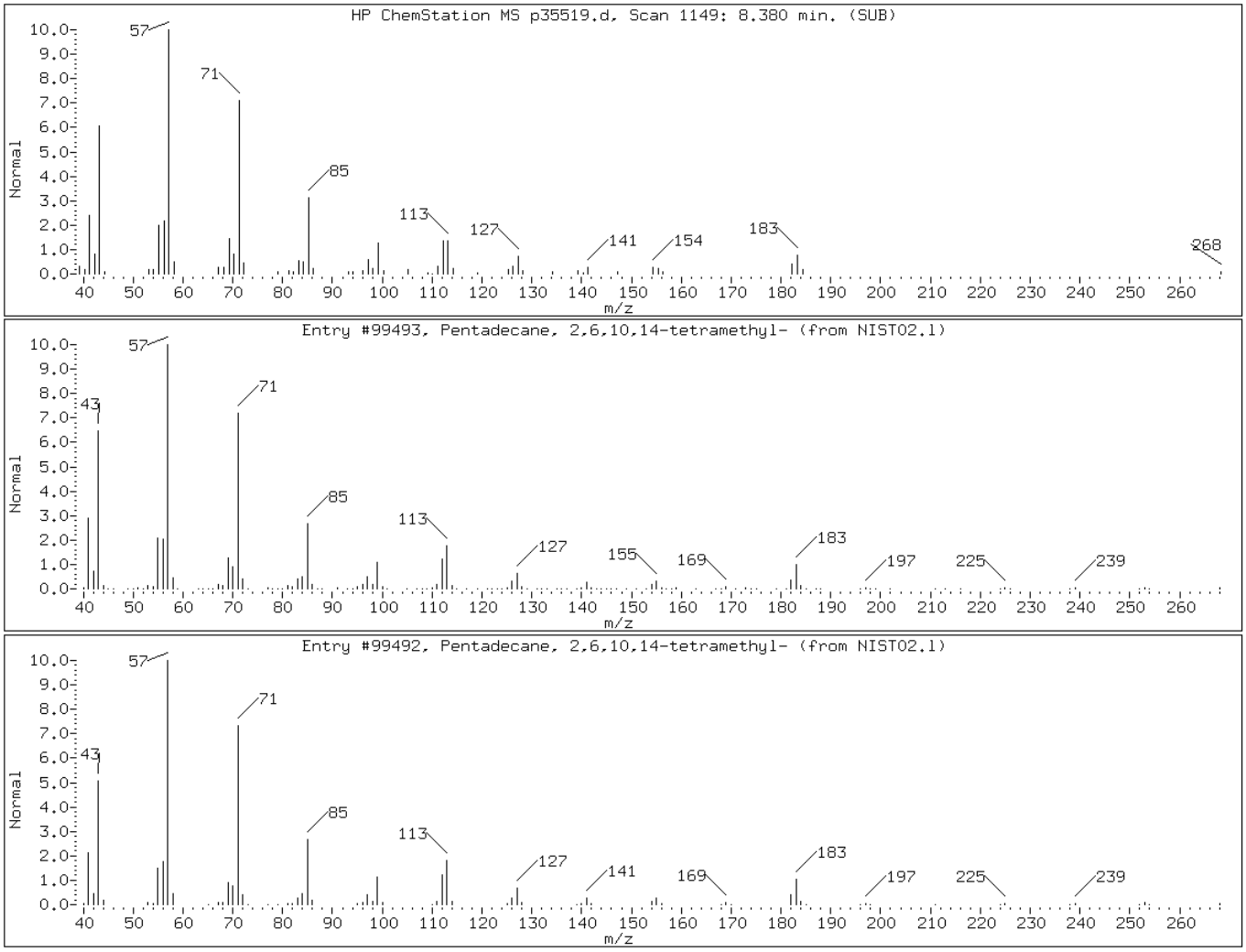
Date: 19-MAR-2013 09:53

Client ID: PMP-28-NE-VD Instrument: BNAMS10.i

Sample Info: 460-52450-F-41-G Operator: BNAMS 4

Retention Time: 8.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	91	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	86	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT | Lab Sample ID: 460-52450-42

Matrix: Solid | Lab File ID: p35575.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 11:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.1	U	36	4.1
95-50-1	1,2-Dichlorobenzene	42	U	360	42
541-73-1	1,3-Dichlorobenzene	33	U	360	33
106-46-7	1,4-Dichlorobenzene	41	U	360	41
121-14-2	2,4-Dinitrotoluene	12	U	73	12
606-20-2	2,6-Dinitrotoluene	11	U	73	11
91-58-7	2-Chloronaphthalene	40	U	360	40
91-57-6	2-Methylnaphthalene	47	U	360	47
88-74-4	2-Nitroaniline	150	U	730	150
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
99-09-2	3-Nitroaniline	130	U	730	130
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
106-47-8	4-Chloroaniline	96	U	360	96
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
83-32-9	Acenaphthene	53	U	360	53
208-96-8	Acenaphthylene	43	U	360	43
120-12-7	Anthracene	44	U	360	44
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
108-60-1	bis (2-chloroisopropyl) ether	40	U	360	40
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
85-68-7	Butyl benzyl phthalate	33	U	360	33
86-74-8	Carbazole	43	U	360	43
218-01-9	Chrysene	42	U	360	42
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
131-11-3	Dimethyl phthalate	43	U	360	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT | Lab Sample ID: 460-52450-42

Matrix: Solid | Lab File ID: p35575.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 11:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	45	U	360	45
117-84-0	Di-n-octyl phthalate	23	U	360	23
206-44-0	Fluoranthene	48	U	360	48
86-73-7	Fluorene	46	U	360	46
118-74-1	Hexachlorobenzene	5.0	U	36	5.0
87-68-3	Hexachlorobutadiene	8.8	U	73	8.8
77-47-4	Hexachlorocyclopentadiene	43	U	360	43
67-72-1	Hexachloroethane	4.0	U	36	4.0
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
78-59-1	Isophorone	44	U	360	44
91-20-3	Naphthalene	42	U	360	42
98-95-3	Nitrobenzene	5.1	U	36	5.1
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-01-8	Phenanthrene	46	U	360	46
129-00-0	Pyrene	30	U	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	73		40-109
4165-60-0	Nitrobenzene-d5	66		38-105
1718-51-0	Terphenyl-d14	62		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT | Lab Sample ID: 460-52450-42

Matrix: Solid | Lab File ID: p35575.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:40

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/20/2013 11:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152146 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 59200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	8.10	2000	J
	Unknown Alkane-3	8.36	6700	J
	Unknown Alkane-4	8.37	6100	J
	Unknown Alkane-5	8.54	2300	J
593-45-3	n-Octadecane	8.80	6600	
	Unknown Alkane-7	8.83	6900	J
	Unknown Alkane-8	8.97	2600	J
	Unknown Alkane-10	9.10	2000	J
	Unknown Alkane-11	9.17	1800	J
	Unknown Alkane-12	9.22	8400	J
	Unknown-3	9.53	2300	J
	Unknown Alkane-14	9.62	4400	J
	Unknown Alkane-15	9.77	2200	J
	Unknown Alkane-16	10.00	2700	J
	Unknown Alkane-17	10.37	2200	J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13.b/p35575.d
Report Date: 22-Mar-2013 10:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13.b/p35575.d
Lab Smp Id: 460-52450-F-42-C Client Smp ID: PMP-28-NE-WT
Inj Date : 20-MAR-2013 11:32
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-42-C
Misc Info : 460-52450-F-42-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/20mar13.b/8270C_11.m
Meth Date : 20-Mar-2013 03:54 asfawa Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 23
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	15.03000	Weight of sample extracted (g)
M	8.87372	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.145	3.110	(0.714)	1776127	58.6267	4300
$ 17 Phenol-d5 (SUR)	99	4.038	4.050	(0.917)	2072660	59.6856	4400
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.408	(1.000)	893566	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.967	(0.872)	951428	33.1490	2400
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2700956	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.770	6.770	(0.910)	1504689	36.6955	2700
* 82 Acenaphthene-d10	164	7.440	7.446	(1.000)	1208863	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.227	8.222	(1.106)	305362	60.7599	4400
115 n-Octadecane	57	8.797	8.792	(0.987)	1722989	90.8152	6600
* 83 Phenanthrene-d10	188	8.909	8.909	(1.000)	1159720	40.0000	
$ 78 Terphenyl-d14	244	10.484	10.478	(0.896)	595754	30.9782	2300
* 81 Chrysene-d12	240	11.694	11.694	(1.000)	607421	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	371761	40.0000	

Data File: p35575.d

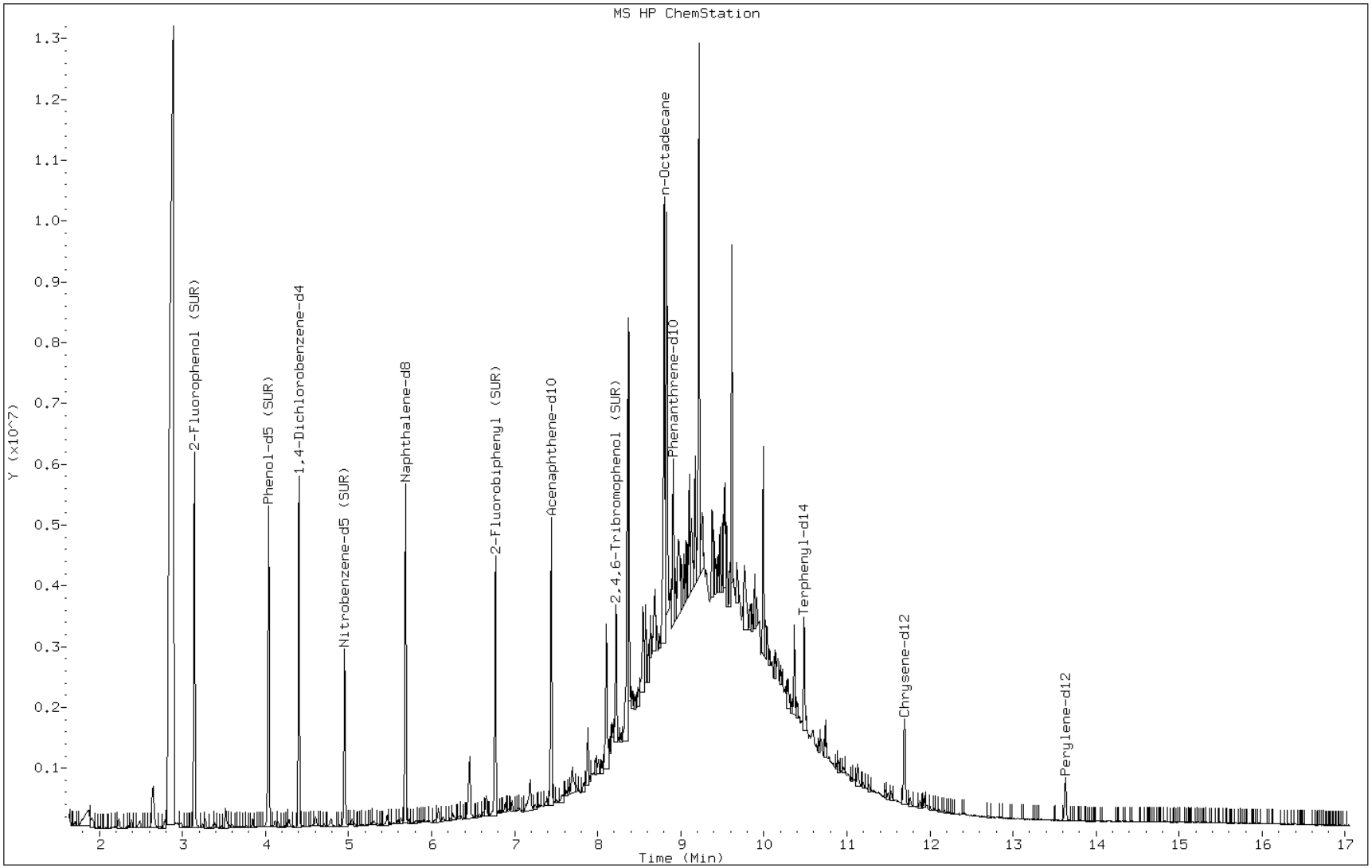
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT

Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C

Operator: BNAMS 4



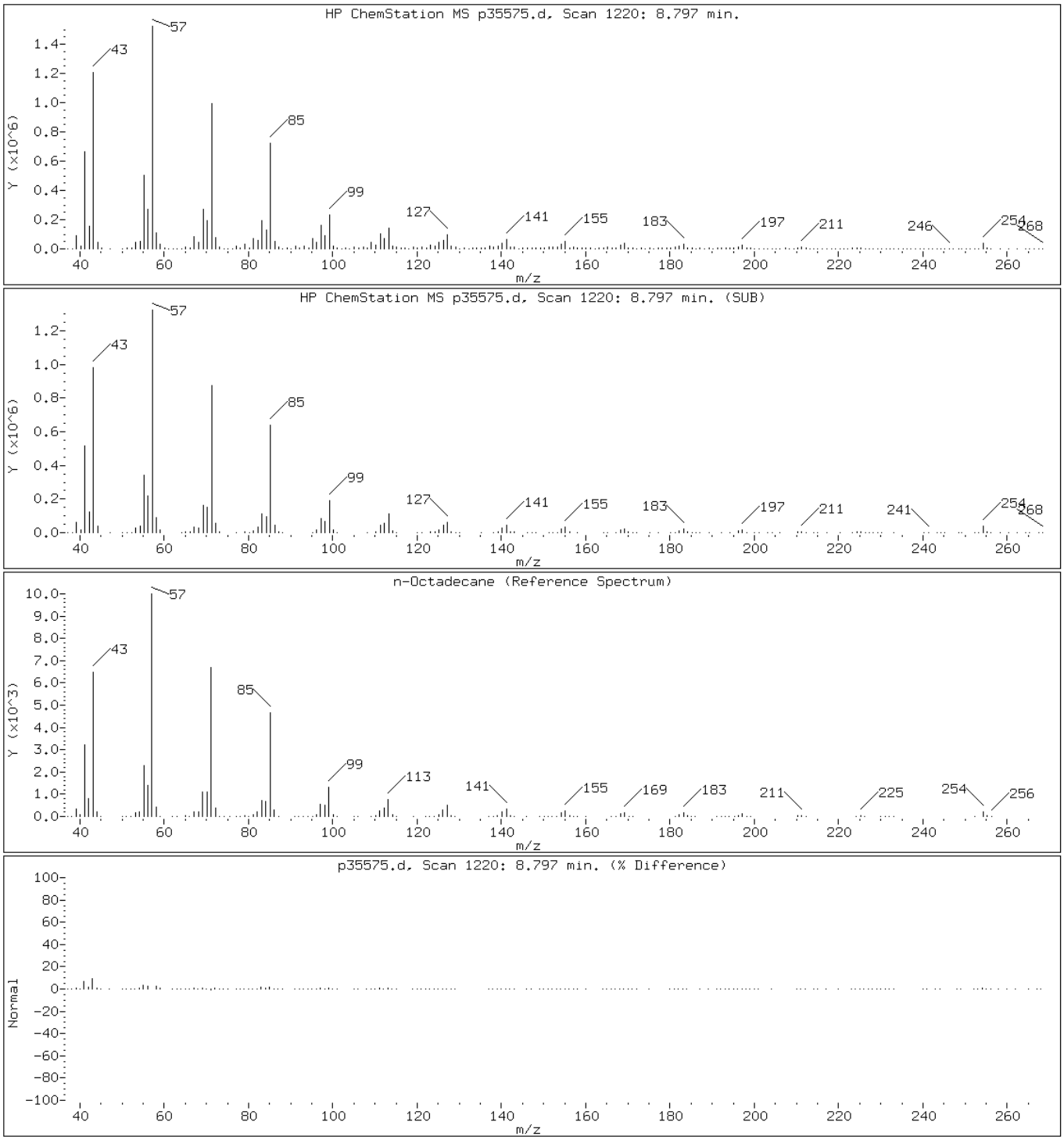
Data File: p35575.d

Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

115 n-Octadecane



Data File: p35575.d

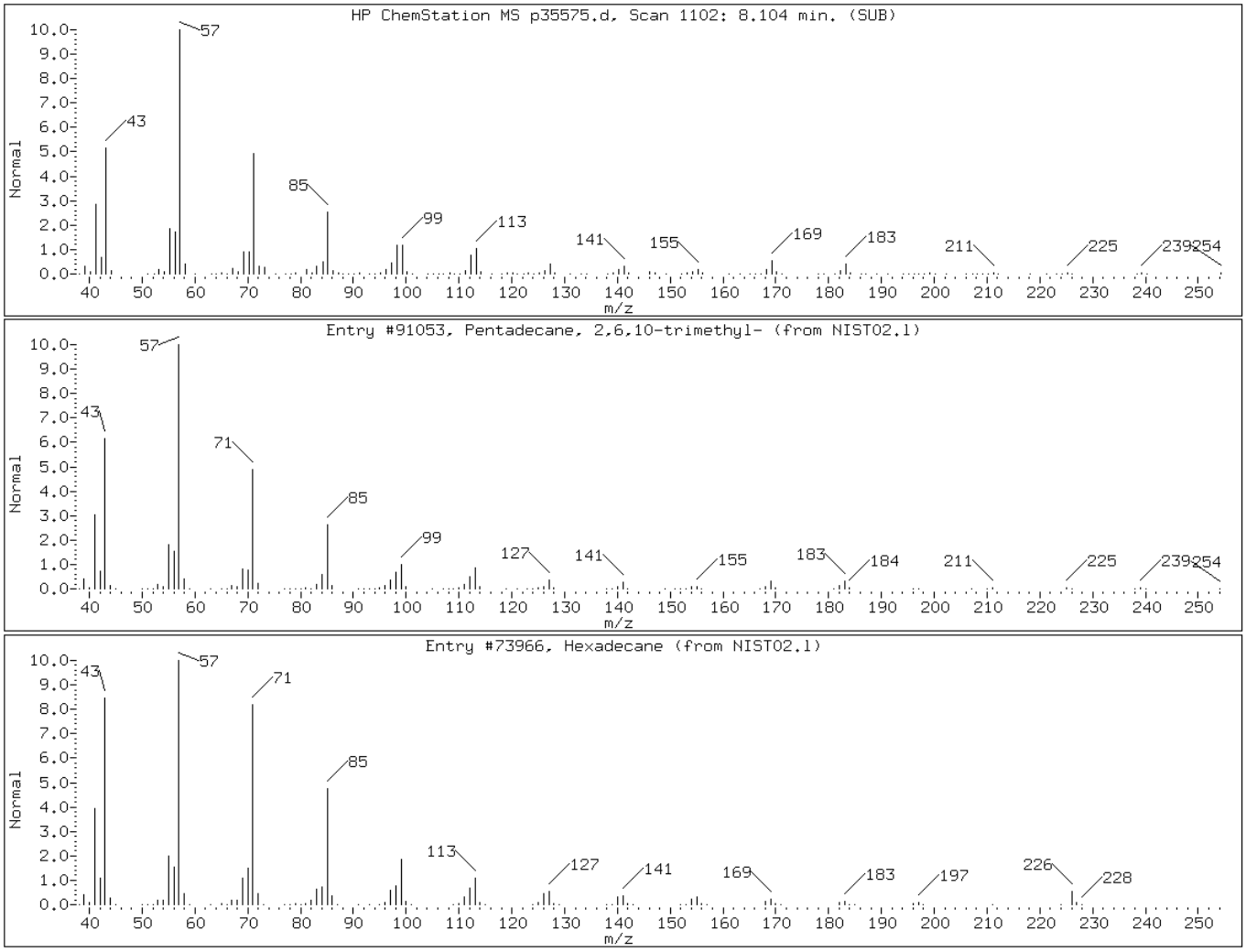
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	94	C18H38	254
Hexadecane	544-76-3	NIST02.l	73966	72	C16H34	226



Data File: p35575.d

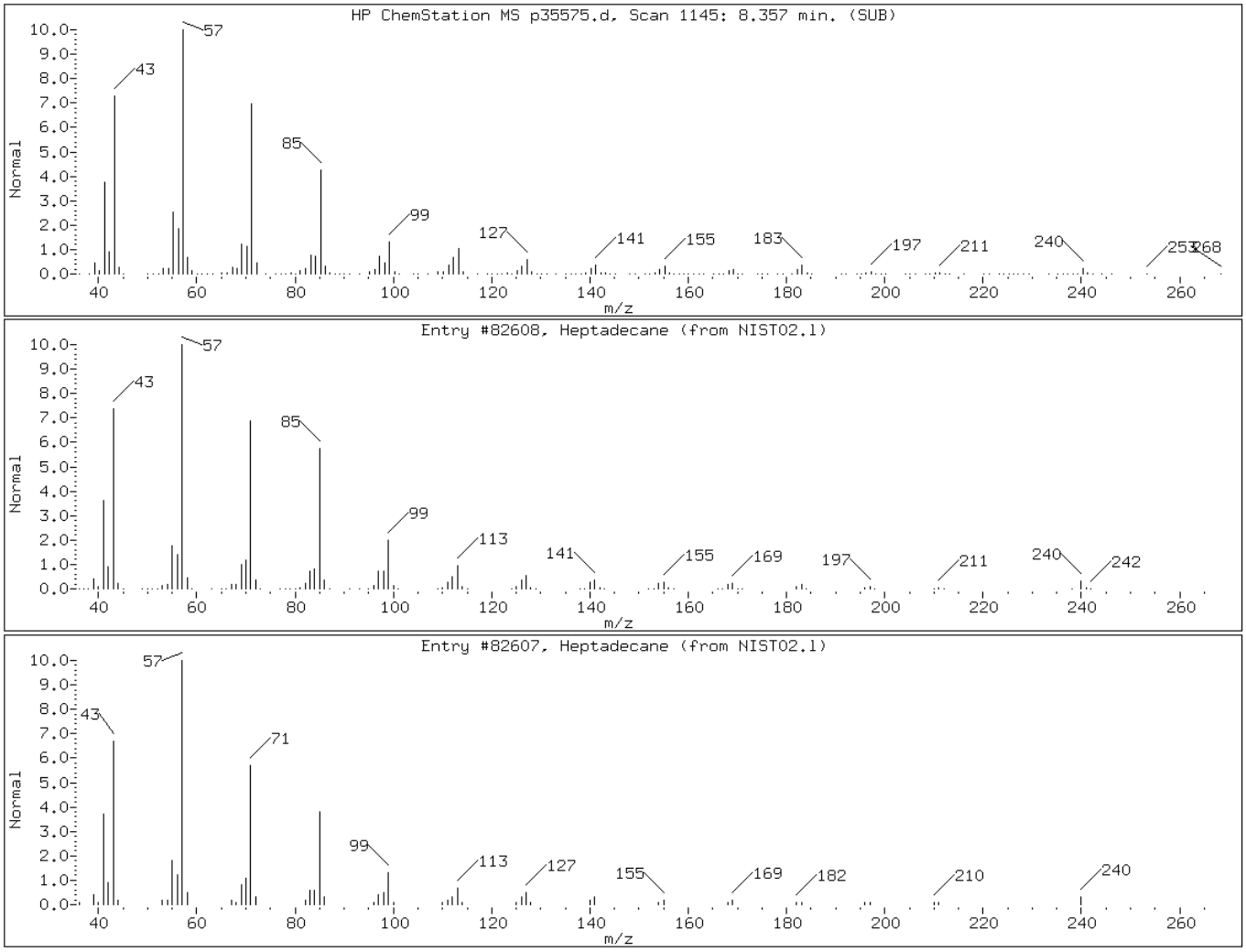
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	96	C17H36	240



Data File: p35575.d

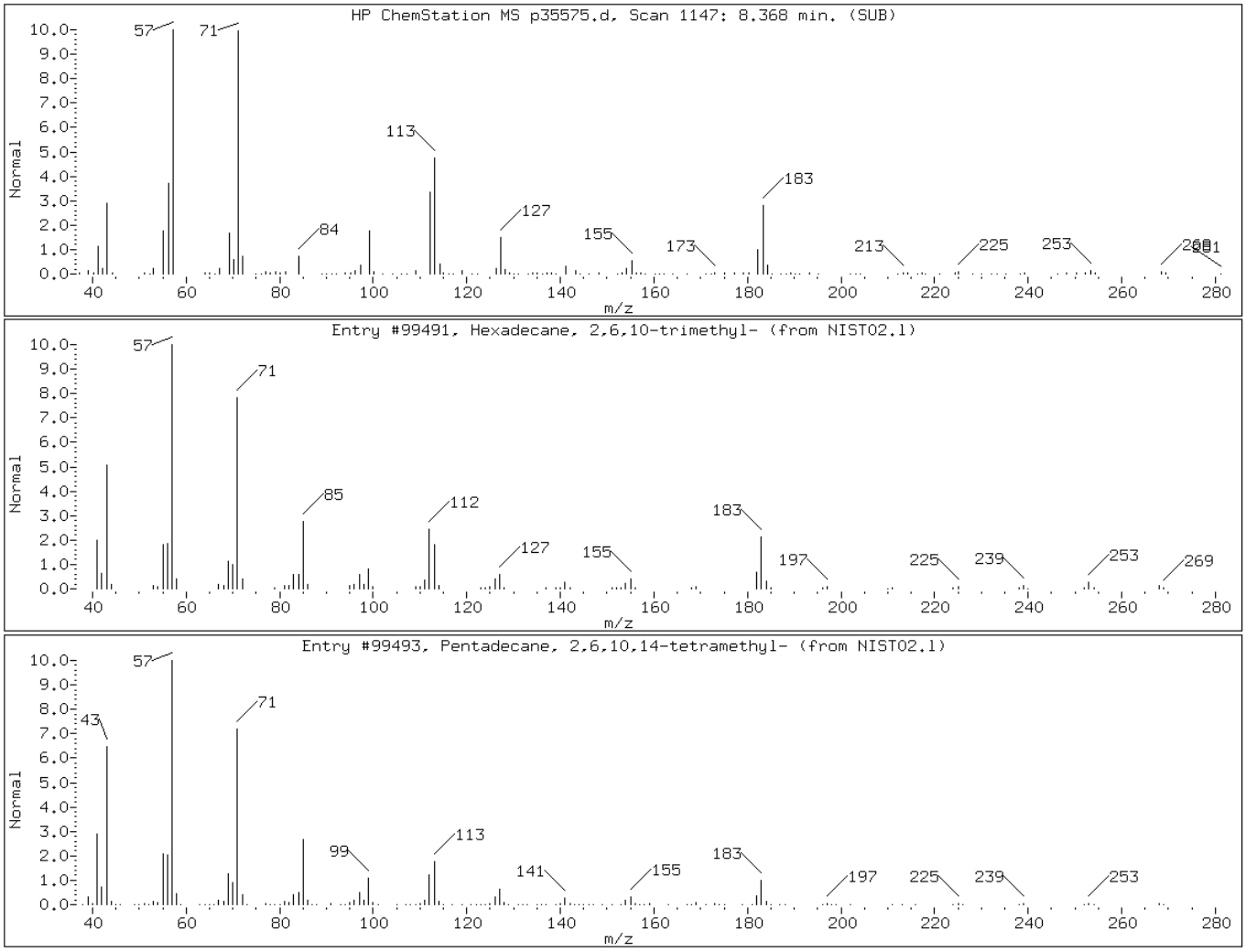
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	90	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	86	C19H40	268



Data File: p35575.d

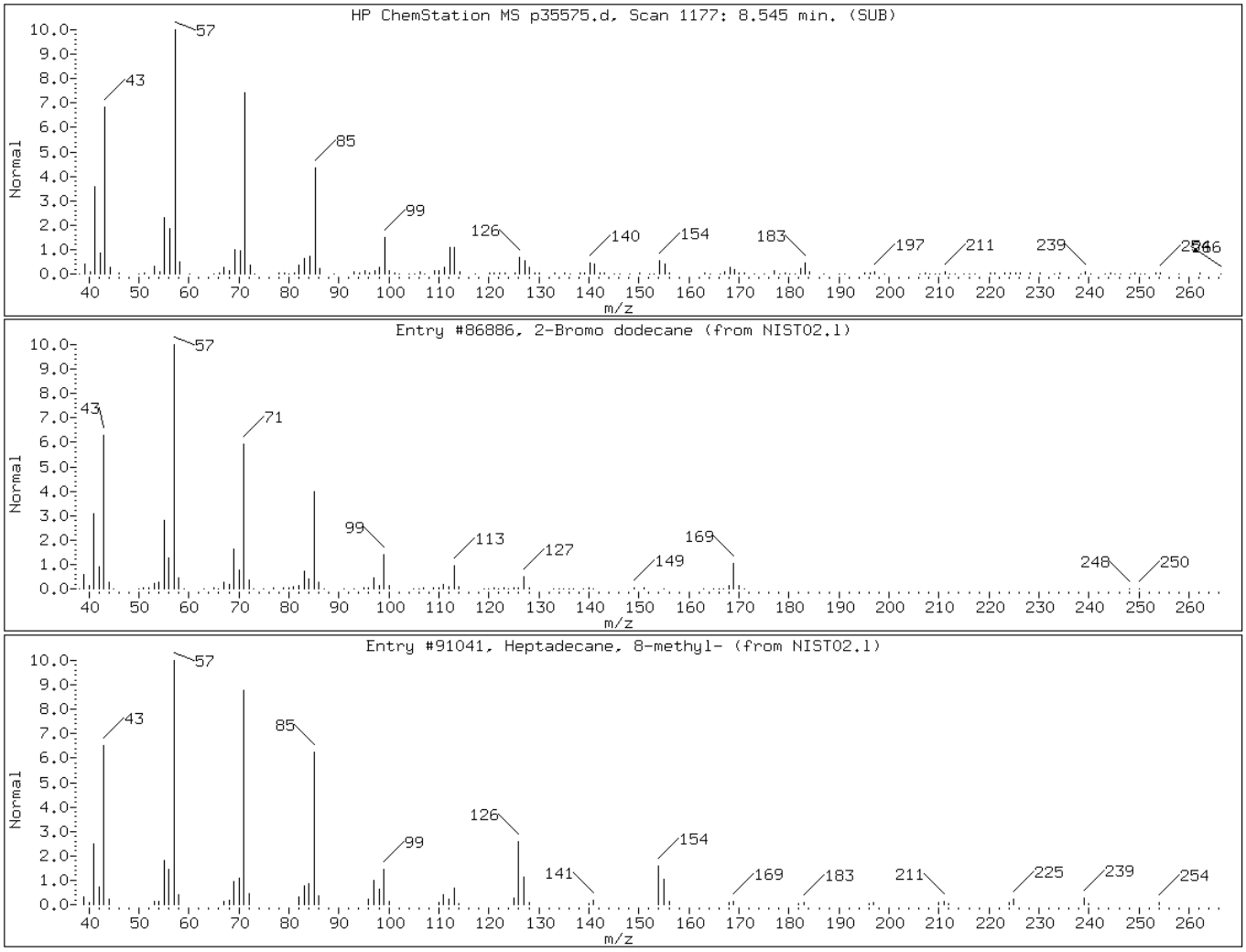
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
2-Bromo dodecane	13187-99-0	NIST02.l	86886	91	C12H25Br	248
Heptadecane, 8-methyl-	13287-23-5	NIST02.l	91041	90	C18H38	254



Data File: p35575.d

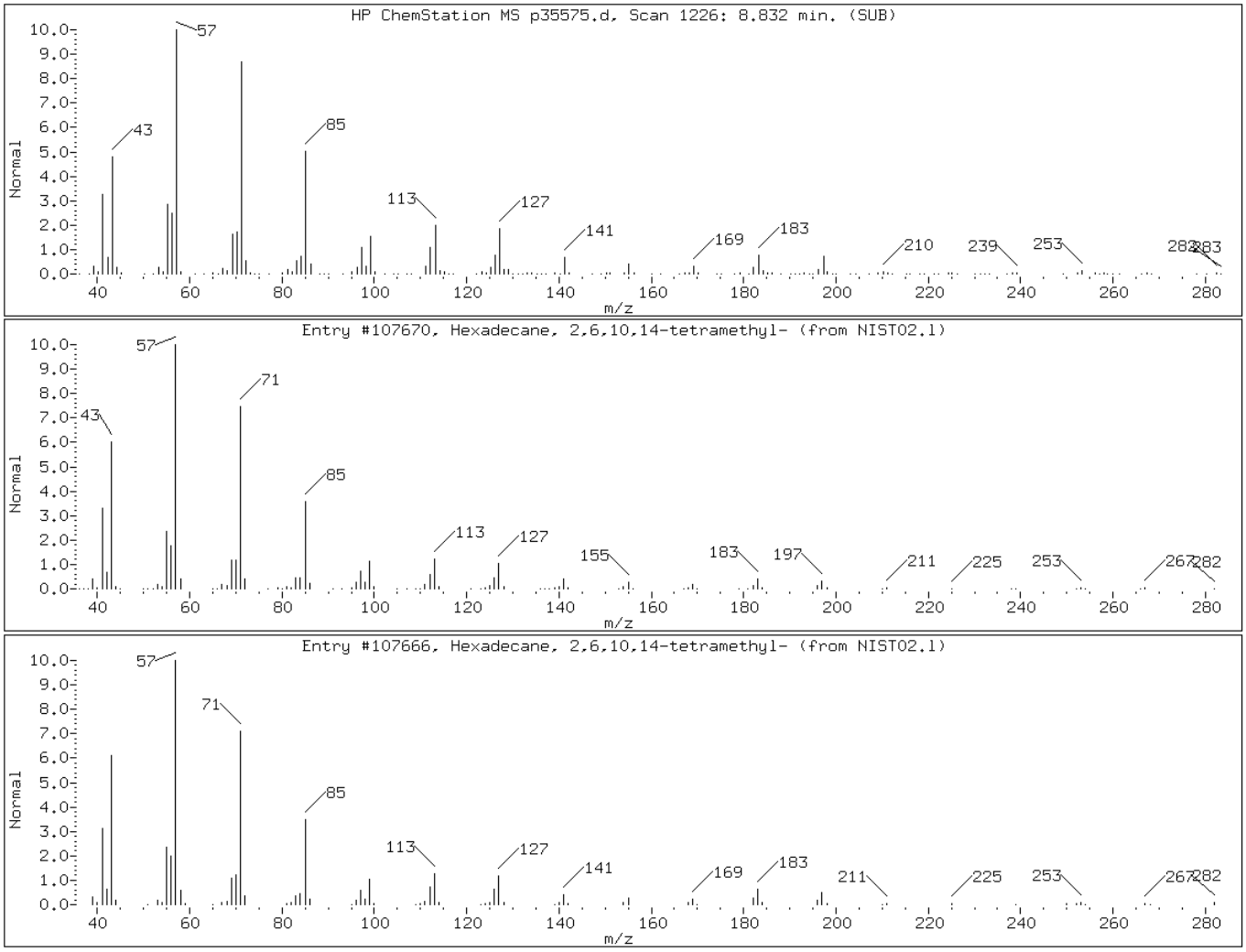
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 8.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	97	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	96	C20H42	282



Data File: p35575.d

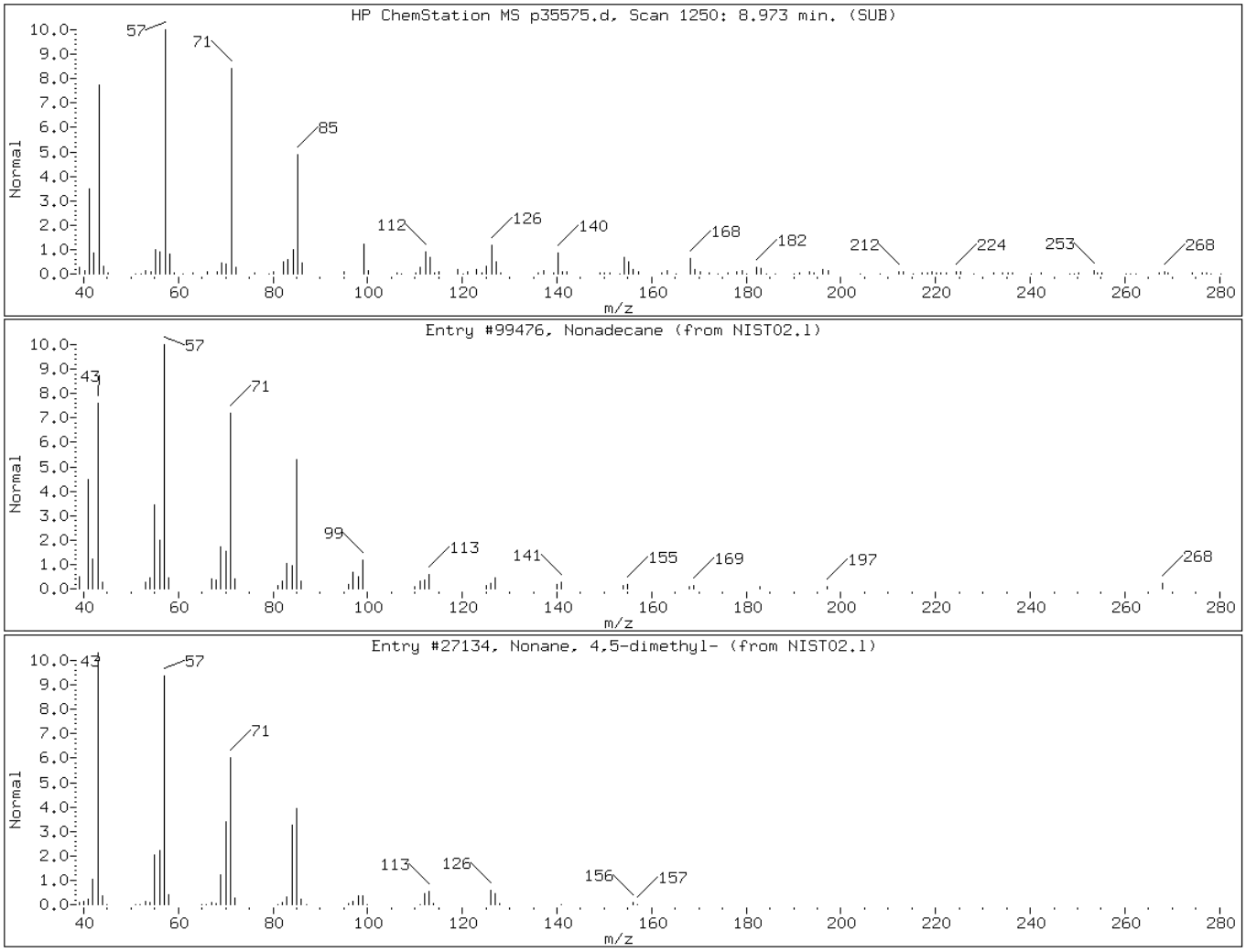
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 8.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Nonadecane	629-92-5	NIST02.l	99476	83	C19H40	268
Nonane, 4,5-dimethyl-	17302-23-7	NIST02.l	27134	80	C11H24	156



Data File: p35575.d

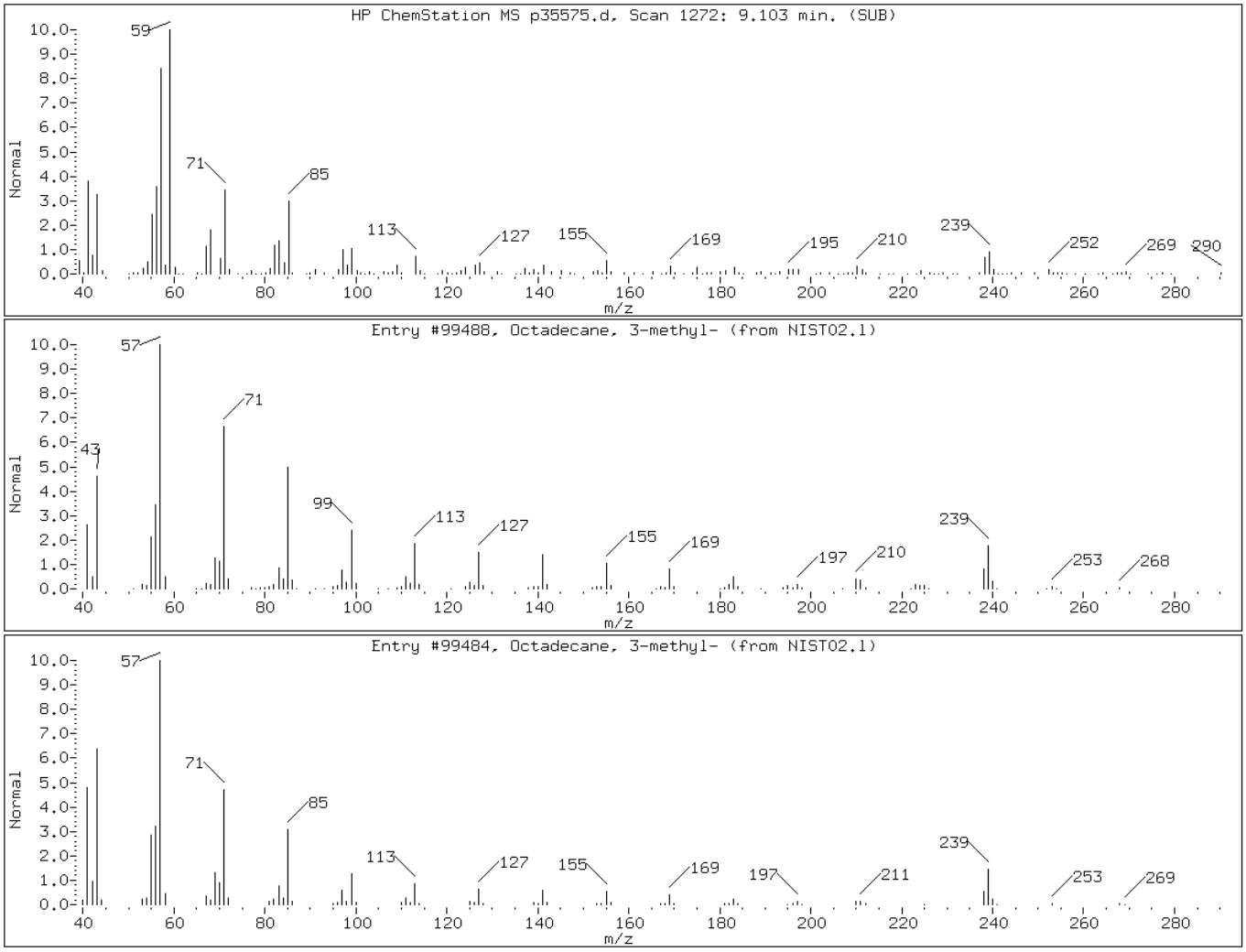
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 9.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Octadecane, 3-methyl-	6561-44-0	NIST02.l	99488	64	C19H40	268
Octadecane, 3-methyl-	6561-44-0	NIST02.l	99484	46	C19H40	268



Data File: p35575.d

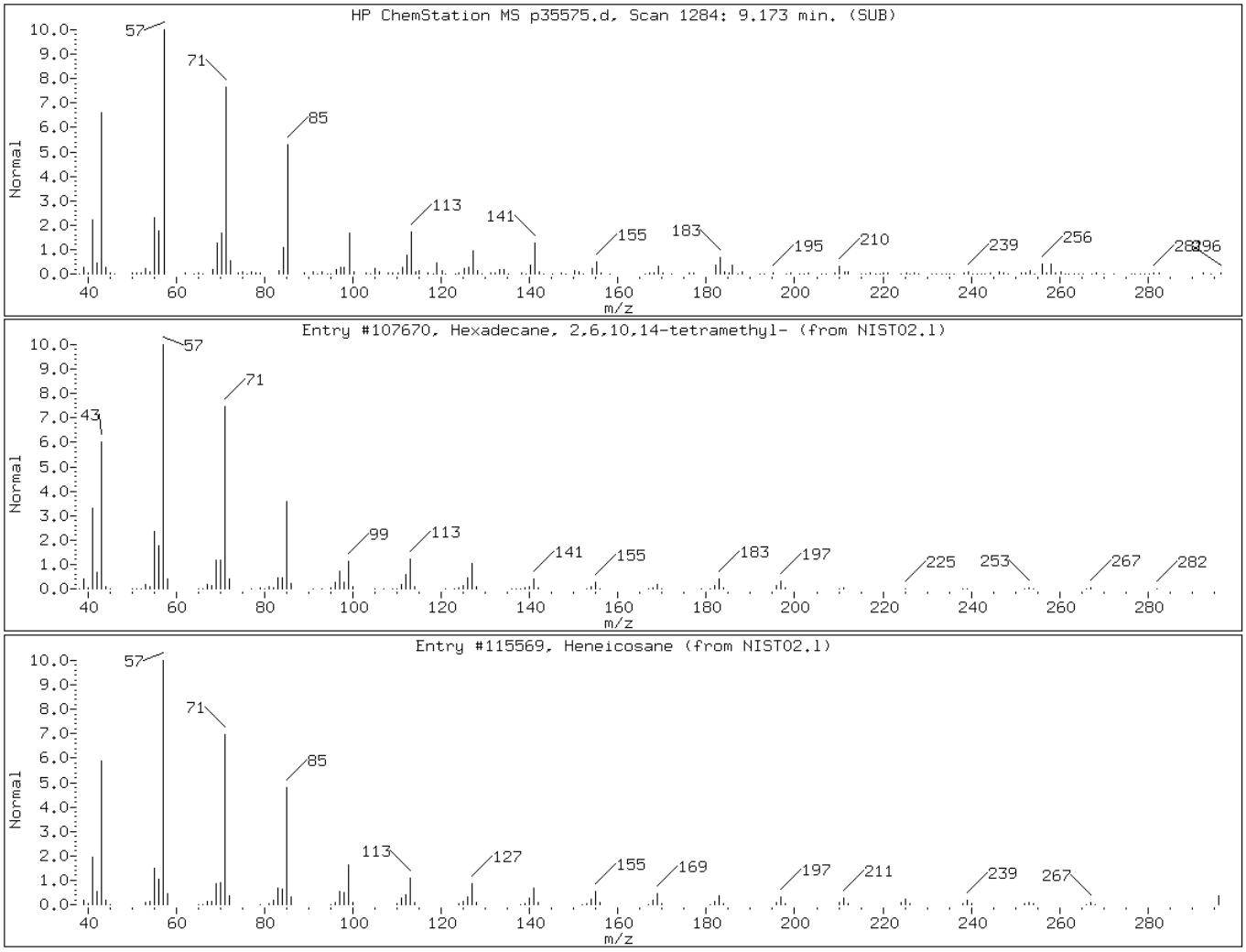
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	91	C20H42	282
Heneicosane	629-94-7	NIST02.l	115569	90	C21H44	296



Data File: p35575.d

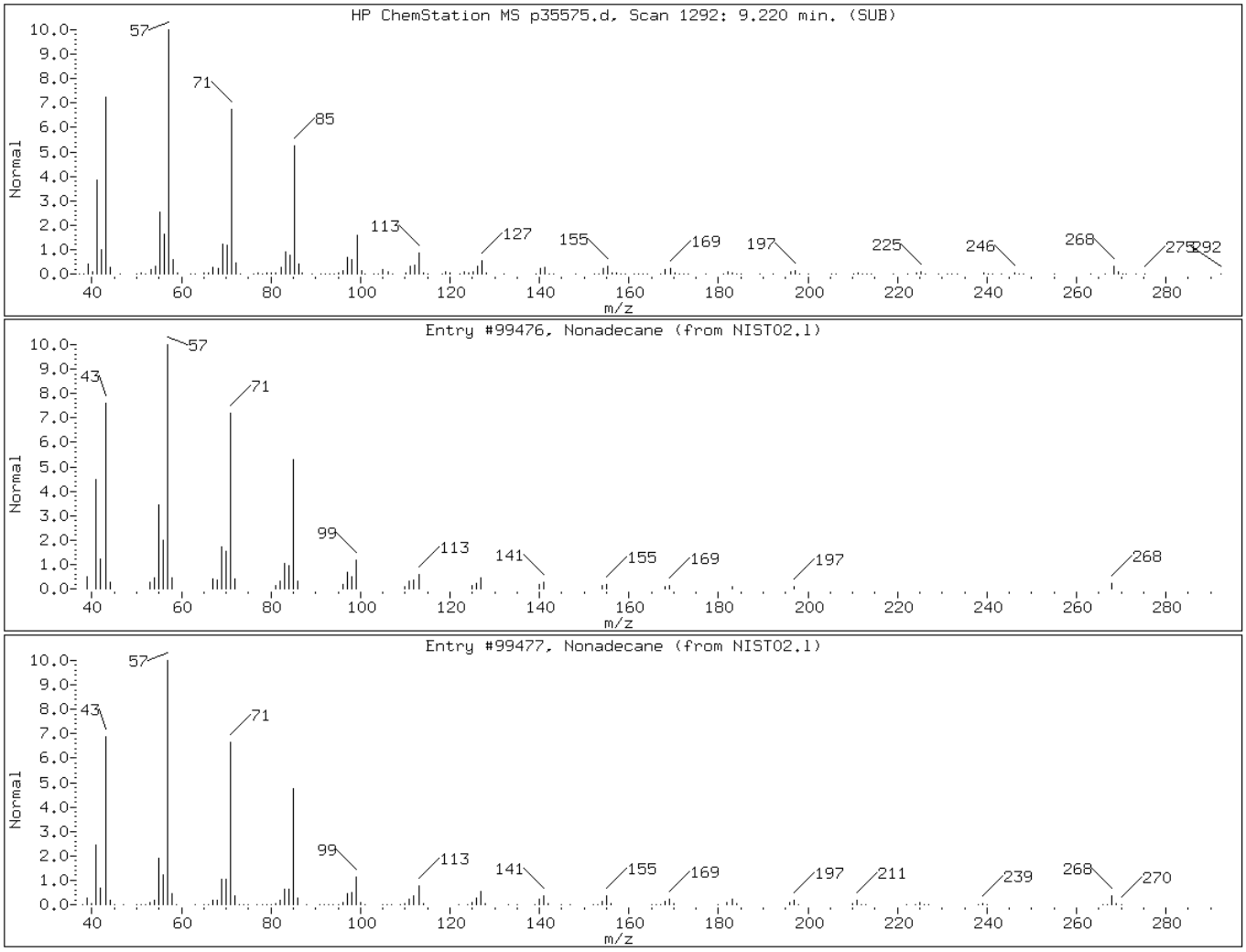
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 9.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Nonadecane	629-92-5	NIST02.l	99476	98	C19H40	268
Nonadecane	629-92-5	NIST02.l	99477	98	C19H40	268



Data File: p35575.d

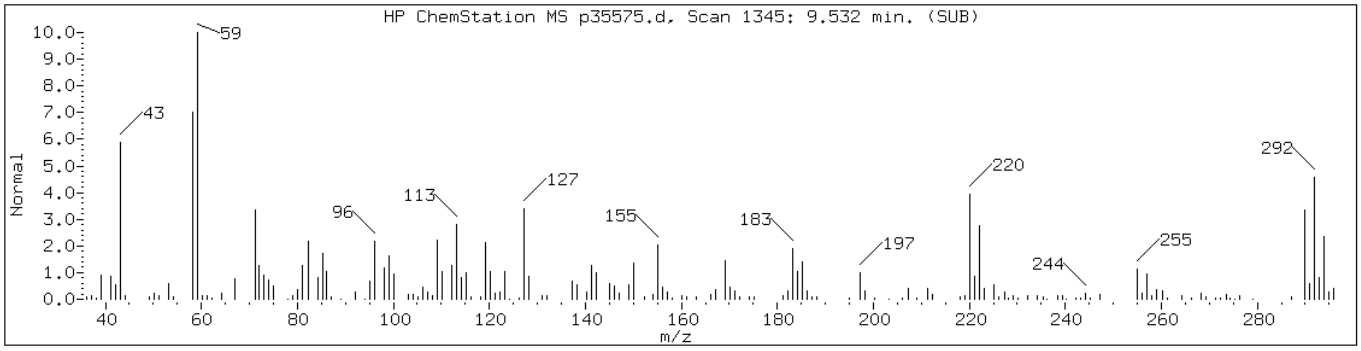
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 9.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Unknown						



Data File: p35575.d

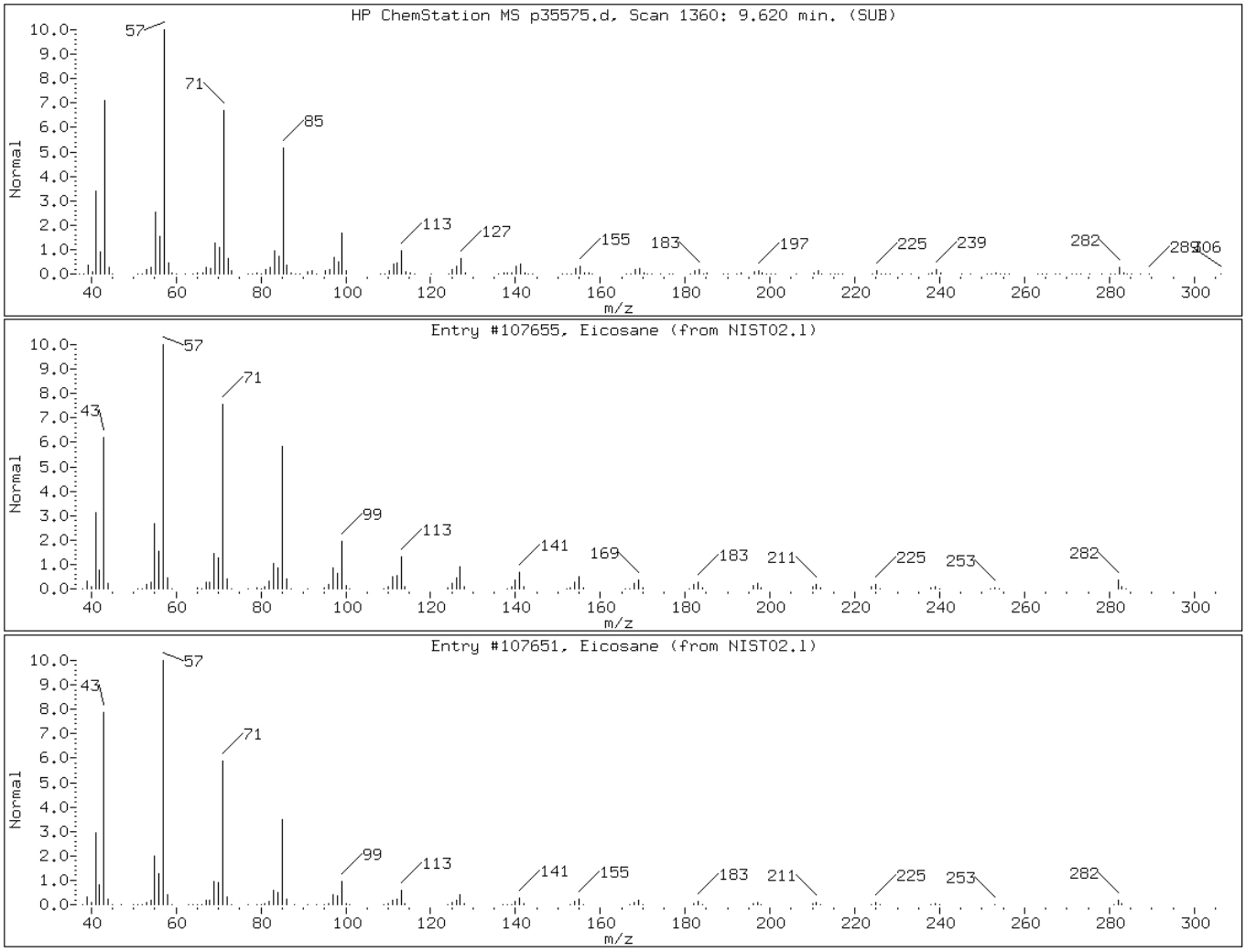
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 9.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Eicosane	112-95-8	NIST02.l	107655	99	C20H42	282
Eicosane	112-95-8	NIST02.l	107651	97	C20H42	282



Data File: p35575.d

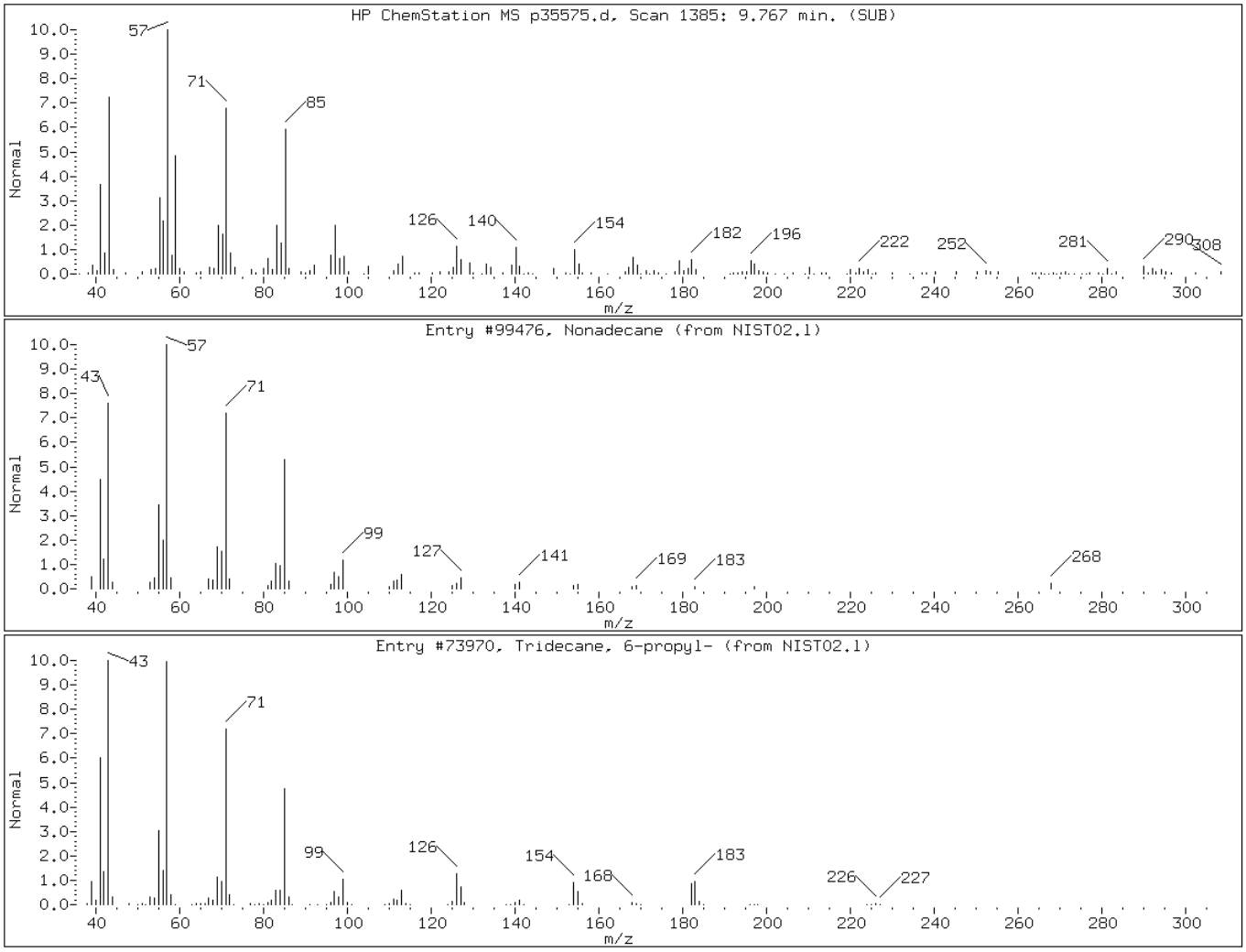
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 9.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Nonadecane	629-92-5	NIST02.l	99476	43	C19H40	268
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	42	C16H34	226



Data File: p35575.d

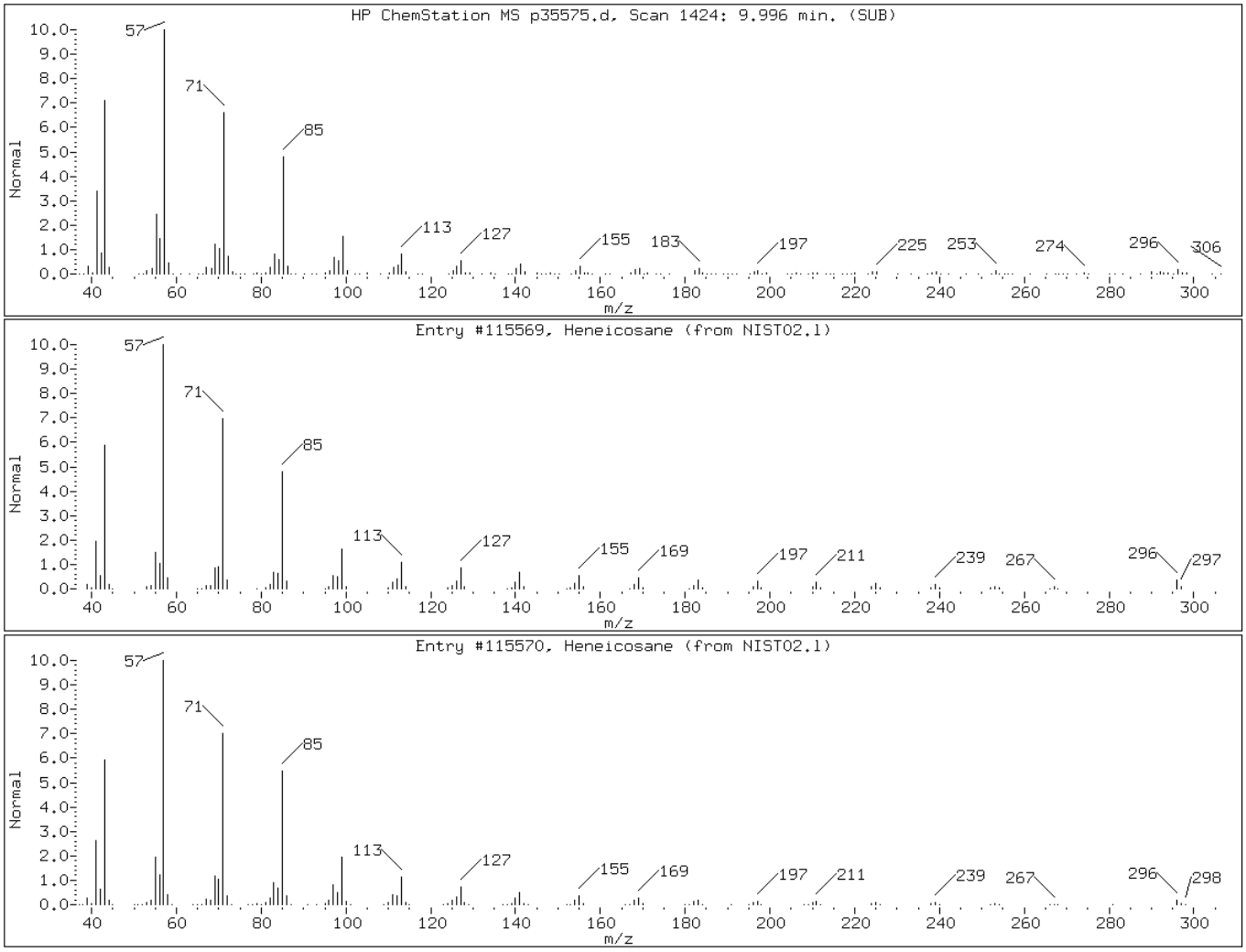
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 10.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Heneicosane	629-94-7	NIST02.l	115569	96	C21H44	296
Heneicosane	629-94-7	NIST02.l	115570	96	C21H44	296



Data File: p35575.d

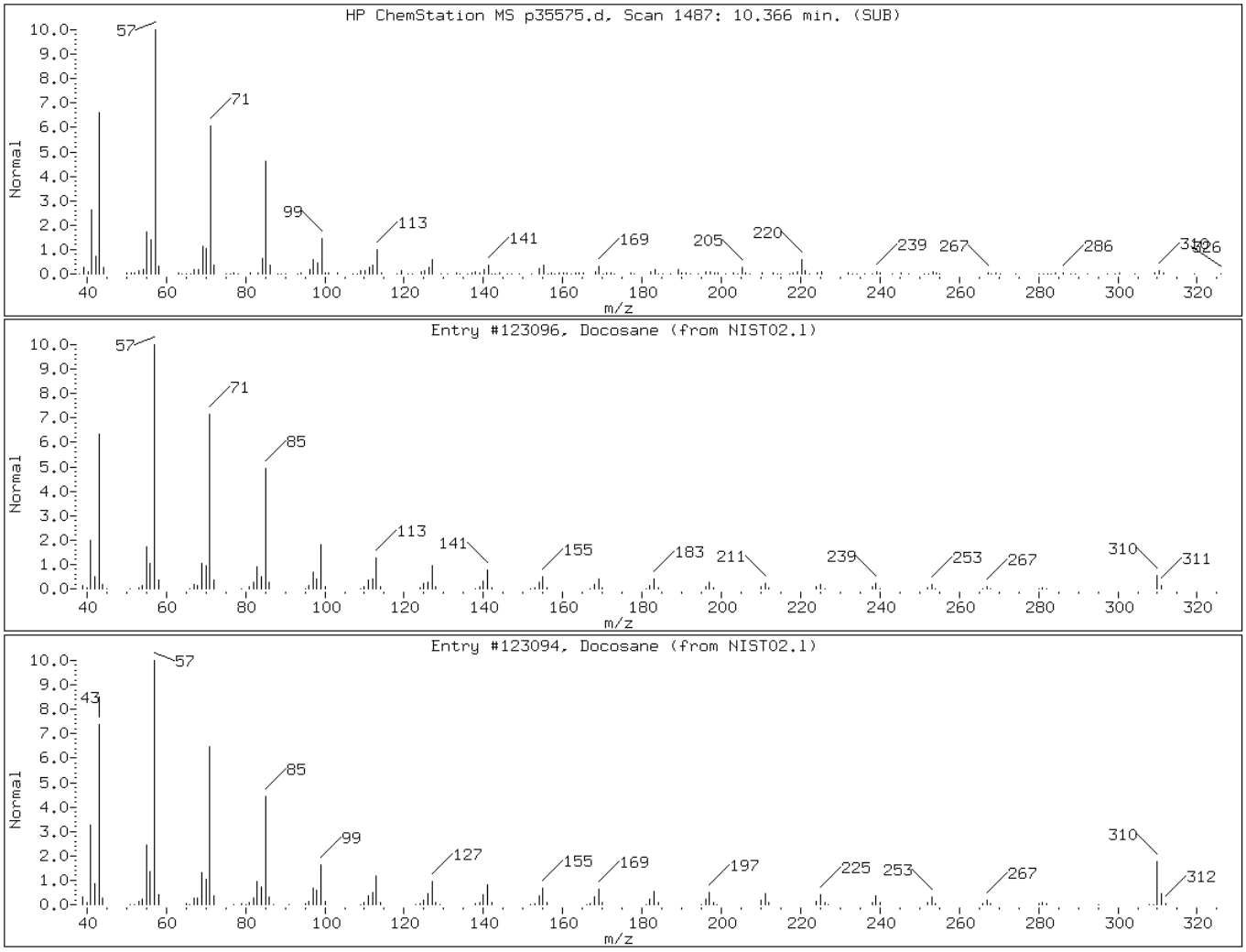
Date: 20-MAR-2013 11:32

Client ID: PMP-28-NE-WT Instrument: BNAMS10.i

Sample Info: 460-52450-F-42-C Operator: BNAMS 4

Retention Time: 10.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Docosane	629-97-0	NIST02.l	123096	96	C22H46	310
Docosane	629-97-0	NIST02.l	123094	95	C22H46	310



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI | Lab Sample ID: 460-52450-43

Matrix: Solid | Lab File ID: p35538.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 19:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.3	U	38	4.3
95-50-1	1,2-Dichlorobenzene	44	U	380	44
541-73-1	1,3-Dichlorobenzene	34	U	380	34
106-46-7	1,4-Dichlorobenzene	43	U	380	43
121-14-2	2,4-Dinitrotoluene	12	U	77	12
606-20-2	2,6-Dinitrotoluene	11	U	77	11
91-58-7	2-Chloronaphthalene	42	U	380	42
91-57-6	2-Methylnaphthalene	49	U	380	49
88-74-4	2-Nitroaniline	160	U	770	160
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
99-09-2	3-Nitroaniline	130	U	770	130
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
106-47-8	4-Chloroaniline	100	U	380	100
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	770	120
83-32-9	Acenaphthene	55	U	380	55
208-96-8	Acenaphthylene	45	U	380	45
120-12-7	Anthracene	46	U	380	46
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
108-60-1	bis (2-chloroisopropyl) ether	42	U	380	42
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
85-68-7	Butyl benzyl phthalate	35	U	380	35
86-74-8	Carbazole	45	U	380	45
218-01-9	Chrysene	44	U	380	44
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
131-11-3	Dimethyl phthalate	45	U	380	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI | Lab Sample ID: 460-52450-43

Matrix: Solid | Lab File ID: p35538.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 19:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	47	U	380	47
117-84-0	Di-n-octyl phthalate	24	U	380	24
206-44-0	Fluoranthene	51	U	380	51
86-73-7	Fluorene	48	U	380	48
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
87-68-3	Hexachlorobutadiene	9.2	U	77	9.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
67-72-1	Hexachloroethane	4.2	U	38	4.2
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
78-59-1	Isophorone	46	U	380	46
91-20-3	Naphthalene	44	U	380	44
98-95-3	Nitrobenzene	5.4	U	38	5.4
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-01-8	Phenanthrene	48	U	380	48
129-00-0	Pyrene	32	U	380	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	78		40-109
4165-60-0	Nitrobenzene-d5	78		38-105
1718-51-0	Terphenyl-d14	67		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI | Lab Sample ID: 460-52450-43

Matrix: Solid | Lab File ID: p35538.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:45

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 19:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152275 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35538.d
Report Date: 20-Mar-2013 05:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35538.d
Lab Smp Id: 460-52450-F-43-C Client Smp ID: PMP-28-NE-SI
Inj Date : 19-MAR-2013 19:16
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-43-C
Misc Info : 460-52450-F-43-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 15
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	15.04000	Weight of sample extracted (g)
M	12.95938	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.151	3.110	(0.716)	1726841	67.5851	5200
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	1945407	66.4247	5100
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	753613	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	944012	38.7710	3000
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2291300	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.764	6.770	(0.909)	1411791	38.7673	3000
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1073615	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.216	8.221	(1.104)	279265	62.5674	4800
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1127400	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	676127	33.5021	2600
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	637435	40.0000	
* 84 Perylene-d12	264	13.633	13.633	(1.000)	586613	40.0000	

Data File: p35538.d

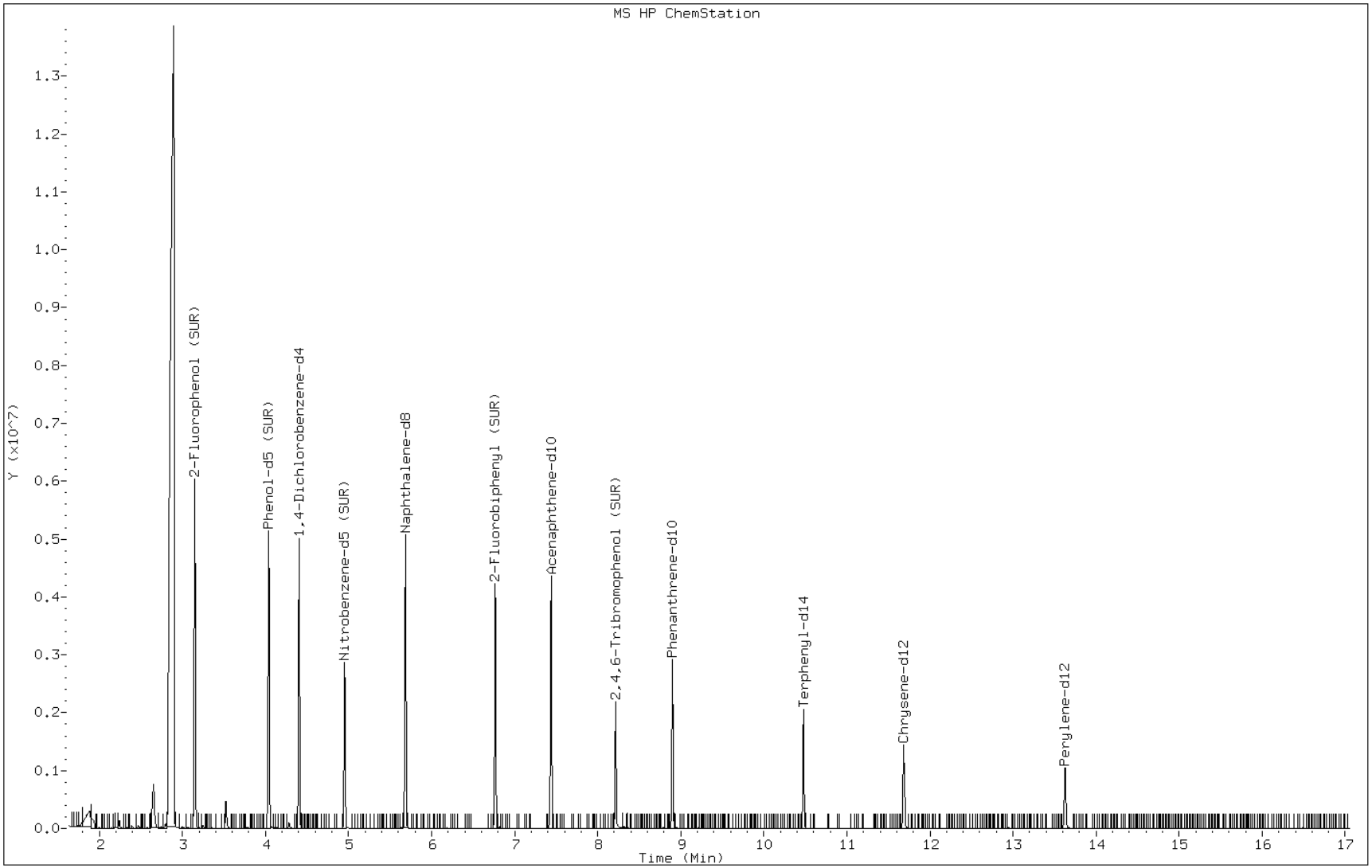
Date: 19-MAR-2013 19:16

Client ID: PMP-28-NE-SI

Instrument: BNAMS10.i

Sample Info: 460-52450-F-43-C

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD | Lab Sample ID: 460-52450-44

Matrix: Solid | Lab File ID: p35539.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 19:41

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.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.3	U	38	4.3
95-50-1	1,2-Dichlorobenzene	44	U	380	44
541-73-1	1,3-Dichlorobenzene	34	U	380	34
106-46-7	1,4-Dichlorobenzene	42	U	380	42
121-14-2	2,4-Dinitrotoluene	12	U	76	12
606-20-2	2,6-Dinitrotoluene	11	U	76	11
91-58-7	2-Chloronaphthalene	42	U	380	42
91-57-6	2-Methylnaphthalene	48	U	380	48
88-74-4	2-Nitroaniline	160	U	760	160
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
99-09-2	3-Nitroaniline	130	U	760	130
101-55-3	4-Bromophenyl phenyl ether	37	U	380	37
106-47-8	4-Chloroaniline	100	U	380	100
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	760	120
83-32-9	Acenaphthene	55	U	380	55
208-96-8	Acenaphthylene	44	U	380	44
120-12-7	Anthracene	46	U	380	46
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
108-60-1	bis (2-chloroisopropyl) ether	42	U	380	42
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
111-44-4	Bis(2-chloroethyl)ether	5.1	U	38	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
85-68-7	Butyl benzyl phthalate	34	U	380	34
86-74-8	Carbazole	44	U	380	44
218-01-9	Chrysene	44	U	380	44
53-70-3	Dibenz(a,h)anthracene	4.7	U	38	4.7
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
131-11-3	Dimethyl phthalate	45	U	380	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD | Lab Sample ID: 460-52450-44

Matrix: Solid | Lab File ID: p35539.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 19:41

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.: 152275 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	46	U	380	46
117-84-0	Di-n-octyl phthalate	24	U	380	24
206-44-0	Fluoranthene	50	U	380	50
86-73-7	Fluorene	48	U	380	48
118-74-1	Hexachlorobenzene	5.1	U	38	5.1
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
67-72-1	Hexachloroethane	4.2	U	38	4.2
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
78-59-1	Isophorone	46	U	380	46
91-20-3	Naphthalene	44	U	380	44
98-95-3	Nitrobenzene	5.3	U	38	5.3
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-01-8	Phenanthrene	48	U	380	48
129-00-0	Pyrene	32	U	380	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	70		40-109
4165-60-0	Nitrobenzene-d5	70		38-105
1718-51-0	Terphenyl-d14	65		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD | Lab Sample ID: 460-52450-44

Matrix: Solid | Lab File ID: p35539.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:50

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 19:41

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.: 152275 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35539.d
Report Date: 20-Mar-2013 05:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35539.d
Lab Smp Id: 460-52450-F-44-C Client Smp ID: PMP-28-NE-SD
Inj Date : 19-MAR-2013 19:41
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-52450-F-44-C
Misc Info : 460-52450-F-44-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/8270C_11.m
Meth Date : 19-Mar-2013 14:59 ranav Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 16
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	12.10938	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.145	3.110	(0.714)	1708345	63.2831	4800
$ 17 Phenol-d5 (SUR)	99	4.038	4.044	(0.917)	1917631	61.9723	4700
* 79 1,4-Dichlorobenzene-d4	152	4.402	4.402	(1.000)	796225	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.955	4.966	(0.872)	905052	35.0461	2600
* 80 Naphthalene-d8	136	5.683	5.689	(1.000)	2430217	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.764	6.770	(0.909)	1426055	34.8762	2600
* 82 Acenaphthene-d10	164	7.440	7.440	(1.000)	1205455	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.216	8.221	(1.104)	292242	58.3138	4400
115 n-Octadecane	57	8.786	8.791	(0.987)	5694	0.25397	19(a)
* 83 Phenanthrene-d10	188	8.903	8.903	(1.000)	1370476	40.0000	
$ 78 Terphenyl-d14	244	10.478	10.478	(0.896)	696431	32.7302	2500
* 81 Chrysene-d12	240	11.688	11.694	(1.000)	672061	40.0000	
* 84 Perylene-d12	264	13.627	13.633	(1.000)	572416	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35539.d
Report Date: 20-Mar-2013 05:20

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p35539.d

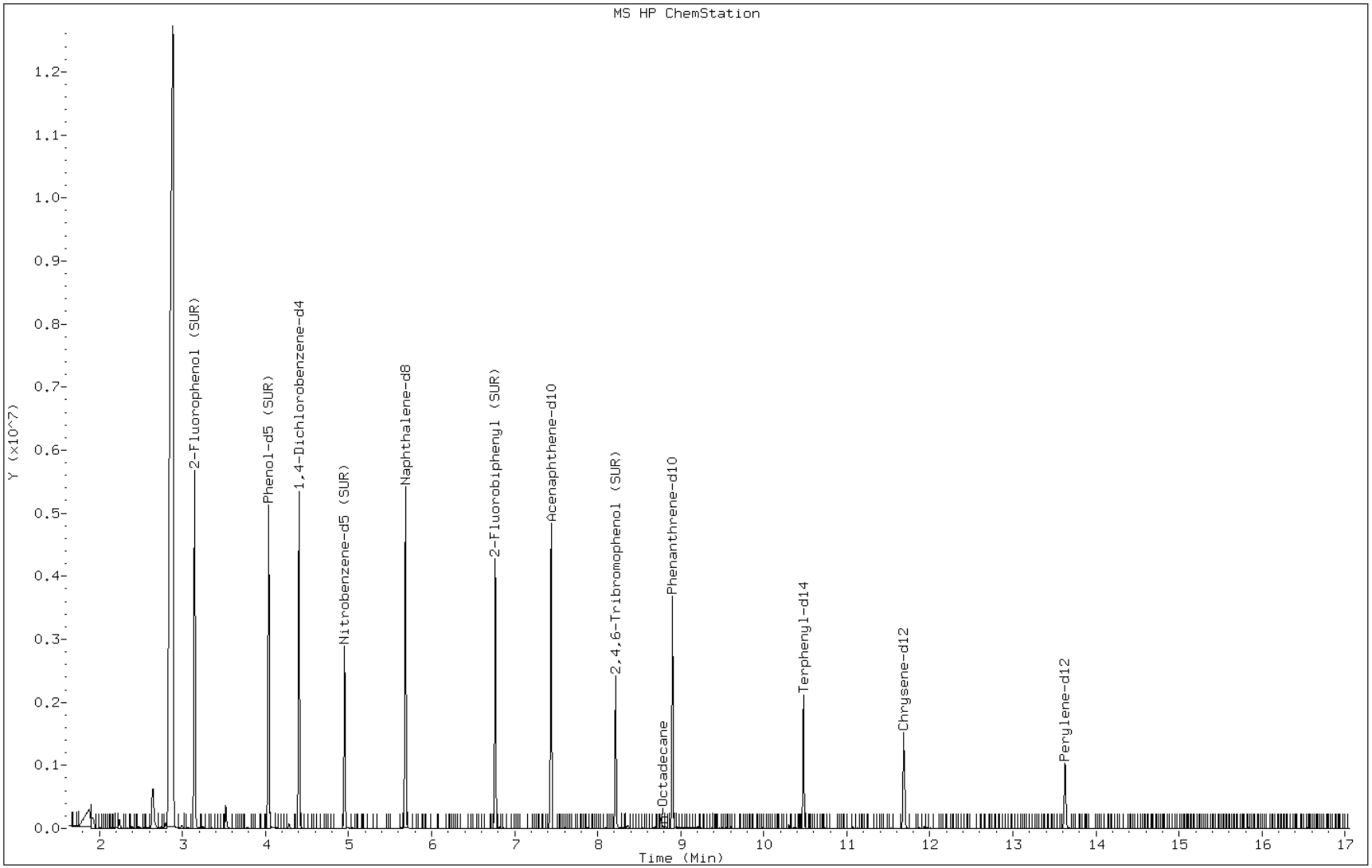
Date: 19-MAR-2013 19:41

Client ID: PMP-28-NE-SD

Instrument: BNAMS10.i

Sample Info: 460-52450-F-44-C

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 | Lab Sample ID: 460-52450-45

Matrix: Water | Lab File ID: z20083.d

Analysis Method: 8270C | Date Collected: 03/15/2013 07:30

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 980(mL) | Date Analyzed: 03/23/2013 23:39

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.: 152529 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
95-50-1	1,2-Dichlorobenzene	2.6	U	10	2.6
541-73-1	1,3-Dichlorobenzene	2.4	U	10	2.4
106-46-7	1,4-Dichlorobenzene	2.6	U	10	2.6
121-14-2	2,4-Dinitrotoluene	0.48	U	2.0	0.48
606-20-2	2,6-Dinitrotoluene	0.62	U	2.0	0.62
91-58-7	2-Chloronaphthalene	2.8	U	10	2.8
91-57-6	2-Methylnaphthalene	3.1	U	10	3.1
88-74-4	2-Nitroaniline	5.0	U	20	5.0
91-94-1	3,3'-Dichlorobenzidine	5.0	U	20	5.0
99-09-2	3-Nitroaniline	5.1	U	20	5.1
101-55-3	4-Bromophenyl phenyl ether	2.6	U	10	2.6
106-47-8	4-Chloroaniline	2.0	U	10	2.0
7005-72-3	4-Chlorophenyl phenyl ether	2.6	U	10	2.6
100-01-6	4-Nitroaniline	5.9	U	20	5.9
83-32-9	Acenaphthene	2.8	U	10	2.8
208-96-8	Acenaphthylene	2.8	U	10	2.8
120-12-7	Anthracene	2.9	U	10	2.9
56-55-3	Benzo[a]anthracene	0.28	U	1.0	0.28
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
205-99-2	Benzo[b]fluoranthene	0.27	U	1.0	0.27
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
207-08-9	Benzo[k]fluoranthene	0.27	U	1.0	0.27
108-60-1	bis (2-chloroisopropyl) ether	2.0	U	10	2.0
111-91-1	Bis(2-chloroethoxy)methane	2.7	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	0.29	U	1.0	0.29
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
85-68-7	Butyl benzyl phthalate	2.6	U	10	2.6
86-74-8	Carbazole	3.3	U	10	3.3
218-01-9	Chrysene	3.2	U	10	3.2
53-70-3	Dibenz(a,h)anthracene	0.092	U	1.0	0.092
132-64-9	Dibenzofuran	2.9	U	10	2.9
84-66-2	Diethyl phthalate	3.0	U	10	3.0
131-11-3	Dimethyl phthalate	2.9	U	10	2.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 | Lab Sample ID: 460-52450-45

Matrix: Water | Lab File ID: z20083.d

Analysis Method: 8270C | Date Collected: 03/15/2013 07:30

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 980(mL) | Date Analyzed: 03/23/2013 23:39

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.: 152529 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	3.0	U	10	3.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
206-44-0	Fluoranthene	3.3	U	10	3.3
86-73-7	Fluorene	2.9	U	10	2.9
118-74-1	Hexachlorobenzene	0.30	U	1.0	0.30
87-68-3	Hexachlorobutadiene	0.58	U	2.0	0.58
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
67-72-1	Hexachloroethane	0.26	U	1.0	0.26
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
78-59-1	Isophorone	2.8	U	10	2.8
91-20-3	Naphthalene	2.8	U	10	2.8
98-95-3	Nitrobenzene	0.31	U	1.0	0.31
621-64-7	N-Nitrosodi-n-propylamine	0.26	U	1.0	0.26
86-30-6	N-Nitrosodiphenylamine	3.0	U	10	3.0
85-01-8	Phenanthrene	3.2	U	10	3.2
129-00-0	Pyrene	3.0	U	10	3.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	93		53-108
4165-60-0	Nitrobenzene-d5	99		56-112
1718-51-0	Terphenyl-d14	97		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 | Lab Sample ID: 460-52450-45

Matrix: Water | Lab File ID: z20083.d

Analysis Method: 8270C | Date Collected: 03/15/2013 07:30

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 980(mL) | Date Analyzed: 03/23/2013 23:39

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.: 152529 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 25

CAS NO.	COMPOUND NAME	RT	RESULT	Q
640-61-9	Benzenesulfonamide, N,4-dimethyl-	8.12	25	J N

Data File: /chem/BNAMS11.i/8270/03-23-13a/23mar13a.b/z20083.d
Report Date: 24-Mar-2013 14:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-23-13a/23mar13a.b/z20083.d
Lab Smp Id: 460-52450-F-45-A Client Smp ID: FB_031513
Inj Date : 23-MAR-2013 23:39
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-52450-F-45-A
Misc Info : 460-52450-F-45-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-23-13a/23mar13a.b/8270C_11.m
Meth Date : 23-Mar-2013 21:49 asfawa Quant Type: ISTD
Cal Date : 23-MAR-2013 19:57 Cal File: z20075.d
Als bottle: 7
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	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

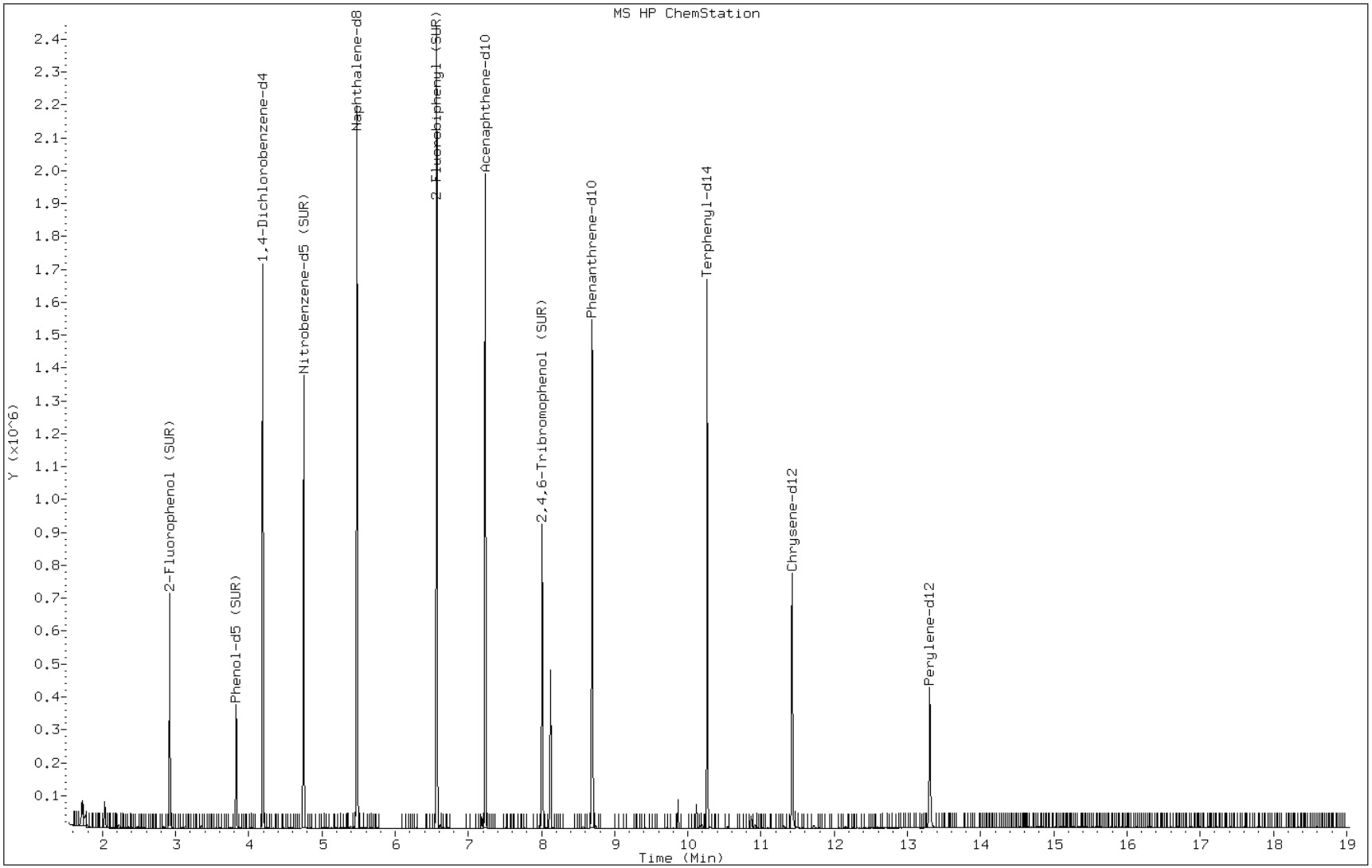
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.919	2.919	(0.697)	158656	19.9280	41
$ 17 Phenol-d5 (SUR)	99	3.825	3.849	(0.913)	108124	11.8389	24
* 79 1,4-Dichlorobenzene-d4	152	4.190	4.196	(1.000)	224417	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.748	4.760	(0.867)	441645	49.3764	100
* 80 Naphthalene-d8	136	5.478	5.484	(1.000)	860858	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.566	6.572	(0.908)	688516	46.3376	94
* 82 Acenaphthene-d10	164	7.231	7.237	(1.000)	416567	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.007	8.013	(1.107)	93744	50.1338	100
* 83 Phenanthrene-d10	188	8.689	8.695	(1.000)	528217	40.0000	
$ 78 Terphenyl-d14	244	10.266	10.266	(0.899)	471096	48.4177	99
* 81 Chrysene-d12	240	11.425	11.430	(1.000)	317418	40.0000	
* 84 Perylene-d12	264	13.307	13.313	(1.000)	221484	40.0000	

Data File: z20083.d

Date: 23-MAR-2013 23:39

Client ID: FB_031513 Instrument: BNAMS11.i

Sample Info: 460-52450-F-45-A Operator: BNAMS 4



Data File: z20083.d

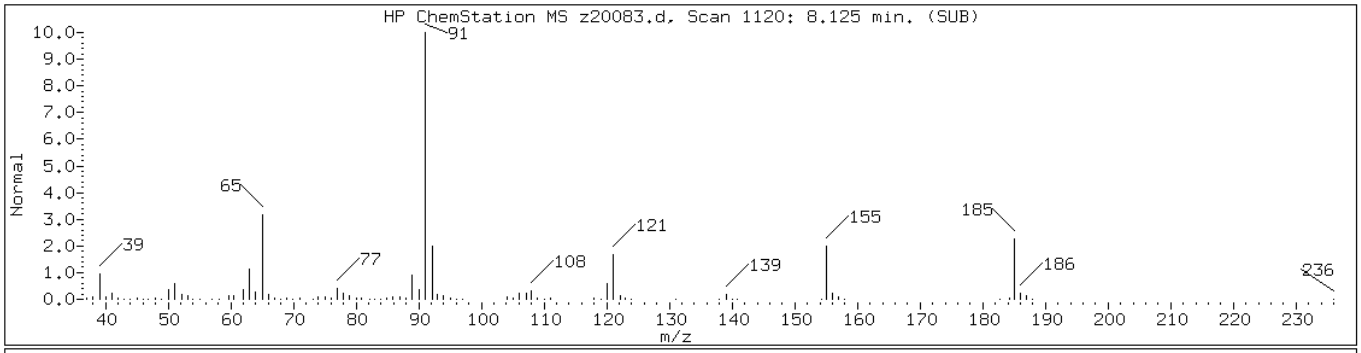
Date: 23-MAR-2013 23:39

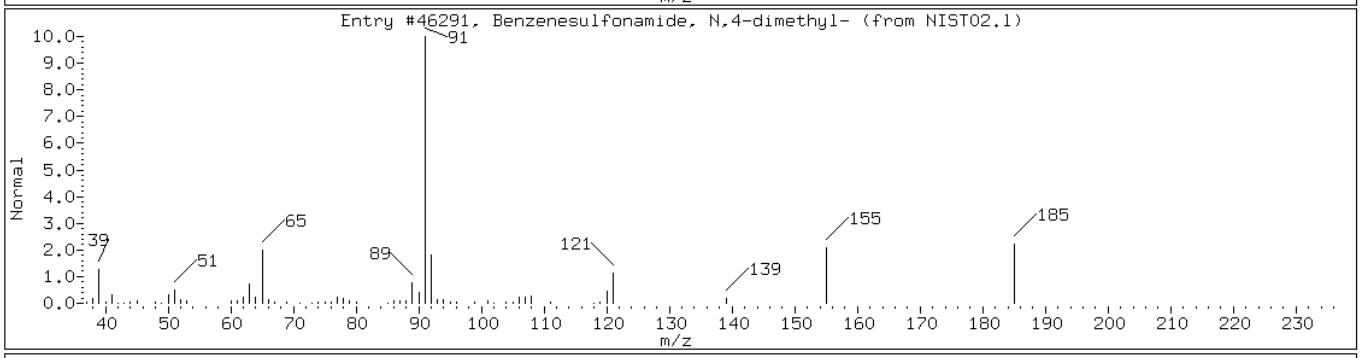
Client ID: FB_031513 Instrument: BNAMS11.i

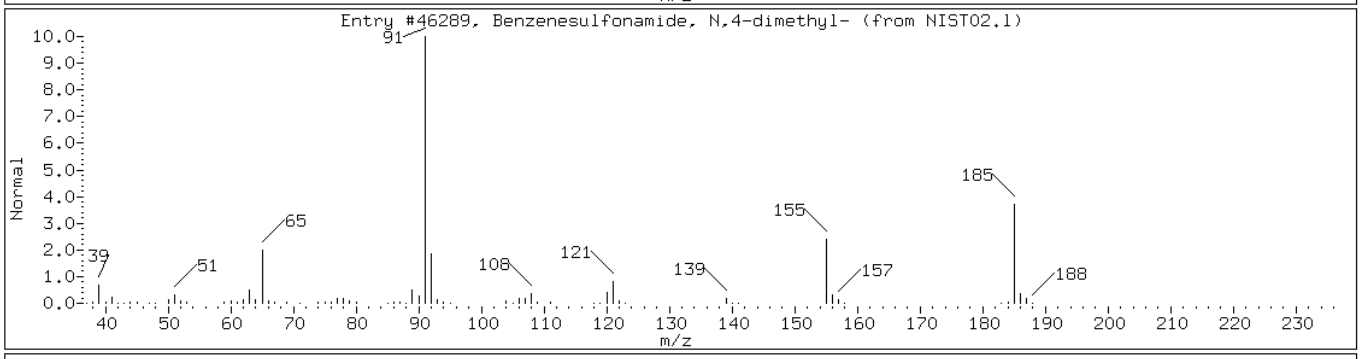
Sample Info: 460-52450-F-45-A Operator: BNAMS 4

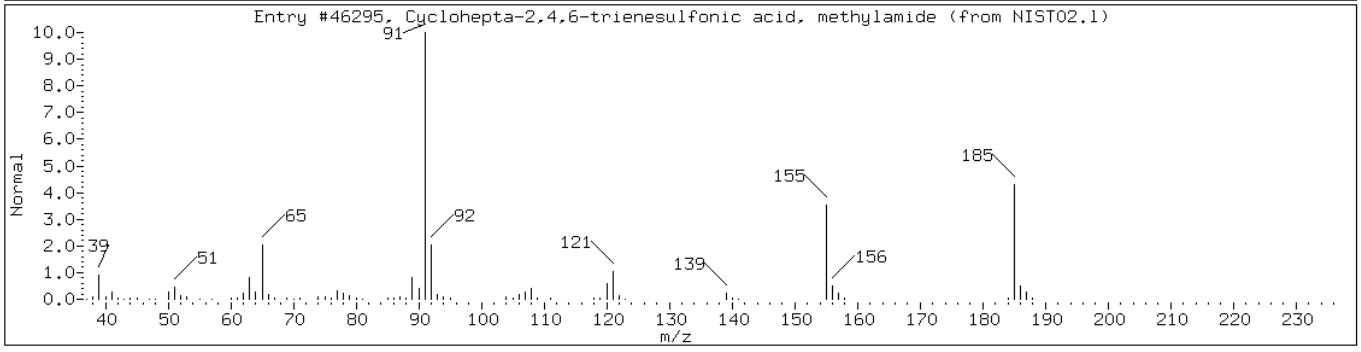
Retention Time: 8.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzenesulfonamide, N,4-dimethyl-	640-61-9	NIST02.l	46291	94	C8H11NO2S	185
Benzenesulfonamide, N,4-dimethyl-	640-61-9	NIST02.l	46289	87	C8H11NO2S	185
Cyclohepta-2,4,6-trienesulfonic ac	1000187-28-7	NIST02.l	46295	52	C8H11NO2S	185









FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151579/7	p35469.d
Level 2	IC 460-151579/6	p35468.d
Level 3	IC 460-151579/5	p35467.d
Level 4	ICIS 460-151579/2	p35464.d
Level 5	IC 460-151579/4	p35466.d
Level 6	IC 460-151579/3	p35465.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								15.0			
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	0.4929 0.5233	0.4849	0.4819	0.5097	0.4866	Ave		0.4965				3.3		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1519	+++++	Ave		0.1519						15.0			
N-Nitrosodimethylamine	0.7727 0.7786	0.7479	0.7435	0.7719	0.7555	Ave		0.7617				1.9		15.0			
Pyridine	1.3569 1.3463	1.3443	1.2909	1.2926	1.2567	Ave		1.3146				3.1		15.0			
Benzaldehyde	1.0144 0.0631	0.7084	0.5220	0.2236	0.1374	Ave		0.4448				83.4	*	15.0			
Phenol	1.8387 1.6279	1.8020	1.9345	1.6475	1.4676	Ave		1.7197				9.9		15.0			
Aniline	2.1147 1.4683	1.9577	2.0157	1.8687	1.6939	Ave		1.8532				12.8		15.0			
Bis(2-chloroethyl)ether	1.3534 1.6806	1.3846	1.4078	1.3289	1.3967	Ave		1.4253				9.0		15.0			
2-Chlorophenol	1.4709 1.2153	1.4462	1.4776	1.2779	1.1730	Ave		1.3435				10.2		15.0			
Decane	1.7217 1.3230	1.6643	1.6342	1.5332	1.3495	Ave		1.5377				10.9		15.0			
1,3-Dichlorobenzene	1.7378 1.4259	1.6940	1.6553	1.5423	1.4088	Ave		1.5773				8.9		15.0			
1,4-Dichlorobenzene	1.7127 1.3758	1.6404	1.6563	1.5096	1.3741	Ave		1.5448				9.5		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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	0.8590 0.7921	0.8561	0.8564	0.8486	0.8306	Ave		0.8405				3.1		15.0			
1,2-Dichlorobenzene	1.5930 1.2915	1.5748	1.5356	1.4316	1.3198	Ave		1.4577				9.0		15.0			
2-Methylphenol	1.3054 1.0653	1.2250	1.2673	1.1174	1.0273	Ave		1.1679				9.8		15.0			
bis (2-chloroisopropyl) ether	1.9475 1.5576	1.9197	1.8793	1.7526	1.6088	Ave		1.7776				9.3		15.0			
Acetophenone	1.7231 1.3438	1.6979	1.6811	1.4928	1.3550	Ave		1.5490				11.3		15.0			
3 & 4 Methylphenol	1.4551 1.1262	1.3492	1.3812	1.1879	1.0920	Ave		1.2652				11.8		15.0			
4-Methylphenol	1.4304 1.1258	1.3492	1.3806	1.1879	1.0900	Ave		1.2606				11.4		15.0			
N-Nitrosodi-n-propylamine	0.8823 0.7742	0.8621	0.8471	0.8116	0.8023	Ave		0.8300			0.0500	4.9		15.0			
Hexachloroethane	0.6374 0.5460	0.5997	0.6002	0.5781	0.5592	Ave		0.5868				5.6		15.0			
Nitrobenzene	0.6256 0.4696	0.6096	0.5976	0.5265	0.5049	Ave		0.5556				11.5		15.0			
n,n'-Dimethylaniline	1.9369 1.5021	1.9595	1.9196	1.7146	1.5753	Ave		1.7680				11.3		15.0			
Isophorone	0.7325 0.6010	0.7042	0.6885	0.6236	0.6252	Ave		0.6625				8.0		15.0			
2-Nitrophenol	0.2280 0.2158	0.2291	0.2406	0.2185	0.2089	Ave		0.2235				5.1		15.0			
2,4-Dimethylphenol	0.4092 0.3070	0.3885	0.3857	0.3307	0.3082	Ave		0.3549				12.7		15.0			
Bis(2-chloroethoxy)methane	0.4785 0.3899	0.4624	0.4589	0.4270	0.4099	Ave		0.4378				7.8		15.0			
Benzoic acid	0.0642 0.1831	0.1025	0.1465	0.1749	0.1627	QuaF		6.6247	-2.089						0.9970		0.9900
2,4-Dichlorophenol	0.3394 0.2635	0.3340	0.3441	0.2896	0.2660	Ave		0.3061				12.2		15.0			
1,2,4-Trichlorobenzene	0.4422 0.3226	0.3936	0.3928	0.3532	0.3384	Ave		0.3738				11.8		15.0			
Naphthalene	1.2884 0.7755	1.2297	1.1708	0.9820	0.8268	QuaF		0.7797	0.2251						0.9980		0.9900
4-Chloroaniline	0.4517 0.3430	0.4432	0.4276	0.3864	0.3652	Ave		0.4028				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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	0.2369 0.1797	0.2200	0.2103	0.1944	0.1856	Ave		0.2045				10.7		15.0			
Caprolactam	0.0769 0.0859	0.0769	0.0792	0.0886	0.0785	Ave		0.0810				6.1		15.0			
4-Chloro-3-methylphenol	0.3190 0.2554	0.3030	0.3071	0.2701	0.2495	Ave		0.2840				10.4		15.0			
2-Methylnaphthalene	0.7639 0.5808	0.7588	0.7478	0.6728	0.6037	Ave		0.6880				11.8		15.0			
1-Methylnaphthalene	0.8090 0.5844	0.7670	0.7418	0.6769	0.5868	Ave		0.6943				13.6		15.0			
Hexachlorocyclopentadiene	0.3420 0.3605	0.3116	0.3458	0.3423	0.3658	Ave		0.3447			0.0500	5.5		15.0			
1,2,4,5-Tetrachlorobenzene	0.6461 0.5640	0.6332	0.6498	0.5680	0.5328	Ave		0.5990				8.4		15.0			
2-tertbutyl-4-methylphenol	0.5409 0.3974	0.5110	0.4989	0.4476	0.3994	Ave		0.4659				12.9		15.0			
2,4,6-Trichlorophenol	0.3748 0.4067	0.3737	0.3959	0.3572	0.3428	Ave		0.3752				6.3		15.0			
2,4,5-Trichlorophenol	0.3880 0.3464	0.3926	0.3908	0.3603	0.3558	Ave		0.3723				5.5		15.0			
Diphenyl	1.7433 1.2591	1.7646	1.6914	1.4505	1.2943	Ave		1.5339				14.9		15.0			
2-Chloronaphthalene	1.2740 1.0478	1.2638	1.2397	1.1349	1.0888	Ave		1.1748				8.3		15.0			
Diphenyl ether	0.8986 0.8113	0.9302	0.9201	0.8478	0.8344	Ave		0.8737				5.6		15.0			
2-Nitroaniline	0.3773 0.3770	0.3716	0.3986	0.3255	0.3867	Ave		0.3728				6.7		15.0			
Dimethylnaphthalene, total	1.1403 0.9487	1.0943	1.1033	1.0220	0.9403	Ave		1.0415				8.1		15.0			
Dimethyl phthalate	1.1437 0.9843	1.1297	1.0903	1.0479	1.0089	Ave		1.0675				6.1		15.0			
Coumarin	0.1967 0.1795	0.1892	0.1961	0.1983	0.1783	Ave		0.1897				4.7		15.0			
2,6-Dinitrotoluene	0.2779 0.2647	0.2642	0.2690	0.2697	0.2704	Ave		0.2693				1.8		15.0			
Acenaphthylene	2.0318 1.4195	1.9142	1.8374	1.6392	1.4679	Ave		1.7183				14.5		15.0			
3-Nitroaniline	0.2740 0.2502	0.2779	0.2690	0.2691	0.2530	Ave		0.2655				4.3		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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	1.0652 0.8580	1.0631	1.0592	0.9465	0.8596	Ave		0.9753				10.3		15.0			
Acenaphthene	1.2057 0.9763	1.1816	1.1485	1.0576	1.0206	Ave		1.0984				8.5		15.0			
2,4-Dinitrophenol	0.0487 0.1257	0.0559	0.0690	0.0995	0.1083	QuaF		12.017	-11.00		0.0500				0.9925		0.9900
4-Nitrophenol	0.1609 0.1814	0.1561	0.1641	0.1710	0.1764	Ave		0.1683			0.0500	5.7		15.0			
2,4-Dinitrotoluene	0.3286 0.3038	0.3049	0.3098	0.3204	0.3090	Ave		0.3128				3.1		15.0			
Dibenzofuran	1.6383 1.2419	1.5893	1.5521	1.3955	1.2966	Ave		1.4523				11.3		15.0			
2,3,4,6-Tetrachlorophenol	0.2300 0.2485	0.2373	0.2395	0.2605	0.2456	Ave		0.2436				4.3		15.0			
Diethyl phthalate	1.0723 0.9182	1.0263	1.0045	0.9944	0.9339	Ave		0.9916				5.8		15.0			
4-Chlorophenyl phenyl ether	0.5997 0.5077	0.5755	0.5706	0.5391	0.5110	Ave		0.5506				6.8		15.0			
Fluorene	1.2731 0.9962	1.2420	1.2027	1.1176	1.0266	Ave		1.1430				10.1		15.0			
4-Nitroaniline	0.2410 0.2218	0.2424	0.2372	0.2300	0.2220	Ave		0.2324				4.0		15.0			
4,6-Dinitro-2-methylphenol	0.0908 0.1387	0.0908	0.1042	0.1202	0.1321	QuaF		9.1887	-4.942						0.9972		0.9900
N-Nitrosodiphenylamine	0.6982 0.6051	0.6977	0.6654	0.6087	0.6085	Ave		0.6473				7.0		15.0			
1,2-Diphenylhydrazine	1.0015 1.0174	1.1958	1.1945	1.0376	0.9896	Ave		1.0727				9.0		15.0			
4-Bromophenyl phenyl ether	0.2665 0.2564	0.2683	0.2683	0.2564	0.2598	Ave		0.2626				2.2		15.0			
Hexachlorobenzene	0.2884 0.2594	0.2875	0.2826	0.2590	0.2615	Ave		0.2731				5.3		15.0			
Atrazine	0.2122 0.1735	0.2065	0.1965	0.1982	0.1850	Ave		0.1953				7.2		15.0			
Pentachlorophenol	0.0890 0.1501	0.0970	0.1149	0.1314	0.1400	QuaF		8.5592	-4.329						0.9975		0.9900
Pentachloronitrobenzene	0.0923 0.0848	0.0910	0.0890	0.0833	0.0869	Ave		0.0879				4.0		15.0			
n-Octadecane	0.6760 0.6045	0.6913	0.7015	0.6400	0.6130	Ave		0.6544				6.3		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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	1.2309 0.9314	1.1803	1.1614	1.0516	0.9860	Ave		1.0903				10.9		15.0			
Anthracene	1.2356 0.9416	1.2433	1.1727	1.0882	0.9897	Ave		1.1119				11.4		15.0			
Carbazole	0.9985 0.7598	0.9674	0.9438	0.8660	0.8058	Ave		0.8902				10.7		15.0			
Di-n-butyl phthalate	1.2342 0.9061	1.1953	1.1528	1.0754	0.9691	Ave		1.0888				11.9		15.0			
Fluoranthene	1.0140 0.7512	0.9561	0.9435	0.8657	0.7859	Ave		0.8861				11.6		15.0			
Benzidine	0.2527 0.0132	0.2731	0.1636	0.0303	0.0180	Ave		0.1252				96.3	*	15.0			
Pyrene	1.8428 1.7304	1.8544	1.8778	1.8445	1.7618	Ave		1.8186				3.2		15.0			
Butyl benzyl phthalate	0.7116 0.7358	0.7044	0.7217	0.7373	0.7606	Ave		0.7286				2.8		15.0			
Carbamazepine	0.2199 0.5153	0.2729	0.3751	0.4258	0.4777	QuaF		2.5133	-0.378						0.9991		0.9900
3,3'-Dichlorobenzidine	0.3734 0.3094	0.3994	0.3918	0.3373	0.3393	Ave		0.3584				9.8		15.0			
Benzo[a]anthracene	1.4595 1.1722	1.2333	1.1858	1.2072	1.1901	Ave		1.2413				8.8		15.0			
Bis(2-ethylhexyl) phthalate	0.9049 0.9162	0.8998	0.9225	0.9157	0.9467	Ave		0.9176				1.8		15.0			
Chrysene	1.1249 1.0528	1.0950	1.1319	1.0958	1.1015	Ave		1.1003				2.5		15.0			
Di-n-octyl phthalate	1.5814 1.5990	1.6988	1.7450	1.7856	1.6800	Ave		1.6816				4.8		15.0			
Benzo[b]fluoranthene	1.3716 1.2271	1.2016	1.2560	1.2166	1.2043	Ave		1.2462				5.2		15.0			
Benzo[k]fluoranthene	1.2851 1.1471	1.2814	1.2724	1.3114	1.2076	Ave		1.2508				4.9		15.0			
Benzo[a]pyrene	1.0039 0.9858	0.9703	1.0211	1.0109	0.9928	Ave		0.9975				1.8		15.0			
Indeno[1,2,3-cd]pyrene	1.1330 1.1213	0.9696	0.9644	1.0041	1.0713	Ave		1.0439				7.2		15.0			
Dibenz(a,h)anthracene	1.3300 1.0312	0.8844	0.9211	0.9425	0.9847	QuaF		1.1085	-0.045						1.0000		0.9900
Benzo[g,h,i]perylene	0.9381 1.1102	0.9452	1.0095	0.9709	1.0750	Ave		1.0081				7.0		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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	1.4782 1.2837	1.4457	1.4643	1.2846	1.1804	Ave		1.3562				9.1		15.0			
Phenol-d5	1.7143 1.4164	1.6728	1.6709	1.4840	1.3686	Ave		1.5545				9.6		15.0			
Nitrobenzene-d5	0.4608 0.3900	0.4510	0.4560	0.4066	0.3860	Ave		0.4251				8.2		15.0			
2-Fluorobiphenyl	1.4850 1.2136	1.4749	1.4746	1.3106	1.1821	Ave		1.3568				10.3		15.0			
2,4,6-Tribromophenol	0.1618 0.1706	0.1657	0.1688	0.1704	0.1605	Ave		0.1663				2.6		15.0			
Terphenyl-d14	1.2513 1.2470	1.2676	1.3050	1.3152	1.2125	Ave		1.2664				3.0		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151579/7	p35469.d
Level 2	IC 460-151579/6	p35468.d
Level 3	IC 460-151579/5	p35467.d
Level 4	ICIS 460-151579/2	p35464.d
Level 5	IC 460-151579/4	p35466.d
Level 6	IC 460-151579/3	p35465.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	64747 1298762	116810	220391	504542	899957	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1326	+++++	+++++ +++++	+++++	+++++	0.500	+++++
N-Nitrosodimethylamine	DCB	Ave	101500 1932270	180152	340045	764132	1397438	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	178233 3341151	323829	590410	1279625	2324524	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	133245 156671	170648	238736	221380	254232	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	241531 4039871	434078	884763	1630876	2714523	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	277782 3643868	471579	921898	1849894	3133058	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	17778 4170686	333519	643841	1315550	2583350	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	193217 3016078	348375	675772	1265069	2169700	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	226152 3283328	400911	747418	1517796	2496134	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	228269 3538587	408051	757047	1526742	2605845	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	224975 3414203	395158	757492	1494451	2541558	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	112831 1965823	206229	391658	840064	1536386	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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	209249 3205068	379340	702304	1417165	2441204	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	171469 2643639	295084	579597	1106194	1900051	5.00 120	10.0	20.0	50.0	80.0
bis (2-chloroisopropyl) ether	DCB	Ave	255823 3865377	462418	859510	1734975	2975752	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	226344 3334889	408991	768860	1477767	2506324	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	191134 2794908	324990	631676	1175929	2019743	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	187891 2793961	324990	631413	1175929	2016111	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	11590 1921408	207678	387430	803396	1484050	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	8373 1354958	144457	274500	572237	1034294	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	24626 3593182	438043	820681	1658744	2848920	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	25442 3727720	472024	877944	1697384	2913643	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	288315 4598888	505993	945600	1964676	3527479	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	89755 1650872	164602	330472	688312	1178389	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	161053 2348637	279165	529641	1041959	1738967	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	188355 2983086	332214	630266	1345214	2312945	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	25279 1400779	73618	201229	551026	917742	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	133597 2016278	239994	472524	912522	1500892	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	17407 2468252	282781	539446	1112832	1909343	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	QuaF	507144 5933928	883557	1607935	3093866	4664777	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	177796 2624398	318478	587241	1217285	2060430	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	18648 1375092	158093	288842	612441	1047118	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	30286 656886	55287	108772	279103	442790	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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	125568 1953845	217709	421816	851022	1407967	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	300671 4444154	545248	1026939	2119751	3406102	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	318431 4471705	551130	1018719	2132600	3310836	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	70440 1287506	114062	238287	542704	986641	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	133084 2014249	231798	447746	900674	1437020	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	212892 3041003	367181	685138	1410235	2253234	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	77192 1452285	136816	272769	566349	924633	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	79929 1237011	143740	269309	571290	959526	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	359075 4496440	646021	1165502	2299940	3491019	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	262420 3741691	462683	854202	1799584	2936702	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	185100 2897429	340538	633993	1344283	2250619	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	155430 1346356	136051	274626	516077	1043057	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	234874 3388089	400619	760248	1620471	2536026	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	235572 3515092	413572	751286	1661579	2721184	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	77425 1373202	135923	269287	624699	1006201	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	11448 945309	96731	185355	427599	729189	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	418510 5069215	700782	1266073	2599077	3959040	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	112868 893584	101737	185351	426627	682440	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	219402 3064151	389200	729849	1500719	2318454	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	248346 3486398	432589	791369	1676865	2752806	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	30079 448768	40907	71324	157793	292187	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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	99438 647811	114270	169602	271151	475710	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	13535 1085025	111611	213468	508096	833520	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	337446 4435046	581853	1069480	2212752	3497214	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	47367 887409	86882	165038	413037	662541	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	220863 3279214	375734	692137	1576776	2518990	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	123526 1813227	210682	393159	854746	1378116	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	262238 3557444	454686	828730	1772010	2768759	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	99279 791977	88749	163419	364723	598649	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	67690 577040	78074	123451	230180	413377	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	173524 2517239	300110	525483	1165298	1904455	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	248882 4232667	514357	943260	1986234	3097300	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	66230 1066644	115410	211879	490868	813055	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	7168 1078921	123684	223141	495791	818293	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	52730 721974	88824	155196	379352	579061	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	66385 624270	83461	136121	251480	438211	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	22939 352654	39146	70319	159427	272056	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	168007 2514736	297355	553964	1225146	1918413	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	305907 3874727	507672	917183	2013110	3085934	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	307080 3917119	534789	926060	2083196	3097546	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	248149 3160920	416106	745338	1657749	2521837	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	306721 3769503	514156	910320	2058565	3033160	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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	252007 3125071	411248	745082	1657294	2459540	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	62811 54961	234957	193764	57934	56476	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	247290 3006030	397236	712045	1609714	2374800	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	95491 1278216	150883	273669	643426	1025254	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	QuaF	29508 895125	58464	142238	371587	643915	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	100213 537516	171118	222834	294388	457303	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	19586 2036215	264190	449638	1053503	1604209	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	121429 1591522	192755	349804	799159	1276114	5.00 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	150958 1828866	234558	429195	956307	1484781	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	150773 2226391	256996	480143	1118792	1801269	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	13077 1708532	181783	345597	762272	1291178	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	12252 1597224	193848	350102	821667	1294720	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	9571 1372600	146790	280978	633423	1064488	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	10802 1561203	146685	265361	629116	1148648	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	12680 1435778	133795	253439	590518	1055751	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	89439 1545746	142994	277779	608321	1152550	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	194179 3185707	348236	669708	1271707	2183381	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	225190 3514986	402956	764198	1469072	2531367	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	181377 2983913	324057	626294	1280989	2177583	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	305884 4333995	539952	1016092	2078093	3188299	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	33335 609126	60661	116301	270205	432840	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.: 460-52450-1 Analy Batch No.: 151579

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2013 20:02 Calibration End Date: 03/17/2013 22:36 Calibration ID: 20705

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	167920 2166152	271542	494852	1147762	1634404	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-152300/7	z20002.d
Level 2	IC 460-152300/6	z20001.d
Level 3	IC 460-152300/5	z20000.d
Level 4	ICIS 460-152300/2	z19997.d
Level 5	IC 460-152300/4	z19999.d
Level 6	IC 460-152300/3	z19998.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								15.0			
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	0.3296 0.4754	0.3311	0.3393	0.3361	0.4174	QuaF		3.0483	-0.672						0.9979		0.9900
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.2018	+++++	Ave		0.2018						15.0			
N-Nitrosodimethylamine	0.9052 0.9349	0.8919	0.9292	0.9111	0.9213	Ave		0.9156				1.7		15.0			
Pyridine	1.6405 1.6000	1.5818	1.6457	1.5712	1.5832	Ave		1.6037				2.0		15.0			
Benzaldehyde	1.0675 0.0566	0.8032	0.6013	0.1727	0.1340	Ave		0.4726				87.6	*	15.0			
Phenol	1.7861 1.7250	1.8670	1.9890	1.7837	1.6453	Ave		1.7993				6.6		15.0			
Aniline	2.1215 +++++	2.0522	2.0566	1.9488	1.8244	Ave		2.0007				5.8		15.0			
Bis(2-chloroethyl)ether	1.4473 2.1042	1.4271	1.4469	1.4495	1.6436	QuaF		0.7575	-0.045						0.9998		0.9900
2-Chlorophenol	1.5202 1.3747	1.4776	1.5656	1.3976	1.3044	Ave		1.4400				6.8		15.0			
Decane	1.9876 1.5678	1.8999	1.8905	1.7713	1.6008	Ave		1.7863				9.6		15.0			
1,3-Dichlorobenzene	1.6037 1.7280	1.5977	1.6647	1.6497	1.7169	Ave		1.6601				3.3		15.0			
1,4-Dichlorobenzene	1.6451 1.7622	1.6367	1.7068	1.6930	1.7499	Ave		1.6990				3.1		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.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	0.7838 0.8428	0.8217	0.8697	0.8409	0.8391	Ave		0.8330				3.4		15.0			
1,2-Dichlorobenzene	1.5362 1.5997	1.4783	1.5433	1.5347	1.6015	Ave		1.5490				3.0		15.0			
2-Methylphenol	1.2465 1.1302	1.2160	1.2669	1.1482	1.0795	Ave		1.1812				6.2		15.0			
2,2'-oxybis[1-chloropropane]	2.2487 1.7146	2.1910	2.1570	1.9546	1.8207	Ave		2.0144				10.8		15.0			
Acetophenone	1.8602 1.7485	1.8913	1.9779	1.8876	1.7839	Ave		1.8582				4.4		15.0			
3 & 4 Methylphenol	1.3014 1.2647	1.3252	1.4039	1.1748	1.1432	Ave		1.2689				7.7		15.0			
4-Methylphenol	1.3009 1.2647	1.3252	1.4039	1.2213	1.1414	Ave		1.2762				7.1		15.0			
N-Nitrosodi-n-propylamine	0.9398 0.9269	0.9658	0.9880	0.8710	0.9529	Ave		0.9407			0.0500	4.3		15.0			
Hexachloroethane	0.6953 0.7041	0.6828	0.6972	0.6926	0.7120	Ave		0.6973				1.4		15.0			
Nitrobenzene	0.5893 0.5948	0.5759	0.5935	0.5936	0.6027	Ave		0.5916				1.5		15.0			
n,n'-Dimethylaniline	1.8706 2.0832	2.0074	2.1059	2.1112	2.1300	Ave		2.0514				4.8		15.0			
Isophorone	0.6250 0.6022	0.6303	0.6309	0.6295	0.6257	Ave		0.6239				1.8		15.0			
2-Nitrophenol	0.1880 0.2029	0.1847	0.2027	0.1902	0.1905	Ave		0.1932				4.0		15.0			
2,4-Dimethylphenol	0.2894 0.3022	0.3127	0.3182	0.3009	0.2846	Ave		0.3014				4.3		15.0			
Bis(2-chloroethoxy)methane	0.3828 0.4041	0.3933	0.3929	0.4002	0.4112	Ave		0.3974				2.5		15.0			
Benzoic acid	0.1128 0.1053	0.1433	0.1196	0.1458	0.1238	Ave		0.1251				13.0		15.0			
2,4-Dichlorophenol	0.2635 0.2676	0.2708	0.2807	0.2654	0.2504	Ave		0.2664				3.7		15.0			
1,2,4-Trichlorobenzene	0.3242 0.3464	0.3218	0.3342	0.3303	0.3428	Ave		0.3333				3.0		15.0			
Naphthalene	1.0460 1.1299	1.0559	1.0684	1.0814	1.1402	Ave		1.0869				3.6		15.0			
4-Chloroaniline	0.3898 0.3202	0.3854	0.3795	0.3544	0.3379	Ave		0.3612				7.8		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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	0.1971 0.2275	0.2042	0.2099	0.2157	0.2234	Ave		0.2130				5.4		15.0			
Caprolactam	0.0613 0.0481	0.0719	0.0678	0.0694	0.0577	Ave		0.0627				14.2		15.0			
4-Chloro-3-methylphenol	0.2445 0.2572	0.2717	0.2897	0.2696	0.2495	Ave		0.2637				6.3		15.0			
2-Methylnaphthalene	0.6009 0.6390	0.6115	0.6306	0.6403	0.6516	Ave		0.6290				3.0		15.0			
1-Methylnaphthalene	0.6180 0.6485	0.6146	0.6341	0.6420	0.6240	Ave		0.6302				2.1		15.0			
Hexachlorocyclopentadiene	0.4298 0.5494	0.3929	0.4142	0.4758	0.5366	Ave		0.4665			0.0500	14.0		15.0			
1,2,4,5-Tetrachlorobenzene	0.6558 0.8030	0.6321	0.6768	0.6836	0.7066	Ave		0.6930				8.6		15.0			
2-tertbutyl-4-methylphenol	0.4152 0.3617	0.4285	0.4362	0.4473	0.4124	Ave		0.4169				7.2		15.0			
2,4,6-Trichlorophenol	0.3815 0.4425	0.3701	0.3983	0.3834	0.3803	Ave		0.3927				6.6		15.0			
2,4,5-Trichlorophenol	0.3437 0.3772	0.3824	0.3874	0.3803	0.3719	Ave		0.3738				4.2		15.0			
Diphenyl	1.6559 1.6344	1.7176	1.7112	1.7405	1.7845	Ave		1.7073				3.2		15.0			
2-Chloronaphthalene	1.2402 1.3233	1.2299	1.2613	1.2567	1.3295	Ave		1.2735				3.3		15.0			
Diphenyl ether	0.8606 0.9328	0.8508	0.8517	0.8698	0.9235	Ave		0.8815				4.2		15.0			
2-Nitroaniline	0.4774 0.5034	0.5321	0.5328	0.5291	0.5175	Ave		0.5154				4.2		15.0			
Dimethylnaphthalene, total	1.0351 1.1442	1.0274	1.0504	1.0813	1.1022	Ave		1.0734				4.2		15.0			
Dimethyl phthalate	1.1484 1.1800	1.1607	1.1612	1.1845	1.2004	Ave		1.1725				1.6		15.0			
Coumarin	0.1583 0.1371	0.1539	0.1552	0.1570	0.1389	Ave		0.1501				6.3		15.0			
2,6-Dinitrotoluene	0.2375 0.2674	0.2684	0.2603	0.2721	0.2732	Ave		0.2632				5.1		15.0			
Acenaphthylene	1.8054 1.8266	1.7151	1.7527	1.7682	1.8455	Ave		1.7856				2.7		15.0			
3-Nitroaniline	0.2641 0.2209	0.2559	0.2553	0.2419	0.2371	Ave		0.2459				6.4		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.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	1.1211 1.2781	1.1342	1.1744	1.2459	1.2076	Ave		1.1936				5.2		15.0			
Acenaphthene	1.1306 1.2289	1.1147	1.1642	1.1965	1.2379	Ave		1.1788				4.3		15.0			
2,4-Dinitrophenol	0.0581 0.1176	0.0773	0.0869	0.1126	0.1117	QuaF		10.379	-5.542		0.0500				0.9941		0.9900
4-Nitrophenol	0.1973 0.2192	0.2137	0.2205	0.2205	0.2211	Ave		0.2154			0.0500	4.3		15.0			
2,4-Dinitrotoluene	0.2921 0.3161	0.3077	0.3136	0.3235	0.3218	Ave		0.3124				3.7		15.0			
Dibenzofuran	1.4894 1.5664	1.4909	1.5000	1.5363	1.5852	Ave		1.5281				2.7		15.0			
2,3,4,6-Tetrachlorophenol	0.2508 0.2681	0.2557	0.2552	0.2839	0.2660	Ave		0.2633				4.6		15.0			
Diethyl phthalate	1.0427 1.0719	1.0699	1.0735	1.1191	1.0920	Ave		1.0782				2.4		15.0			
Fluorene	1.1903 1.2661	1.2089	1.2168	1.2668	1.2955	Ave		1.2407				3.3		15.0			
4-Chlorophenyl phenyl ether	0.5787 0.6314	0.5876	0.5795	0.6152	0.6300	Ave		0.6038				4.1		15.0			
4-Nitroaniline	0.2151 0.1876	0.2211	0.2302	0.2113	0.1928	Ave		0.2097				7.8		15.0			
4,6-Dinitro-2-methylphenol	0.1076 0.1456	0.1145	0.1268	0.1348	0.1391	Ave		0.1281				11.5		15.0			
N-Nitrosodiphenylamine	0.6637 0.6618	0.6491	0.6226	0.6122	0.6460	Ave		0.6426				3.3		15.0			
1,2-Diphenylhydrazine	1.0367 1.4539	1.2709	1.2750	1.2837	1.3601	Ave		1.2801				10.8		15.0			
4-Bromophenyl phenyl ether	0.2604 0.2974	0.2630	0.2710	0.2714	0.2964	Ave		0.2766				5.9		15.0			
Hexachlorobenzene	0.2755 0.3133	0.2849	0.2805	0.2892	0.3097	Ave		0.2922				5.4		15.0			
Atrazine	0.2120 0.1931	0.2079	0.2171	0.2179	0.2077	Ave		0.2093				4.3		15.0			
Pentachlorophenol	0.0948 0.1643	0.1098	0.1238	0.1386	0.1527	QuaF		7.9937	-3.978						0.9978		0.9900
Pentachloronitrobenzene	0.1268 0.1195	0.1228	0.1162	0.1188	0.1213	Ave		0.1209				3.0		15.0			
n-Octadecane	0.8794 0.9553	0.9031	0.9148	0.9010	0.9202	Ave		0.9123				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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	1.1368 1.2312	1.1790	1.1989	1.1912	1.2439	Ave		1.1969				3.2		15.0			
Anthracene	1.1669 1.2296	1.2036	1.1797	1.2098	1.2541	Ave		1.2073				2.6		15.0			
Carbazole	0.8899 0.8554	0.8804	0.8836	0.8580	0.8802	Ave		0.8746				1.6		15.0			
Di-n-butyl phthalate	1.1209 1.2031	1.1450	1.1623	1.1861	1.2064	Ave		1.1706				2.9		15.0			
Fluoranthene	0.9243 0.9491	0.9511	0.9515	0.9496	0.9679	Ave		0.9489				1.5		15.0			
Benzidine	0.2180 0.0151	0.2831	0.1707	0.0334	0.0261	Ave		0.1244				92.3	*	15.0			
Pyrene	1.7840 1.9524	1.7997	1.8862	1.8324	1.8598	Ave		1.8524				3.3		15.0			
Butyl benzyl phthalate	0.6307 0.7469	0.6710	0.6931	0.7037	0.7092	Ave		0.6924				5.7		15.0			
Carbamazepine	0.3006 0.4902	0.3517	0.4013	0.4396	0.4387	QuaF		2.5405	-0.338						0.9994		0.9900
3,3'-Dichlorobenzidine	0.3686 0.2673	0.3728	0.3587	0.2843	0.2719	QuaF		2.8894	1.1279						0.9939		0.9900
Benzo[a]anthracene	1.4733 1.3157	1.2136	1.2297	1.2061	1.2517	Ave		1.2817				7.9		15.0			
Chrysene	1.0813 1.2749	1.1513	1.1796	1.1726	1.1991	Ave		1.1765				5.4		15.0			
Bis(2-ethylhexyl) phthalate	0.7889 0.9798	0.8377	0.8915	0.9033	0.9293	Ave		0.8884				7.6		15.0			
Di-n-octyl phthalate	1.1803 1.6829	1.4721	1.6072	1.6289	1.6182	Ave		1.5316				12.1		15.0			
Benzo[b]fluoranthene	1.1037 1.2366	1.1728	1.1976	1.2043	1.2310	Ave		1.1910				4.1		15.0			
Benzo[k]fluoranthene	1.2743 1.3342	1.3248	1.3302	1.2939	1.2799	Ave		1.3062				2.0		15.0			
Benzo[a]pyrene	0.8931 1.0477	0.9511	1.0050	0.9967	1.0144	Ave		0.9847				5.5		15.0			
Indeno[1,2,3-cd]pyrene	0.5249 0.9969	0.7257	0.8197	0.8559	0.9493	QuaF		1.2165	-0.073						0.9994		0.9900
Dibenz(a,h)anthracene	0.5327 0.9990	0.7200	0.8818	0.8834	0.9741	QuaF		1.1570	-0.054						0.9992		0.9900
Benzo[g,h,i]perylene	0.7350 1.0515	0.8259	0.9555	0.9309	1.0460	Ave		0.9241				13.5		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.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	1.5181 1.3716	1.5033	1.5818	1.4184	1.3272	Ave		1.4534				6.7		15.0			
Phenol-d5	1.7205 1.5529	1.6715	1.7827	1.5839	1.5093	Ave		1.6368				6.4		15.0			
Nitrobenzene-d5	0.4077 0.4354	0.4191	0.4377	0.4322	0.4137	Ave		0.4243				2.9		15.0			
2-Fluorobiphenyl	1.4200 1.5863	1.3946	1.4420	1.4934	1.4901	Ave		1.4711				4.7		15.0			
2,4,6-Tribromophenol	0.1518 0.1882	0.1639	0.1788	0.1835	0.1751	Ave		0.1736				7.8		15.0			
Terphenyl-d14	1.1614 1.3381	1.2053	1.2407	1.2249	1.1869	Ave		1.2262				5.0		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-152300/7	z20002.d
Level 2	IC 460-152300/6	z20001.d
Level 3	IC 460-152300/5	z20000.d
Level 4	ICIS 460-152300/2	z19997.d
Level 5	IC 460-152300/4	z19999.d
Level 6	IC 460-152300/3	z19998.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	PHN	QuaF	19908 456493	36813	70717	159758	287003	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	476	+++++	+++++ +++++	+++++	+++++	0.500	+++++
N-Nitrosodimethylamine	DCB	Ave	28913 616862	53715	104419	238033	409488	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	52401 1055702	95266	184934	410500	703665	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	34098 37335	48377	67576	45115	59578	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	57052 1138192	112443	223518	466032	731262	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	67766 +++++	123601	231108	509176	810906	5.00 +++++	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	4623 1388372	85950	162594	378706	730538	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	48557 907069	88993	175935	365165	579747	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	63489 1034446	114427	212444	462804	711493	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	51224 1140176	96225	187075	431015	763099	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	52548 1162722	98578	191809	442330	777784	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	25035 556097	49491	97738	219703	372937	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.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	49070 1055519	89038	173434	400965	711833	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	39816 745692	73235	142373	299981	479792	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	71828 1131342	131962	242399	510671	809257	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	59418 1153684	113911	222267	493184	792876	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	41569 834464	79816	157762	306943	508127	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	41554 834464	79816	157762	319090	507301	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3002 611602	58169	111026	227556	423532	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2221 464548	41125	78350	180955	316472	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	6976 1342882	125781	243959	554315	930469	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	5975 1374510	120901	236656	551611	946728	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	73982 1359552	137666	259344	587896	966000	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	22257 458146	40338	83328	177577	294097	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	34255 682380	68307	130826	280992	439398	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	45313 912398	85910	161511	373700	634895	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	13357 237841	31297	49184	136129	191096	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	31192 604252	59156	115395	247886	386615	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3838 781966	70288	137377	308443	529338	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	123812 2550978	230611	439177	1009879	1760378	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	46137 722908	84182	156005	330957	521637	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	4665 513543	44608	86293	201452	344859	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	7254 108483	15697	27868	64850	89072	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.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	28943 580620	59337	119084	251765	385162	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	71132 1442724	133561	259245	597983	1006012	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	73156 1464026	134236	260658	599544	963479	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	22149 493644	37570	74936	193862	337497	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	33795 721572	60438	122458	278543	444420	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	49142 816685	93578	179302	417742	636698	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	19659 397644	35393	72065	156210	239178	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	17711 338977	36569	70088	154976	233910	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	85328 1468600	164234	309602	709183	1122283	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	63908 1189069	117606	228195	512067	836126	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	44348 838201	81353	154091	354421	580804	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	49199 452328	50878	96402	215597	325488	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	53339 1028100	98240	190046	440585	693173	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	59177 1060260	110988	210098	482659	754924	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	18732 309494	33614	63811	146659	214451	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2448 240290	25662	47099	110881	171795	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	93032 1641310	164002	317098	720493	1160652	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	27215 198499	24467	46186	98565	149111	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	57767 1148467	108450	212478	507676	759489	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	58257 1104279	106587	210638	487517	778516	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	8974 105698	14781	23583	45861	70254	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.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	30501 196975	40874	59846	89862	139071	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	3010 283989	29420	56734	131814	202363	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	76748 1407537	142564	271378	626002	996985	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	12921 240877	24454	46166	115695	167262	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	53727 963207	102300	194218	455982	686749	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	61333 1137657	115592	220157	516186	814744	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	29821 567389	56188	104846	250695	396194	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	22164 168576	21139	41650	86099	121268	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	19497 139844	25463	39636	64077	95659	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	40089 635478	72180	129787	290987	444165	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	62615 1396000	141323	265776	610141	935129	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	15727 285596	29242	56482	129010	203797	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	1664 300809	31682	58478	137435	212935	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	12803 185446	23123	45255	103549	142784	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	17185 157791	24427	38702	65873	104994	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	7660 114715	13656	24212	56481	83435	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	53114 917240	100424	190687	428246	632701	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	68663 1182125	131101	249914	566196	855293	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	70481 1180626	133838	245910	575025	862244	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	53747 821361	97903	184178	407785	605213	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	67699 1155143	127328	242279	563767	829461	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.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	55824 911264	105760	198342	451351	665468	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	13168 14523	62951	53379	15878	17912	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	54964 853776	99663	192357	432155	642345	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	19430 326635	37159	70678	165968	244935	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	QuaF	9260 214341	19479	40923	103681	151526	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	22712 116908	41292	54864	67044	93901	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	4539 575341	67206	125405	284455	432324	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	33313 557505	63758	120293	276546	414158	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	24306 428467	46390	90917	213041	320976	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	25612 616474	56736	120280	286773	444169	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	2395 453002	45201	89630	212019	337891	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	2765 488738	51058	99549	227798	351294	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	1938 383796	36656	75216	175465	278421	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	1139 365191	27969	61344	150677	260551	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	1156 365955	27748	65991	155522	267372	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	15948 385191	31831	71508	163890	287102	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	48490 905011	90541	177753	370595	589890	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	54958 1024622	100669	200332	413825	670819	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	48260 983041	91531	179943	403572	638735	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	73169 1425384	133356	260899	608507	937164	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	7821 169151	15672	32341	74790	110114	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.: 460-52450-1 Analy Batch No.: 152300

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 12:28 Calibration End Date: 03/21/2013 14:51 Calibration ID: 20813

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	35783 585151	66749	126525	288888	409939	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-152488/7	z20075.d
Level 2	IC 460-152488/6	z20074.d
Level 3	IC 460-152488/5	z20073.d
Level 4	ICIS 460-152488/2	z20070.d
Level 5	IC 460-152488/4	z20072.d
Level 6	IC 460-152488/3	z20071.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								
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1-Naphthylamine	0 0	0.0182	0	0	0	Ave		0.0182						15.0			
2-Naphthylamine	0 0	0.0182	0	0	0	Ave		0.0182						15.0			
1,4-Dioxane	0.2857 0.3782	0.2760	0.2868	0.3237	0.3461	Ave		0.3161				12.8		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.2284	+++++	Ave		0.2284						15.0			
N-Nitrosodimethylamine	0.8518 0.9126	0.8500	0.8744	0.8861	0.9165	Ave		0.8819				3.3		15.0			
Pyridine	1.4491 1.4952	1.5473	1.5575	1.5543	1.5828	Ave		1.5310				3.2		15.0			
Benzaldehyde	1.0435 +++++	0.8301	0.6759	0.2762	0.2215	Ave		0.6094				58.2	*	15.0			
Phenol	1.9178 1.6535	1.8740	1.9436	1.7711	1.7339	Ave		1.8157				6.3		15.0			
Aniline	1.9783 +++++	2.0108	2.0218	1.9967	1.7873	Ave		1.9590				5.0		15.0			
Bis(2-chloroethyl)ether	1.4688 2.3647	1.3783	1.4002	1.4288	1.7548	QuaF		0.7435	-0.045						0.9990		0.9900
2-Chlorophenol	1.4314 1.4509	1.4552	1.5506	1.4060	1.3456	Ave		1.4399				4.7		15.0			
Decane	1.8094 1.5289	1.7628	1.7739	1.6796	1.5933	Ave		1.6913				6.6		15.0			
1,3-Dichlorobenzene	1.5768 1.7438	1.5999	1.6453	1.6545	1.7347	Ave		1.6592				4.1		15.0			
1,4-Dichlorobenzene	1.6136 1.7819	1.6408	1.6494	1.6826	1.7758	Ave		1.6907				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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	0.8226 0.7351	0.8625	0.8566	0.8734	0.8936	Ave		0.8406				6.7		15.0			
1,2-Dichlorobenzene	1.4835 1.6351	1.5259	1.5451	1.5300	1.6109	Ave		1.5551				3.7		15.0			
2-Methylphenol	1.2027 1.2314	1.2268	1.2756	1.1770	1.1423	Ave		1.2093				3.8		15.0			
bis (2-chloroisopropyl) ether	2.0002 1.7180	2.0034	1.9743	1.8696	1.7909	Ave		1.8927				6.3		15.0			
Acetophenone	1.8328 1.8517	1.9163	1.9371	1.8893	1.8410	Ave		1.8780				2.3		15.0			
N-Nitrosodi-n-propylamine	1.0125 0.9947	0.9659	0.9826	0.9435	1.0172	Ave		0.9861			0.0500	2.9		15.0			
3 & 4 Methylphenol	1.3311 1.2886	1.3303	1.3915	1.1815	1.1752	Ave		1.2830				6.8		15.0			
4-Methylphenol	1.3445 1.2891	1.3430	1.3915	1.1877	1.1752	Ave		1.2885				6.9		15.0			
Hexachloroethane	0.6510 0.7048	0.6833	0.6838	0.6816	0.7092	Ave		0.6856				3.0		15.0			
Nitrobenzene	0.5954 0.5969	0.5592	0.5837	0.5844	0.5970	Ave		0.5861				2.5		15.0			
n,n'-Dimethylaniline	1.7944 2.2250	2.0481	2.0775	2.1470	2.1787	Ave		2.0785				7.4		15.0			
Isophorone	0.6087 0.6312	0.6144	0.6369	0.6329	0.6399	Ave		0.6273				2.0		15.0			
2-Nitrophenol	0.1716 0.2059	0.1813	0.1986	0.1893	0.1892	Ave		0.1893				6.4		15.0			
2,4-Dimethylphenol	0.2999 0.3183	0.3020	0.3277	0.3012	0.2960	Ave		0.3075				4.1		15.0			
Bis(2-chloroethoxy)methane	0.3748 0.4135	0.3787	0.3878	0.3969	0.4095	Ave		0.3935				4.0		15.0			
Benzoic acid	0.0753 0.1882	0.1222	0.1632	0.1589	0.1730	QuaF		6.6737	-2.425						0.9992		0.9900
2,4-Dichlorophenol	0.2603 0.2764	0.2611	0.2852	0.2655	0.2580	Ave		0.2677				4.0		15.0			
1,2,4-Trichlorobenzene	0.3098 0.3434	0.3139	0.3278	0.3267	0.3394	Ave		0.3268				4.1		15.0			
Naphthalene	1.0289 1.1625	1.0213	1.0777	1.0793	1.1369	Ave		1.0844				5.2		15.0			
4-Chloroaniline	0.3731 0.3314	0.3736	0.3798	0.3624	0.3557	Ave		0.3627				4.8		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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	0.2013 0.2213	0.2003	0.2136	0.2124	0.2213	Ave		0.2117				4.4		15.0			
Caprolactam	0.0578 0.0663	0.0659	0.0750	0.0738	0.0673	Ave		0.0677				9.2		15.0			
4-Chloro-3-methylphenol	0.2678 0.2747	0.2747	0.2908	0.2708	0.2620	Ave		0.2735				3.6		15.0			
2-Methylnaphthalene	0.6033 0.6699	0.6176	0.6308	0.6390	0.6693	Ave		0.6383				4.2		15.0			
1-Methylnaphthalene	0.6122 0.6842	0.6215	0.6567	0.6601	0.6478	Ave		0.6471				4.1		15.0			
Hexachlorocyclopentadiene	0.3593 0.4992	0.3400	0.3852	0.4313	0.4881	QuaF		2.3945	-0.273		0.0500				0.9986		0.9900
1,2,4,5-Tetrachlorobenzene	0.6370 0.7587	0.6189	0.6593	0.6588	0.6684	Ave		0.6668				7.3		15.0			
2-tertbutyl-4-methylphenol	0.4407 0.4413	0.4311	0.4508	0.4438	0.4348	Ave		0.4404				1.6		15.0			
2,4,6-Trichlorophenol	0.3400 0.4442	0.3604	0.3832	0.3670	0.3721	Ave		0.3778				9.4		15.0			
2,4,5-Trichlorophenol	0.3563 0.3729	0.3567	0.3815	0.3638	0.3667	Ave		0.3663				2.7		15.0			
Diphenyl	1.5939 1.4878	1.6237	1.6908	1.7115	1.7485	Ave		1.6427				5.8		15.0			
2-Chloronaphthalene	1.1925 1.3119	1.1887	1.2026	1.2257	1.3008	Ave		1.2370				4.5		15.0			
Diphenyl ether	0.8229 0.9203	0.8248	0.8445	0.8755	0.9084	Ave		0.8661				4.9		15.0			
2-Nitroaniline	0.4535 0.4974	0.5098	0.5172	0.5038	0.5158	Ave		0.4996				4.8		15.0			
Dimethylnaphthalene, total	0.9929 1.1331	1.0014	1.0351	1.0736	1.0821	Ave		1.0530				5.1		15.0			
Dimethyl phthalate	1.1448 1.2291	1.1512	1.1663	1.1846	1.2196	Ave		1.1826				3.0		15.0			
Coumarin	0.1443 0.1593	0.1568	0.1659	0.1581	0.1546	Ave		0.1565				4.5		15.0			
2,6-Dinitrotoluene	0.2272 0.2765	0.2650	0.2678	0.2717	0.2789	Ave		0.2645				7.2		15.0			
Acenaphthylene	1.7594 1.8501	1.7196	1.7568	1.7630	1.8551	Ave		1.7840				3.1		15.0			
3-Nitroaniline	0.2521 0.2305	0.2531	0.2539	0.2450	0.2391	Ave		0.2456				3.8		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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	1.0934 1.2499	1.1249	1.1648	1.1846	1.2370	Ave		1.1758				5.2		15.0			
3,5-di-tert-butyl-4-hydroxytol	1.0563 1.2244	1.1056	1.1722	1.1787	1.1708	Ave		1.1513				5.2		15.0			
2,4-Dinitrophenol	0.0627 0.1498	0.0790	0.1028	0.1103	0.1382	QuaF		9.6729	-6.907		0.0500				0.9935		0.9900
4-Nitrophenol	0.1801 0.2228	0.1934	0.2086	0.2060	0.2222	Ave		0.2055			0.0500	8.1		15.0			
2,4-Dinitrotoluene	0.2970 0.3418	0.3245	0.3321	0.3254	0.3305	Ave		0.3252				4.7		15.0			
Dibenzofuran	1.4364 1.6071	1.5059	1.5092	1.5413	1.5995	Ave		1.5332				4.2		15.0			
2,3,4,6-Tetrachlorophenol	0.2596 0.2786	0.2571	0.2634	0.2857	0.2749	Ave		0.2699				4.3		15.0			
Diethyl phthalate	1.0358 1.1273	1.0921	1.0999	1.1043	1.1332	Ave		1.0988				3.2		15.0			
4-Chlorophenyl phenyl ether	0.5788 0.6552	0.5825	0.5901	0.6064	0.6481	Ave		0.6102				5.5		15.0			
Fluorene	1.1538 1.3055	1.2310	1.2498	1.2605	1.3040	Ave		1.2508				4.5		15.0			
4-Nitroaniline	0.1945 0.2072	0.2214	0.2299	0.2141	0.2068	Ave		0.2123				5.8		15.0			
4,6-Dinitro-2-methylphenol	0.1001 0.1442	0.1135	0.1307	0.1333	0.1560	QuaF		7.4805	-1.675						0.9919		0.9900
N-Nitrosodiphenylamine	0.6212 0.5962	0.6181	0.6227	0.6249	0.6363	Ave		0.6199				2.1		15.0			
1,2-Diphenylhydrazine	0.9654 1.3535	1.1756	1.2177	1.2558	1.2833	Ave		1.2086				11.0		15.0			
4-Bromophenyl phenyl ether	0.2476 0.2943	0.2558	0.2605	0.2715	0.2887	Ave		0.2697				6.9		15.0			
Hexachlorobenzene	0.2662 0.3143	0.2800	0.2803	0.2895	0.3082	Ave		0.2897				6.3		15.0			
Atrazine	0.1988 0.1882	0.2091	0.2125	0.2154	0.2052	Ave		0.2049				4.9		15.0			
Pentachlorophenol	0.1134 0.1815	0.1322	0.1407	0.1483	0.1689	QuaF		7.2353	-3.251						0.9984		0.9900
Pentachloronitrobenzene	0.1201 0.1205	0.1210	0.1186	0.1155	0.1220	Ave		0.1196				1.9		15.0			
n-Octadecane	0.7735 0.8667	0.8175	0.8274	0.8780	0.8482	Ave		0.8352				4.5		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.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	1.1260 1.2625	1.1776	1.1640	1.2040	1.2328	Ave		1.1945				4.1		15.0			
Anthracene	1.1388 1.2608	1.1750	1.1934	1.2033	1.2342	Ave		1.2009				3.6		15.0			
Carbazole	0.8643 0.8843	0.8939	0.8938	0.8804	0.8908	Ave		0.8846				1.3		15.0			
Di-n-butyl phthalate	1.1254 1.2622	1.1615	1.1623	1.1845	1.2268	Ave		1.1871				4.2		15.0			
Fluoranthene	0.9606 0.9895	0.9838	0.9834	0.9778	0.9958	Ave		0.9818				1.2		15.0			
Benzidine	0.1897 +++++	0.2546	0.1619	0.0383	0.0316	Ave		0.1352				72.1	*	15.0			
Pyrene	1.7756 2.0278	1.7694	1.7819	1.8003	1.9148	Ave		1.8450				5.7		15.0			
Butyl benzyl phthalate	0.6029 0.7717	0.6547	0.6733	0.6895	0.7330	Ave		0.6875				8.6		15.0			
Carbamazepine	0.2207 0.4869	0.2983	0.3700	0.4171	0.4471	QuaF		2.6076	-0.383						0.9996		0.9900
3,3'-Dichlorobenzidine	0.3472 0.2626	0.3616	0.3376	0.2816	0.2602	Ave		0.3085				14.7		15.0			
Benzo[a]anthracene	1.4155 1.3199	1.2168	1.2252	1.1916	1.2739	Ave		1.2738				6.5		15.0			
Chrysene	1.1418 1.2623	1.1426	1.1496	1.1793	1.2427	Ave		1.1864				4.5		15.0			
Bis(2-ethylhexyl) phthalate	0.8960 1.0670	0.9149	0.9225	0.9348	1.0120	Ave		0.9579				7.0		15.0			
Di-n-octyl phthalate	1.3345 1.9810	1.6774	1.8262	1.6988	1.8984	Ave		1.7361				13.2		15.0			
Benzo[b]fluoranthene	1.1845 1.3101	1.1299	1.1701	1.2187	1.2882	Ave		1.2169				5.8		15.0			
Benzo[k]fluoranthene	1.3031 1.3760	1.3105	1.3736	1.2782	1.3451	Ave		1.3311				3.0		15.0			
Benzo[a]pyrene	0.7884 1.0737	0.9384	0.9794	0.9908	1.0426	Ave		0.9689				10.4		15.0			
Indeno[1,2,3-cd]pyrene	0.5627 0.9717	0.6795	0.7438	0.8272	0.9020	QuaF		1.2928	-0.092						0.9997		0.9900
Dibenz(a,h)anthracene	0.5916 0.9609	0.7586	0.8290	0.8568	0.9497	QuaF		1.1839	-0.052						0.9991		0.9900
Benzo[g,h,i]perylene	0.7793 1.0058	0.8135	0.8736	0.9016	0.9697	Ave		0.8906				9.8		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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	1.4319 1.4190	1.4474	1.5133	1.3750	1.3278	Ave		1.4190				4.5		15.0			
Phenol-d5	1.6681 1.5144	1.7136	1.7159	1.5828	1.5723	Ave		1.6278				5.1		15.0			
Nitrobenzene-d5	0.3923 0.4357	0.3992	0.4291	0.4253	0.4121	Ave		0.4156				4.2		15.0			
2-Fluorobiphenyl	1.3564 1.5494	1.3407	1.4042	1.4727	1.4372	Ave		1.4268				5.4		15.0			
2,4,6-Tribromophenol	0.1656 0.1880	0.1761	0.1845	0.1810	0.1821	Ave		0.1796				4.4		15.0			
Terphenyl-d14	1.1327 1.4012	1.1406	1.2190	1.2217	1.2416	Ave		1.2261				7.9		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-152488/7	z20075.d
Level 2	IC 460-152488/6	z20074.d
Level 3	IC 460-152488/5	z20073.d
Level 4	ICIS 460-152488/2	z20070.d
Level 5	IC 460-152488/4	z20072.d
Level 6	IC 460-152488/3	z20071.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
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	0 0	1794	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	1794	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	PHN	Ave	16713 529201	33778	60364	156837	285249	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	578	+++++	+++++ +++++	+++++	+++++	0.500	+++++
N-Nitrosodimethylamine	DCB	Ave	24195 718293	48884	88821	226963	415207	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	41161 1176863	88987	158216	398121	717107	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	29639 +++++	47740	68661	70736	100337	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	54474 1301480	107773	197432	453656	785566	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	56194 +++++	115641	205374	511438	809749	5.00 +++++	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	4172 1861231	79269	142237	365980	795002	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	40658 1141969	83688	157509	360135	609606	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	51394 1203368	101383	180190	430218	721847	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	44789 1372509	92012	167135	423790	785921	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	45833 1402519	94363	167542	430998	804535	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	23367 578580	49602	87013	223709	404865	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.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	42137 1286960	87758	156953	391888	729803	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	34162 969229	70557	129580	301475	517509	5.00 120	10.0	20.0	50.0	80.0
bis (2-chloroisopropyl) ether	DCB	Ave	56814 1352253	115215	200555	478889	811385	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	52060 1457484	110209	196773	483933	834060	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	2876 782910	55550	99812	241677	460861	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	37809 1014231	76508	141353	302637	532404	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	38190 1014652	77237	141353	304218	532404	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	1849 554708	39298	69459	174593	321303	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	6231 1685553	120655	215099	542379	976894	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	5097 1751275	117787	211036	549943	987053	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	63695 1782505	132565	234691	587417	1047140	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	17958 581447	39125	73185	175653	309572	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	31382 898920	65155	120748	279572	484381	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	39223 1167682	81718	142904	368378	670042	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	7884 531401	26375	60128	147519	283109	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	27238 780564	56340	105080	246364	422173	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3242 969566	67739	120799	303200	555345	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	107671 3282573	220373	397119	1001641	1860369	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	39047 935896	80622	139932	336362	582021	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	4213 624819	43214	78721	197153	362192	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	6053 187191	14221	27647	68488	110143	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.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	28021 775788	59279	107158	251344	428755	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	63134 1891538	133262	232422	593023	1095265	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	64060 1931901	134103	241991	612637	1060026	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	16961 608298	33515	65544	178818	347820	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	30073 924453	61007	112182	273147	476306	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	46121 1246122	93033	166109	411910	711519	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	16052 541185	35524	65212	152170	265204	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	16821 454401	35165	64911	150822	261325	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	75252 1812815	160064	287699	709572	1246043	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	56301 1598476	117177	204627	508156	927014	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	38849 1121367	81311	143700	362973	647405	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	42822 606057	50256	88014	208867	367589	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	46879 1380665	98721	176132	445116	771138	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	54049 1497621	113483	198457	491112	869118	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	15096 449772	33841	61124	146689	252922	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2145 336951	26120	45561	112635	198736	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	83063 2254298	169514	298940	730924	1322029	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	23809 280799	24953	43203	101564	170415	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	51623 1522895	110889	198205	491109	881538	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	49872 1491854	108991	199464	488666	834346	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	8881 182553	15566	26237	45726	98454	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.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	25510 271526	38122	53231	85426	158368	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	2804 416435	31987	56503	134925	235519	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	67814 1958201	148446	256812	638998	1139895	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	12256 339499	25347	44818	118433	195876	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	48900 1373571	107661	187152	457830	807597	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	27326 798312	57419	100415	251408	461842	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	54475 1590675	121354	212659	522589	929317	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	18368 252494	21829	39120	88784	147402	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	17559 201746	27788	41282	64609	128594	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	36338 834290	75629	131072	302822	524480	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	56478 1893949	143851	256317	608542	1057768	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	14485 411757	31303	54827	131582	237945	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	1557 439824	34263	59002	140280	254040	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	11630 263340	25584	44728	104388	169115	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	19898 253971	32351	44425	71839	139256	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	7024 168568	14801	24958	55992	100543	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	45249 1212703	100035	174159	425445	699186	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	65874 1766614	144100	245012	583413	1016120	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	66623 1764281	143775	251203	583091	1017318	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	50560 1237452	109384	188134	426619	734242	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	65835 1766221	142131	244667	573981	1011184	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.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	56195 1384538	120376	207000	473796	820828	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	11095 +++++	62319	51129	18581	26033	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	57827 1328590	118399	200286	455507	793528	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	19635 505604	43811	75681	174457	303770	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	QuaF	7188 318984	19962	41587	105546	185281	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	22618 172071	48388	56921	71250	107842	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	4610 864797	81418	137709	301491	527942	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	37185 827062	76455	129218	298382	514995	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	29181 699052	61222	103689	236534	419393	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	30926 952860	78556	146231	324031	584539	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	2745 630159	52918	93698	232457	396634	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	3020 661825	61377	109987	243811	414157	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	1827 516434	43949	78427	188979	321017	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	1304 467382	31824	59561	157786	277742	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	1371 462161	35529	66381	163435	292419	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	18060 483794	38098	69951	171975	298575	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	40672 1116902	83239	153717	352200	601539	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	47381 1191993	98550	174299	405423	712347	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	41048 1230323	86147	158110	394715	674296	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	64039 1887898	132168	238932	610588	1024228	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	7819 229043	17364	31390	75028	129796	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.: 460-52450-1 Analy Batch No.: 152488

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2013 17:50 Calibration End Date: 03/23/2013 19:57 Calibration ID: 20825

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	36889 918055	76318	137021	309109	514530	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.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151725/2 Calibration Date: 03/19/2013 01:32

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35503.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4965	0.5171		52100	50000	4.1	20.0
N-Nitrosodimethylamine	Ave	0.7617	0.7197		47200	50000	-5.5	20.0
Pyridine	Ave	1.315	1.220		46400	50000	-7.2	20.0
Benzaldehyde	Ave	0.4448	0.3933		44200	50000	-11.6	20.0
Phenol	Ave	1.720	1.482		43100	50000	-13.8	20.0
Aniline	Ave	1.853	1.662		44800	50000	-10.3	20.0
Bis(2-chloroethyl)ether	Ave	1.425	1.254		44000	50000	-12.0	20.0
2-Chlorophenol	Ave	1.344	1.147		42700	50000	-14.6	20.0
Decane	Ave	1.538	1.671		54300	50000	8.7	20.0
1,3-Dichlorobenzene	Ave	1.577	1.583		50200	50000	0.4	20.0
1,4-Dichlorobenzene	Ave	1.545	1.555		50300	50000	0.7	20.0
Benzyl alcohol	Ave	0.8405	0.6843		40700	50000	-18.6	20.0
1,2-Dichlorobenzene	Ave	1.458	1.430		49100	50000	-1.9	20.0
2-Methylphenol	Ave	1.168	0.9718		41600	50000	-16.8	20.0
bis (2-chloroisopropyl) ether	Ave	1.778	1.647		46300	50000	-7.3	20.0
Acetophenone	Ave	1.549	1.341		43300	50000	-13.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.8300	0.6977	0.0500	42000	50000	-15.9	20.0
3 & 4 Methylphenol	Ave	1.265	1.013		40000	50000	-19.9	20.0
4-Methylphenol	Ave	1.261	1.013		40200	50000	-19.6	20.0
Hexachloroethane	Ave	0.5868	0.5819		49600	50000	-0.8	20.0
n,n'-Dimethylaniline	Ave	1.768	1.587		44900	50000	-10.2	20.0
Nitrobenzene	Ave	0.5556	0.5438		48900	50000	-2.1	20.0
Isophorone	Ave	0.6625	0.5960		45000	50000	-10.0	20.0
2-Nitrophenol	Ave	0.2235	0.2107		47100	50000	-5.7	20.0
2,4-Dimethylphenol	Ave	0.3549	0.3043		42900	50000	-14.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.4378	0.4032		46100	50000	-7.9	20.0
Benzoic acid	QuaF	0.1390	0.1451		45300	50000	-9.4	20.0
2,4-Dichlorophenol	Ave	0.3061	0.2728		44600	50000	-10.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3738	0.3585		48000	50000	-4.1	20.0
Naphthalene	QuaF	1.046	1.037		55600	50000	11.1	20.0
4-Chloroaniline	Ave	0.4028	0.3584		44500	50000	-11.0	20.0
Hexachlorobutadiene	Ave	0.2045	0.2005		49000	50000	-2.0	20.0
Caprolactam	Ave	0.0810	0.0796		49100	50000	-1.7	20.0
4-Chloro-3-methylphenol	Ave	0.2840	0.2514		44200	50000	-11.5	20.0
2-Methylnaphthalene	Ave	0.6880	0.6694		48700	50000	-2.7	20.0
1-Methylnaphthalene	Ave	0.6943	0.6700		48200	50000	-3.5	20.0
Hexachlorocyclopentadiene	Ave	0.3447	0.2955	0.0500	42900	50000	-14.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5990	0.5764		48100	50000	-3.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.4659	0.4149		44500	50000	-10.9	20.0
2,4,6-Trichlorophenol	Ave	0.3752	0.3407		45400	50000	-9.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151725/2 Calibration Date: 03/19/2013 01:32

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35503.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	0.3723	0.3483		46800	50000	-6.4	20.0
Diphenyl	Ave	1.534	1.507		49100	50000	-1.7	20.0
2-Chloronaphthalene	Ave	1.175	1.148		48800	50000	-2.3	20.0
Diphenyl ether	Ave	0.8737	0.8508		48700	50000	-2.6	20.0
2-Nitroaniline	Ave	0.3728	0.3286		44100	50000	-11.9	20.0
Dimethylnaphthalene, total	Ave	1.041	1.031		49500	50000	-1.0	20.0
Dimethyl phthalate	Ave	1.067	1.015		47500	50000	-4.9	20.0
Coumarin	Ave	0.1897	0.1782		47000	50000	-6.0	20.0
2,6-Dinitrotoluene	Ave	0.2693	0.2564		47600	50000	-4.8	20.0
Acenaphthylene	Ave	1.718	1.679		48900	50000	-2.3	20.0
3-Nitroaniline	Ave	0.2655	0.2613		49200	50000	-1.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9753	0.9455		48500	50000	-3.0	20.0
Acenaphthene	Ave	1.098	1.078		49100	50000	-1.9	20.0
2,4-Dinitrophenol	QuaF	0.0845	0.0839	0.0500	45600	50000	-8.8	20.0
4-Nitrophenol	Ave	0.1683	0.1634	0.0500	48500	50000	-2.9	20.0
2,4-Dinitrotoluene	Ave	0.3128	0.3066		49000	50000	-2.0	20.0
Dibenzofuran	Ave	1.452	1.421		48900	50000	-2.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2436	0.2424		49800	50000	-0.5	20.0
Diethyl phthalate	Ave	0.9916	0.9767		49200	50000	-1.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.5506	0.5302		48100	50000	-3.7	20.0
Fluorene	Ave	1.143	1.119		48900	50000	-2.1	20.0
4-Nitroaniline	Ave	0.2324	0.2304		49600	50000	-0.9	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1128	0.1134		48100	50000	-3.7	20.0
N-Nitrosodiphenylamine	Ave	0.6473	0.6116		47200	50000	-5.5	20.0
1,2-Diphenylhydrazine	Ave	1.073	1.063		49500	50000	-0.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2626	0.2595		49400	50000	-1.2	20.0
Hexachlorobenzene	Ave	0.2731	0.2617		47900	50000	-4.2	20.0
Atrazine	Ave	0.1953	0.1921		49200	50000	-1.7	20.0
Pentachlorophenol	QuaF	0.1204	0.1139		45200	50000	-9.5	20.0
Pentachloronitrobenzene	Ave	0.0879	0.0848		48300	50000	-3.5	
n-Octadecane	Ave	0.6544	0.6396		48900	50000	-2.3	20.0
Phenanthrene	Ave	1.090	1.088		49900	50000	-0.2	20.0
Anthracene	Ave	1.112	1.101		49500	50000	-1.0	20.0
Carbazole	Ave	0.8902	0.8780		49300	50000	-1.4	20.0
Di-n-butyl phthalate	Ave	1.089	1.117		51300	50000	2.6	20.0
Fluoranthene	Ave	0.8861	0.9511		53700	50000	7.3	20.0
Benzidine	Ave	0.1252	0.0604		24100	50000	-51.7*	20.0
Pyrene	Ave	1.819	1.553		42700	50000	-14.6	20.0
Butyl benzyl phthalate	Ave	0.7286	0.7049		48400	50000	-3.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1519	0.1182		389	500	-22.2*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-151725/2 Calibration Date: 03/19/2013 01:32

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35503.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.3811	0.4985		56800	50000	13.5	20.0
3,3'-Dichlorobenzidine	Ave	0.3584	0.3281		45800	50000	-8.5	20.0
Benzo[a]anthracene	Ave	1.241	1.159		46700	50000	-6.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9176	0.9197		50100	50000	0.2	20.0
Chrysene	Ave	1.100	1.074		48800	50000	-2.4	20.0
Di-n-octyl phthalate	Ave	1.682	1.736		51600	50000	3.2	20.0
Benzo[b]fluoranthene	Ave	1.246	1.220		48900	50000	-2.1	20.0
Benzo[k]fluoranthene	Ave	1.251	1.248		49900	50000	-0.3	20.0
Benzo[a]pyrene	Ave	0.997	1.005		50400	50000	0.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.044	0.9452		45300	50000	-9.5	20.0
Dibenz(a,h)anthracene	QuaF	1.016	0.8973		47500	50000	-5.1	20.0
Benzo[g,h,i]perylene	Ave	1.008	0.8819		43700	50000	-12.5	20.0
2-Fluorophenol	Ave	1.356	1.212		44700	50000	-10.6	20.0
Phenol-d5	Ave	1.555	1.301		41800	50000	-16.3	20.0
Nitrobenzene-d5	Ave	0.4251	0.4145		48800	50000	-2.5	20.0
2-Fluorobiphenyl	Ave	1.357	1.350		49800	50000	-0.5	20.0
2,4,6-Tribromophenol	Ave	0.1663	0.1579		47500	50000	-5.1	20.0
Terphenyl-d14	Ave	1.266	1.098		43400	50000	-13.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152275/2 Calibration Date: 03/19/2013 13:31

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35525.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4965	0.5487		55200	50000	10.5	20.0
N-Nitrosodimethylamine	Ave	0.7617	0.8231		54000	50000	8.1	20.0
Pyridine	Ave	1.315	1.378		52400	50000	4.8	20.0
Benzaldehyde	Ave	0.4448	0.2476		27800	50000	-44.3*	20.0
Phenol	Ave	1.720	1.576		45800	50000	-8.4	20.0
Aniline	Ave	1.853	1.792		48300	50000	-3.3	20.0
Bis(2-chloroethyl)ether	Ave	1.425	1.308		45900	50000	-8.2	20.0
2-Chlorophenol	Ave	1.344	1.237		46000	50000	-7.9	20.0
Decane	Ave	1.538	1.660		54000	50000	8.0	20.0
1,3-Dichlorobenzene	Ave	1.577	1.559		49400	50000	-1.2	20.0
1,4-Dichlorobenzene	Ave	1.545	1.533		49600	50000	-0.7	20.0
Benzyl alcohol	Ave	0.8405	0.7349		43700	50000	-12.6	20.0
1,2-Dichlorobenzene	Ave	1.458	1.441		49400	50000	-1.1	20.0
2-Methylphenol	Ave	1.168	1.045		44800	50000	-10.5	20.0
bis (2-chloroisopropyl) ether	Ave	1.778	1.770		49800	50000	-0.4	20.0
Acetophenone	Ave	1.549	1.420		45800	50000	-8.4	20.0
3 & 4 Methylphenol	Ave	1.265	1.104		43600	50000	-12.8	20.0
4-Methylphenol	Ave	1.261	1.104		43800	50000	-12.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.8300	0.7630	0.0500	46000	50000	-8.1	20.0
Hexachloroethane	Ave	0.5868	0.5861		49900	50000	-0.1	20.0
n,n'-Dimethylaniline	Ave	1.768	1.677		47400	50000	-5.2	20.0
Nitrobenzene	Ave	0.5556	0.5483		49300	50000	-1.3	20.0
Isophorone	Ave	0.6625	0.6183		46700	50000	-6.7	20.0
2-Nitrophenol	Ave	0.2235	0.2128		47600	50000	-4.8	20.0
2,4-Dimethylphenol	Ave	0.3549	0.3205		45200	50000	-9.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.4378	0.4156		47500	50000	-5.1	20.0
Benzoic acid	QuaF	0.1390	0.1193		37700	50000	-24.7*	20.0
2,4-Dichlorophenol	Ave	0.3061	0.2759		45100	50000	-9.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3738	0.3541		47400	50000	-5.3	20.0
Naphthalene	QuaF	1.046	1.000		53100	50000	6.2	20.0
4-Chloroaniline	Ave	0.4028	0.3622		44900	50000	-10.1	20.0
Hexachlorobutadiene	Ave	0.2045	0.1979		48400	50000	-3.2	20.0
Caprolactam	Ave	0.0810	0.0708		43700	50000	-12.6	20.0
4-Chloro-3-methylphenol	Ave	0.2840	0.2531		44600	50000	-10.9	20.0
2-Methylnaphthalene	Ave	0.6880	0.6444		46800	50000	-6.3	20.0
1-Methylnaphthalene	Ave	0.6943	0.6566		47300	50000	-5.4	20.0
Hexachlorocyclopentadiene	Ave	0.3447	0.3575	0.0500	51900	50000	3.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5990	0.5906		49300	50000	-1.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4659	0.4231		45400	50000	-9.2	20.0
2,4,6-Trichlorophenol	Ave	0.3752	0.3471		46300	50000	-7.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152275/2 Calibration Date: 03/19/2013 13:31

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35525.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	0.3723	0.3496		46900	50000	-6.1	20.0
Diphenyl	Ave	1.534	1.543		50300	50000	0.6	20.0
2-Chloronaphthalene	Ave	1.175	1.158		49300	50000	-1.4	20.0
Diphenyl ether	Ave	0.8737	0.8605		49200	50000	-1.5	20.0
2-Nitroaniline	Ave	0.3728	0.3172		42500	50000	-14.9	20.0
Dimethylnaphthalene, total	Ave	1.041	1.037		49800	50000	-0.4	20.0
Dimethyl phthalate	Ave	1.067	1.015		47500	50000	-4.9	20.0
Coumarin	Ave	0.1897	0.1667		44000	50000	-12.1	20.0
2,6-Dinitrotoluene	Ave	0.2693	0.2509		46600	50000	-6.9	20.0
Acenaphthylene	Ave	1.718	1.668		48500	50000	-2.9	20.0
3-Nitroaniline	Ave	0.2655	0.2441		46000	50000	-8.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9753	1.000		51300	50000	2.5	20.0
Acenaphthene	Ave	1.098	1.057		48100	50000	-3.8	20.0
2,4-Dinitrophenol	QuaF	0.0845	0.0748	0.0500	41100	50000	-17.8	20.0
4-Nitrophenol	Ave	0.1683	0.1612	0.0500	47900	50000	-4.2	20.0
2,4-Dinitrotoluene	Ave	0.3128	0.2917		46600	50000	-6.7	20.0
Dibenzofuran	Ave	1.452	1.411		48600	50000	-2.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2436	0.2488		51100	50000	2.2	20.0
Diethyl phthalate	Ave	0.9916	0.9357		47200	50000	-5.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.5506	0.5194		47200	50000	-5.7	20.0
Fluorene	Ave	1.143	1.105		48300	50000	-3.4	20.0
4-Nitroaniline	Ave	0.2324	0.2080		44700	50000	-10.5	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1128	0.1030		44000	50000	-12.0	20.0
N-Nitrosodiphenylamine	Ave	0.6473	0.6058		46800	50000	-6.4	20.0
1,2-Diphenylhydrazine	Ave	1.073	1.136		53000	50000	5.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2626	0.2585		49200	50000	-1.6	20.0
Hexachlorobenzene	Ave	0.2731	0.2602		47600	50000	-4.7	20.0
Atrazine	Ave	0.1953	0.1878		48100	50000	-3.8	20.0
Pentachlorophenol	QuaF	0.1204	0.1240		48900	50000	-2.2	20.0
Pentachloronitrobenzene	Ave	0.0879	0.0832		47300	50000	-5.4	
n-Octadecane	Ave	0.6544	0.7055		53900	50000	7.8	20.0
Phenanthrene	Ave	1.090	1.074		49200	50000	-1.5	20.0
Anthracene	Ave	1.112	1.102		49600	50000	-0.9	20.0
Carbazole	Ave	0.8902	0.8558		48100	50000	-3.9	20.0
Di-n-butyl phthalate	Ave	1.089	1.048		48100	50000	-3.8	20.0
Fluoranthene	Ave	0.8861	0.8539		48200	50000	-3.6	20.0
Benzidine	Ave	0.1252	0.0348		13900	50000	-72.2*	20.0
Pyrene	Ave	1.819	1.630		44800	50000	-10.4	20.0
Butyl benzyl phthalate	Ave	0.7286	0.6758		46400	50000	-7.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1519	0.1427		469	500	-6.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152275/2 Calibration Date: 03/19/2013 13:31

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35525.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.3811	0.4713		54000	50000	7.9	20.0
3,3'-Dichlorobenzidine	Ave	0.3584	0.3274		45700	50000	-8.6	20.0
Benzo[a]anthracene	Ave	1.241	1.148		46200	50000	-7.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9176	0.8794		47900	50000	-4.2	20.0
Chrysene	Ave	1.100	1.100		50000	50000	-0.0	20.0
Di-n-octyl phthalate	Ave	1.682	1.556		46300	50000	-7.5	20.0
Benzo[b]fluoranthene	Ave	1.246	1.168		46900	50000	-6.3	20.0
Benzo[k]fluoranthene	Ave	1.251	1.218		48700	50000	-2.6	20.0
Benzo[a]pyrene	Ave	0.997	0.9853		49400	50000	-1.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.044	0.9839		47100	50000	-5.8	20.0
Dibenz(a,h)anthracene	QuaF	1.016	0.9692		51100	50000	2.1	20.0
Benzo[g,h,i]perylene	Ave	1.008	1.016		50400	50000	0.8	20.0
2-Fluorophenol	Ave	1.356	1.266		46700	50000	-6.6	20.0
Phenol-d5	Ave	1.555	1.417		45600	50000	-8.9	20.0
Nitrobenzene-d5	Ave	0.4251	0.4233		49800	50000	-0.4	20.0
2-Fluorobiphenyl	Ave	1.357	1.364		50300	50000	0.5	20.0
2,4,6-Tribromophenol	Ave	0.1663	0.1532		46100	50000	-7.9	20.0
Terphenyl-d14	Ave	1.266	1.157		45700	50000	-8.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152146/2 Calibration Date: 03/20/2013 02:34

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35554.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4965	0.4845		48800	50000	-2.4	20.0
N-Nitrosodimethylamine	Ave	0.7617	0.7480		49100	50000	-1.8	20.0
Pyridine	Ave	1.315	1.277		48600	50000	-2.9	20.0
Benzaldehyde	Ave	0.4448	0.3885		43700	50000	-12.7	20.0
Phenol	Ave	1.720	1.659		48200	50000	-3.5	20.0
Aniline	Ave	1.853	1.882		50800	50000	1.6	20.0
Bis(2-chloroethyl)ether	Ave	1.425	1.361		47700	50000	-4.5	20.0
2-Chlorophenol	Ave	1.344	1.288		47900	50000	-4.2	20.0
Decane	Ave	1.538	1.614		52500	50000	5.0	20.0
1,3-Dichlorobenzene	Ave	1.577	1.546		49000	50000	-2.0	20.0
1,4-Dichlorobenzene	Ave	1.545	1.517		49100	50000	-1.8	20.0
Benzyl alcohol	Ave	0.8405	0.7762		46200	50000	-7.7	20.0
1,2-Dichlorobenzene	Ave	1.458	1.457		50000	50000	-0.0	20.0
2-Methylphenol	Ave	1.168	1.086		46500	50000	-7.0	20.0
bis (2-chloroisopropyl) ether	Ave	1.778	1.800		50600	50000	1.2	20.0
Acetophenone	Ave	1.549	1.485		47900	50000	-4.1	20.0
N-Nitrosodi-n-propylamine	Ave	0.8300	0.7978	0.0500	48100	50000	-3.9	20.0
3 & 4 Methylphenol	Ave	1.265	1.174		46400	50000	-7.2	20.0
4-Methylphenol	Ave	1.261	1.174		46600	50000	-6.9	20.0
Hexachloroethane	Ave	0.5868	0.5931		50500	50000	1.1	20.0
n,n'-Dimethylaniline	Ave	1.768	1.734		49000	50000	-1.9	20.0
Nitrobenzene	Ave	0.5556	0.5849		52600	50000	5.3	20.0
Isophorone	Ave	0.6625	0.6659		50300	50000	0.5	20.0
2-Nitrophenol	Ave	0.2235	0.2286		51100	50000	2.3	20.0
2,4-Dimethylphenol	Ave	0.3549	0.3379		47600	50000	-4.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4378	0.4235		48400	50000	-3.3	20.0
Benzoic acid	QuaF	0.1390	0.1676		51800	50000	3.7	20.0
2,4-Dichlorophenol	Ave	0.3061	0.2832		46300	50000	-7.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3738	0.3553		47500	50000	-5.0	20.0
Naphthalene	QuaF	1.046	1.022		54500	50000	9.1	20.0
4-Chloroaniline	Ave	0.4028	0.3715		46100	50000	-7.8	20.0
Hexachlorobutadiene	Ave	0.2045	0.1944		47500	50000	-4.9	20.0
Caprolactam	Ave	0.0810	0.0752		46400	50000	-7.2	20.0
4-Chloro-3-methylphenol	Ave	0.2840	0.2556		45000	50000	-10.0	20.0
2-Methylnaphthalene	Ave	0.6880	0.6512		47300	50000	-5.3	20.0
1-Methylnaphthalene	Ave	0.6943	0.6533		47000	50000	-5.9	20.0
Hexachlorocyclopentadiene	Ave	0.3447	0.3416	0.0500	49600	50000	-0.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5990	0.6035		50400	50000	0.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.4659	0.4229		45400	50000	-9.2	20.0
2,4,6-Trichlorophenol	Ave	0.3752	0.3517		46900	50000	-6.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152146/2 Calibration Date: 03/20/2013 02:34

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35554.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	0.3723	0.3540		47500	50000	-4.9	20.0
Diphenyl	Ave	1.534	1.556		50700	50000	1.4	20.0
2-Chloronaphthalene	Ave	1.175	1.186		50500	50000	1.0	20.0
Diphenyl ether	Ave	0.8737	0.8772		50200	50000	0.4	20.0
2-Nitroaniline	Ave	0.3728	0.3327		44600	50000	-10.8	20.0
Dimethylnaphthalene, total	Ave	1.041	1.051		50400	50000	0.9	20.0
Dimethyl phthalate	Ave	1.067	1.000		46900	50000	-6.3	20.0
Coumarin	Ave	0.1897	0.1600		42200	50000	-15.7	20.0
2,6-Dinitrotoluene	Ave	0.2693	0.2482		46100	50000	-7.8	20.0
Acenaphthylene	Ave	1.718	1.685		49000	50000	-1.9	20.0
3-Nitroaniline	Ave	0.2655	0.2344		44100	50000	-11.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9753	0.9547		48900	50000	-2.1	20.0
Acenaphthene	Ave	1.098	1.064		48400	50000	-3.2	20.0
2,4-Dinitrophenol	QuaF	0.0845	0.0862	0.0500	46700	50000	-6.6	20.0
4-Nitrophenol	Ave	0.1683	0.1506	0.0500	44700	50000	-10.5	20.0
2,4-Dinitrotoluene	Ave	0.3128	0.2695		43100	50000	-13.8	20.0
Dibenzofuran	Ave	1.452	1.402		48300	50000	-3.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2436	0.2321		47600	50000	-4.7	20.0
Diethyl phthalate	Ave	0.9916	0.8952		45100	50000	-9.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5506	0.5242		47600	50000	-4.8	20.0
Fluorene	Ave	1.143	1.088		47600	50000	-4.8	20.0
4-Nitroaniline	Ave	0.2324	0.1980		42600	50000	-14.8	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1128	0.1097		46700	50000	-6.6	20.0
N-Nitrosodiphenylamine	Ave	0.6473	0.6120		47300	50000	-5.5	20.0
1,2-Diphenylhydrazine	Ave	1.073	1.189		55400	50000	10.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2626	0.2616		49800	50000	-0.4	20.0
Hexachlorobenzene	Ave	0.2731	0.2626		48100	50000	-3.8	20.0
Atrazine	Ave	0.1953	0.1793		45900	50000	-8.2	20.0
Pentachlorophenol	QuaF	0.1204	0.1222		48200	50000	-3.5	20.0
Pentachloronitrobenzene	Ave	0.0879	0.0797		45300	50000	-9.3	
n-Octadecane	Ave	0.6544	0.7275		55600	50000	11.2	20.0
Phenanthrene	Ave	1.090	1.084		49700	50000	-0.6	20.0
Anthracene	Ave	1.112	1.098		49400	50000	-1.3	20.0
Carbazole	Ave	0.8902	0.8365		47000	50000	-6.0	20.0
Di-n-butyl phthalate	Ave	1.089	1.008		46300	50000	-7.4	20.0
Fluoranthene	Ave	0.8861	0.8186		46200	50000	-7.6	20.0
Benzidine	Ave	0.1252	0.0486		19400	50000	-61.1*	20.0
Pyrene	Ave	1.819	1.612		44300	50000	-11.4	20.0
Butyl benzyl phthalate	Ave	0.7286	0.6616		45400	50000	-9.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1519	0.1938		638	500	27.5*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152146/2 Calibration Date: 03/20/2013 02:34

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35554.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.3811	0.5159		58500	50000	17.1	20.0
3,3'-Dichlorobenzidine	Ave	0.3584	0.3395		47400	50000	-5.3	20.0
Benzo[a]anthracene	Ave	1.241	1.173		47200	50000	-5.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9176	0.8521		46400	50000	-7.1	20.0
Chrysene	Ave	1.100	1.082		49200	50000	-1.7	20.0
Di-n-octyl phthalate	Ave	1.682	1.618		48100	50000	-3.8	20.0
Benzo[b]fluoranthene	Ave	1.246	1.146		46000	50000	-8.0	20.0
Benzo[k]fluoranthene	Ave	1.251	1.265		50600	50000	1.1	20.0
Benzo[a]pyrene	Ave	0.997	0.9909		49700	50000	-0.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.044	0.8973		43000	50000	-14.0	20.0
Dibenz(a,h)anthracene	QuaF	1.016	0.9099		48100	50000	-3.8	20.0
Benzo[g,h,i]perylene	Ave	1.008	0.9586		47500	50000	-4.9	20.0
2-Fluorophenol	Ave	1.356	1.281		47200	50000	-5.6	20.0
Phenol-d5	Ave	1.555	1.476		47500	50000	-5.0	20.0
Nitrobenzene-d5	Ave	0.4251	0.4488		52800	50000	5.6	20.0
2-Fluorobiphenyl	Ave	1.357	1.391		51300	50000	2.5	20.0
2,4,6-Tribromophenol	Ave	0.1663	0.1470		44200	50000	-11.6	20.0
Terphenyl-d14	Ave	1.266	1.117		44100	50000	-11.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152148/2 Calibration Date: 03/20/2013 16:05

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35579.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4965	0.5094		51300	50000	2.6	20.0
N-Nitrosodimethylamine	Ave	0.7617	0.7731		50700	50000	1.5	20.0
Pyridine	Ave	1.315	1.319		50200	50000	0.3	20.0
Benzaldehyde	Ave	0.4448	0.1892		21300	50000	-57.5*	20.0
Phenol	Ave	1.720	1.682		48900	50000	-2.2	20.0
Aniline	Ave	1.853	1.872		50500	50000	1.0	20.0
Bis(2-chloroethyl)ether	Ave	1.425	1.322		46400	50000	-7.3	20.0
2-Chlorophenol	Ave	1.344	1.273		47400	50000	-5.3	20.0
Decane	Ave	1.538	1.588		51700	50000	3.3	20.0
1,3-Dichlorobenzene	Ave	1.577	1.548		49100	50000	-1.9	20.0
1,4-Dichlorobenzene	Ave	1.545	1.516		49100	50000	-1.8	20.0
Benzyl alcohol	Ave	0.8405	0.8064		48000	50000	-4.1	20.0
1,2-Dichlorobenzene	Ave	1.458	1.419		48700	50000	-2.7	20.0
2-Methylphenol	Ave	1.168	1.130		48400	50000	-3.3	20.0
bis (2-chloroisopropyl) ether	Ave	1.778	1.773		49900	50000	-0.3	20.0
Acetophenone	Ave	1.549	1.551		50100	50000	0.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.8300	0.8428	0.0500	50800	50000	1.5	20.0
3 & 4 Methylphenol	Ave	1.265	1.213		47900	50000	-4.2	20.0
4-Methylphenol	Ave	1.261	1.213		48100	50000	-3.8	20.0
Hexachloroethane	Ave	0.5868	0.5771		49200	50000	-1.6	20.0
n,n'-Dimethylaniline	Ave	1.768	1.774		50200	50000	0.3	20.0
Nitrobenzene	Ave	0.5556	0.5494		49400	50000	-1.1	20.0
Isophorone	Ave	0.6625	0.6540		49400	50000	-1.3	20.0
2-Nitrophenol	Ave	0.2235	0.2170		48600	50000	-2.9	20.0
2,4-Dimethylphenol	Ave	0.3549	0.3298		46500	50000	-7.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4378	0.4249		48500	50000	-2.9	20.0
Benzoic acid	QuaF	0.1390	0.1435		44800	50000	-10.3	20.0
2,4-Dichlorophenol	Ave	0.3061	0.2886		47100	50000	-5.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3738	0.3448		46100	50000	-7.8	20.0
Naphthalene	QuaF	1.046	1.012		53900	50000	7.7	20.0
4-Chloroaniline	Ave	0.4028	0.3974		49300	50000	-1.4	20.0
Hexachlorobutadiene	Ave	0.2045	0.1903		46500	50000	-7.0	20.0
Caprolactam	Ave	0.0810	0.0872		53800	50000	7.7	20.0
4-Chloro-3-methylphenol	Ave	0.2840	0.2811		49500	50000	-1.0	20.0
2-Methylnaphthalene	Ave	0.6880	0.6711		48800	50000	-2.5	20.0
1-Methylnaphthalene	Ave	0.6943	0.6805		49000	50000	-2.0	20.0
Hexachlorocyclopentadiene	Ave	0.3447	0.3094	0.0500	44900	50000	-10.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5990	0.5483		45800	50000	-8.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4659	0.4555		48900	50000	-2.2	20.0
2,4,6-Trichlorophenol	Ave	0.3752	0.3476		46300	50000	-7.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152148/2 Calibration Date: 03/20/2013 16:05

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35579.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	0.3723	0.3572		48000	50000	-4.1	20.0
Diphenyl	Ave	1.534	1.460		47600	50000	-4.8	20.0
2-Chloronaphthalene	Ave	1.175	1.107		47100	50000	-5.8	20.0
Diphenyl ether	Ave	0.8737	0.8395		48000	50000	-3.9	20.0
2-Nitroaniline	Ave	0.3728	0.3237		43400	50000	-13.2	20.0
Dimethylnaphthalene, total	Ave	1.041	1.006		48300	50000	-3.4	20.0
Dimethyl phthalate	Ave	1.067	1.051		49200	50000	-1.5	20.0
Coumarin	Ave	0.1897	0.2061		54300	50000	8.6	20.0
2,6-Dinitrotoluene	Ave	0.2693	0.2699		50100	50000	0.2	20.0
Acenaphthylene	Ave	1.718	1.633		47500	50000	-5.0	20.0
3-Nitroaniline	Ave	0.2655	0.2739		51600	50000	3.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9753	0.9548		48900	50000	-2.1	20.0
Acenaphthene	Ave	1.098	1.051		47800	50000	-4.3	20.0
2,4-Dinitrophenol	QuaF	0.0845	0.1104	0.0500	57900	50000	15.9	20.0
4-Nitrophenol	Ave	0.1683	0.1890	0.0500	56200	50000	12.3	20.0
2,4-Dinitrotoluene	Ave	0.3128	0.3159		50500	50000	1.0	20.0
Dibenzofuran	Ave	1.452	1.409		48500	50000	-3.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2436	0.2582		53000	50000	6.0	20.0
Diethyl phthalate	Ave	0.9916	0.9820		49500	50000	-1.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5506	0.5337		48500	50000	-3.1	20.0
Fluorene	Ave	1.143	1.123		49100	50000	-1.8	20.0
4-Nitroaniline	Ave	0.2324	0.2492		53600	50000	7.2	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1128	0.1294		54300	50000	8.6	20.0
N-Nitrosodiphenylamine	Ave	0.6473	0.6285		48500	50000	-2.9	20.0
1,2-Diphenylhydrazine	Ave	1.073	1.073		50000	50000	-0.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2626	0.2564		48800	50000	-2.4	20.0
Hexachlorobenzene	Ave	0.2731	0.2643		48400	50000	-3.2	20.0
Atrazine	Ave	0.1953	0.2039		52200	50000	4.4	20.0
Pentachlorophenol	QuaF	0.1204	0.1328		52100	50000	4.1	20.0
Pentachloronitrobenzene	Ave	0.0879	0.0878		50000	50000	-0.0	
n-Octadecane	Ave	0.6544	0.6583		50300	50000	0.6	20.0
Phenanthrene	Ave	1.090	1.064		48800	50000	-2.4	20.0
Anthracene	Ave	1.112	1.099		49400	50000	-1.2	20.0
Carbazole	Ave	0.8902	0.9096		51100	50000	2.2	20.0
Di-n-butyl phthalate	Ave	1.089	1.144		52500	50000	5.0	20.0
Fluoranthene	Ave	0.8861	0.9245		52200	50000	4.3	20.0
Benzidine	Ave	0.1252	0.0390		15600	50000	-68.8*	20.0
Pyrene	Ave	1.819	1.724		47400	50000	-5.2	20.0
Butyl benzyl phthalate	Ave	0.7286	0.7373		50600	50000	1.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1519	0.1863		613	500	22.6*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152148/2 Calibration Date: 03/20/2013 16:05

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35579.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.3811	0.3911		45500	50000	-8.9	20.0
3,3'-Dichlorobenzidine	Ave	0.3584	0.3191		44500	50000	-11.0	20.0
Benzo[a]anthracene	Ave	1.241	1.163		46800	50000	-6.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9176	0.9441		51400	50000	2.9	20.0
Chrysene	Ave	1.100	1.069		48600	50000	-2.8	20.0
Di-n-octyl phthalate	Ave	1.682	1.883		56000	50000	12.0	20.0
Benzo[b]fluoranthene	Ave	1.246	1.277		51200	50000	2.5	20.0
Benzo[k]fluoranthene	Ave	1.251	1.340		53600	50000	7.2	20.0
Benzo[a]pyrene	Ave	0.997	1.024		51300	50000	2.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.044	1.079		51700	50000	3.3	20.0
Dibenz(a,h)anthracene	QuaF	1.016	0.9008		47600	50000	-4.7	20.0
Benzo[g,h,i]perylene	Ave	1.008	0.9366		46500	50000	-7.1	20.0
2-Fluorophenol	Ave	1.356	1.296		47800	50000	-4.4	20.0
Phenol-d5	Ave	1.555	1.497		48100	50000	-3.7	20.0
Nitrobenzene-d5	Ave	0.4251	0.4178		49100	50000	-1.7	20.0
2-Fluorobiphenyl	Ave	1.357	1.288		47500	50000	-5.0	20.0
2,4,6-Tribromophenol	Ave	0.1663	0.1645		49400	50000	-1.1	20.0
Terphenyl-d14	Ave	1.266	1.241		49000	50000	-2.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152178/2 Calibration Date: 03/21/2013 05:10

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35607.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4965	0.5666		57100	50000	14.1	20.0
N-Nitrosodimethylamine	Ave	0.7617	0.8500		55800	50000	11.6	20.0
Pyridine	Ave	1.315	1.388		52800	50000	5.6	20.0
Benzaldehyde	Ave	0.4448	0.3499		39300	50000	-21.4*	20.0
Phenol	Ave	1.720	1.699		49400	50000	-1.2	20.0
Aniline	Ave	1.853	1.898		51200	50000	2.4	20.0
Bis(2-chloroethyl)ether	Ave	1.425	1.389		48700	50000	-2.5	20.0
2-Chlorophenol	Ave	1.344	1.312		48800	50000	-2.3	20.0
Decane	Ave	1.538	1.508		49000	50000	-1.9	20.0
1,3-Dichlorobenzene	Ave	1.577	1.538		48700	50000	-2.5	20.0
1,4-Dichlorobenzene	Ave	1.545	1.498		48500	50000	-3.1	20.0
Benzyl alcohol	Ave	0.8405	0.8206		48800	50000	-2.4	20.0
1,2-Dichlorobenzene	Ave	1.458	1.350		46300	50000	-7.4	20.0
2-Methylphenol	Ave	1.168	1.082		46300	50000	-7.4	20.0
bis (2-chloroisopropyl) ether	Ave	1.778	1.739		48900	50000	-2.2	20.0
Acetophenone	Ave	1.549	1.454		46900	50000	-6.1	20.0
N-Nitrosodi-n-propylamine	Ave	0.8300	0.8122	0.0500	48900	50000	-2.1	20.0
3 & 4 Methylphenol	Ave	1.265	1.155		45600	50000	-8.7	20.0
4-Methylphenol	Ave	1.261	1.155		45800	50000	-8.4	20.0
Hexachloroethane	Ave	0.5868	0.5497		46800	50000	-6.3	20.0
Nitrobenzene	Ave	0.5556	0.5314		47800	50000	-4.4	20.0
n,n'-Dimethylaniline	Ave	1.768	1.663		47000	50000	-6.0	20.0
Isophorone	Ave	0.6625	0.6416		48400	50000	-3.2	20.0
2-Nitrophenol	Ave	0.2235	0.2190		49000	50000	-2.0	20.0
2,4-Dimethylphenol	Ave	0.3549	0.3340		47100	50000	-5.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.4378	0.4320		49300	50000	-1.3	20.0
Benzoic acid	QuaF	0.1390	0.1630		50500	50000	1.0	20.0
2,4-Dichlorophenol	Ave	0.3061	0.2917		47600	50000	-4.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3738	0.3572		47800	50000	-4.4	20.0
Naphthalene	QuaF	1.046	0.9680		50900	50000	1.9	20.0
4-Chloroaniline	Ave	0.4028	0.3791		47100	50000	-5.9	20.0
Hexachlorobutadiene	Ave	0.2045	0.1895		46300	50000	-7.3	20.0
Caprolactam	Ave	0.0810	0.0785		48400	50000	-3.2	20.0
4-Chloro-3-methylphenol	Ave	0.2840	0.2717		47800	50000	-4.4	20.0
2-Methylnaphthalene	Ave	0.6880	0.6527		47400	50000	-5.1	20.0
1-Methylnaphthalene	Ave	0.6943	0.6555		47200	50000	-5.6	20.0
Hexachlorocyclopentadiene	Ave	0.3447	0.3291	0.0500	47700	50000	-4.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5990	0.5797		48400	50000	-3.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4659	0.4413		47400	50000	-5.3	20.0
2,4,6-Trichlorophenol	Ave	0.3752	0.3635		48400	50000	-3.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152178/2 Calibration Date: 03/21/2013 05:10

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35607.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	0.3723	0.3704		49700	50000	-0.5	20.0
Diphenyl	Ave	1.534	1.467		47800	50000	-4.3	20.0
2-Chloronaphthalene	Ave	1.175	1.129		48000	50000	-3.9	20.0
Diphenyl ether	Ave	0.8737	0.8612		49300	50000	-1.4	20.0
2-Nitroaniline	Ave	0.3728	0.3182		42700	50000	-14.6	20.0
Dimethylnaphthalene, total	Ave	1.041	1.025		49200	50000	-1.6	20.0
Dimethyl phthalate	Ave	1.067	1.046		49000	50000	-2.0	20.0
Coumarin	Ave	0.1897	0.1797		47400	50000	-5.3	20.0
2,6-Dinitrotoluene	Ave	0.2693	0.2556		47400	50000	-5.1	20.0
Acenaphthylene	Ave	1.718	1.599		46500	50000	-6.9	20.0
3-Nitroaniline	Ave	0.2655	0.2395		45100	50000	-9.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9753	0.9175		47000	50000	-5.9	20.0
Acenaphthene	Ave	1.098	1.026		46700	50000	-6.6	20.0
2,4-Dinitrophenol	QuaF	0.0845	0.0939	0.0500	50300	50000	0.7	20.0
4-Nitrophenol	Ave	0.1683	0.1553	0.0500	46100	50000	-7.7	20.0
2,4-Dinitrotoluene	Ave	0.3128	0.2676		42800	50000	-14.4	20.0
Dibenzofuran	Ave	1.452	1.302		44800	50000	-10.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2436	0.2367		48600	50000	-2.8	20.0
Diethyl phthalate	Ave	0.9916	0.8690		43800	50000	-12.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.5506	0.4845		44000	50000	-12.0	20.0
Fluorene	Ave	1.143	1.021		44700	50000	-10.7	20.0
4-Nitroaniline	Ave	0.2324	0.1839		39600	50000	-20.9*	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1128	0.1171		49600	50000	-0.8	20.0
N-Nitrosodiphenylamine	Ave	0.6473	0.6331		48900	50000	-2.2	20.0
1,2-Diphenylhydrazine	Ave	1.073	1.137		53000	50000	6.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2626	0.2624		50000	50000	-0.0	20.0
Hexachlorobenzene	Ave	0.2731	0.2721		49800	50000	-0.4	20.0
Atrazine	Ave	0.1953	0.1887		48300	50000	-3.4	20.0
Pentachlorophenol	QuaF	0.1204	0.1324		51900	50000	3.8	20.0
Pentachloronitrobenzene	Ave	0.0879	0.0866		49200	50000	-1.5	
n-Octadecane	Ave	0.6544	0.7234		55300	50000	10.5	20.0
Phenanthrene	Ave	1.090	1.057		48500	50000	-3.0	20.0
Anthracene	Ave	1.112	1.079		48500	50000	-3.0	20.0
Carbazole	Ave	0.8902	0.8249		46300	50000	-7.3	20.0
Di-n-butyl phthalate	Ave	1.089	1.017		46700	50000	-6.6	20.0
Fluoranthene	Ave	0.8861	0.8067		45500	50000	-9.0	20.0
Benzidine	Ave	0.1252	0.0227		9060	50000	-81.9*	20.0
Pyrene	Ave	1.819	1.802		49500	50000	-0.9	20.0
Butyl benzyl phthalate	Ave	0.7286	0.7189		49300	50000	-1.3	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1519	0.1999		658	500	31.6*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152178/2 Calibration Date: 03/21/2013 05:10

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35607.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.3811	0.4215		48800	50000	-2.5	20.0
3,3'-Dichlorobenzidine	Ave	0.3584	0.3059		42700	50000	-14.7	20.0
Benzo[a]anthracene	Ave	1.241	1.168		47000	50000	-5.9	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9176	0.9103		49600	50000	-0.8	20.0
Chrysene	Ave	1.100	1.093		49700	50000	-0.7	20.0
Di-n-octyl phthalate	Ave	1.682	1.650		49100	50000	-1.9	20.0
Benzo[b]fluoranthene	Ave	1.246	1.173		47100	50000	-5.9	20.0
Benzo[k]fluoranthene	Ave	1.251	1.251		50000	50000	0.0	20.0
Benzo[a]pyrene	Ave	0.997	0.9812		49200	50000	-1.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.044	1.109		53100	50000	6.2	20.0
Dibenz(a,h)anthracene	QuaF	1.016	0.8854		46900	50000	-6.3	20.0
Benzo[g,h,i]perylene	Ave	1.008	0.9396		46600	50000	-6.8	20.0
2-Fluorophenol	Ave	1.356	1.306		48100	50000	-3.7	20.0
Phenol-d5	Ave	1.555	1.542		49600	50000	-0.8	20.0
Nitrobenzene-d5	Ave	0.4251	0.4142		48700	50000	-2.6	20.0
2-Fluorobiphenyl	Ave	1.357	1.367		50400	50000	0.8	20.0
2,4,6-Tribromophenol	Ave	0.1663	0.1464		44000	50000	-11.9	20.0
Terphenyl-d14	Ave	1.266	1.268		50100	50000	0.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152346/2 Calibration Date: 03/21/2013 18:10

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35635.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4965	0.5590		56300	50000	12.6	20.0
N-Nitrosodimethylamine	Ave	0.7617	0.8977		58900	50000	17.9	20.0
Pyridine	Ave	1.315	1.419		54000	50000	8.0	20.0
Benzaldehyde	Ave	0.4448	0.3988		44800	50000	-10.3	20.0
Phenol	Ave	1.720	1.691		49200	50000	-1.7	20.0
Aniline	Ave	1.853	1.867		50400	50000	0.7	20.0
Bis(2-chloroethyl)ether	Ave	1.425	1.422		49900	50000	-0.2	20.0
2-Chlorophenol	Ave	1.344	1.304		48500	50000	-3.0	20.0
Decane	Ave	1.538	1.546		50300	50000	0.6	20.0
1,3-Dichlorobenzene	Ave	1.577	1.527		48400	50000	-3.2	20.0
1,4-Dichlorobenzene	Ave	1.545	1.484		48000	50000	-3.9	20.0
Benzyl alcohol	Ave	0.8405	0.7659		45600	50000	-8.9	20.0
1,2-Dichlorobenzene	Ave	1.458	1.403		48100	50000	-3.8	20.0
2-Methylphenol	Ave	1.168	1.078		46200	50000	-7.7	20.0
bis (2-chloroisopropyl) ether	Ave	1.778	1.798		50600	50000	1.1	20.0
Acetophenone	Ave	1.549	1.545		49900	50000	-0.3	20.0
N-Nitrosodi-n-propylamine	Ave	0.8300	0.7104	0.0500	42800	50000	-14.4	20.0
3 & 4 Methylphenol	Ave	1.265	1.034		40800	50000	-18.3	20.0
4-Methylphenol	Ave	1.261	1.044		41400	50000	-17.2	20.0
Hexachloroethane	Ave	0.5868	0.5764		49100	50000	-1.8	20.0
n,n'-Dimethylaniline	Ave	1.768	1.703		48200	50000	-3.7	20.0
Nitrobenzene	Ave	0.5556	0.5718		51500	50000	2.9	20.0
Isophorone	Ave	0.6625	0.6771		51100	50000	2.2	20.0
2-Nitrophenol	Ave	0.2235	0.2254		50400	50000	0.9	20.0
2,4-Dimethylphenol	Ave	0.3549	0.3269		46100	50000	-7.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.4378	0.4412		50400	50000	0.8	20.0
Benzoic acid	QuaF	0.1390	0.1277		40200	50000	-19.6	20.0
2,4-Dichlorophenol	Ave	0.3061	0.2982		48700	50000	-2.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3738	0.3588		48000	50000	-4.0	20.0
Naphthalene	QuaF	1.046	0.9667		50800	50000	1.7	20.0
4-Chloroaniline	Ave	0.4028	0.3722		46200	50000	-7.6	20.0
Hexachlorobutadiene	Ave	0.2045	0.1965		48000	50000	-3.9	20.0
Caprolactam	Ave	0.0810	0.0746		46100	50000	-7.9	20.0
4-Chloro-3-methylphenol	Ave	0.2840	0.2670		47000	50000	-6.0	20.0
2-Methylnaphthalene	Ave	0.6880	0.6614		48100	50000	-3.9	20.0
1-Methylnaphthalene	Ave	0.6943	0.6635		47800	50000	-4.4	20.0
Hexachlorocyclopentadiene	Ave	0.3447	0.3358	0.0500	48700	50000	-2.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5990	0.5897		49200	50000	-1.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4659	0.4343		46600	50000	-6.8	20.0
2,4,6-Trichlorophenol	Ave	0.3752	0.3634		48400	50000	-3.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152346/2 Calibration Date: 03/21/2013 18:10

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35635.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	0.3723	0.3612		48500	50000	-3.0	20.0
Diphenyl	Ave	1.534	1.477		48100	50000	-3.7	20.0
2-Chloronaphthalene	Ave	1.175	1.164		49500	50000	-0.9	20.0
Diphenyl ether	Ave	0.8737	0.8704		49800	50000	-0.4	20.0
2-Nitroaniline	Ave	0.3728	0.3485		46700	50000	-6.5	20.0
Dimethylnaphthalene, total	Ave	1.041	1.034		49600	50000	-0.7	20.0
Dimethyl phthalate	Ave	1.067	1.035		48500	50000	-3.0	20.0
Coumarin	Ave	0.1897	0.1796		47300	50000	-5.3	20.0
2,6-Dinitrotoluene	Ave	0.2693	0.2637		49000	50000	-2.1	20.0
Acenaphthylene	Ave	1.718	1.611		46900	50000	-6.2	20.0
3-Nitroaniline	Ave	0.2655	0.2468		46500	50000	-7.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9753	0.9413		48300	50000	-3.5	20.0
Acenaphthene	Ave	1.098	1.043		47500	50000	-5.1	20.0
2,4-Dinitrophenol	QuaF	0.0845	0.1019	0.0500	54100	50000	8.2	20.0
4-Nitrophenol	Ave	0.1683	0.1501	0.0500	44600	50000	-10.8	20.0
2,4-Dinitrotoluene	Ave	0.3128	0.2937		46900	50000	-6.1	20.0
Dibenzofuran	Ave	1.452	1.365		47000	50000	-6.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2436	0.2446		50200	50000	0.4	20.0
Diethyl phthalate	Ave	0.9916	0.9508		47900	50000	-4.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.5506	0.5220		47400	50000	-5.2	20.0
Fluorene	Ave	1.143	1.089		47600	50000	-4.7	20.0
4-Nitroaniline	Ave	0.2324	0.2096		45100	50000	-9.8	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1128	0.1232		51900	50000	3.9	20.0
N-Nitrosodiphenylamine	Ave	0.6473	0.6544		50600	50000	1.1	20.0
1,2-Diphenylhydrazine	Ave	1.073	1.134		52800	50000	5.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2626	0.2628		50000	50000	0.0	20.0
Hexachlorobenzene	Ave	0.2731	0.2624		48000	50000	-3.9	20.0
Atrazine	Ave	0.1953	0.1883		48200	50000	-3.6	20.0
Pentachlorophenol	QuaF	0.1204	0.1254		49400	50000	-1.2	20.0
Pentachloronitrobenzene	Ave	0.0879	0.0830		47200	50000	-5.6	
n-Octadecane	Ave	0.6544	0.7014		53600	50000	7.2	20.0
Phenanthrene	Ave	1.090	1.067		48900	50000	-2.1	20.0
Anthracene	Ave	1.112	1.071		48100	50000	-3.7	20.0
Carbazole	Ave	0.8902	0.8253		46400	50000	-7.3	20.0
Di-n-butyl phthalate	Ave	1.089	1.007		46300	50000	-7.5	20.0
Fluoranthene	Ave	0.8861	0.8098		45700	50000	-8.6	20.0
Benzidine	Ave	0.1252	0.0352		14000	50000	-71.9*	20.0
Pyrene	Ave	1.819	1.727		47500	50000	-5.0	20.0
Butyl benzyl phthalate	Ave	0.7286	0.7100		48700	50000	-2.5	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1519	0.1947		641	500	28.2*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152346/2 Calibration Date: 03/21/2013 18:10

Instrument ID: BNAMS10 Calib Start Date: 03/17/2013 20:02

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2013 22:36

Lab File ID: p35635.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.3811	0.4102		47600	50000	-4.9	20.0
3,3'-Dichlorobenzidine	Ave	0.3584	0.3016		42100	50000	-15.9	20.0
Benzo[a]anthracene	Ave	1.241	1.146		46200	50000	-7.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9176	0.9002		49100	50000	-1.9	20.0
Chrysene	Ave	1.100	1.052		47800	50000	-4.4	20.0
Di-n-octyl phthalate	Ave	1.682	1.704		50700	50000	1.3	20.0
Benzo[b]fluoranthene	Ave	1.246	1.189		47700	50000	-4.6	20.0
Benzo[k]fluoranthene	Ave	1.251	1.219		48700	50000	-2.5	20.0
Benzo[a]pyrene	Ave	0.997	0.9665		48400	50000	-3.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.044	1.154		55300	50000	10.5	20.0
Dibenz(a,h)anthracene	QuaF	1.016	0.9271		49000	50000	-2.1	20.0
Benzo[g,h,i]perylene	Ave	1.008	0.997		49500	50000	-1.1	20.0
2-Fluorophenol	Ave	1.356	1.314		48400	50000	-3.1	20.0
Phenol-d5	Ave	1.555	1.541		49600	50000	-0.9	20.0
Nitrobenzene-d5	Ave	0.4251	0.4506		53000	50000	6.0	20.0
2-Fluorobiphenyl	Ave	1.357	1.341		49400	50000	-1.2	20.0
2,4,6-Tribromophenol	Ave	0.1663	0.1439		43300	50000	-13.5	20.0
Terphenyl-d14	Ave	1.266	1.206		47600	50000	-4.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152320/2 Calibration Date: 03/22/2013 00:48

Instrument ID: BNAMS11 Calib Start Date: 03/21/2013 12:28

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2013 14:51

Lab File ID: z20025.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	QuaF	0.3715	0.4072		55100	50000	10.2	20.0
N-Nitrosodimethylamine	Ave	0.9156	0.9259		50600	50000	1.1	20.0
Pyridine	Ave	1.604	1.613		50300	50000	0.6	20.0
Benzaldehyde	Ave	0.4726	0.2241		23700	50000	-52.6*	20.0
Phenol	Ave	1.799	1.772		49200	50000	-1.5	20.0
Aniline	Ave	2.001	1.991		49700	50000	-0.5	20.0
Bis(2-chloroethyl)ether	QuaF	1.586	1.494		50400	50000	0.7	20.0
2-Chlorophenol	Ave	1.440	1.400		48600	50000	-2.8	20.0
Decane	Ave	1.786	1.727		48300	50000	-3.3	20.0
1,3-Dichlorobenzene	Ave	1.660	1.699		51200	50000	2.3	20.0
1,4-Dichlorobenzene	Ave	1.699	1.722		50700	50000	1.4	20.0
Benzyl alcohol	Ave	0.8330	0.6160		37000	50000	-26.0*	20.0
1,2-Dichlorobenzene	Ave	1.549	1.579		51000	50000	2.0	20.0
2-Methylphenol	Ave	1.181	1.213		51300	50000	2.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.014	1.923		47700	50000	-4.5	20.0
Acetophenone	Ave	1.858	1.898		51100	50000	2.1	20.0
3 & 4 Methylphenol	Ave	1.269	1.182		46600	50000	-6.8	20.0
4-Methylphenol	Ave	1.276	1.181		46300	50000	-7.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.9407	0.9064	0.0500	48200	50000	-3.6	20.0
Hexachloroethane	Ave	0.6973	0.6977		50000	50000	0.0	20.0
n,n'-Dimethylaniline	Ave	2.051	2.181		53200	50000	6.3	20.0
Nitrobenzene	Ave	0.5916	0.6001		50700	50000	1.4	20.0
Isophorone	Ave	0.6239	0.6350		50900	50000	1.8	20.0
2-Nitrophenol	Ave	0.1932	0.1907		49400	50000	-1.3	20.0
2,4-Dimethylphenol	Ave	0.3014	0.2629		43600	50000	-12.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3974	0.4093		51500	50000	3.0	20.0
Benzoic acid	Ave	0.1251	0.1166		46600	50000	-6.8	20.0
2,4-Dichlorophenol	Ave	0.2664	0.2539		47600	50000	-4.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3333	0.3252		48800	50000	-2.4	20.0
Naphthalene	Ave	1.087	1.075		49500	50000	-1.1	20.0
4-Chloroaniline	Ave	0.3612	0.3542		49000	50000	-1.9	20.0
Hexachlorobutadiene	Ave	0.2130	0.2087		49000	50000	-2.0	20.0
Caprolactam	Ave	0.0627	0.0732		58300	50000	16.7	20.0
4-Chloro-3-methylphenol	Ave	0.2637	0.2335		44300	50000	-11.5	20.0
2-Methylnaphthalene	Ave	0.6290	0.6215		49400	50000	-1.2	20.0
1-Methylnaphthalene	Ave	0.6302	0.6297		50000	50000	-0.0	20.0
Hexachlorocyclopentadiene	Ave	0.4665	0.4490	0.0500	48100	50000	-3.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6930	0.6826		49300	50000	-1.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4169	0.4075		48900	50000	-2.3	20.0
2,4,6-Trichlorophenol	Ave	0.3927	0.3592		45700	50000	-8.5	20.0
2,4,5-Trichlorophenol	Ave	0.3738	0.3443		46100	50000	-7.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152320/2 Calibration Date: 03/22/2013 00:48

Instrument ID: BNAMS11 Calib Start Date: 03/21/2013 12:28

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2013 14:51

Lab File ID: z20025.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.707	1.769		51800	50000	3.6	20.0
2-Chloronaphthalene	Ave	1.273	1.298		51000	50000	2.0	20.0
Diphenyl ether	Ave	0.8815	0.8967		50900	50000	1.7	20.0
2-Nitroaniline	Ave	0.5154	0.5327		51700	50000	3.3	20.0
Dimethylnaphthalene, total	Ave	1.073	1.111		51800	50000	3.5	20.0
Dimethyl phthalate	Ave	1.173	1.206		51400	50000	2.8	20.0
Coumarin	Ave	0.1501	0.1486		49500	50000	-1.0	20.0
2,6-Dinitrotoluene	Ave	0.2632	0.2737		52000	50000	4.0	20.0
Acenaphthylene	Ave	1.786	1.790		50100	50000	0.2	20.0
3-Nitroaniline	Ave	0.2459	0.2535		51600	50000	3.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.194	1.284		53800	50000	7.6	20.0
Acenaphthene	Ave	1.179	1.188		50400	50000	0.7	20.0
2,4-Dinitrophenol	QuaF	0.0940	0.1034	0.0500	49900	50000	-0.1	20.0
4-Nitrophenol	Ave	0.2154	0.1914	0.0500	44400	50000	-11.1	20.0
2,4-Dinitrotoluene	Ave	0.3124	0.3243		51900	50000	3.8	20.0
Dibenzofuran	Ave	1.528	1.541		50400	50000	0.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2633	0.2196		41700	50000	-16.6	20.0
Diethyl phthalate	Ave	1.078	1.107		51300	50000	2.7	20.0
Fluorene	Ave	1.241	1.222		49200	50000	-1.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.6038	0.6000		49700	50000	-0.6	20.0
4-Nitroaniline	Ave	0.2097	0.2173		51800	50000	3.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1281	0.1401		54700	50000	9.4	20.0
N-Nitrosodiphenylamine	Ave	0.6426	0.6607		51400	50000	2.8	20.0
1,2-Diphenylhydrazine	Ave	1.280	1.383		54000	50000	8.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2766	0.2837		51300	50000	2.6	20.0
Hexachlorobenzene	Ave	0.2922	0.2939		50300	50000	0.6	20.0
Atrazine	Ave	0.2093	0.2303		55000	50000	10.0	20.0
Pentachlorophenol	QuaF	0.1307	0.1126		41900	50000	-16.3	20.0
Pentachloronitrobenzene	Ave	0.1209	0.1165		48200	50000	-3.6	
n-Octadecane	Ave	0.9123	0.9535		52300	50000	4.5	20.0
Phenanthrene	Ave	1.197	1.215		50800	50000	1.5	20.0
Anthracene	Ave	1.207	1.227		50800	50000	1.7	20.0
Carbazole	Ave	0.8746	0.8926		51000	50000	2.1	20.0
Di-n-butyl phthalate	Ave	1.171	1.229		52500	50000	5.0	20.0
Fluoranthene	Ave	0.9489	0.9120		48100	50000	-3.9	20.0
Benzidine	Ave	0.1244	0.0243		9780	50000	-80.4*	20.0
Pyrene	Ave	1.852	1.816		49000	50000	-1.9	20.0
Butyl benzyl phthalate	Ave	0.6924	0.7419		53600	50000	7.1	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2018	0.1801		446	500	-10.8	20.0
Carbamazepine	QuaF	0.4037	0.5167		60000	50000	20.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152320/2 Calibration Date: 03/22/2013 00:48

Instrument ID: BNAMS11 Calib Start Date: 03/21/2013 12:28

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2013 14:51

Lab File ID: z20025.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3206	0.3154		52600	50000	5.2	20.0
Benzo[a]anthracene	Ave	1.282	1.211		47200	50000	-5.5	20.0
Chrysene	Ave	1.176	1.205		51200	50000	2.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8884	0.9389		52800	50000	5.7	20.0
Di-n-octyl phthalate	Ave	1.532	1.625		53100	50000	6.1	20.0
Benzo[b]fluoranthene	Ave	1.191	1.146		48100	50000	-3.8	20.0
Benzo[k]fluoranthene	Ave	1.306	1.260		48200	50000	-3.5	20.0
Benzo[a]pyrene	Ave	0.9847	0.997		50600	50000	1.2	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8121	0.9236		52300	50000	4.6	20.0
Dibenz(a,h)anthracene	QuaF	0.8318	0.9521		52000	50000	4.1	20.0
Benzo[g,h,i]perylene	Ave	0.9241	1.062		57500	50000	14.9	20.0
2-Fluorophenol	Ave	1.453	1.396		48000	50000	-4.0	20.0
Phenol-d5	Ave	1.637	1.602		48900	50000	-2.1	20.0
Nitrobenzene-d5	Ave	0.4243	0.4324		51000	50000	1.9	20.0
2-Fluorobiphenyl	Ave	1.471	1.522		51700	50000	3.5	20.0
2,4,6-Tribromophenol	Ave	0.1736	0.1376		39600	50000	-20.7*	20.0
Terphenyl-d14	Ave	1.226	1.219		49700	50000	-0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152529/2 Calibration Date: 03/23/2013 21:29

Instrument ID: BNAMS11 Calib Start Date: 03/23/2013 17:50

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/23/2013 19:57

Lab File ID: z20078.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.3161	0.2966		46900	50000	-6.2	20.0
N-Nitrosodimethylamine	Ave	0.8819	0.8780		49800	50000	-0.4	20.0
Pyridine	Ave	1.531	1.559		50900	50000	1.8	20.0
Benzaldehyde	Ave	0.6094	0.4134		33900	50000	-32.2*	20.0
Phenol	Ave	1.816	1.788		49200	50000	-1.5	20.0
Aniline	Ave	1.959	1.988		50700	50000	1.5	20.0
Bis(2-chloroethyl)ether	QuaF	1.633	1.426		47200	50000	-5.5	20.0
2-Chlorophenol	Ave	1.440	1.410		49000	50000	-2.1	20.0
Decane	Ave	1.691	1.632		48200	50000	-3.5	20.0
1,3-Dichlorobenzene	Ave	1.659	1.648		49700	50000	-0.7	20.0
1,4-Dichlorobenzene	Ave	1.691	1.688		49900	50000	-0.2	20.0
Benzyl alcohol	Ave	0.8406	0.8692		51700	50000	3.4	20.0
1,2-Dichlorobenzene	Ave	1.555	1.532		49300	50000	-1.5	20.0
2-Methylphenol	Ave	1.209	1.176		48600	50000	-2.8	20.0
bis (2-chloroisopropyl) ether	Ave	1.893	1.837		48500	50000	-3.0	20.0
Acetophenone	Ave	1.878	1.923		51200	50000	2.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.9861	0.9104	0.0500	46200	50000	-7.7	20.0
3 & 4 Methylphenol	Ave	1.283	1.222		47600	50000	-4.8	20.0
4-Methylphenol	Ave	1.288	1.222		47400	50000	-5.2	20.0
Hexachloroethane	Ave	0.6856	0.6805		49600	50000	-0.7	20.0
Nitrobenzene	Ave	0.5861	0.5964		50900	50000	1.8	20.0
n,n'-Dimethylaniline	Ave	2.078	2.142		51500	50000	3.0	20.0
Isophorone	Ave	0.6273	0.6426		51200	50000	2.4	20.0
2-Nitrophenol	Ave	0.1893	0.1923		50800	50000	1.6	20.0
2,4-Dimethylphenol	Ave	0.3075	0.3056		49700	50000	-0.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3935	0.4017		51000	50000	2.1	20.0
Benzoic acid	QuaF	0.1468	0.1734		53300	50000	6.6	20.0
2,4-Dichlorophenol	Ave	0.2677	0.2710		50600	50000	1.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3268	0.3306		50600	50000	1.1	20.0
Naphthalene	Ave	1.084	1.103		50800	50000	1.7	20.0
4-Chloroaniline	Ave	0.3627	0.3746		51600	50000	3.3	20.0
Hexachlorobutadiene	Ave	0.2117	0.2115		50000	50000	-0.0	20.0
Caprolactam	Ave	0.0677	0.0791		58400	50000	16.8	20.0
4-Chloro-3-methylphenol	Ave	0.2735	0.2819		51500	50000	3.1	20.0
2-Methylnaphthalene	Ave	0.6383	0.6569		51500	50000	2.9	20.0
1-Methylnaphthalene	Ave	0.6471	0.6699		51800	50000	3.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6668	0.6450		48400	50000	-3.3	20.0
Hexachlorocyclopentadiene	QuaF	0.4172	0.4071	0.0500	45900	50000	-8.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4404	0.4610		52300	50000	4.7	20.0
2,4,6-Trichlorophenol	Ave	0.3778	0.3648		48300	50000	-3.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152529/2 Calibration Date: 03/23/2013 21:29

Instrument ID: BNAMS11 Calib Start Date: 03/23/2013 17:50

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/23/2013 19:57

Lab File ID: z20078.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	0.3663	0.3593		49000	50000	-1.9	20.0
Diphenyl	Ave	1.643	1.707		52000	50000	3.9	20.0
2-Chloronaphthalene	Ave	1.237	1.231		49800	50000	-0.5	20.0
Diphenyl ether	Ave	0.8661	0.8494		49000	50000	-1.9	20.0
2-Nitroaniline	Ave	0.4996	0.5110		51100	50000	2.3	20.0
Dimethylnaphthalene, total	Ave	1.053	1.071		50900	50000	1.7	20.0
Dimethyl phthalate	Ave	1.183	1.191		50400	50000	0.7	20.0
Coumarin	Ave	0.1565	0.1683		53800	50000	7.5	20.0
2,6-Dinitrotoluene	Ave	0.2645	0.2742		51800	50000	3.7	20.0
Acenaphthylene	Ave	1.784	1.766		49500	50000	-1.0	20.0
3-Nitroaniline	Ave	0.2456	0.2471		50300	50000	0.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.151	1.174		51000	50000	2.0	20.0
Acenaphthene	Ave	1.176	1.209		51400	50000	2.8	20.0
2,4-Dinitrophenol	QuaF	0.1071	0.1175	0.0500	50900	50000	1.7	20.0
4-Nitrophenol	Ave	0.2055	0.2046	0.0500	49800	50000	-0.5	20.0
2,4-Dinitrotoluene	Ave	0.3252	0.3297		50700	50000	1.4	20.0
Dibenzofuran	Ave	1.533	1.534		50000	50000	0.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2699	0.2888		53500	50000	7.0	20.0
Diethyl phthalate	Ave	1.099	1.122		51100	50000	2.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6102	0.6155		50400	50000	0.9	20.0
Fluorene	Ave	1.251	1.268		50700	50000	1.4	20.0
4-Nitroaniline	Ave	0.2123	0.2131		50200	50000	0.3	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1296	0.1383		49700	50000	-0.5	20.0
N-Nitrosodiphenylamine	Ave	0.6199	0.6227		50200	50000	0.4	20.0
1,2-Diphenylhydrazine	Ave	1.209	1.250		51700	50000	3.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2697	0.2764		51200	50000	2.5	20.0
Hexachlorobenzene	Ave	0.2897	0.2992		51600	50000	3.3	20.0
Atrazine	Ave	0.2049	0.2210		53900	50000	7.9	20.0
Pentachlorophenol	QuaF	0.1475	0.1526		50500	50000	0.9	20.0
Pentachloronitrobenzene	Ave	0.1196	0.1176		49200	50000	-1.7	
n-Octadecane	Ave	0.8352	0.8643		51700	50000	3.5	20.0
Phenanthrene	Ave	1.194	1.220		51000	50000	2.1	20.0
Anthracene	Ave	1.201	1.223		50900	50000	1.8	20.0
Carbazole	Ave	0.8846	0.8825		49900	50000	-0.2	20.0
Di-n-butyl phthalate	Ave	1.187	1.202		50600	50000	1.2	20.0
Fluoranthene	Ave	0.9818	0.996		50700	50000	1.5	20.0
Benzidine	Ave	0.1352	0.0560		20700	50000	-58.6*	20.0
Pyrene	Ave	1.845	1.854		50200	50000	0.5	20.0
Butyl benzyl phthalate	Ave	0.6875	0.7163		52100	50000	4.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2284	0.2054		450	500	-10.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVIS 460-152529/2 Calibration Date: 03/23/2013 21:29

Instrument ID: BNAMS11 Calib Start Date: 03/23/2013 17:50

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/23/2013 19:57

Lab File ID: z20078.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.3734	0.4345		52100	50000	4.2	20.0
3,3'-Dichlorobenzidine	Ave	0.3085	0.2768		44900	50000	-10.3	20.0
Benzo[a]anthracene	Ave	1.274	1.220		47900	50000	-4.2	20.0
Chrysene	Ave	1.186	1.198		50500	50000	1.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9579	0.9655		50400	50000	0.8	20.0
Di-n-octyl phthalate	Ave	1.736	1.851		53300	50000	6.6	20.0
Benzo[b]fluoranthene	Ave	1.217	1.203		49400	50000	-1.2	20.0
Benzo[k]fluoranthene	Ave	1.331	1.397		52500	50000	5.0	20.0
Benzo[a]pyrene	Ave	0.9689	1.018		52500	50000	5.0	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7812	0.8529		51000	50000	1.9	20.0
Dibenz(a,h)anthracene	QuaF	0.8244	0.8559		48300	50000	-3.4	20.0
Benzo[g,h,i]perylene	Ave	0.8906	0.9415		52900	50000	5.7	20.0
2-Fluorophenol	Ave	1.419	1.382		48700	50000	-2.6	20.0
Phenol-d5	Ave	1.628	1.612		49500	50000	-1.0	20.0
Nitrobenzene-d5	Ave	0.4156	0.4266		51300	50000	2.6	20.0
2-Fluorobiphenyl	Ave	1.427	1.436		50300	50000	0.6	20.0
2,4,6-Tribromophenol	Ave	0.1796	0.1832		51000	50000	2.0	20.0
Terphenyl-d14	Ave	1.226	1.249		50900	50000	1.9	20.0

Data File: /chem/BNAMS10.i/8270/03-17-13/17mar13.b/p35463.d
Report Date: 18-Mar-2013 00:31

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-17-13/17mar13.b/p35463.d
Lab Smp Id: DFTPP-1896725
Inj Date : 17-MAR-2013 19:40
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1896725
Misc Info : BNA 4725
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/17mar13.b/BNADFTPP.m
Meth Date : 09-Mar-2013 14:06 rusin Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

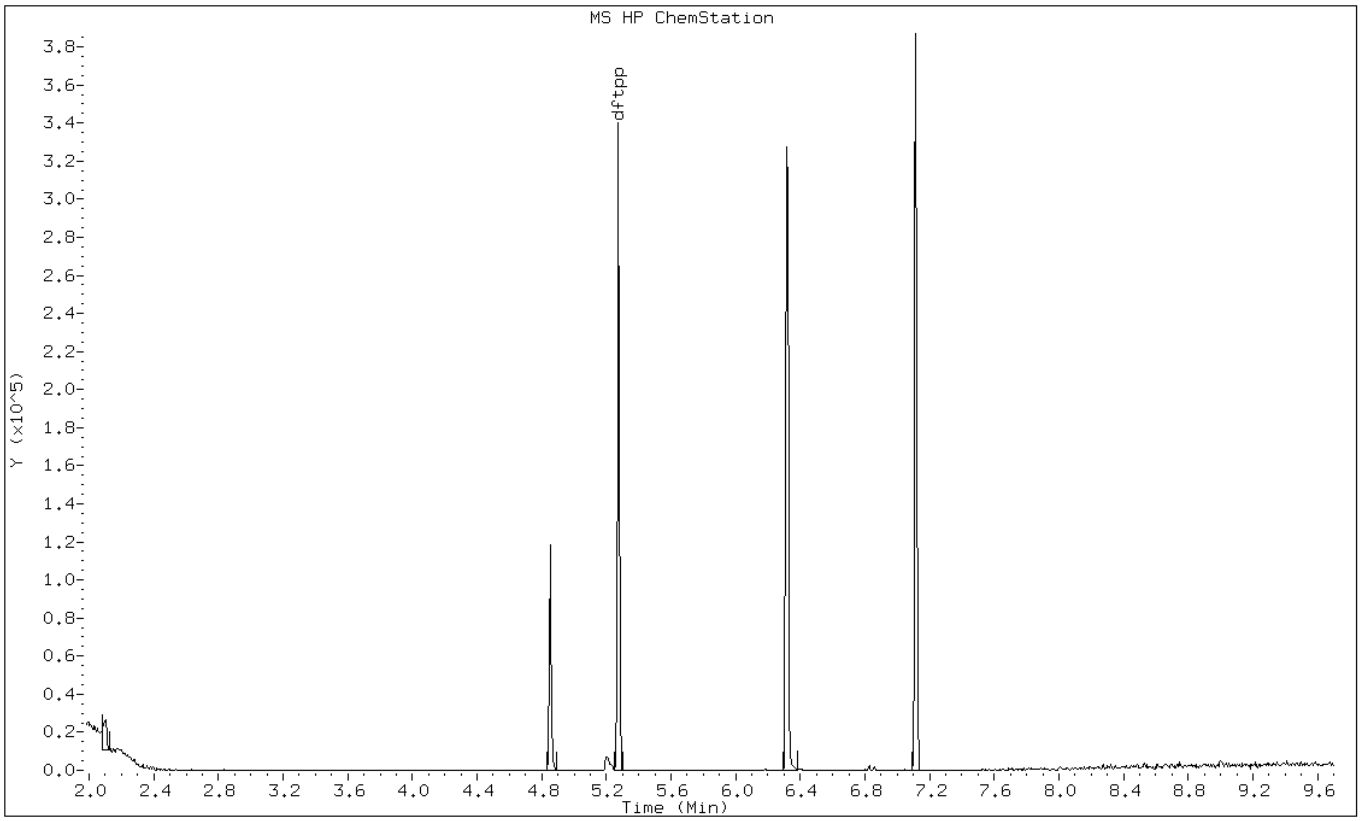
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.275	5.510	-0.235	198	30400			0.00- 100.00	100.00
5.275	5.510	-0.235	51	12588			30.00- 60.00	41.41
5.275	5.510	-0.235	68	0			0.00- 2.00	0.00
5.275	5.510	-0.235	69	12494			0.00- 0.00	41.10
5.275	5.510	-0.235	70	0			0.00- 2.00	0.00
5.275	5.510	-0.235	127	15297			40.00- 60.00	50.32
5.275	5.510	-0.235	197	0			0.00- 1.00	0.00
5.275	5.510	-0.235	199	1979			5.00- 9.00	6.51
5.275	5.510	-0.235	275	8433			10.00- 30.00	27.74
5.275	5.510	-0.235	365	1109			1.00- 0.00	3.65
5.275	5.510	-0.235	441	4038			0.01- 100.00	67.30
5.275	5.510	-0.235	442	29941			40.00- 110.00	98.49
5.275	5.510	-0.235	443	6000			17.00- 23.00	20.04

Data File: p35463.d

Date: 17-MAR-2013 19:40

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2



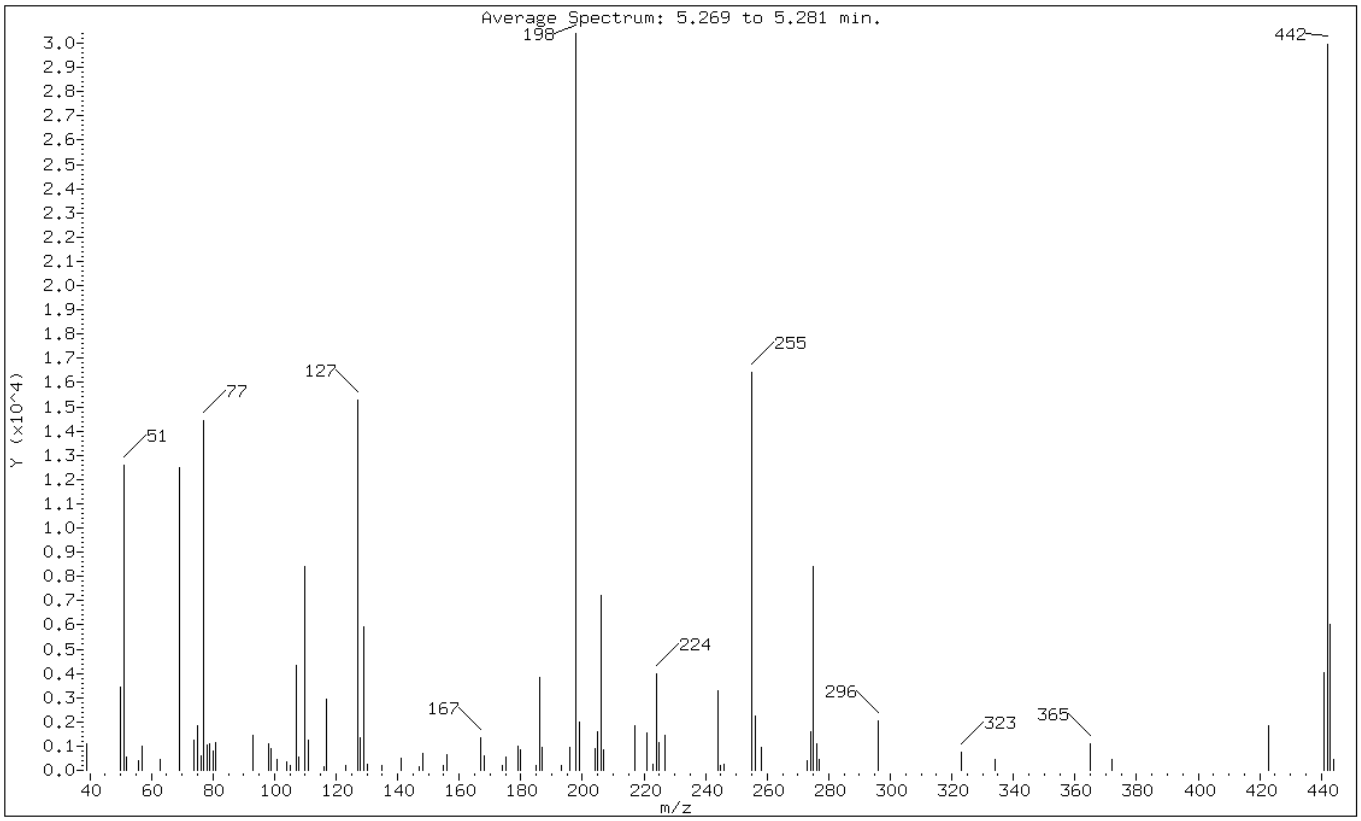
Data File: p35463.d

Date: 17-MAR-2013 19:40

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 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	41.41
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	41.10
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.32
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.51
275	10.00 - 30.00% of mass 198	27.74
365	Greater than 1.00% of mass 198	3.65
441	0.01 - 100.00% of mass 443	13.28 (67.30)
442	40.00 - 110.00% of mass 198	98.49
443	17.00 - 23.00% of mass 442	19.74 (20.04)

Data File: p35463.d

Date: 17-MAR-2013 19:40

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/03-17-13/17mar13.b/p35463.d
Spectrum: Average Spectrum: 5.269 to 5.281 min.
Location of Maximum: 198.00
Number of points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1115	105.00	178	175.00	536	245.00	208
50.00	3451	107.00	4326	179.00	1006	246.00	255
51.00	12588	108.00	550	180.00	839	255.00	16432
52.00	564	110.00	8385	185.00	189	256.00	2219
56.00	403	111.00	1225	186.00	3850	258.00	954
57.00	987	116.00	168	187.00	955	273.00	402
63.00	441	117.00	2923	193.00	207	274.00	1576
69.00	12494	123.00	218	196.00	959	275.00	8433
74.00	1248	127.00	15297	198.00	30400	276.00	1119
75.00	1864	128.00	1365	199.00	1979	277.00	462
76.00	579	129.00	5901	204.00	895	296.00	2026
77.00	14451	130.00	226	205.00	1575	323.00	730
78.00	1068	135.00	186	206.00	7195	334.00	468
79.00	1096	141.00	514	207.00	840	365.00	1109
80.00	773	147.00	172	217.00	1862	372.00	438
81.00	1120	148.00	705	221.00	1543	423.00	1858
93.00	1445	155.00	179	223.00	256	441.00	4038
98.00	1116	156.00	667	224.00	3977	442.00	29936
99.00	919	167.00	1332	225.00	1148	443.00	6000
101.00	461	168.00	573	227.00	1448	444.00	445
104.00	350	174.00	186	244.00	3290		

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35502.d
Report Date: 19-Mar-2013 03:09

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35502.d
Lab Smp Id: DFTPP-1896725
Inj Date : 19-MAR-2013 01:13
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1896725
Misc Info : BNA 4725
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/BNADFTPP.m
Meth Date : 09-Mar-2013 14:06 rusin Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.234	5.510	-0.276	198	15458			0.00- 100.00	97.92
5.234	5.510	-0.276	51	7100			30.00- 60.00	45.93
5.234	5.510	-0.276	68	0			0.00- 2.00	0.00
5.234	5.510	-0.276	69	6437			0.00- 0.00	41.64
5.234	5.510	-0.276	70	0			0.00- 2.00	0.00
5.234	5.510	-0.276	127	8068			40.00- 60.00	52.19
5.234	5.510	-0.276	197	0			0.00- 1.00	0.00
5.234	5.510	-0.276	199	861			5.00- 9.00	5.57
5.234	5.510	-0.276	275	4239			10.00- 30.00	27.42
5.234	5.510	-0.276	365	481			1.00- 0.00	3.11
5.234	5.510	-0.276	441	2302			0.01- 100.00	70.25
5.234	5.510	-0.276	442	15786			40.00- 110.00	102.12
5.234	5.510	-0.276	443	3277			17.00- 23.00	20.76

Data File: p35502.d

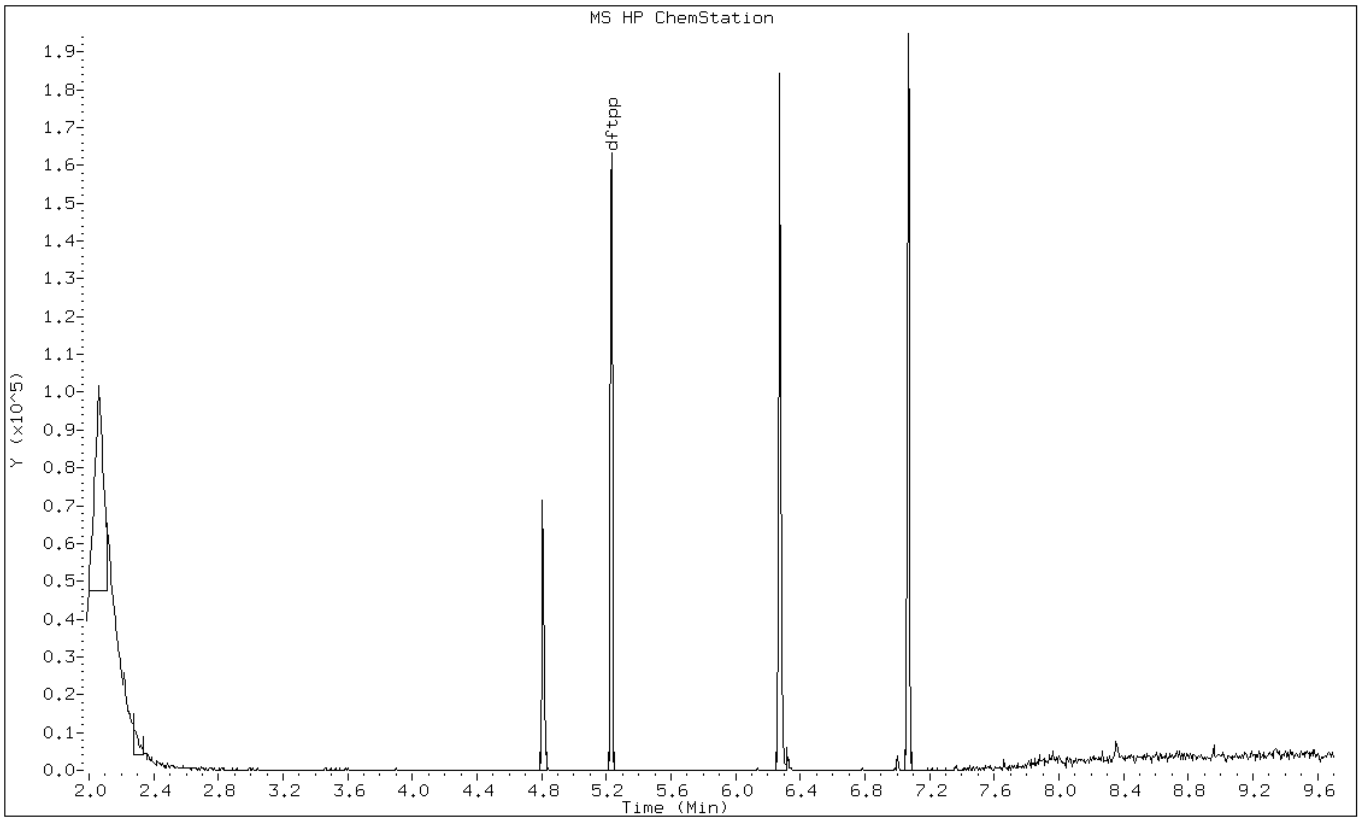
Date: 19-MAR-2013 01:13

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1896725

Operator: BNA2



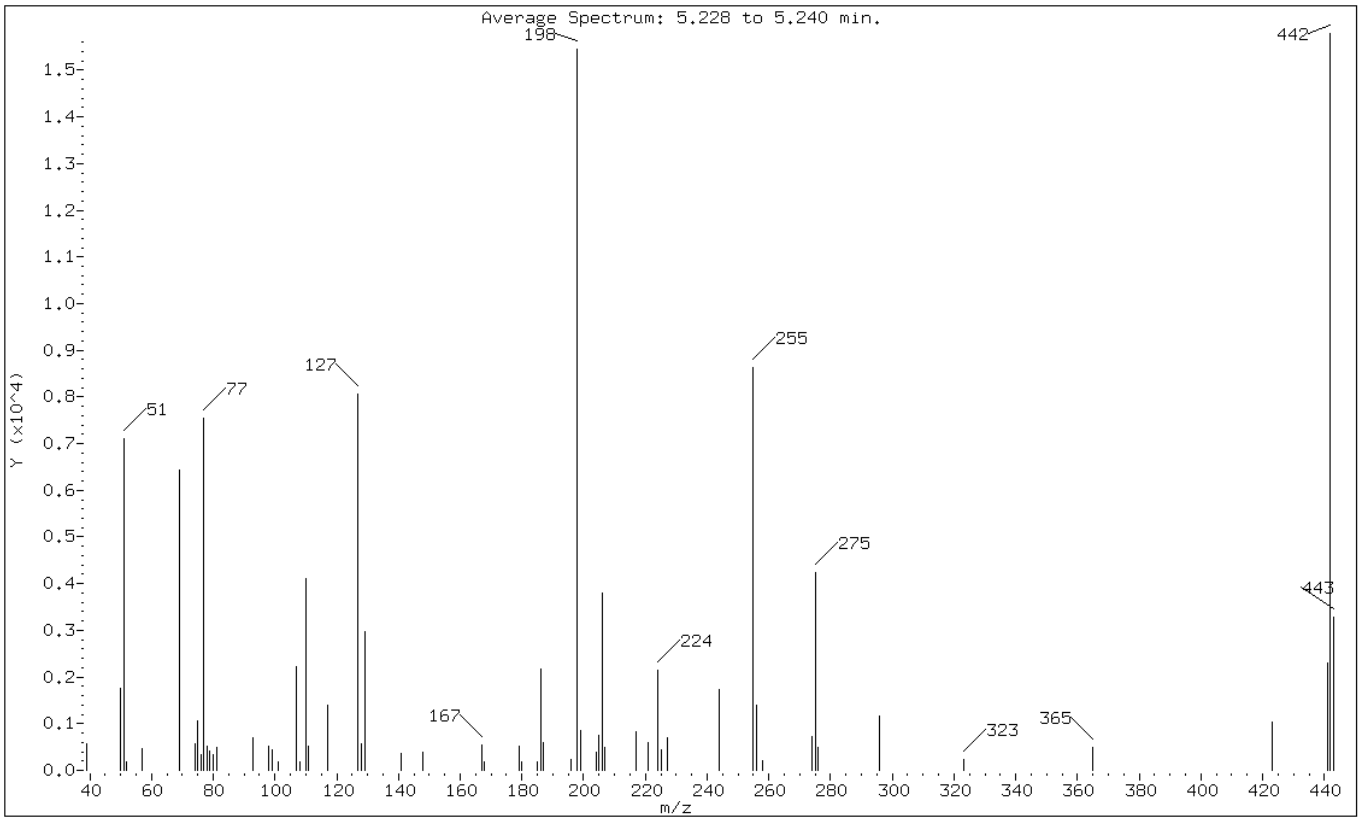
Data File: p35502.d

Date: 19-MAR-2013 01:13

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 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	45.93
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	41.64
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.19
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	5.57
275	10.00 - 30.00% of mass 198	27.42
365	Greater than 1.00% of mass 198	3.11
441	0.01 - 100.00% of mass 443	14.89 (70.25)
442	40.00 - 110.00% of mass 198	102.12
443	17.00 - 23.00% of mass 442	21.20 (20.76)

Data File: p35502.d

Date: 19-MAR-2013 01:13

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35502.d
Spectrum: Average Spectrum: 5.228 to 5.240 min.
Location of Maximum: 442.00
Number of points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	579	99.00	440	185.00	173	255.00	8626
50.00	1768	101.00	176	186.00	2182	256.00	1406
51.00	7100	107.00	2222	187.00	592	258.00	196
52.00	184	108.00	192	196.00	237	274.00	735
57.00	468	110.00	4107	198.00	15458	275.00	4239
69.00	6437	111.00	510	199.00	861	276.00	478
74.00	557	117.00	1399	204.00	382	296.00	1156
75.00	1070	127.00	8068	205.00	748	323.00	223
76.00	342	128.00	581	206.00	3804	365.00	481
77.00	7553	129.00	2976	207.00	502	423.00	1029
78.00	509	141.00	374	217.00	820	441.00	2302
79.00	424	148.00	380	221.00	601	442.00	15786
80.00	335	167.00	533	224.00	2148	443.00	3277
81.00	480	168.00	172	225.00	436		
93.00	694	179.00	509	227.00	692		
98.00	522	180.00	182	244.00	1730		

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35524.d
Report Date: 19-Mar-2013 14:23

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35524.d
Lab Smp Id: DFTPP-1896725
Inj Date : 19-MAR-2013 13:05
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1896725
Misc Info : BNA 4725
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/BNADFTPP.m
Meth Date : 09-Mar-2013 14:06 rusin Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

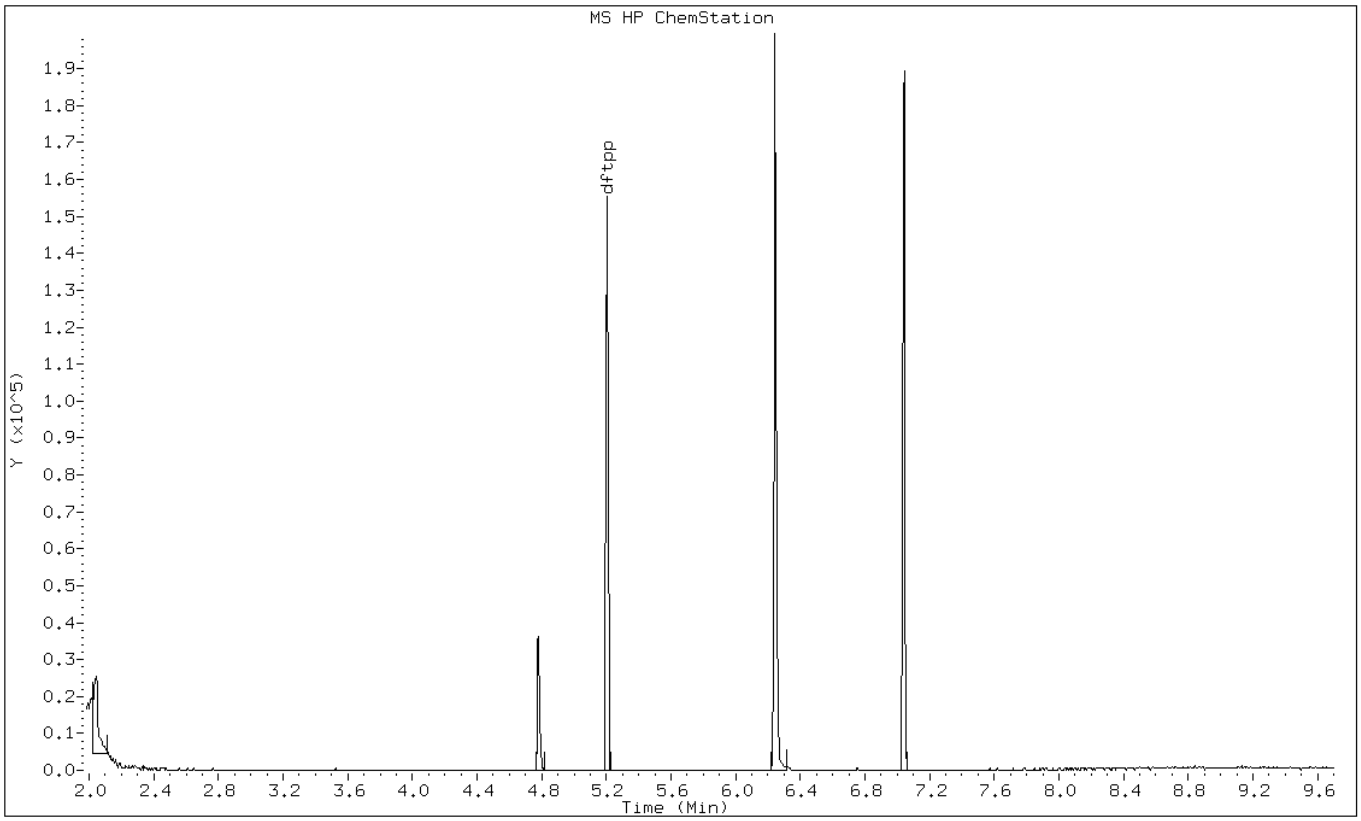
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.205	5.510	-0.305	198	14442			0.00- 100.00	100.00
5.205	5.510	-0.305	51	6731			30.00- 60.00	46.61
5.205	5.510	-0.305	68	0			0.00- 2.00	0.00
5.205	5.510	-0.305	69	6119			0.00- 0.00	42.37
5.205	5.510	-0.305	70	0			0.00- 2.00	0.00
5.205	5.510	-0.305	127	7755			40.00- 60.00	53.70
5.205	5.510	-0.305	197	0			0.00- 1.00	0.00
5.205	5.510	-0.305	199	1015			5.00- 9.00	7.03
5.205	5.510	-0.305	275	4066			10.00- 30.00	28.15
5.205	5.510	-0.305	365	235			1.00- 0.00	1.63
5.205	5.510	-0.305	441	1996			0.01- 100.00	74.51
5.205	5.510	-0.305	442	14262			40.00- 110.00	98.75
5.205	5.510	-0.305	443	2679			17.00- 23.00	18.78

Data File: p35524.d

Date: 19-MAR-2013 13:05

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2



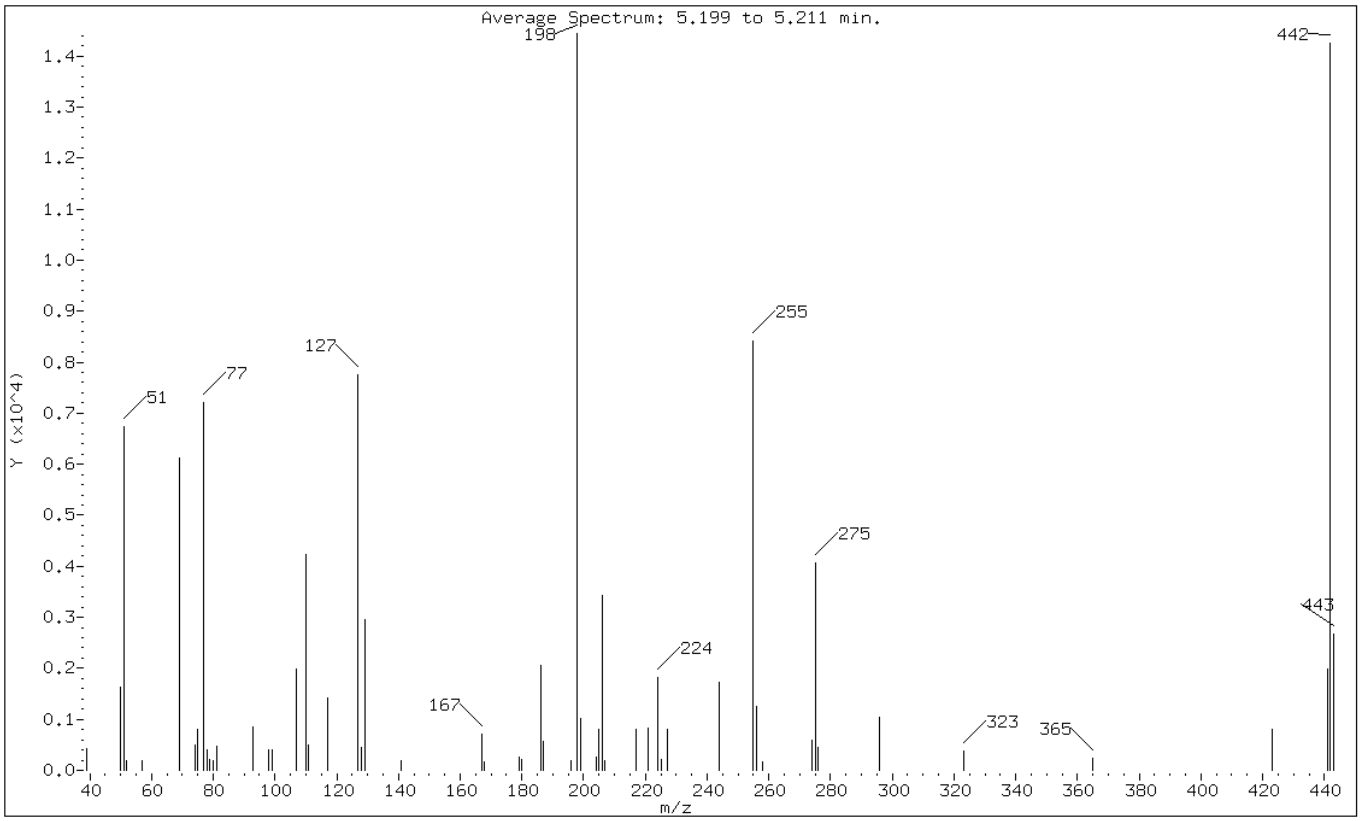
Data File: p35524.d

Date: 19-MAR-2013 13:05

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 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	46.61
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	42.37
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.70
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.03
275	10.00 - 30.00% of mass 198	28.15
365	Greater than 1.00% of mass 198	1.63
441	0.01 - 100.00% of mass 443	13.82 (74.51)
442	40.00 - 110.00% of mass 198	98.75
443	17.00 - 23.00% of mass 442	18.55 (18.78)

Data File: p35524.d

Date: 19-MAR-2013 13:05

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13a.b/p35524.d
Spectrum: Average Spectrum: 5.199 to 5.211 min.
Location of Maximum: 198.00
Number of points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	424	99.00	393	196.00	189	258.00	171
50.00	1639	107.00	1975	198.00	14442	274.00	580
51.00	6731	110.00	4240	199.00	1015	275.00	4066
52.00	199	111.00	507	204.00	256	276.00	450
57.00	184	117.00	1408	205.00	800	296.00	1039
69.00	6119	127.00	7755	206.00	3429	323.00	380
74.00	505	128.00	457	207.00	199	365.00	235
75.00	794	129.00	2953	217.00	803	423.00	793
77.00	7215	141.00	186	221.00	820	441.00	1996
78.00	402	167.00	715	224.00	1827	442.00	14262
79.00	215	168.00	167	225.00	219	443.00	2679
80.00	182	179.00	253	227.00	800		
81.00	470	180.00	202	244.00	1736		
93.00	842	186.00	2068	255.00	8420		
98.00	405	187.00	578	256.00	1257		

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13.b/p35553.d
Report Date: 20-Mar-2013 03:28

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13.b/p35553.d
Lab Smp Id: DFTPP-1896725
Inj Date : 20-MAR-2013 02:16
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-1896725
Misc Info : BNA 4725
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/20mar13.b/BNADFTPP.m
Meth Date : 09-Mar-2013 14:06 rusin Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.217	5.510	-0.293	198	17384			0.00- 100.00	100.00
5.217	5.510	-0.293	51	8289			30.00- 60.00	47.68
5.217	5.510	-0.293	68	0			0.00- 2.00	0.00
5.217	5.510	-0.293	69	7846			0.00- 0.00	45.13
5.217	5.510	-0.293	70	0			0.00- 2.00	0.00
5.217	5.510	-0.293	127	8815			40.00- 60.00	50.71
5.217	5.510	-0.293	197	0			0.00- 1.00	0.00
5.217	5.510	-0.293	199	1166			5.00- 9.00	6.71
5.217	5.510	-0.293	275	4565			10.00- 30.00	26.26
5.217	5.510	-0.293	365	291			1.00- 0.00	1.67
5.217	5.510	-0.293	441	2068			0.01- 100.00	71.07
5.217	5.510	-0.293	442	14859			40.00- 110.00	85.48
5.217	5.510	-0.293	443	2910			17.00- 23.00	19.58

Data File: p35553.d

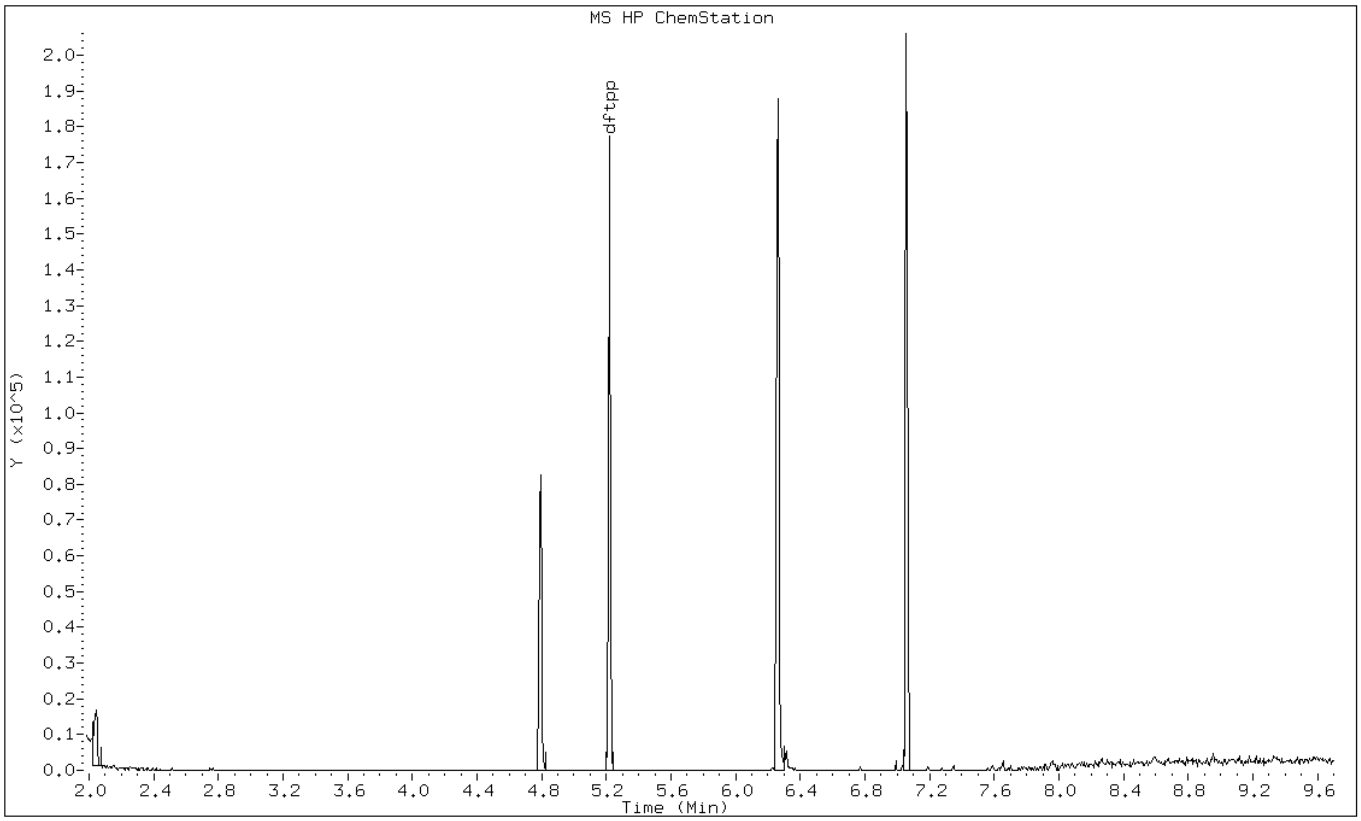
Date: 20-MAR-2013 02:16

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1896725

Operator: BNAMS3



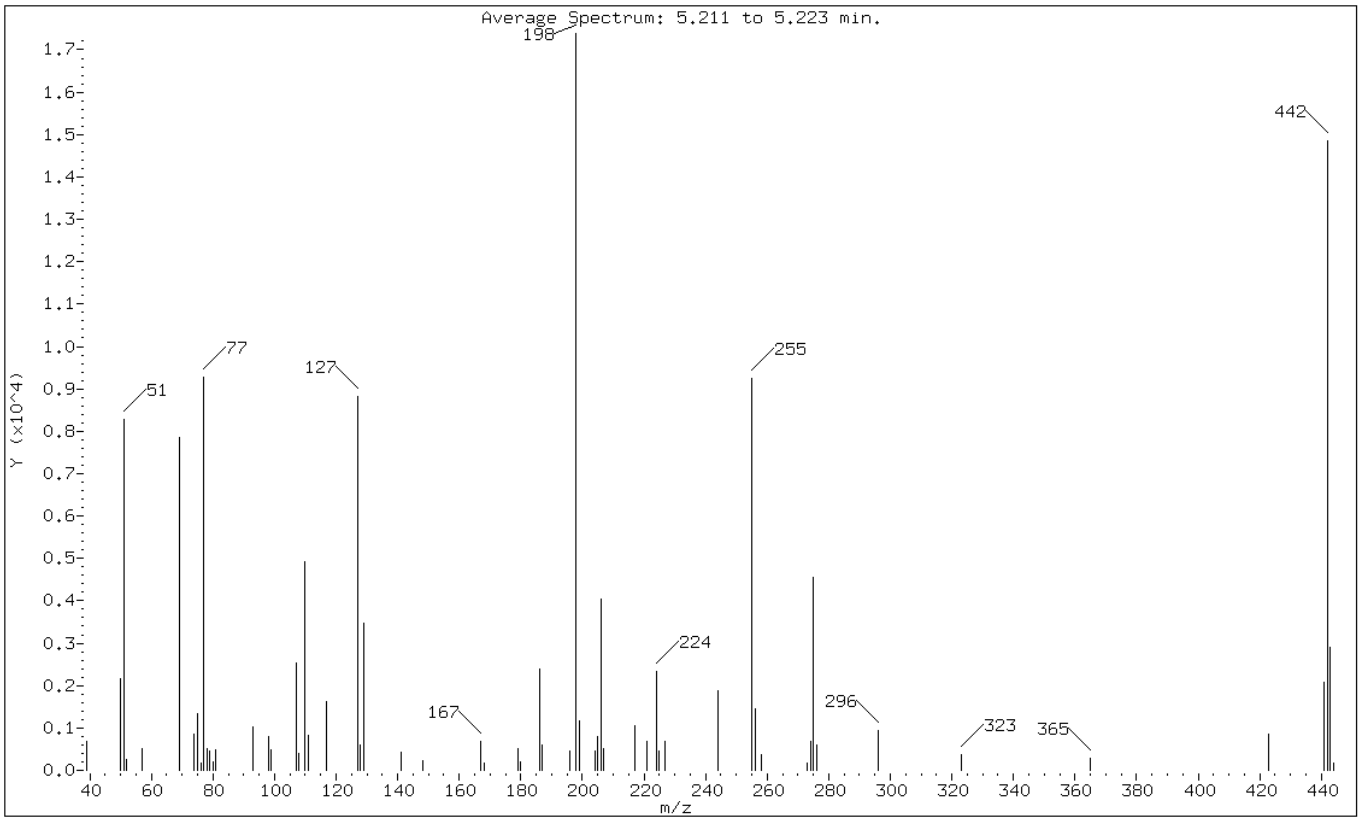
Data File: p35553.d

Date: 20-MAR-2013 02:16

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 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	47.68
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	45.13
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.71
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.71
275	10.00 - 30.00% of mass 198	26.26
365	Greater than 1.00% of mass 198	1.67
441	0.01 - 100.00% of mass 443	11.90 (71.07)
442	40.00 - 110.00% of mass 198	85.48
443	17.00 - 23.00% of mass 442	16.74 (19.58)

Data File: p35553.d

Date: 20-MAR-2013 02:16

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13.b/p35553.d
Spectrum: Average Spectrum: 5.211 to 5.223 min.
Location of Maximum: 198.00
Number of points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	691	99.00	484	187.00	604	258.00	361
50.00	2173	107.00	2544	196.00	457	273.00	177
51.00	8289	108.00	409	198.00	17384	274.00	695
52.00	242	110.00	4919	199.00	1166	275.00	4565
57.00	505	111.00	832	204.00	442	276.00	588
69.00	7846	117.00	1618	205.00	792	296.00	950
74.00	863	127.00	8815	206.00	4032	323.00	379
75.00	1339	128.00	609	207.00	502	365.00	291
76.00	168	129.00	3462	217.00	1043	423.00	856
77.00	9262	141.00	419	221.00	697	441.00	2068
78.00	502	148.00	219	224.00	2347	442.00	14859
79.00	463	167.00	692	225.00	463	443.00	2910
80.00	203	168.00	168	227.00	679	444.00	176
81.00	480	179.00	503	244.00	1888		
93.00	1032	180.00	191	255.00	9240		
98.00	799	186.00	2400	256.00	1450		

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35578.d
Report Date: 20-Mar-2013 16:59

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35578.d
Lab Smp Id: DFTPP-1896725
Inj Date : 20-MAR-2013 15:45
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1896725
Misc Info : BNA 4725
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/BNADFTPP.m
Meth Date : 09-Mar-2013 14:06 rusin Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.187	5.510	-0.323	198	13050			0.00- 100.00	100.00
5.187	5.510	-0.323	51	6139			30.00- 60.00	47.04
5.187	5.510	-0.323	68	0			0.00- 2.00	0.00
5.187	5.510	-0.323	69	5889			0.00- 0.00	45.13
5.187	5.510	-0.323	70	0			0.00- 2.00	0.00
5.187	5.510	-0.323	127	6736			40.00- 60.00	51.62
5.187	5.510	-0.323	197	0			0.00- 1.00	0.00
5.187	5.510	-0.323	199	854			5.00- 9.00	6.54
5.187	5.510	-0.323	275	3811			10.00- 30.00	29.20
5.187	5.510	-0.323	365	270			1.00- 0.00	2.07
5.187	5.510	-0.323	441	1747			0.01- 100.00	72.10
5.187	5.510	-0.323	442	12553			40.00- 110.00	96.19
5.187	5.510	-0.323	443	2423			17.00- 23.00	19.30

Data File: p35578.d

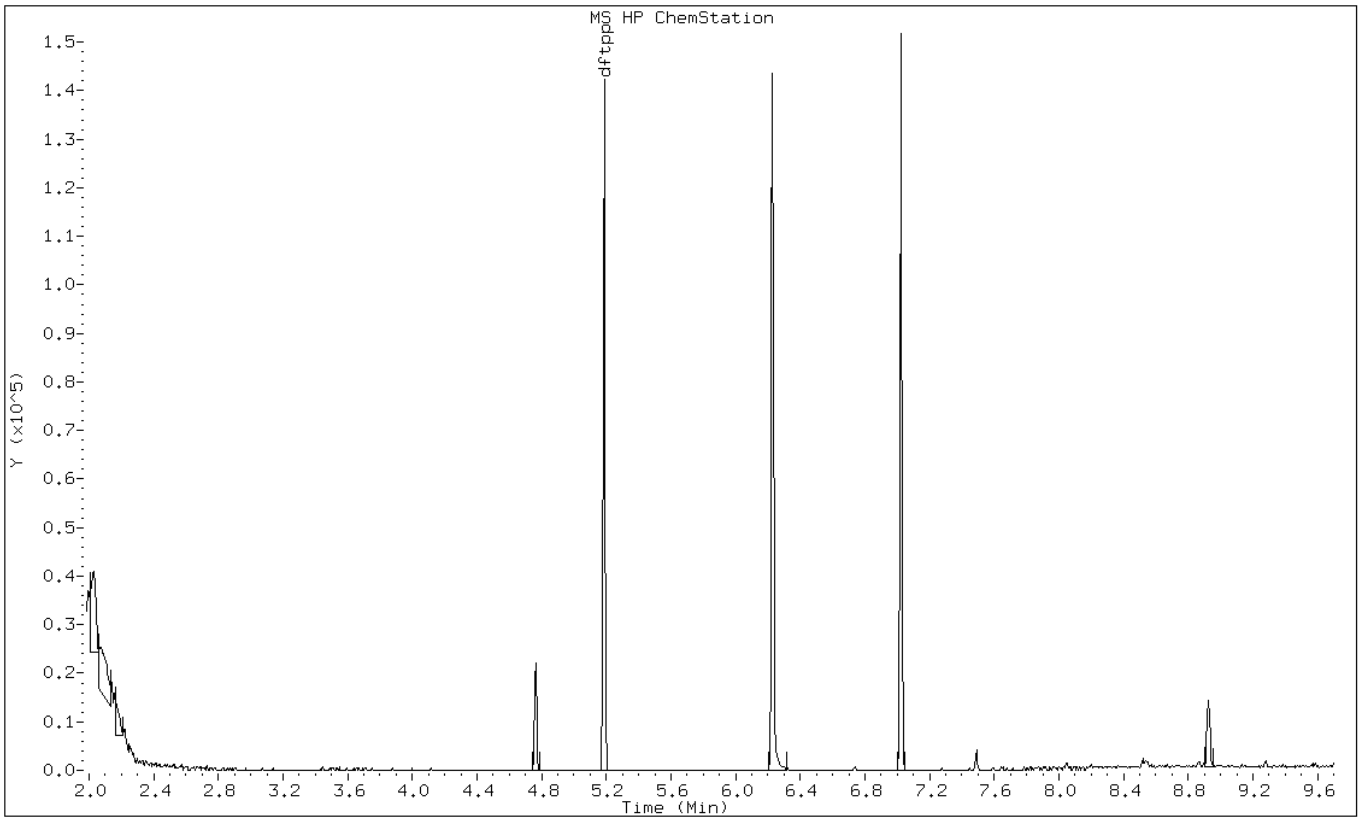
Date: 20-MAR-2013 15:45

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1896725

Operator: BNA2



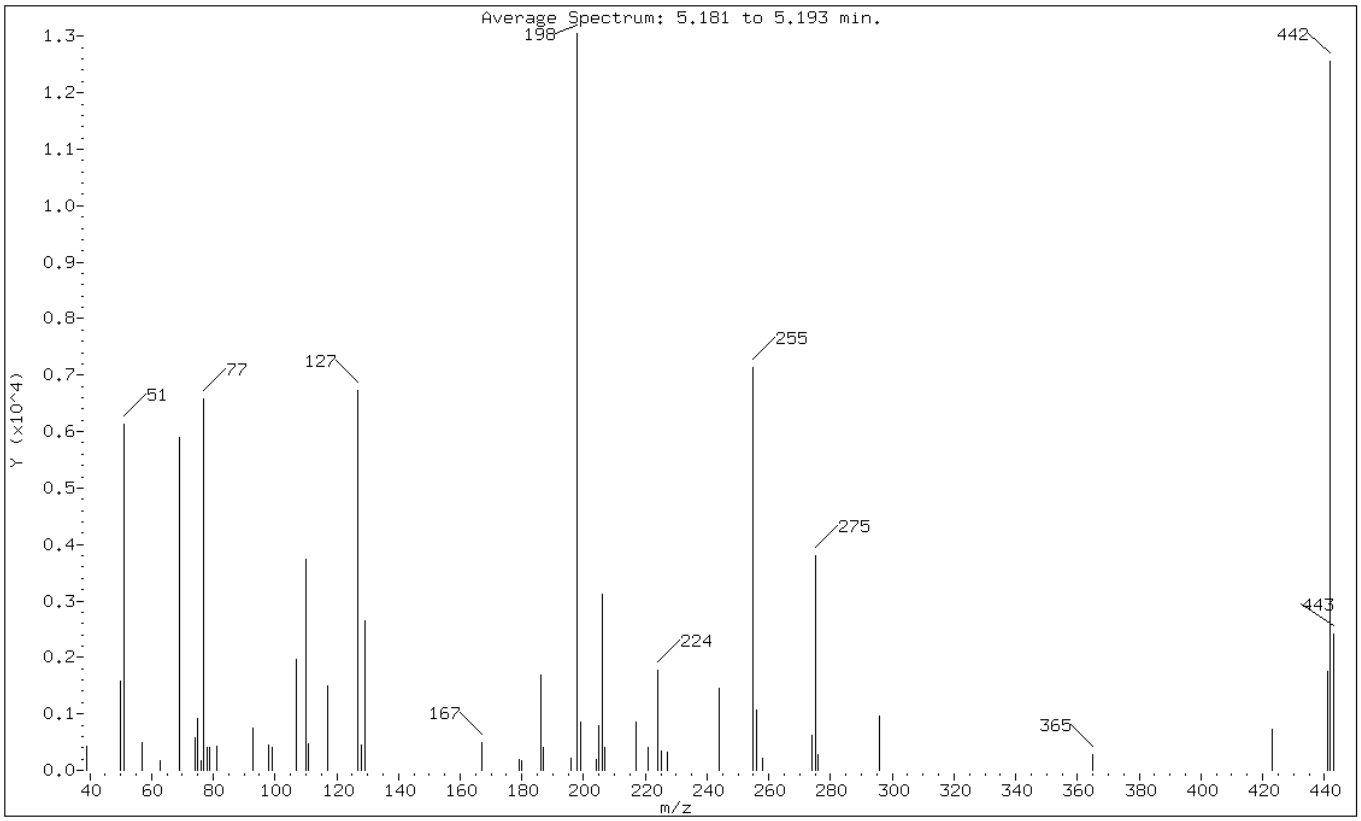
Data File: p35578.d

Date: 20-MAR-2013 15:45

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 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	47.04
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	45.13
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.62
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.54
275	10.00 - 30.00% of mass 198	29.20
365	Greater than 1.00% of mass 198	2.07
441	0.01 - 100.00% of mass 443	13.39 (72.10)
442	40.00 - 110.00% of mass 198	96.19
443	17.00 - 23.00% of mass 442	18.57 (19.30)

Data File: p35578.d

Date: 20-MAR-2013 15:45

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35578.d
Spectrum: Average Spectrum: 5.181 to 5.193 min.
Location of Maximum: 198.00
Number of points: 53

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	429	98.00	440	196.00	212	256.00	1070
50.00	1586	99.00	396	198.00	13050	258.00	206
51.00	6139	107.00	1971	199.00	854	274.00	619
57.00	498	110.00	3742	204.00	191	275.00	3811
63.00	166	111.00	465	205.00	799	276.00	272
69.00	5889	117.00	1492	206.00	3108	296.00	968
74.00	574	127.00	6736	207.00	411	365.00	270
75.00	909	128.00	453	217.00	851	423.00	721
76.00	166	129.00	2648	221.00	413	441.00	1747
77.00	6582	167.00	493	224.00	1765	442.00	12553
78.00	413	179.00	191	225.00	344	443.00	2423
79.00	409	180.00	170	227.00	318		
81.00	427	186.00	1695	244.00	1452		
93.00	741	187.00	416	255.00	7141		

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35606.d
Report Date: 21-Mar-2013 06:05

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35606.d
Lab Smp Id: DFTPP-1896725
Inj Date : 21-MAR-2013 04:51
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1896725
Misc Info : BNA 4725
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/BNADFTPP.m
Meth Date : 09-Mar-2013 14:06 rusin Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

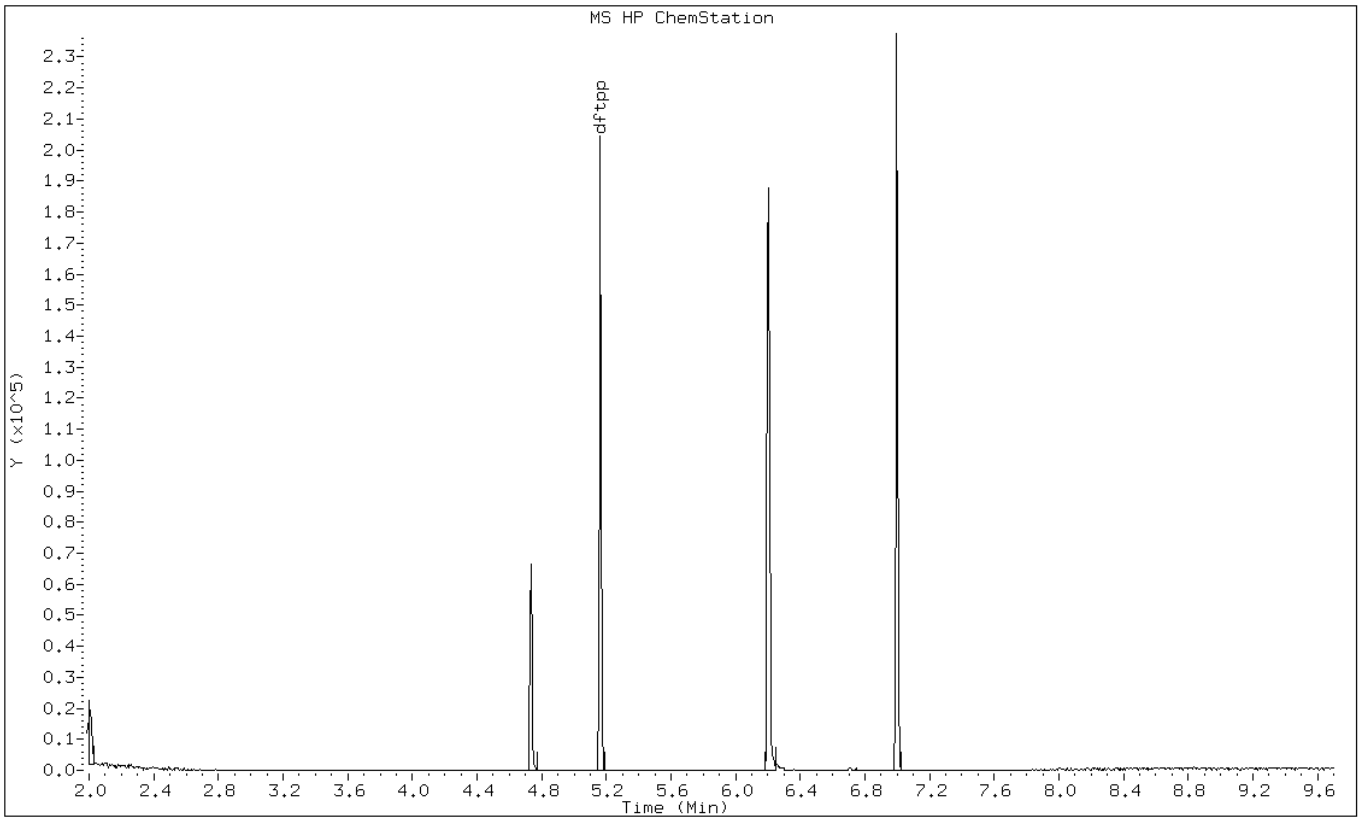
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.164	5.510	-0.346	198	18292			0.00- 100.00	100.00
5.164	5.510	-0.346	51	8558			30.00- 60.00	46.79
5.164	5.510	-0.346	68	0			0.00- 2.00	0.00
5.164	5.510	-0.346	69	7904			0.00- 0.00	43.21
5.164	5.510	-0.346	70	0			0.00- 2.00	0.00
5.164	5.510	-0.346	127	9152			40.00- 60.00	50.03
5.164	5.510	-0.346	197	0			0.00- 1.00	0.00
5.164	5.510	-0.346	199	1161			5.00- 9.00	6.35
5.164	5.510	-0.346	275	5228			10.00- 30.00	28.58
5.164	5.510	-0.346	365	750			1.00- 0.00	4.10
5.164	5.510	-0.346	441	2554			0.01- 100.00	74.22
5.164	5.510	-0.346	442	17424			40.00- 110.00	95.25
5.164	5.510	-0.346	443	3441			17.00- 23.00	19.75

Data File: p35606.d

Date: 21-MAR-2013 04:51

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2



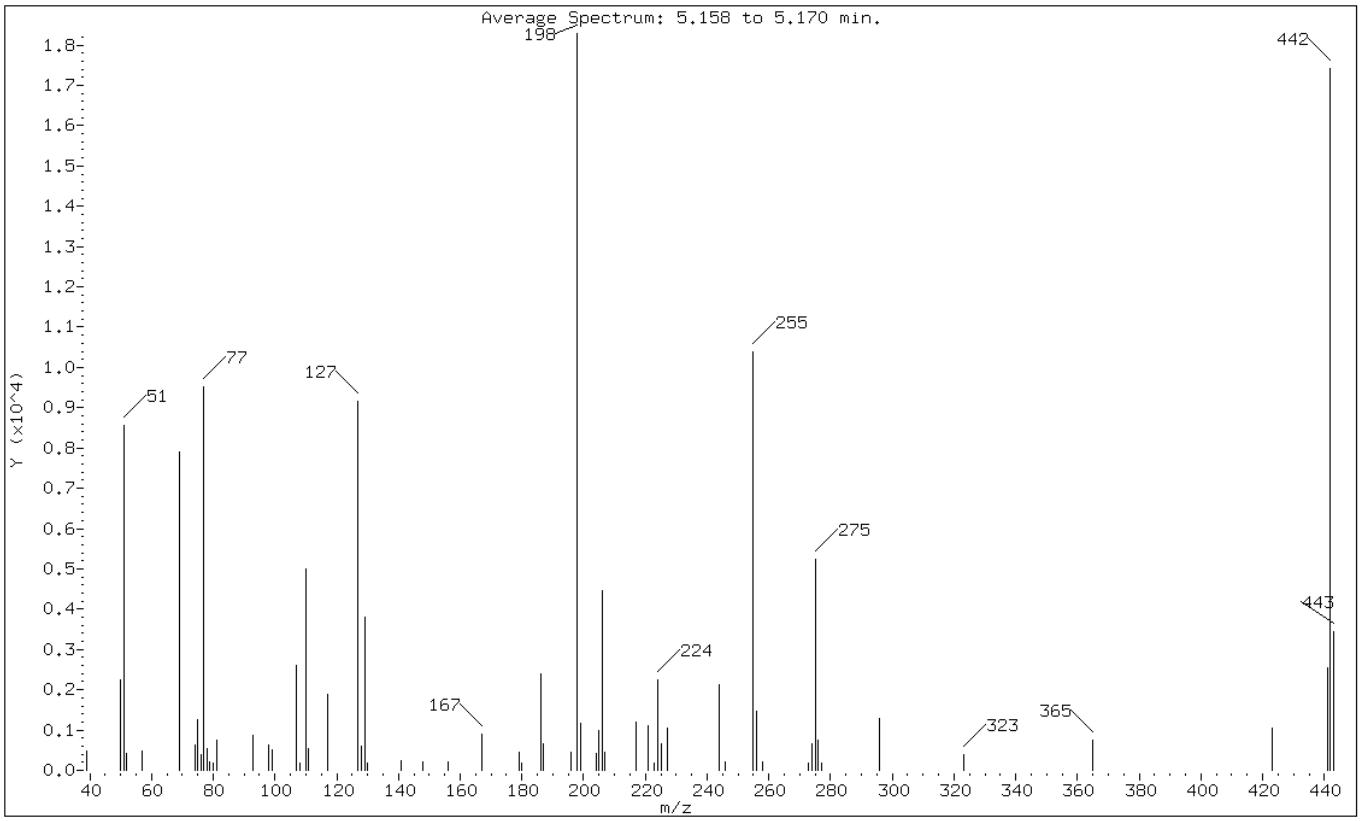
Data File: p35606.d

Date: 21-MAR-2013 04:51

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 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	46.79
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.21
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.03
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.35
275	10.00 - 30.00% of mass 198	28.58
365	Greater than 1.00% of mass 198	4.10
441	0.01 - 100.00% of mass 443	13.96 (74.22)
442	40.00 - 110.00% of mass 198	95.25
443	17.00 - 23.00% of mass 442	18.81 (19.75)

Data File: p35606.d

Date: 21-MAR-2013 04:51

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35606.d
Spectrum: Average Spectrum: 5.158 to 5.170 min.
Location of Maximum: 198.00
Number of points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	473	107.00	2607	196.00	438	258.00	208
50.00	2253	108.00	192	198.00	18288	273.00	178
51.00	8558	110.00	5007	199.00	1161	274.00	671
52.00	408	111.00	553	204.00	418	275.00	5228
57.00	484	117.00	1897	205.00	987	276.00	741
69.00	7904	127.00	9152	206.00	4462	277.00	169
74.00	618	128.00	593	207.00	441	296.00	1274
75.00	1247	129.00	3794	217.00	1189	323.00	393
76.00	397	130.00	189	221.00	1097	365.00	750
77.00	9525	141.00	253	223.00	168	423.00	1060
78.00	524	148.00	208	224.00	2238	441.00	2554
79.00	217	156.00	199	225.00	644	442.00	17424
80.00	172	167.00	887	227.00	1040	443.00	3441
81.00	741	179.00	455	244.00	2129		
93.00	881	180.00	186	246.00	215		
98.00	628	186.00	2404	255.00	10390		
99.00	512	187.00	672	256.00	1470		

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35634.d
Report Date: 21-Mar-2013 19:02

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35634.d
Lab Smp Id: DFTPP-1896725
Inj Date : 21-MAR-2013 17:48
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1896725
Misc Info : BNA 4725
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/BNADFTPP.m
Meth Date : 09-Mar-2013 14:06 rusin Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.140	5.510	-0.370	198	21400			0.00- 100.00	96.25
5.140	5.510	-0.370	51	9812			30.00- 60.00	45.85
5.140	5.510	-0.370	68	0			0.00- 2.00	0.00
5.140	5.510	-0.370	69	9084			0.00- 0.00	42.45
5.140	5.510	-0.370	70	0			0.00- 2.00	0.00
5.140	5.510	-0.370	127	10868			40.00- 60.00	50.79
5.140	5.510	-0.370	197	0			0.00- 1.00	0.00
5.140	5.510	-0.370	199	1389			5.00- 9.00	6.49
5.140	5.510	-0.370	275	5883			10.00- 30.00	27.49
5.140	5.510	-0.370	365	771			1.00- 0.00	3.60
5.140	5.510	-0.370	441	3079			0.01- 100.00	74.91
5.140	5.510	-0.370	442	22233			40.00- 110.00	103.89
5.140	5.510	-0.370	443	4110			17.00- 23.00	18.49

Data File: p35634.d

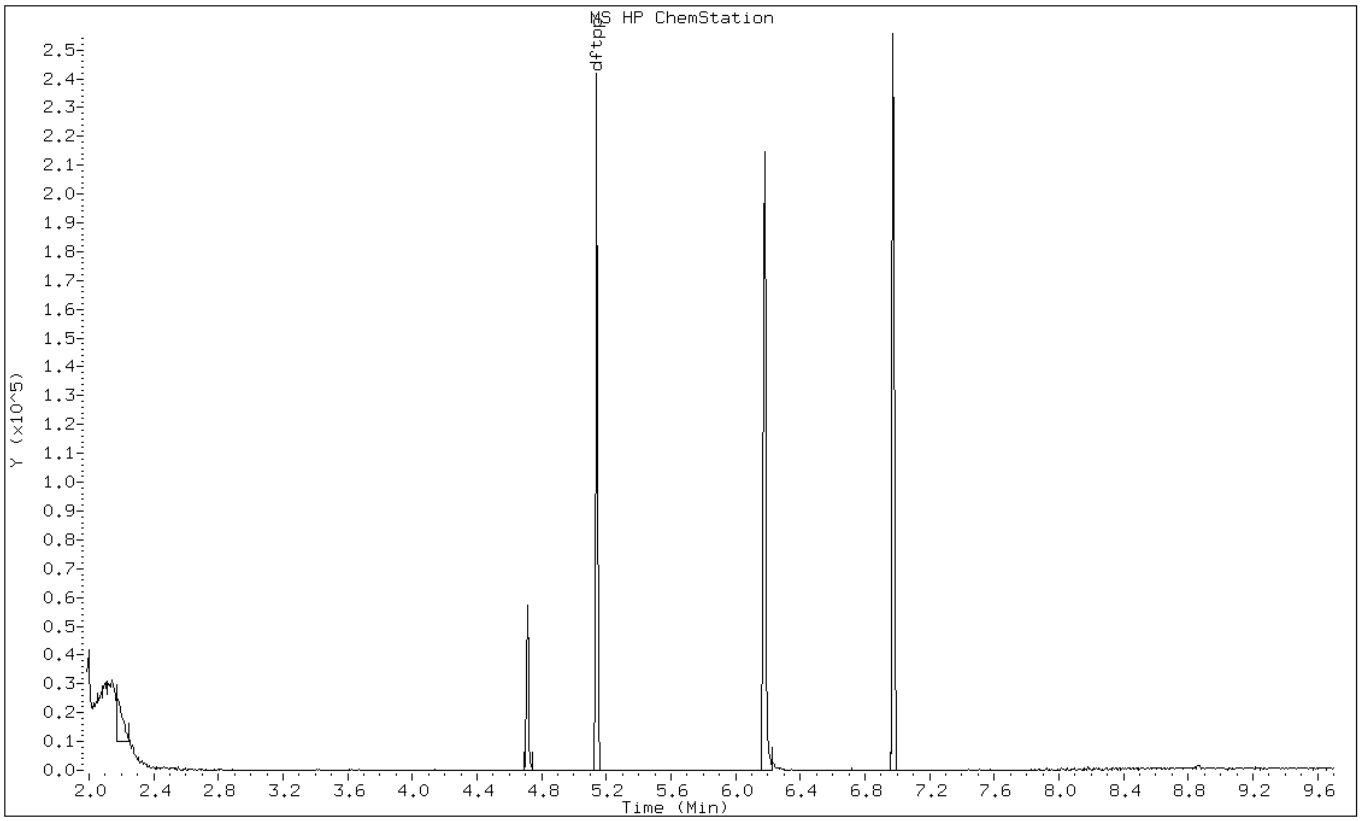
Date: 21-MAR-2013 17:48

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1896725

Operator: BNA2



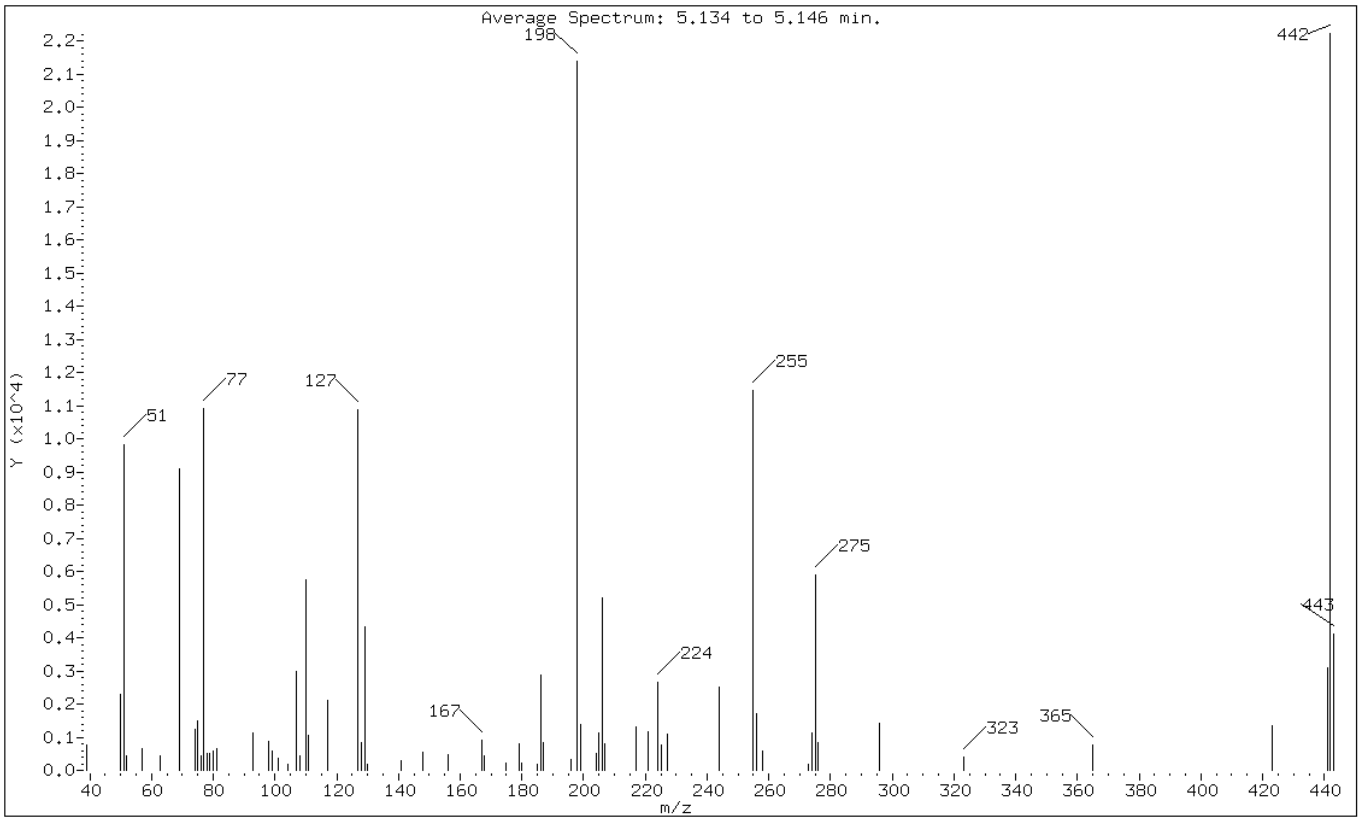
Data File: p35634.d

Date: 21-MAR-2013 17:48

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 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	45.85
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	42.45
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.79
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.49
275	10.00 - 30.00% of mass 198	27.49
365	Greater than 1.00% of mass 198	3.60
441	0.01 - 100.00% of mass 443	14.39 (74.91)
442	40.00 - 110.00% of mass 198	103.89
443	17.00 - 23.00% of mass 442	19.21 (18.49)

Data File: p35634.d

Date: 21-MAR-2013 17:48

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13a.b/p35634.d
Spectrum: Average Spectrum: 5.134 to 5.146 min.
Location of Maximum: 442.00
Number of points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	753	99.00	586	175.00	203	227.00	1093
50.00	2303	101.00	372	179.00	808	244.00	2527
51.00	9812	104.00	172	180.00	226	255.00	11445
52.00	452	107.00	2981	185.00	200	256.00	1724
57.00	648	108.00	427	186.00	2873	258.00	565
63.00	433	110.00	5760	187.00	820	273.00	188
69.00	9084	111.00	1047	196.00	327	274.00	1117
74.00	1222	117.00	2122	198.00	21400	275.00	5883
75.00	1485	127.00	10868	199.00	1389	276.00	851
76.00	424	128.00	854	204.00	511	296.00	1401
77.00	10916	129.00	4326	205.00	1132	323.00	389
78.00	520	130.00	183	206.00	5188	365.00	771
79.00	524	141.00	273	207.00	805	423.00	1354
80.00	574	148.00	551	217.00	1325	441.00	3079
81.00	653	156.00	472	221.00	1147	442.00	22232
93.00	1116	167.00	912	224.00	2661	443.00	4110
98.00	884	168.00	443	225.00	755		

Data File: /chem/BNAMS11.i/8270/03-21-13/21mar13.b/z19994.d
Report Date: 21-Mar-2013 13:11

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-21-13/21mar13.b/z19994.d
Lab Smp Id: DFTPP-1896725
Inj Date : 21-MAR-2013 12:11
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-1896725
Misc Info : 25ppm bna4725
Comment :
Method : /chem/BNAMS11.i/8270/03-21-13/21mar13.b/BNADFTPP.m
Meth Date : 07-Mar-2013 13:01 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
6.063	6.200	-0.137	198	9995			0.00- 100.00	100.00
6.063	6.200	-0.137	51	5286			30.00- 60.00	52.89
6.063	6.200	-0.137	68	0			0.00- 2.00	0.00
6.063	6.200	-0.137	69	4567			0.00- 0.00	45.69
6.063	6.200	-0.137	70	0			0.00- 2.00	0.00
6.063	6.200	-0.137	127	5200			40.00- 60.00	52.03
6.063	6.200	-0.137	197	45			0.00- 1.00	0.45
6.063	6.200	-0.137	199	639			5.00- 9.00	6.39
6.063	6.200	-0.137	275	2522			10.00- 30.00	25.23
6.063	6.200	-0.137	365	490			1.00- 0.00	4.90
6.063	6.200	-0.137	441	1075			0.01- 100.00	73.93
6.063	6.200	-0.137	442	7921			40.00- 110.00	79.25
6.063	6.200	-0.137	443	1454			17.00- 23.00	18.36

Data File: z19994.d

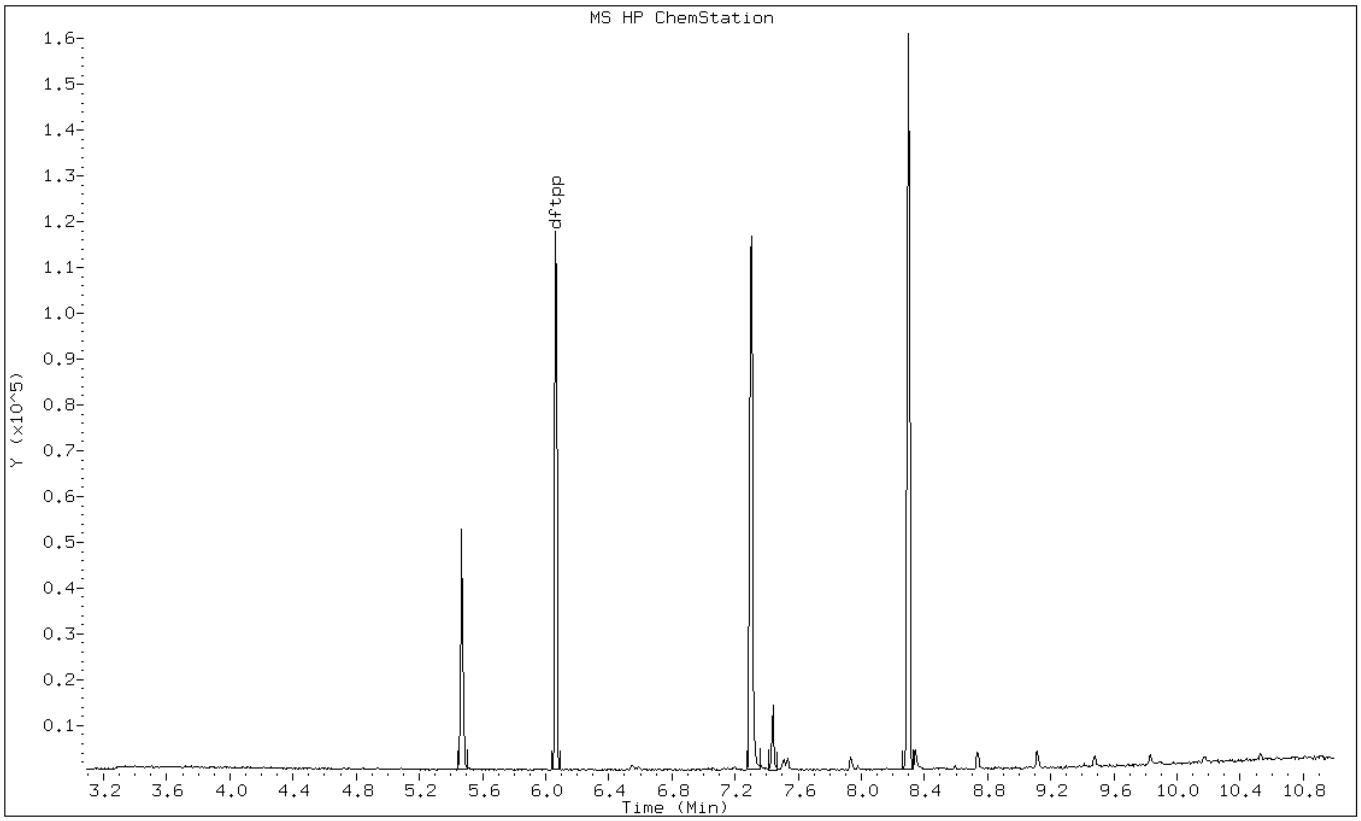
Date: 21-MAR-2013 12:11

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1896725

Operator: BNA2



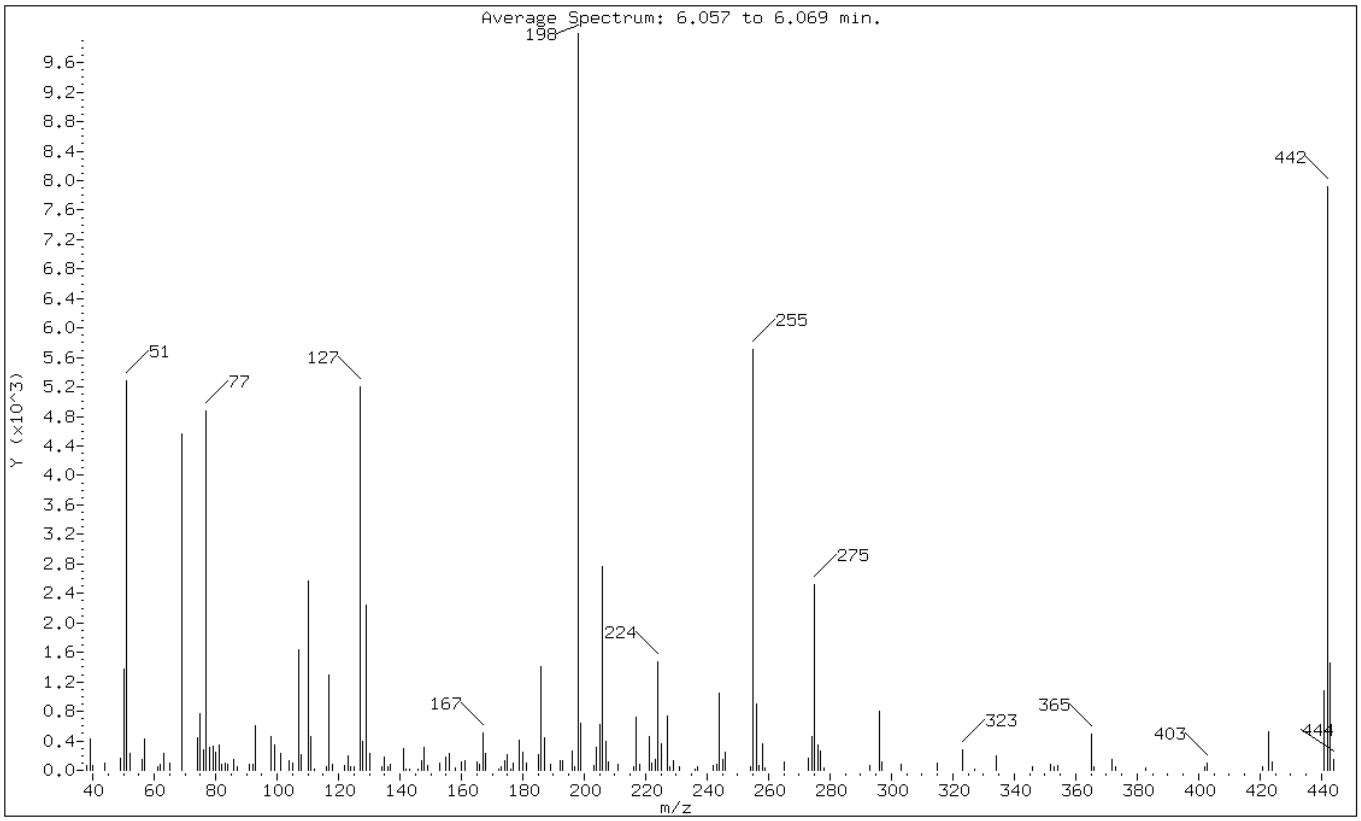
Data File: z19994.d

Date: 21-MAR-2013 12:11

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 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	52.89
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	45.69
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.03
197	Less than 1.00% of mass 198	0.45
199	5.00 - 9.00% of mass 198	6.39
275	10.00 - 30.00% of mass 198	25.23
365	Greater than 1.00% of mass 198	4.90
441	0.01 - 100.00% of mass 443	10.76 (73.93)
442	40.00 - 110.00% of mass 198	79.25
443	17.00 - 23.00% of mass 442	14.55 (18.36)

Data File: z19994.d

Date: 21-MAR-2013 12:11

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-21-13/21mar13.b/z19994.d
Spectrum: Average Spectrum: 6.057 to 6.069 min.
Location of Maximum: 198.00
Number of points: 157

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	61	112.00	17	180.00	243	256.00	900
39.00	418	116.00	57	181.00	94	257.00	72
40.00	68	117.00	1290	185.00	205	258.00	360
44.00	105	118.00	74	186.00	1409	259.00	40
49.00	164	122.00	64	187.00	439	265.00	122
50.00	1379	123.00	195	189.00	78	273.00	163
51.00	5286	124.00	56	192.00	125	274.00	465
52.00	222	125.00	54	193.00	131	275.00	2522
56.00	143	127.00	5200	196.00	261	276.00	345
57.00	430	128.00	400	197.00	45	277.00	264
61.00	49	129.00	2242	198.00	9995	278.00	40
62.00	80	130.00	222	199.00	639	293.00	67
63.00	227	134.00	46	203.00	64	296.00	808
65.00	99	135.00	182	204.00	314	297.00	113
69.00	4567	136.00	46	205.00	614	303.00	87
74.00	449	137.00	77	206.00	2767	315.00	99
75.00	766	141.00	297	207.00	392	323.00	277
76.00	271	142.00	19	208.00	113	327.00	18
77.00	4870	143.00	17	211.00	88	334.00	189
78.00	308	146.00	18	216.00	41	346.00	46
79.00	331	147.00	137	217.00	717	352.00	78
80.00	242	148.00	318	218.00	86	353.00	53
81.00	338	149.00	72	221.00	450	354.00	73
82.00	79	153.00	95	222.00	94	365.00	490
83.00	100	155.00	172	223.00	150	366.00	48
84.00	76	156.00	232	224.00	1479	372.00	142
86.00	152	158.00	25	225.00	362	373.00	50
87.00	57	160.00	117	227.00	728	383.00	40
91.00	87	161.00	130	228.00	42	402.00	44
92.00	87	165.00	122	229.00	126	403.00	91
93.00	608	166.00	85	231.00	45	421.00	56
98.00	463	167.00	510	236.00	21	423.00	518
99.00	350	168.00	230	237.00	50	424.00	107
101.00	225	172.00	17	242.00	73	441.00	1075
104.00	132	173.00	46	243.00	75	442.00	7921
105.00	99	174.00	133	244.00	1051	443.00	1454
107.00	1630	175.00	215	245.00	155	444.00	140
108.00	215	176.00	16	246.00	250		
110.00	2570	177.00	105	254.00	56		
111.00	454	179.00	412	255.00	5717		

Data File: /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20024.d
Report Date: 22-Mar-2013 00:42

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20024.d
Lab Smp Id: DFTPP-1896725
Inj Date : 22-MAR-2013 00:15
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-1896725
Misc Info : 25ppm bna4725
Comment :
Method : /chem/BNAMS11.i/8270/03-21-13/22mar13.b/BNADFTPP.m
Meth Date : 07-Mar-2013 13:01 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
6.057	6.200	-0.143	198	9518			0.00- 100.00	100.00
6.057	6.200	-0.143	51	5508			30.00- 60.00	57.87
6.057	6.200	-0.143	68	90			0.00- 2.00	1.91
6.057	6.200	-0.143	69	4702			0.00- 0.00	49.40
6.057	6.200	-0.143	70	0			0.00- 2.00	0.00
6.057	6.200	-0.143	127	5491			40.00- 60.00	57.69
6.057	6.200	-0.143	197	30			0.00- 1.00	0.32
6.057	6.200	-0.143	199	735			5.00- 9.00	7.72
6.057	6.200	-0.143	275	2368			10.00- 30.00	24.88
6.057	6.200	-0.143	365	449			1.00- 0.00	4.72
6.057	6.200	-0.143	441	1239			0.01- 100.00	85.27
6.057	6.200	-0.143	442	8135			40.00- 110.00	85.47
6.057	6.200	-0.143	443	1453			17.00- 23.00	17.86

Data File: z20024.d

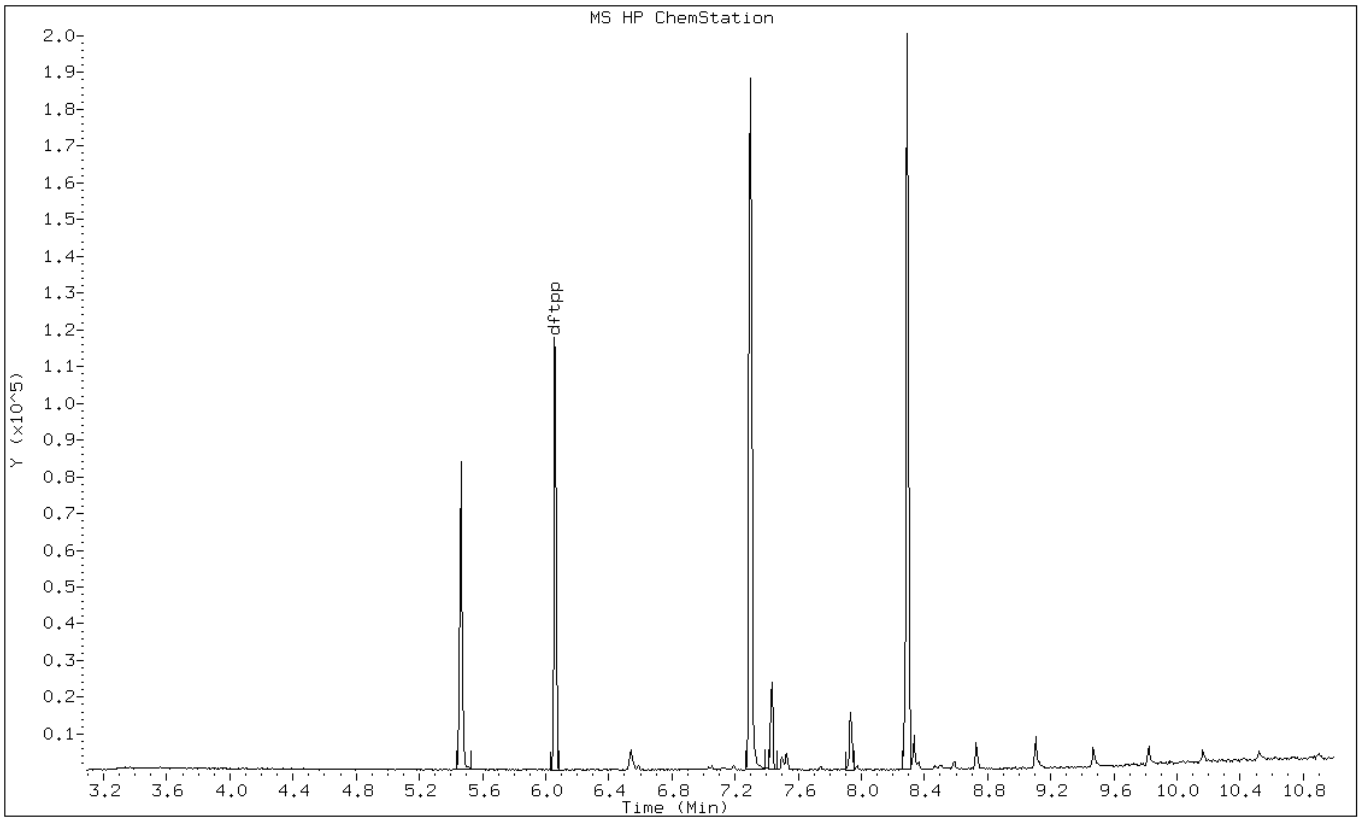
Date: 22-MAR-2013 00:15

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1896725

Operator: BNAMS3



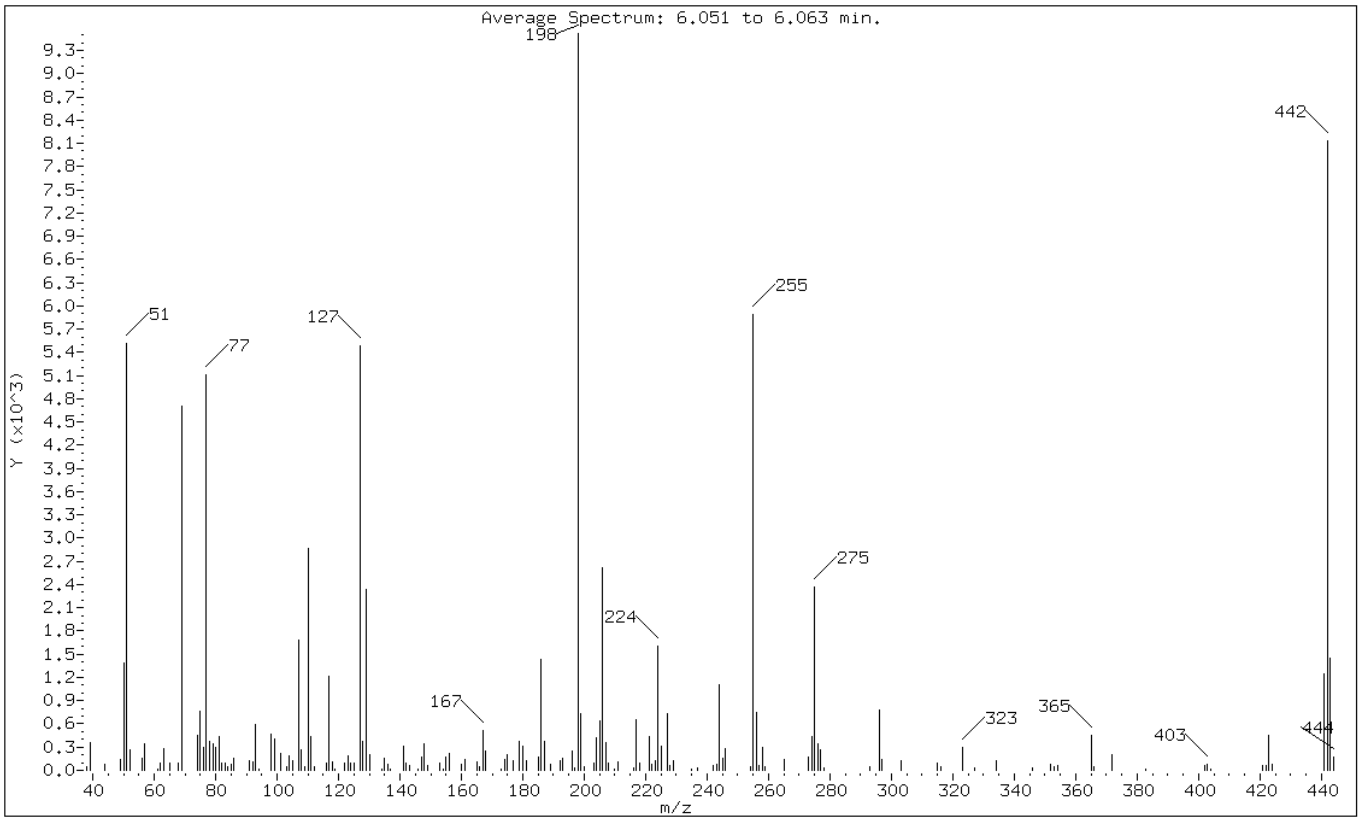
Data File: z20024.d

Date: 22-MAR-2013 00:15

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 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	57.87
68	Less than 2.00% of mass 69	0.95 (1.91)
69	Mass 69 relative abundance	49.40
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	57.69
197	Less than 1.00% of mass 198	0.32
199	5.00 - 9.00% of mass 198	7.72
275	10.00 - 30.00% of mass 198	24.88
365	Greater than 1.00% of mass 198	4.72
441	0.01 - 100.00% of mass 443	13.02 (85.27)
442	40.00 - 110.00% of mass 198	85.47
443	17.00 - 23.00% of mass 442	15.27 (17.86)

Data File: z20024.d

Date: 22-MAR-2013 00:15

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20024.d
Spectrum: Average Spectrum: 6.051 to 6.063 min.
Location of Maximum: 198.00
Number of points: 162

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	53	110.00	2870	180.00	307	256.00	753
39.00	351	111.00	438	181.00	123	257.00	66
44.00	81	112.00	49	185.00	169	258.00	302
49.00	135	116.00	99	186.00	1432	259.00	43
50.00	1392	117.00	1211	187.00	379	265.00	138
51.00	5508	118.00	105	189.00	76	273.00	169
52.00	259	119.00	19	192.00	126	274.00	433
56.00	153	122.00	90	193.00	148	275.00	2368
57.00	346	123.00	193	196.00	253	276.00	344
61.00	16	124.00	89	197.00	30	277.00	272
62.00	88	125.00	91	198.00	9518	278.00	35
63.00	286	127.00	5491	199.00	735	293.00	40
65.00	95	128.00	371	200.00	39	296.00	782
68.00	90	129.00	2335	203.00	99	297.00	144
69.00	4702	130.00	195	204.00	424	303.00	124
74.00	446	134.00	20	205.00	638	315.00	95
75.00	767	135.00	158	206.00	2621	316.00	41
76.00	296	136.00	78	207.00	353	323.00	298
77.00	5108	137.00	22	208.00	93	327.00	24
78.00	374	141.00	315	210.00	21	334.00	127
79.00	343	142.00	88	211.00	109	346.00	25
80.00	289	143.00	58	216.00	37	352.00	72
81.00	433	146.00	19	217.00	662	353.00	50
82.00	97	147.00	167	218.00	89	354.00	60
83.00	95	148.00	340	221.00	437	365.00	449
84.00	49	149.00	65	222.00	74	366.00	48
85.00	78	153.00	100	223.00	124	372.00	208
86.00	157	154.00	23	224.00	1608	383.00	18
91.00	123	155.00	178	225.00	304	402.00	56
92.00	103	156.00	220	227.00	736	403.00	71
93.00	589	160.00	81	228.00	70	404.00	20
94.00	21	161.00	138	229.00	130	421.00	70
98.00	471	165.00	111	235.00	20	422.00	55
99.00	407	166.00	52	237.00	29	423.00	447
101.00	216	167.00	519	242.00	62	424.00	74
103.00	53	168.00	256	243.00	81	441.00	1239
104.00	182	173.00	17	244.00	1105	442.00	8135
105.00	132	174.00	134	245.00	161	443.00	1453
107.00	1681	175.00	204	246.00	276	444.00	174
108.00	258	177.00	132	254.00	49		

109.00 51	179.00 380	255.00 5888	

Data File: /chem/BNAMS11.i/8270/03-23-13a/23mar13.b/z20069.d
Report Date: 23-Mar-2013 17:43

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-23-13a/23mar13.b/z20069.d
Lab Smp Id: DFTPP-1896725
Inj Date : 23-MAR-2013 17:31
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-1896725
Misc Info : 25ppm bna4725
Comment :
Method : /chem/BNAMS11.i/8270/03-23-13a/23mar13.b/BNADFTPP.m
Meth Date : 07-Mar-2013 13:01 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.987	6.200	-0.213	198	12498			0.00- 100.00	100.00
5.987	6.200	-0.213	51	6028			30.00- 60.00	48.23
5.987	6.200	-0.213	68	102			0.00- 2.00	1.80
5.987	6.200	-0.213	69	5675			0.00- 0.00	45.41
5.987	6.200	-0.213	70	26			0.00- 2.00	0.46
5.987	6.200	-0.213	127	6469			40.00- 60.00	51.76
5.987	6.200	-0.213	197	24			0.00- 1.00	0.19
5.987	6.200	-0.213	199	839			5.00- 9.00	6.71
5.987	6.200	-0.213	275	3443			10.00- 30.00	27.55
5.987	6.200	-0.213	365	570			1.00- 0.00	4.56
5.987	6.200	-0.213	441	1764			0.01- 100.00	78.68
5.987	6.200	-0.213	442	12119			40.00- 110.00	96.97
5.987	6.200	-0.213	443	2242			17.00- 23.00	18.50

Data File: z20069.d

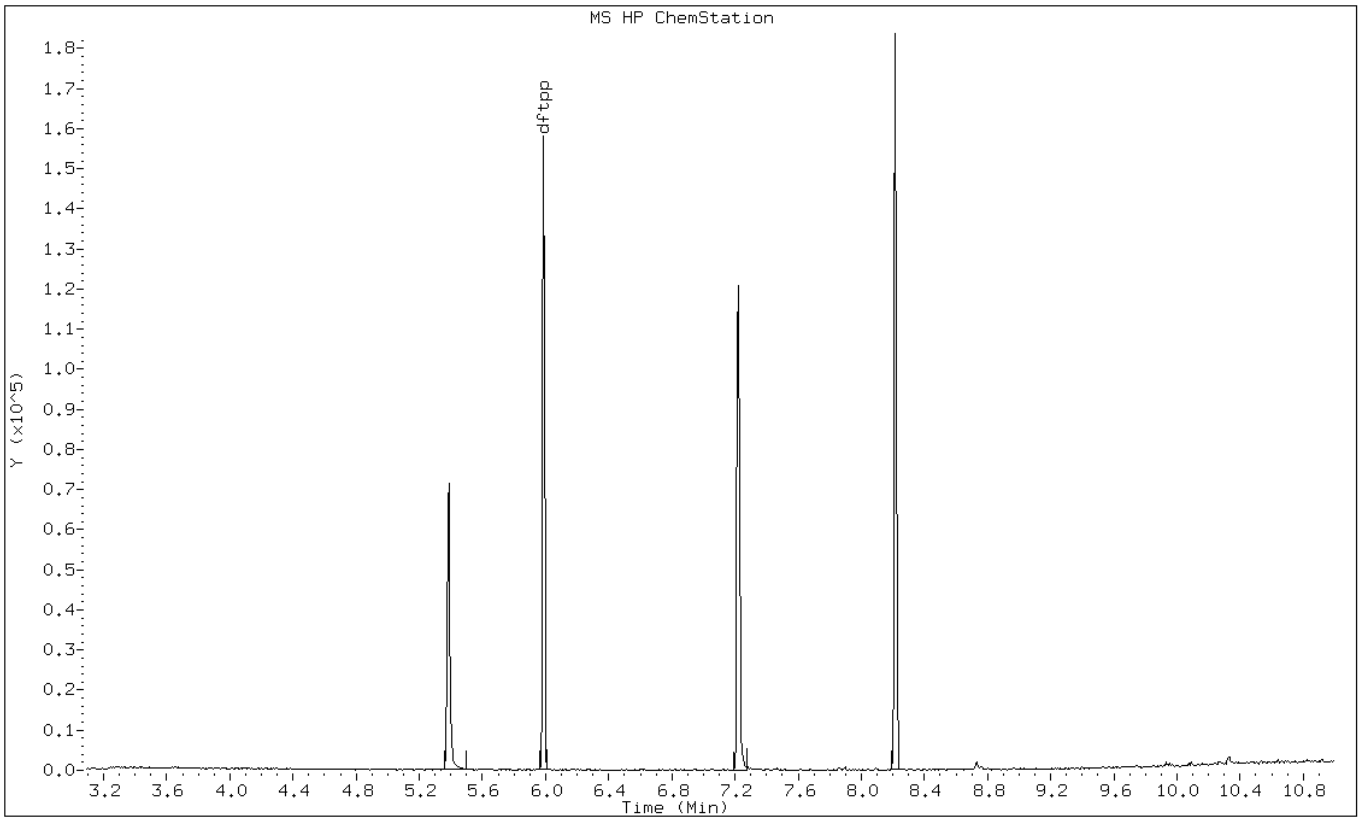
Date: 23-MAR-2013 17:31

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1896725

Operator: BNAMS3



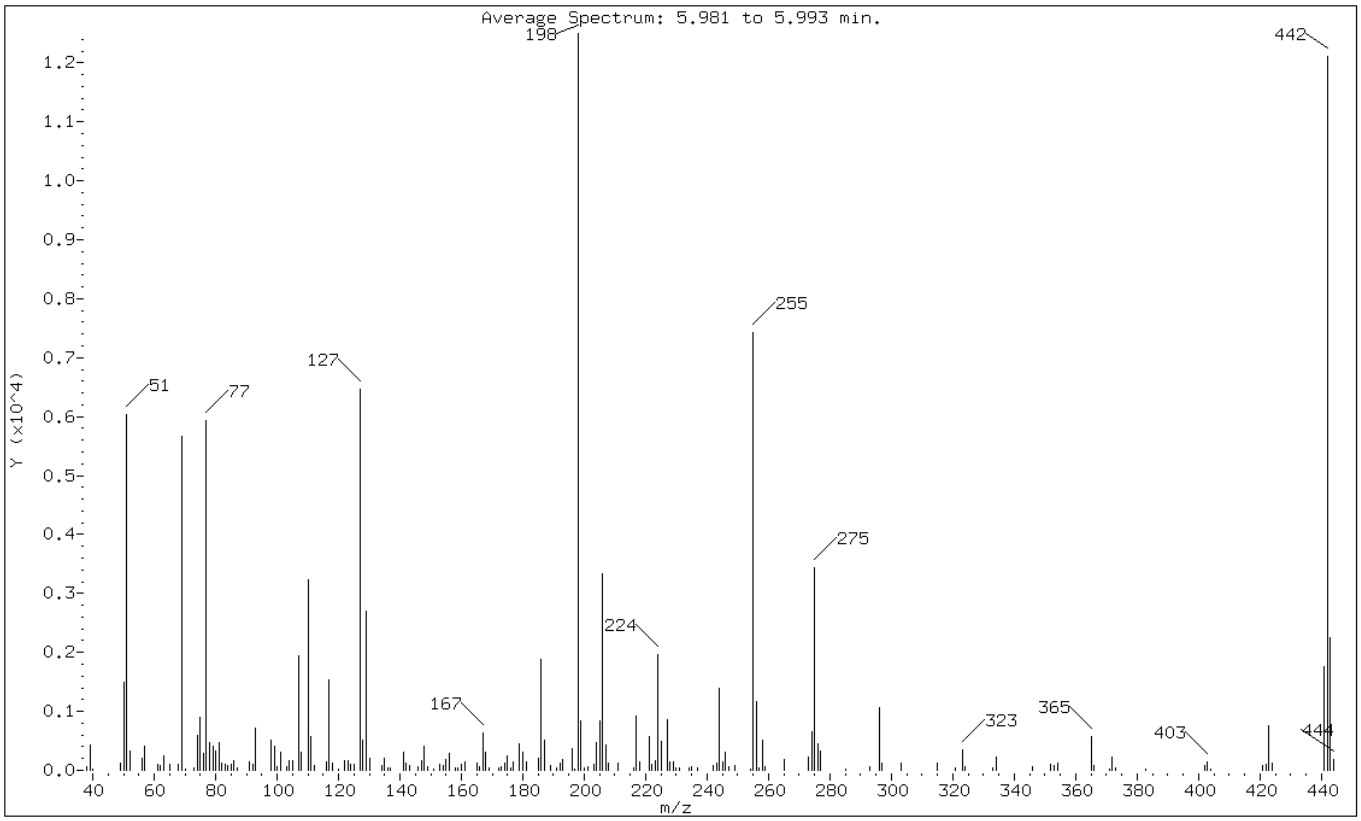
Data File: z20069.d

Date: 23-MAR-2013 17:31

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 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	48.23
68	Less than 2.00% of mass 69	0.82 (1.80)
69	Mass 69 relative abundance	45.41
70	Less than 2.00% of mass 69	0.21 (0.46)
127	40.00 - 60.00% of mass 198	51.76
197	Less than 1.00% of mass 198	0.19
199	5.00 - 9.00% of mass 198	6.71
275	10.00 - 30.00% of mass 198	27.55
365	Greater than 1.00% of mass 198	4.56
441	0.01 - 100.00% of mass 443	14.11 (78.68)
442	40.00 - 110.00% of mass 198	96.97
443	17.00 - 23.00% of mass 442	17.94 (18.50)

Data File: z20069.d

Date: 23-MAR-2013 17:31

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/03-23-13a/23mar13.b/z20069.d
Spectrum: Average Spectrum: 5.981 to 5.993 min.
Location of Maximum: 198.00
Number of points: 179

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	66	112.00	91	180.00	304	254.00	20
39.00	430	116.00	143	181.00	151	255.00	7432
40.00	16	117.00	1536	185.00	198	256.00	1166
49.00	131	118.00	114	186.00	1872	257.00	47
50.00	1490	120.00	19	187.00	503	258.00	518
51.00	6028	122.00	165	189.00	88	259.00	64
52.00	326	123.00	172	191.00	35	265.00	178
56.00	200	124.00	109	192.00	126	273.00	229
57.00	405	125.00	111	193.00	184	274.00	648
61.00	95	127.00	6469	196.00	361	275.00	3443
62.00	83	128.00	514	197.00	24	276.00	456
63.00	237	129.00	2693	198.00	12498	277.00	320
65.00	110	130.00	211	199.00	839	285.00	22
68.00	102	134.00	77	200.00	49	293.00	64
69.00	5675	135.00	196	201.00	68	296.00	1073
70.00	26	136.00	43	203.00	98	297.00	125
73.00	50	137.00	38	204.00	465	303.00	127
74.00	596	141.00	312	205.00	838	315.00	121
75.00	891	142.00	126	206.00	3327	321.00	49
76.00	283	143.00	81	207.00	433	323.00	339
77.00	5939	146.00	60	208.00	123	324.00	63
78.00	476	147.00	163	211.00	124	333.00	35
79.00	407	148.00	413	216.00	31	334.00	222
80.00	324	149.00	60	217.00	912	346.00	67
81.00	461	151.00	18	218.00	139	352.00	112
82.00	131	153.00	96	221.00	580	353.00	83
83.00	112	154.00	75	222.00	104	354.00	128
84.00	79	155.00	188	223.00	171	365.00	570
85.00	112	156.00	293	224.00	1966	366.00	90
86.00	166	158.00	41	225.00	491	371.00	18
87.00	47	159.00	39	227.00	852	372.00	231
91.00	141	160.00	100	228.00	135	373.00	38
92.00	98	161.00	146	229.00	139	383.00	20
93.00	707	165.00	132	230.00	42	402.00	85
98.00	517	166.00	62	231.00	40	403.00	133
99.00	400	167.00	642	234.00	34	404.00	24
100.00	61	168.00	310	235.00	56	421.00	74
101.00	308	169.00	50	237.00	51	422.00	97
103.00	61	172.00	41	242.00	73	423.00	747
104.00	170	173.00	62	243.00	115	424.00	131

105.00	170	174.00	118	244.00	1399	441.00	1764
107.00	1939	175.00	255	245.00	152	442.00	12119
108.00	312	176.00	50	246.00	304	443.00	2242
110.00	3223	177.00	146	247.00	62	444.00	189
111.00	570	179.00	447	249.00	72		

Data File: /chem/BNAMS11.i/8270/03-23-13a/23mar13a.b/z20077.d
Report Date: 23-Mar-2013 21:22

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-23-13a/23mar13a.b/z20077.d
Lab Smp Id: DFTPP-1896725
Inj Date : 23-MAR-2013 21:11
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-1896725
Misc Info : 25ppm bna4725
Comment :
Method : /chem/BNAMS11.i/8270/03-23-13a/23mar13a.b/BNADFTPP.m
Meth Date : 07-Mar-2013 13:01 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.987	6.200	-0.213	198	13625			0.00- 100.00	94.49
5.987	6.200	-0.213	51	6487			30.00- 60.00	47.61
5.987	6.200	-0.213	68	89			0.00- 2.00	1.53
5.987	6.200	-0.213	69	5821			0.00- 0.00	42.72
5.987	6.200	-0.213	70	0			0.00- 2.00	0.00
5.987	6.200	-0.213	127	7184			40.00- 60.00	52.73
5.987	6.200	-0.213	197	61			0.00- 1.00	0.45
5.987	6.200	-0.213	199	949			5.00- 9.00	6.97
5.987	6.200	-0.213	275	3914			10.00- 30.00	28.73
5.987	6.200	-0.213	365	709			1.00- 0.00	5.20
5.987	6.200	-0.213	441	2121			0.01- 100.00	77.72
5.987	6.200	-0.213	442	14420			40.00- 110.00	105.83
5.987	6.200	-0.213	443	2729			17.00- 23.00	18.93

Data File: z20077.d

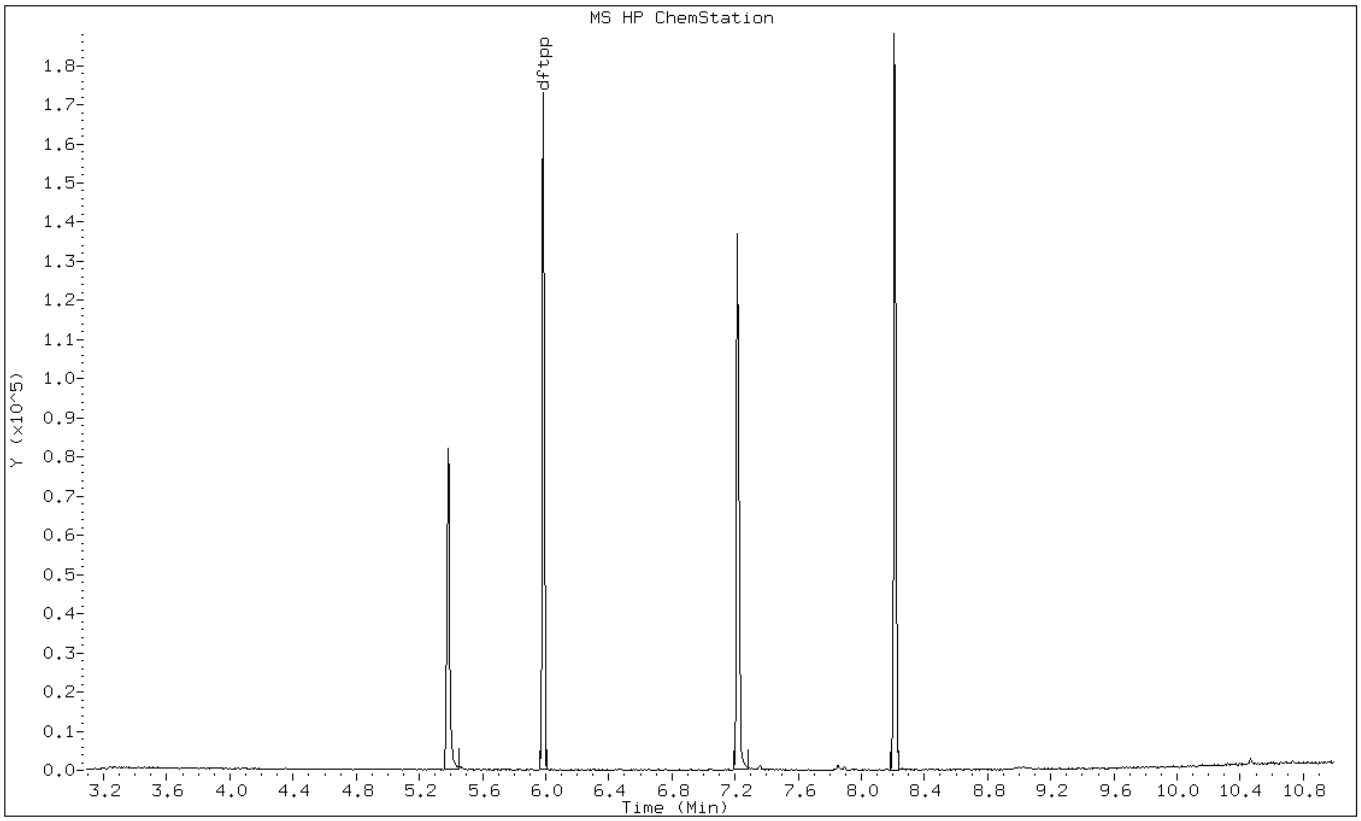
Date: 23-MAR-2013 21:11

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1896725

Operator: BNAMS3



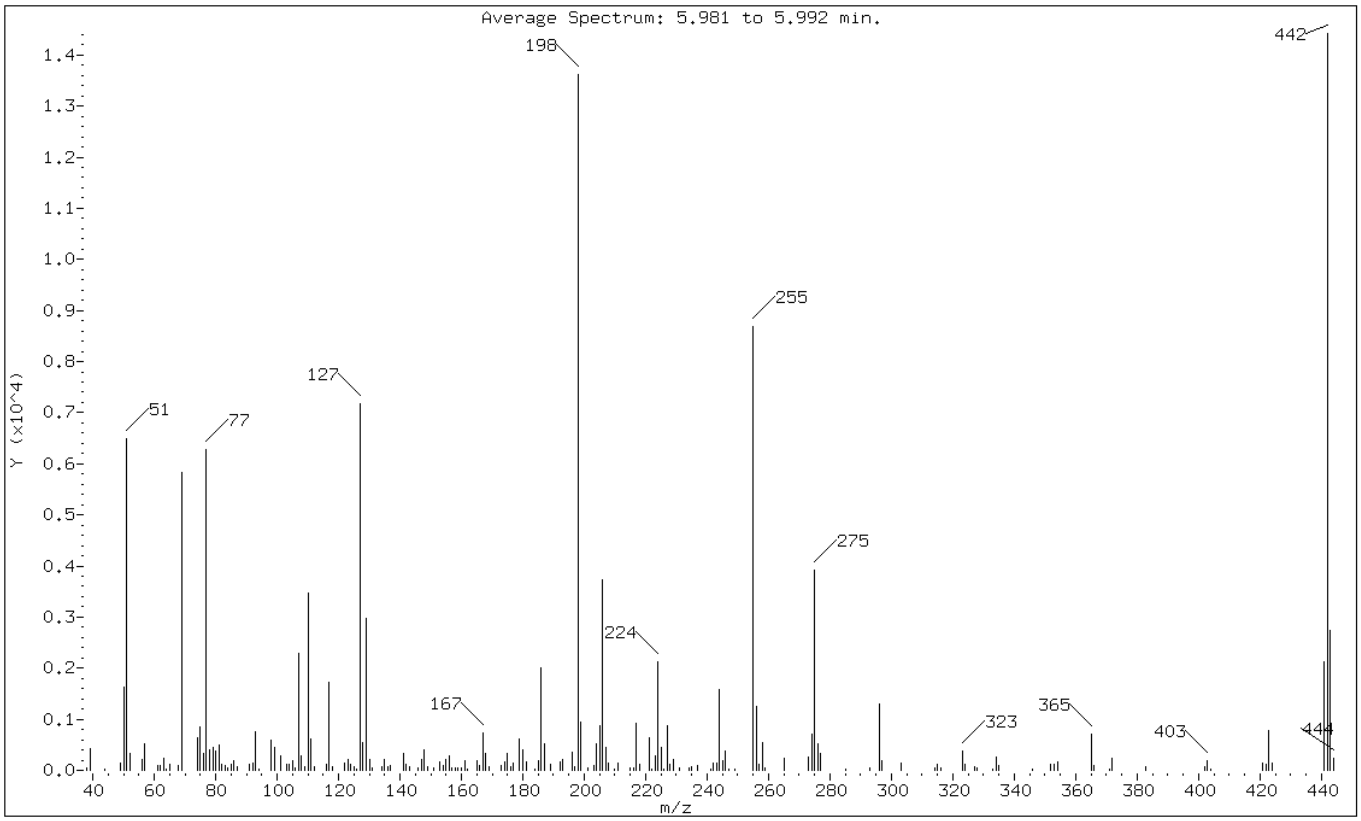
Data File: z20077.d

Date: 23-MAR-2013 21:11

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 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	47.61
68	Less than 2.00% of mass 69	0.65 (1.53)
69	Mass 69 relative abundance	42.72
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.73
197	Less than 1.00% of mass 198	0.45
199	5.00 - 9.00% of mass 198	6.97
275	10.00 - 30.00% of mass 198	28.73
365	Greater than 1.00% of mass 198	5.20
441	0.01 - 100.00% of mass 443	15.57 (77.72)
442	40.00 - 110.00% of mass 198	105.83
443	17.00 - 23.00% of mass 442	20.03 (18.93)

Data File: z20077.d

Date: 23-MAR-2013 21:11

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/03-23-13a/23mar13a.b/z20077.d
Spectrum: Average Spectrum: 5.981 to 5.992 min.
Location of Maximum: 442.00
Number of points: 186

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	57	116.00	121	181.00	156	256.00	1246
39.00	431	117.00	1734	184.00	19	257.00	117
44.00	17	118.00	75	185.00	194	258.00	532
49.00	148	122.00	142	186.00	2001	259.00	58
50.00	1627	123.00	212	187.00	514	265.00	226
51.00	6487	124.00	117	189.00	120	273.00	261
52.00	341	125.00	69	192.00	157	274.00	701
56.00	223	126.00	28	193.00	217	275.00	3914
57.00	514	127.00	7184	196.00	350	276.00	525
61.00	90	128.00	537	197.00	61	277.00	340
62.00	97	129.00	2978	198.00	13625	285.00	34
63.00	234	130.00	222	199.00	949	293.00	56
64.00	21	131.00	38	201.00	39	296.00	1293
65.00	121	134.00	64	203.00	104	297.00	184
68.00	89	135.00	224	204.00	510	303.00	147
69.00	5821	136.00	72	205.00	869	314.00	54
74.00	638	137.00	103	206.00	3731	315.00	112
75.00	852	141.00	340	207.00	460	316.00	36
76.00	326	142.00	123	208.00	152	323.00	367
77.00	6281	143.00	76	210.00	20	324.00	107
78.00	396	146.00	46	211.00	151	327.00	70
79.00	447	147.00	219	215.00	46	328.00	44
80.00	387	148.00	400	216.00	45	333.00	21
81.00	493	149.00	60	217.00	922	334.00	266
82.00	108	151.00	49	218.00	109	335.00	86
83.00	101	153.00	168	221.00	638	346.00	25
84.00	37	154.00	92	222.00	21	352.00	126
85.00	121	155.00	216	223.00	273	353.00	107
86.00	183	156.00	295	224.00	2116	354.00	158
87.00	68	157.00	36	225.00	447	365.00	709
91.00	116	158.00	51	226.00	29	366.00	90
92.00	150	159.00	56	227.00	885	371.00	18
93.00	762	160.00	58	228.00	120	372.00	237
94.00	25	161.00	189	229.00	202	383.00	60
98.00	591	162.00	17	231.00	59	402.00	76
99.00	460	165.00	186	234.00	56	403.00	191
101.00	292	166.00	101	235.00	74	404.00	18
103.00	111	167.00	728	237.00	97	421.00	139
104.00	125	168.00	337	241.00	16	422.00	108
105.00	199	169.00	60	242.00	140	423.00	787

106.00	44	173.00	83	243.00	130	424.00	152
107.00	2295	174.00	156	244.00	1575	441.00	2121
108.00	288	175.00	330	245.00	189	442.00	14420
109.00	63	176.00	71	246.00	387	443.00	2729
110.00	3469	177.00	143	247.00	27	444.00	238
111.00	610	179.00	611	249.00	16		
112.00	61	180.00	401	255.00	8687		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151520/1-A

Matrix: Solid | Lab File ID: p35609.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 06:25

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.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.8	U	33	3.8
95-50-1	1,2-Dichlorobenzene	38	U	330	38
541-73-1	1,3-Dichlorobenzene	30	U	330	30
106-46-7	1,4-Dichlorobenzene	37	U	330	37
121-14-2	2,4-Dinitrotoluene	11	U	67	11
606-20-2	2,6-Dinitrotoluene	10	U	67	10
91-58-7	2-Chloronaphthalene	37	U	330	37
91-57-6	2-Methylnaphthalene	43	U	330	43
88-74-4	2-Nitroaniline	140	U	670	140
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
99-09-2	3-Nitroaniline	120	U	670	120
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
106-47-8	4-Chloroaniline	88	U	330	88
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
83-32-9	Acenaphthene	48	U	330	48
208-96-8	Acenaphthylene	39	U	330	39
120-12-7	Anthracene	40	U	330	40
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
108-60-1	bis (2-chloroisopropyl) ether	37	U	330	37
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
85-68-7	Butyl benzyl phthalate	30	U	330	30
86-74-8	Carbazole	39	U	330	39
218-01-9	Chrysene	39	U	330	39
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
131-11-3	Dimethyl phthalate	39	U	330	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151520/1-A

Matrix: Solid | Lab File ID: p35609.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 06:25

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.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	41	U	330	41
117-84-0	Di-n-octyl phthalate	21	U	330	21
206-44-0	Fluoranthene	44	U	330	44
86-73-7	Fluorene	42	U	330	42
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
67-72-1	Hexachloroethane	3.7	U	33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
78-59-1	Isophorone	40	U	330	40
91-20-3	Naphthalene	38	U	330	38
98-95-3	Nitrobenzene	4.7	U	33	4.7
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-01-8	Phenanthrene	42	U	330	42
129-00-0	Pyrene	28	U	330	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	68		40-109
4165-60-0	Nitrobenzene-d5	71		38-105
1718-51-0	Terphenyl-d14	67		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151520/1-A

Matrix: Solid | Lab File ID: p35609.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 06:25

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.: 152178 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 8849

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate-1	1.84	609	A J
	Unknown Aldol Condensate-2	2.82	7120	A J
	Unknown Aldol Condensate-3	3.43	1120	A J

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35609.d
Report Date: 21-Mar-2013 17:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35609.d
Lab Smp Id: MB 460-151520/1-A
Inj Date : 21-MAR-2013 06:25
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-151520/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/8270C_11.m
Meth Date : 21-Mar-2013 06:41 asfawa Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 4 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

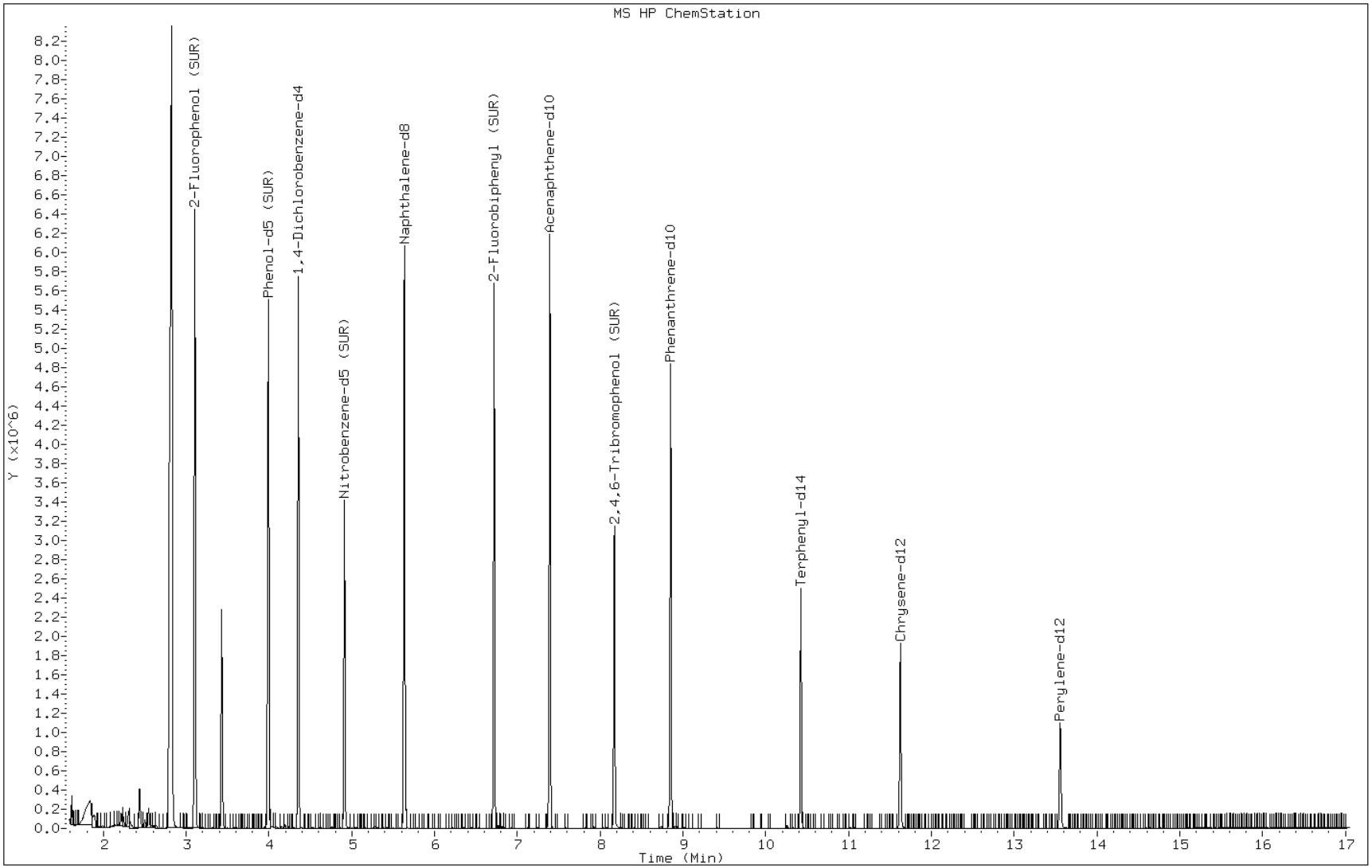
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.107	3.060	(0.713)	1965763	63.3388	4200
$ 17 Phenol-d5 (SUR)	99	3.994	4.006	(0.916)	2316629	65.1202	4300
* 79 1,4-Dichlorobenzene-d4	152	4.358	4.358	(1.000)	915396	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.911	4.928	(0.871)	1075144	35.4540	2400
* 80 Naphthalene-d8	136	5.639	5.645	(1.000)	2853727	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.720	6.726	(0.909)	1827377	34.1757	2300
* 82 Acenaphthene-d10	164	7.390	7.396	(1.000)	1576359	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.172	8.177	(1.106)	432184	65.9467	4400
* 83 Phenanthrene-d10	188	8.853	8.859	(1.000)	1886895	40.0000	
$ 78 Terphenyl-d14	244	10.422	10.422	(0.896)	897056	33.6134	2200
* 81 Chrysene-d12	240	11.627	11.626	(1.000)	842922	40.0000	
* 84 Perylene-d12	264	13.554	13.553	(1.000)	614560	40.0000	

Data File: p35609.d

Date: 21-MAR-2013 06:25

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151520/1-A Operator: BNAMS 4



Data File: p35609.d

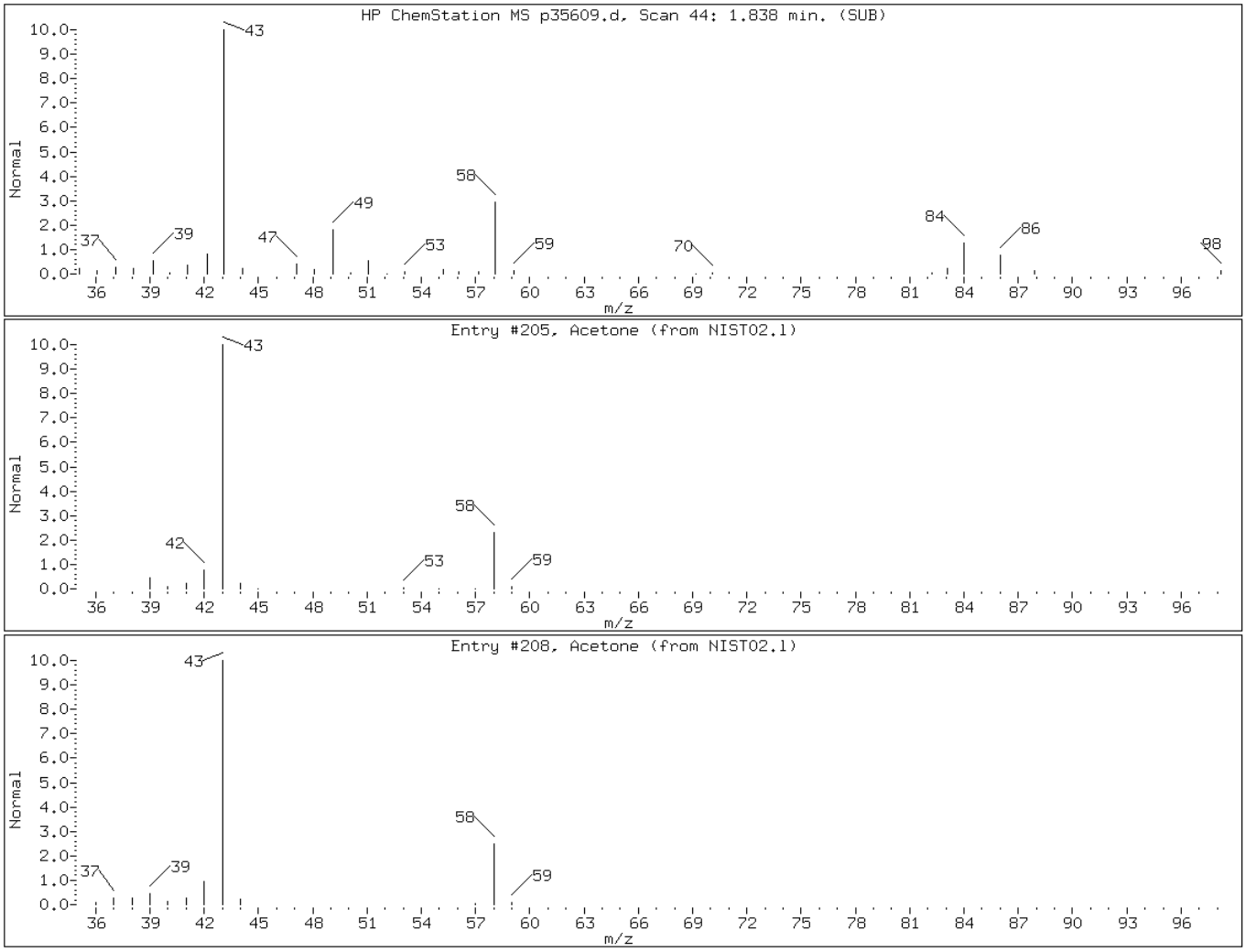
Date: 21-MAR-2013 06:25

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151520/1-A Operator: BNAMS 4

Retention Time: 1.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-1						
Acetone	67-64-1	NIST02.l	205	43	C3H6O	58
Acetone	67-64-1	NIST02.l	208	38	C3H6O	58



Data File: p35609.d

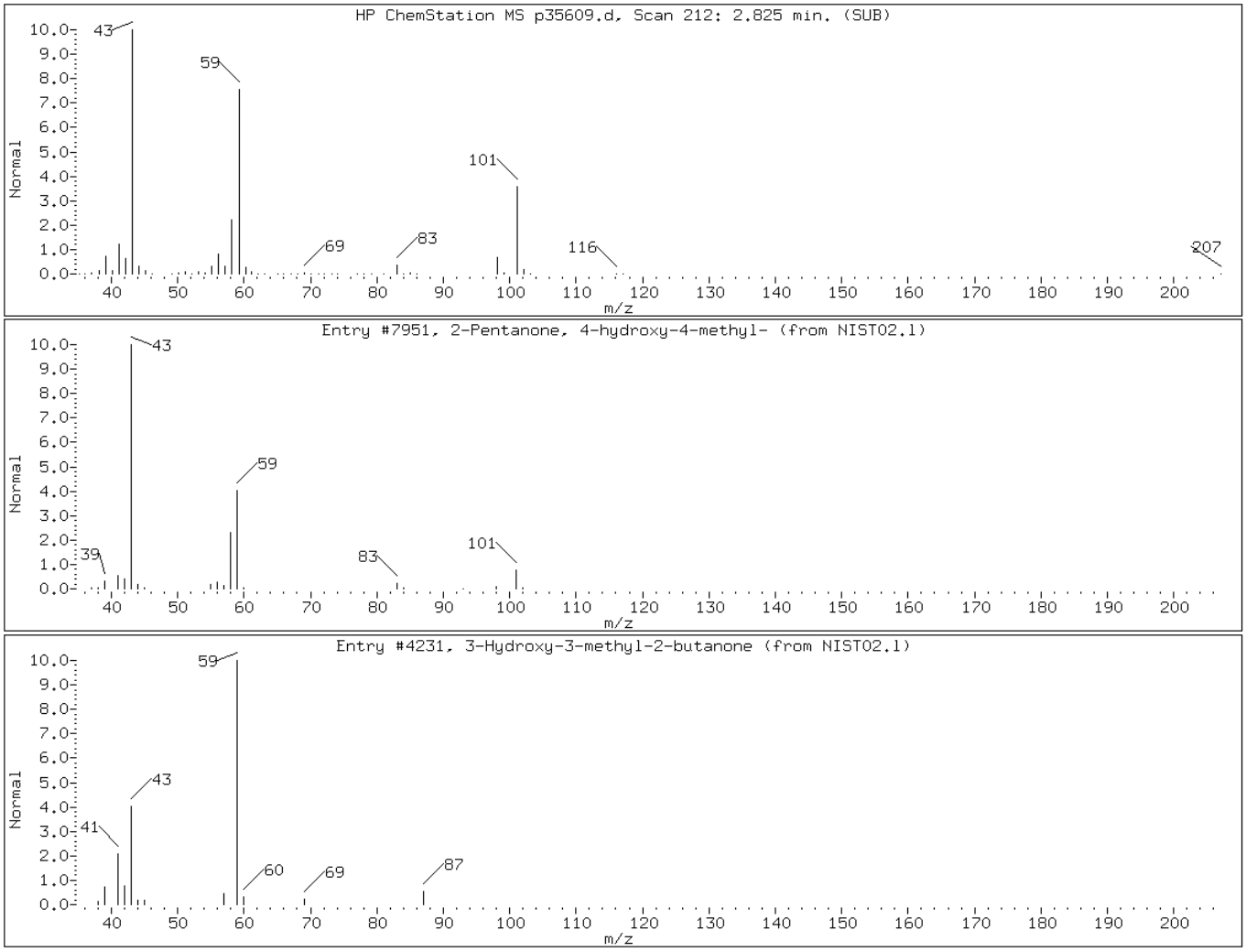
Date: 21-MAR-2013 06:25

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151520/1-A Operator: BNAMS 4

Retention Time: 2.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-2						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	39	C6H12O2	116
3-Hydroxy-3-methyl-2-butanone	115-22-0	NIST02.l	4231	37	C5H10O2	102



Data File: p35609.d

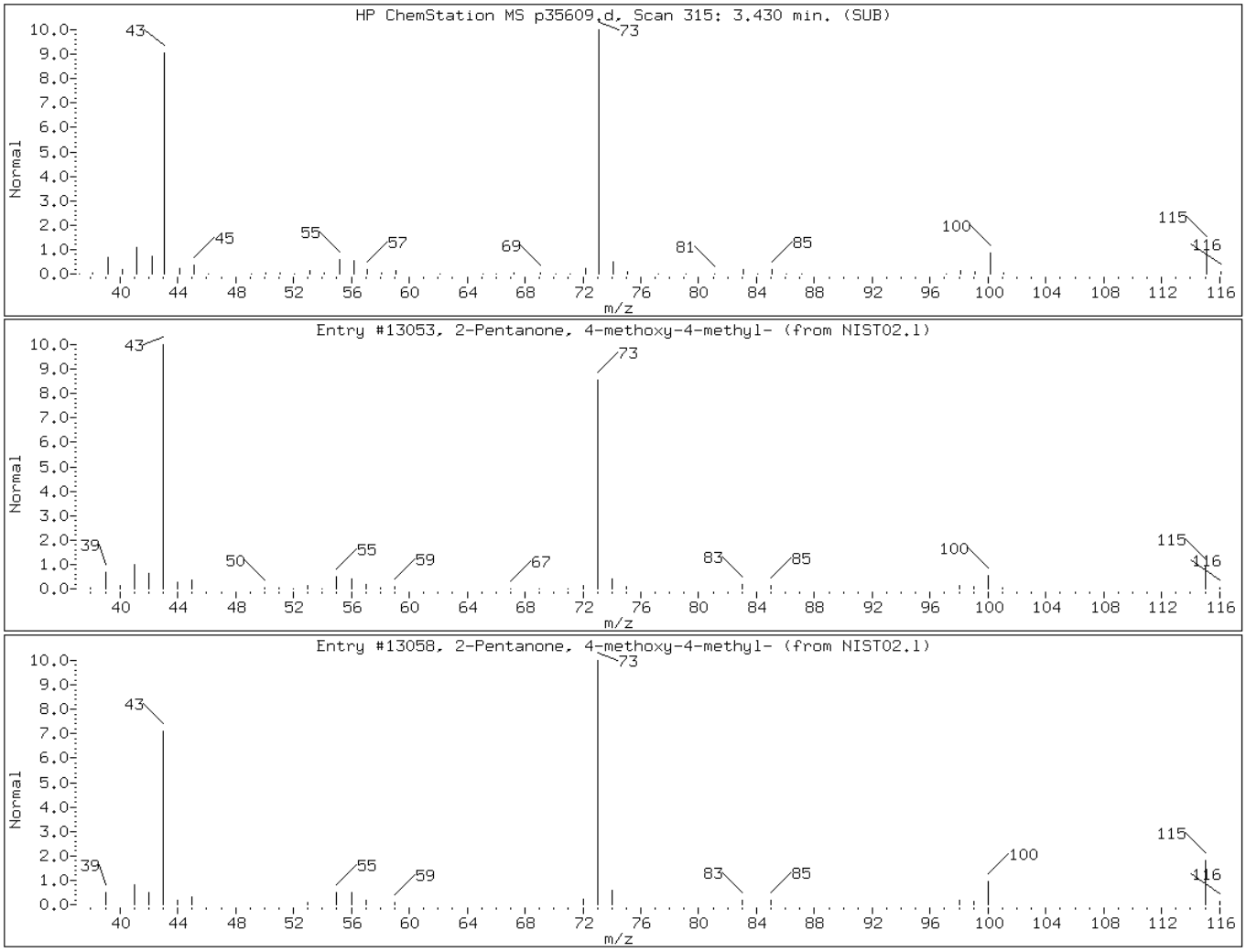
Date: 21-MAR-2013 06:25

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151520/1-A Operator: BNAMS 4

Retention Time: 3.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-3						
2-Pentanone, 4-methoxy-4-methyl-	107-70-0	NIST02.l	13053	83	C7H14O2	130
2-Pentanone, 4-methoxy-4-methyl-	107-70-0	NIST02.l	13058	64	C7H14O2	130



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151546/1-A

Matrix: Water | Lab File ID: z20040.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/22/2013 07:22

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.: 152320 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.26	U	1.0	0.26
95-50-1	1,2-Dichlorobenzene	2.5	U	10	2.5
541-73-1	1,3-Dichlorobenzene	2.4	U	10	2.4
106-46-7	1,4-Dichlorobenzene	2.5	U	10	2.5
121-14-2	2,4-Dinitrotoluene	0.47	U	2.0	0.47
606-20-2	2,6-Dinitrotoluene	0.61	U	2.0	0.61
91-58-7	2-Chloronaphthalene	2.7	U	10	2.7
91-57-6	2-Methylnaphthalene	3.0	U	10	3.0
88-74-4	2-Nitroaniline	4.9	U	20	4.9
91-94-1	3,3'-Dichlorobenzidine	4.9	U	20	4.9
99-09-2	3-Nitroaniline	5.0	U	20	5.0
101-55-3	4-Bromophenyl phenyl ether	2.5	U	10	2.5
106-47-8	4-Chloroaniline	2.0	U	10	2.0
7005-72-3	4-Chlorophenyl phenyl ether	2.5	U	10	2.5
100-01-6	4-Nitroaniline	5.8	U	20	5.8
83-32-9	Acenaphthene	2.7	U	10	2.7
208-96-8	Acenaphthylene	2.7	U	10	2.7
120-12-7	Anthracene	2.8	U	10	2.8
56-55-3	Benzo[a]anthracene	0.27	U	1.0	0.27
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
205-99-2	Benzo[b]fluoranthene	0.26	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
207-08-9	Benzo[k]fluoranthene	0.26	U	1.0	0.26
108-60-1	bis (2-chloroisopropyl) ether	2.0	U	10	2.0
111-91-1	Bis(2-chloroethoxy)methane	2.6	U	10	2.6
111-44-4	Bis(2-chloroethyl)ether	0.28	U	1.0	0.28
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
85-68-7	Butyl benzyl phthalate	2.5	U	10	2.5
86-74-8	Carbazole	3.2	U	10	3.2
218-01-9	Chrysene	3.1	U	10	3.1
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
132-64-9	Dibenzofuran	2.8	U	10	2.8
84-66-2	Diethyl phthalate	2.9	U	10	2.9
131-11-3	Dimethyl phthalate	2.8	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151546/1-A

Matrix: Water | Lab File ID: z20040.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/22/2013 07:22

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.: 152320 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2.9	U	10	2.9
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
206-44-0	Fluoranthene	3.2	U	10	3.2
86-73-7	Fluorene	2.8	U	10	2.8
118-74-1	Hexachlorobenzene	0.29	U	1.0	0.29
87-68-3	Hexachlorobutadiene	0.57	U	2.0	0.57
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
67-72-1	Hexachloroethane	0.25	U	1.0	0.25
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
78-59-1	Isophorone	2.7	U	10	2.7
91-20-3	Naphthalene	2.7	U	10	2.7
98-95-3	Nitrobenzene	0.30	U	1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	0.25	U	1.0	0.25
86-30-6	N-Nitrosodiphenylamine	2.9	U	10	2.9
85-01-8	Phenanthrene	3.1	U	10	3.1
129-00-0	Pyrene	2.9	U	10	2.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	89		53-108
4165-60-0	Nitrobenzene-d5	95		56-112
1718-51-0	Terphenyl-d14	95		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151546/1-A

Matrix: Water | Lab File ID: z20040.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/22/2013 07:22

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.: 152320 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20040.d
Report Date: 22-Mar-2013 10:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20040.d
Lab Smp Id: MB 460-151546/1-A
Inj Date : 22-MAR-2013 07:22
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-151546/1-A
Misc Info : MB 460-151546/1-A
Comment :
Method : /chem/BNAMS11.i/8270/03-21-13/22mar13.b/8270C_11.m
Meth Date : 22-Mar-2013 01:09 asfawa Quant Type: ISTD
Cal Date : 21-MAR-2013 13:34 Cal File: z19999.d
Als bottle: 17 QC Sample: BLANK
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)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.984	2.990	(0.700)	139330	18.2583	36
$ 17 Phenol-d5 (SUR)	99	3.890	3.919	(0.913)	89464	10.4101	21
* 79 1,4-Dichlorobenzene-d4	152	4.260	4.266	(1.000)	210020	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.819	4.831	(0.869)	366821	47.3240	95
* 80 Naphthalene-d8	136	5.542	5.554	(1.000)	730738	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.631	6.642	(0.908)	505292	44.7470	89
* 82 Acenaphthene-d10	164	7.301	7.313	(1.000)	307046	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.077	8.089	(1.106)	56459	42.3799	85
* 83 Phenanthrene-d10	188	8.760	8.772	(1.000)	369376	40.0000	
$ 78 Terphenyl-d14	244	10.336	10.348	(0.898)	289155	47.6368	95
* 81 Chrysene-d12	240	11.513	11.530	(1.000)	198004	40.0000	
* 84 Perylene-d12	264	13.412	13.430	(1.000)	163878	40.0000	

Data File: z20040.d

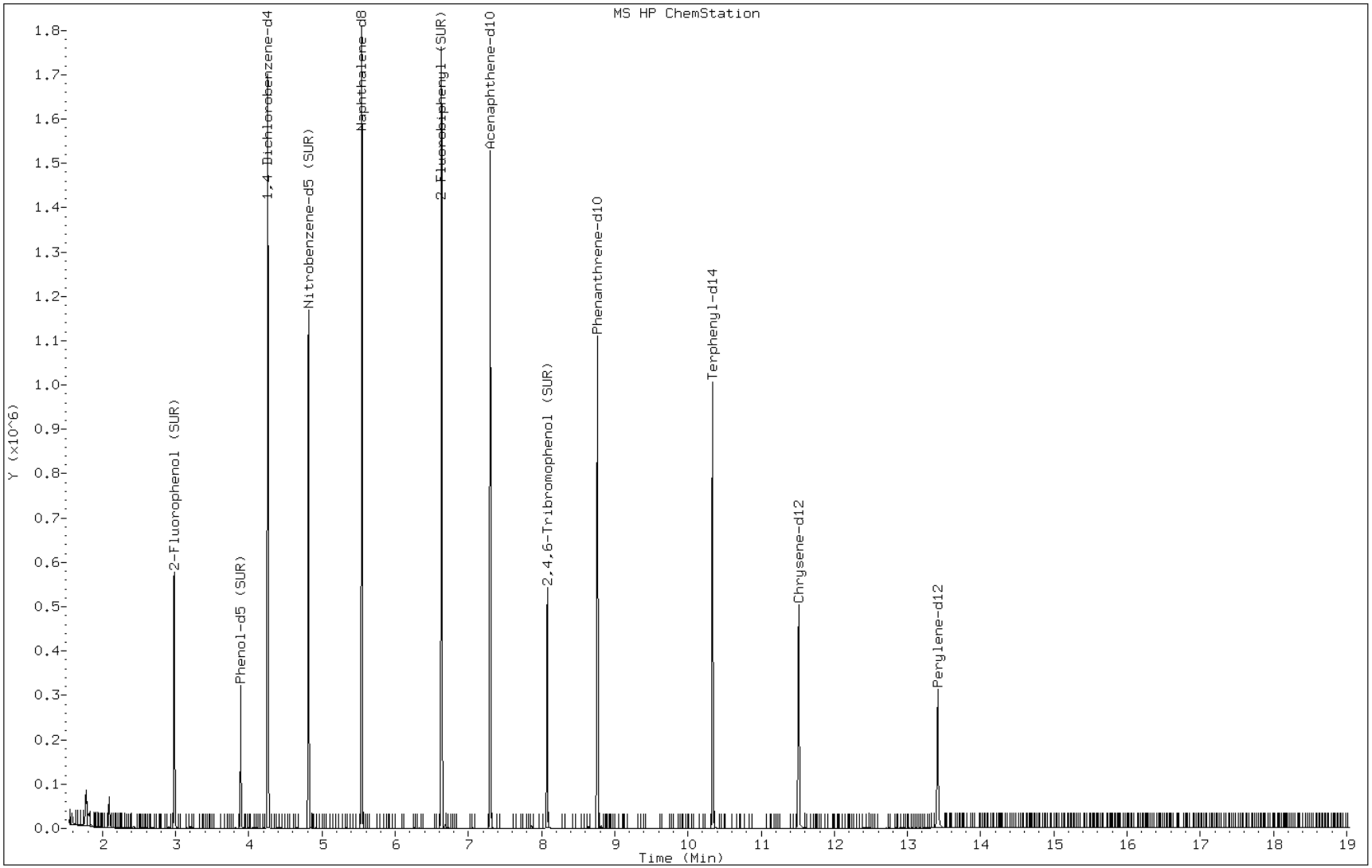
Date: 22-MAR-2013 07:22

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-151546/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151635/1-A

Matrix: Solid | Lab File ID: p35513.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 07:20

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.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.7	U	33	3.7
95-50-1	1,2-Dichlorobenzene	38	U	330	38
541-73-1	1,3-Dichlorobenzene	30	U	330	30
106-46-7	1,4-Dichlorobenzene	37	U	330	37
121-14-2	2,4-Dinitrotoluene	11	U	67	11
606-20-2	2,6-Dinitrotoluene	10	U	67	10
91-58-7	2-Chloronaphthalene	37	U	330	37
91-57-6	2-Methylnaphthalene	42	U	330	42
88-74-4	2-Nitroaniline	140	U	670	140
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
99-09-2	3-Nitroaniline	120	U	670	120
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
106-47-8	4-Chloroaniline	87	U	330	87
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
83-32-9	Acenaphthene	48	U	330	48
208-96-8	Acenaphthylene	39	U	330	39
120-12-7	Anthracene	40	U	330	40
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
191-24-2	Benzo[g,h,i]perylene	24	U	330	24
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
108-60-1	bis (2-chloroisopropyl) ether	37	U	330	37
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
85-68-7	Butyl benzyl phthalate	30	U	330	30
86-74-8	Carbazole	39	U	330	39
218-01-9	Chrysene	39	U	330	39
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
131-11-3	Dimethyl phthalate	39	U	330	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151635/1-A

Matrix: Solid | Lab File ID: p35513.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 07:20

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.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	41	U	330	41
117-84-0	Di-n-octyl phthalate	21	U	330	21
206-44-0	Fluoranthene	44	U	330	44
86-73-7	Fluorene	42	U	330	42
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
67-72-1	Hexachloroethane	3.7	U	33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	6.1	U	33	6.1
78-59-1	Isophorone	40	U	330	40
91-20-3	Naphthalene	38	U	330	38
98-95-3	Nitrobenzene	4.7	U	33	4.7
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-01-8	Phenanthrene	42	U	330	42
129-00-0	Pyrene	28	U	330	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	70		40-109
4165-60-0	Nitrobenzene-d5	69		38-105
1718-51-0	Terphenyl-d14	70		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151635/1-A

Matrix: Solid | Lab File ID: p35513.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 07:20

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.: 151725 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 82036

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate-1	2.73	636	A J
	Unknown Aldol Condensate-2	2.97	54100	A J
	Unknown Aldol Condensate-3	3.54	27300	A J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35513.d
Report Date: 19-Mar-2013 09:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35513.d
Lab Smp Id: MB 460-151635/1-A
Inj Date : 19-MAR-2013 07:20
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-151635/1-A
Misc Info : MB 460-151635/1-A
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/8270C_11.m
Meth Date : 19-Mar-2013 03:11 wahied Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 12 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

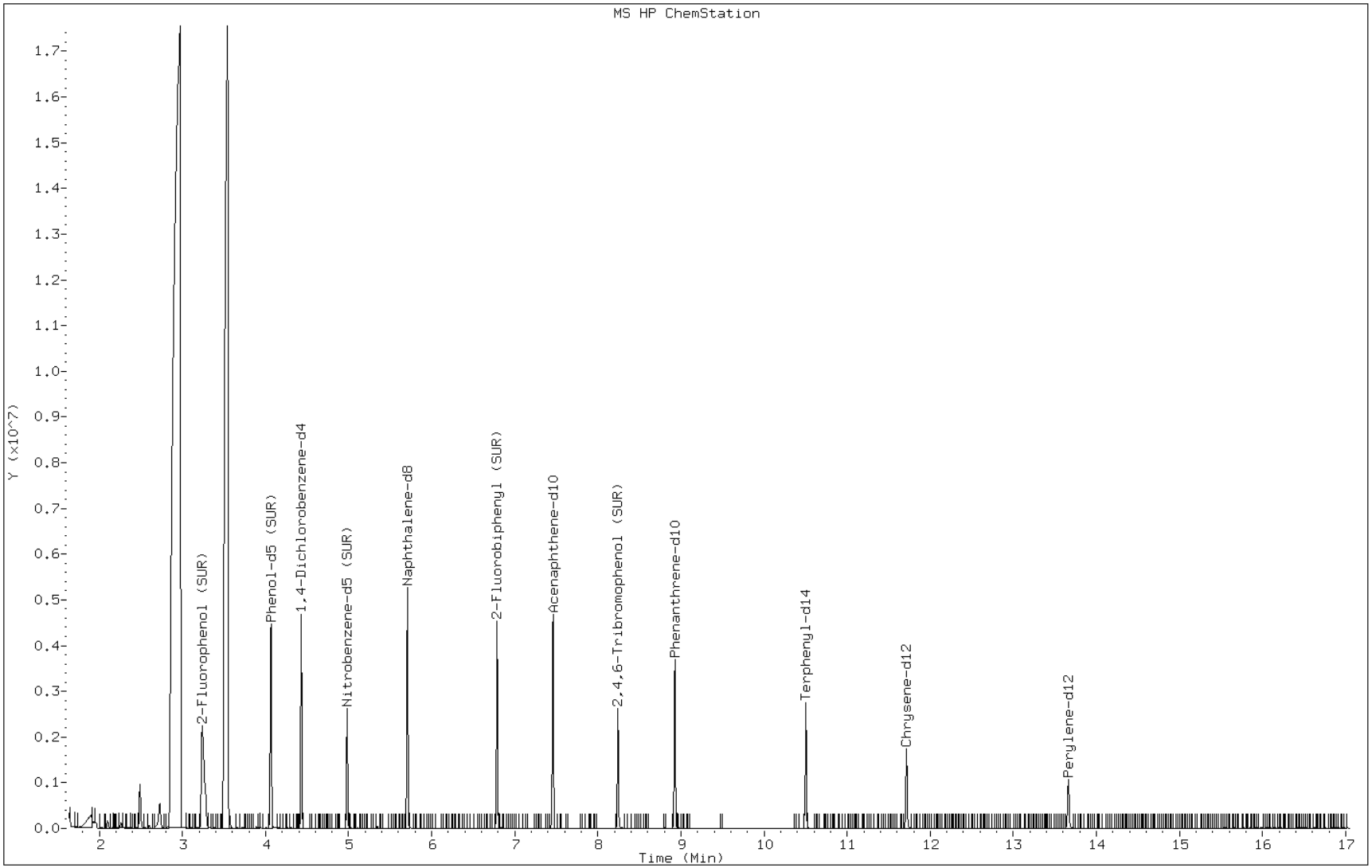
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.239	3.133	(0.731)	1655628	66.8181	4400
$ 17 Phenol-d5 (SUR)	99	4.068	4.067	(0.918)	1782504	62.7599	4200
* 79 1,4-Dichlorobenzene-d4	152	4.432	4.432	(1.000)	730830	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.978	4.990	(0.872)	857153	34.4250	2300
* 80 Naphthalene-d8	136	5.707	5.713	(1.000)	2343126	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.788	6.794	(0.909)	1414289	34.9973	2300
* 82 Acenaphthene-d10	164	7.464	7.464	(1.000)	1191373	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.239	8.245	(1.104)	318813	64.3678	4300
* 83 Phenanthrene-d10	188	8.927	8.927	(1.000)	1440491	40.0000	
$ 78 Terphenyl-d14	244	10.501	10.501	(0.896)	880629	35.1199	2300
* 81 Chrysene-d12	240	11.718	11.723	(1.000)	791990	40.0000	
* 84 Perylene-d12	264	13.662	13.668	(1.000)	595845	40.0000	

Data File: p35513.d

Date: 19-MAR-2013 07:20

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151635/1-A Operator: BNAMS 4



Data File: p35513.d

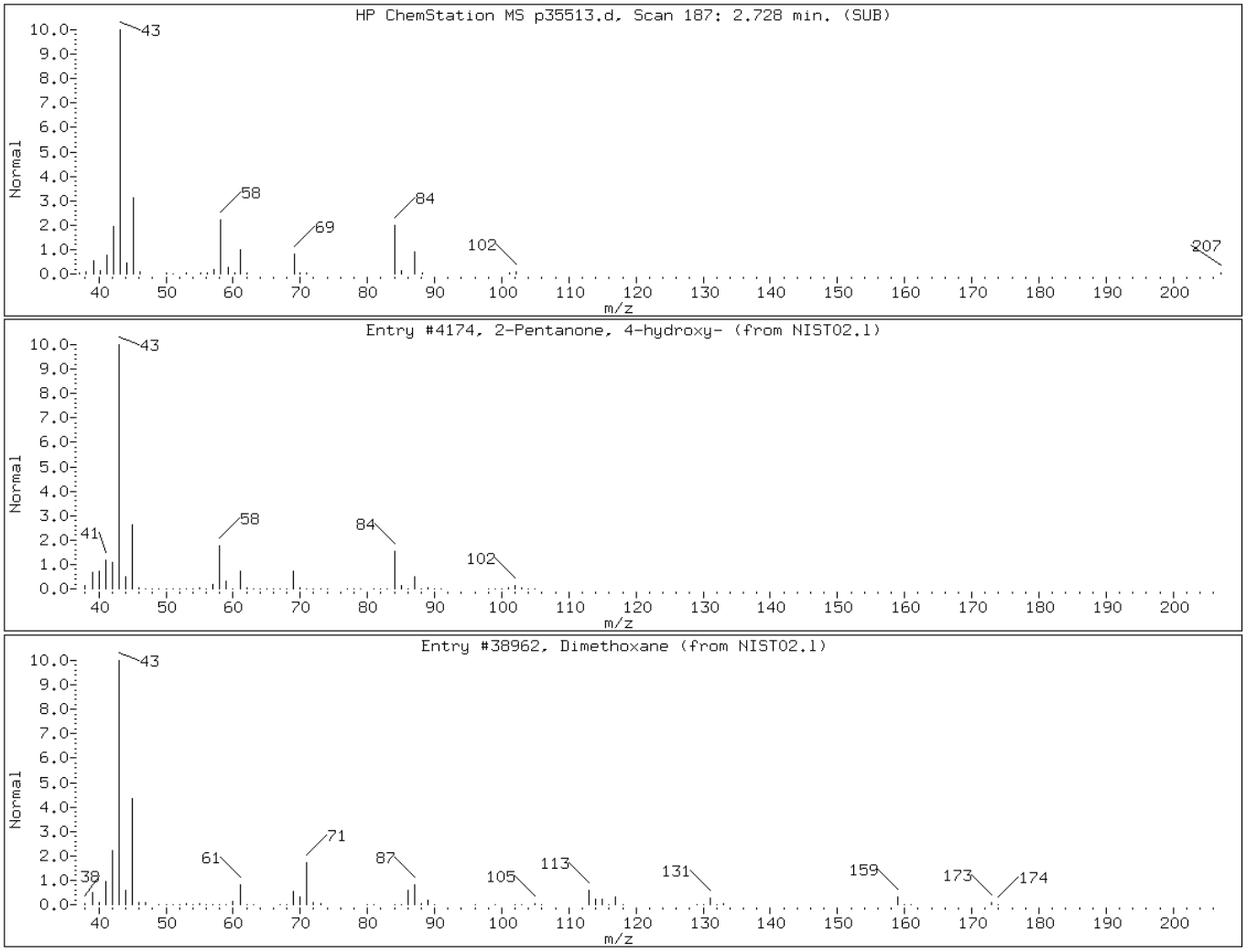
Date: 19-MAR-2013 07:20

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151635/1-A Operator: BNAMS 4

Retention Time: 2.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-1						
2-Pentanone, 4-hydroxy-	4161-60-8	NIST02.l	4174	72	C5H10O2	102
Dimethoxane	828-00-2	NIST02.l	38962	50	C8H14O4	174



Data File: p35513.d

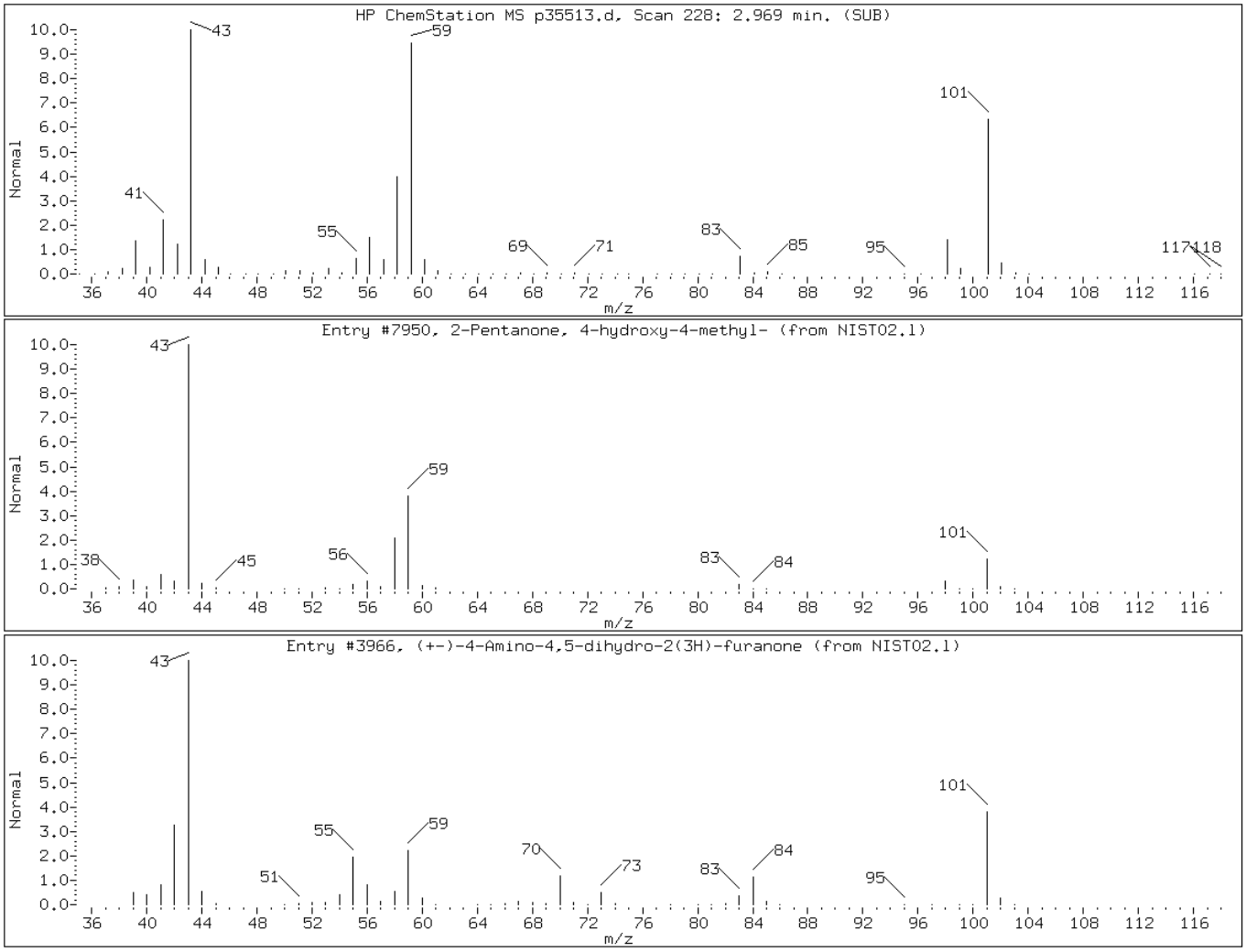
Date: 19-MAR-2013 07:20

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151635/1-A Operator: BNAMS 4

Retention Time: 2.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-2						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	64	C6H12O2	116
(+-)-4-Amino-4,5-dihydro-2(3H)-fur	16504-58-8	NIST02.l	3966	37	C4H7NO2	101



Data File: p35513.d

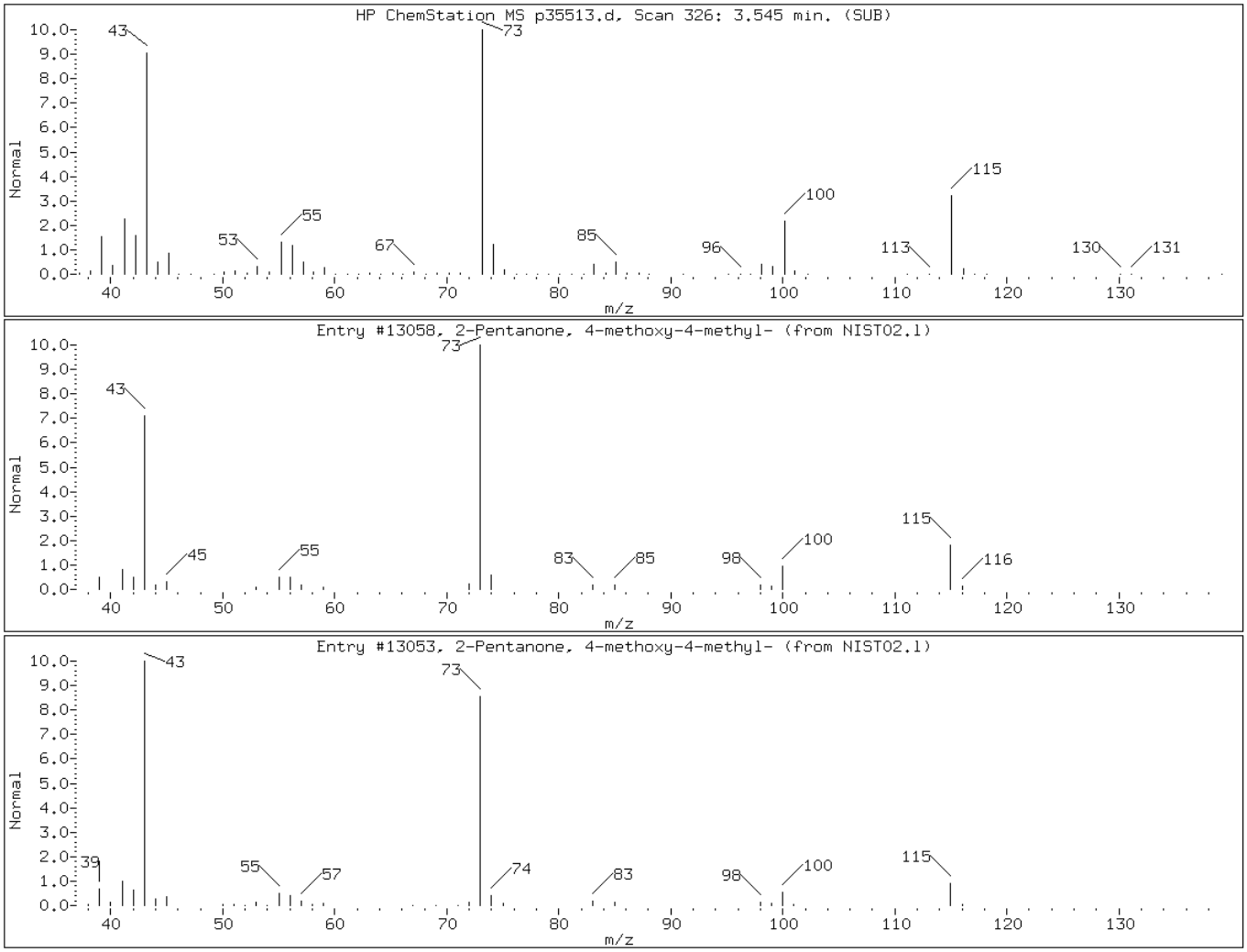
Date: 19-MAR-2013 07:20

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151635/1-A Operator: BNAMS 4

Retention Time: 3.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-3						
2-Pentanone, 4-methoxy-4-methyl-	107-70-0	NIST02.l	13058	50	C7H14O2	130
2-Pentanone, 4-methoxy-4-methyl-	107-70-0	NIST02.l	13053	25	C7H14O2	130



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151640/1-A

Matrix: Solid | Lab File ID: p35581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 16:58

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.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.7	U	33	3.7
95-50-1	1,2-Dichlorobenzene	38	U	330	38
541-73-1	1,3-Dichlorobenzene	30	U	330	30
106-46-7	1,4-Dichlorobenzene	37	U	330	37
121-14-2	2,4-Dinitrotoluene	11	U	67	11
606-20-2	2,6-Dinitrotoluene	10	U	67	10
91-58-7	2-Chloronaphthalene	37	U	330	37
91-57-6	2-Methylnaphthalene	42	U	330	42
88-74-4	2-Nitroaniline	140	U	670	140
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
99-09-2	3-Nitroaniline	120	U	670	120
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
106-47-8	4-Chloroaniline	87	U	330	87
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
83-32-9	Acenaphthene	48	U	330	48
208-96-8	Acenaphthylene	39	U	330	39
120-12-7	Anthracene	40	U	330	40
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
191-24-2	Benzo[g,h,i]perylene	24	U	330	24
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
108-60-1	bis (2-chloroisopropyl) ether	37	U	330	37
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
85-68-7	Butyl benzyl phthalate	30	U	330	30
86-74-8	Carbazole	39	U	330	39
218-01-9	Chrysene	39	U	330	39
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
131-11-3	Dimethyl phthalate	39	U	330	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151640/1-A

Matrix: Solid | Lab File ID: p35581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 16:58

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.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	41	U	330	41
117-84-0	Di-n-octyl phthalate	21	U	330	21
206-44-0	Fluoranthene	44	U	330	44
86-73-7	Fluorene	42	U	330	42
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
67-72-1	Hexachloroethane	3.7	U	33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	6.1	U	33	6.1
78-59-1	Isophorone	40	U	330	40
91-20-3	Naphthalene	38	U	330	38
98-95-3	Nitrobenzene	4.7	U	33	4.7
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-01-8	Phenanthrene	42	U	330	42
129-00-0	Pyrene	28	U	330	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	79		40-109
4165-60-0	Nitrobenzene-d5	82		38-105
1718-51-0	Terphenyl-d14	79		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151640/1-A

Matrix: Solid | Lab File ID: p35581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/20/2013 16:58

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.: 152148 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 29531

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate-1	2.65	1690	A J
	Unknown Aldol Condensate-2	2.89	27500	A J
	Unknown Aldol Condensate-3	3.51	341	A J

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35581.d
Report Date: 21-Mar-2013 15:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35581.d
Lab Smp Id: MB 460-151640/1-A
Inj Date : 20-MAR-2013 16:58
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-151640/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 4 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

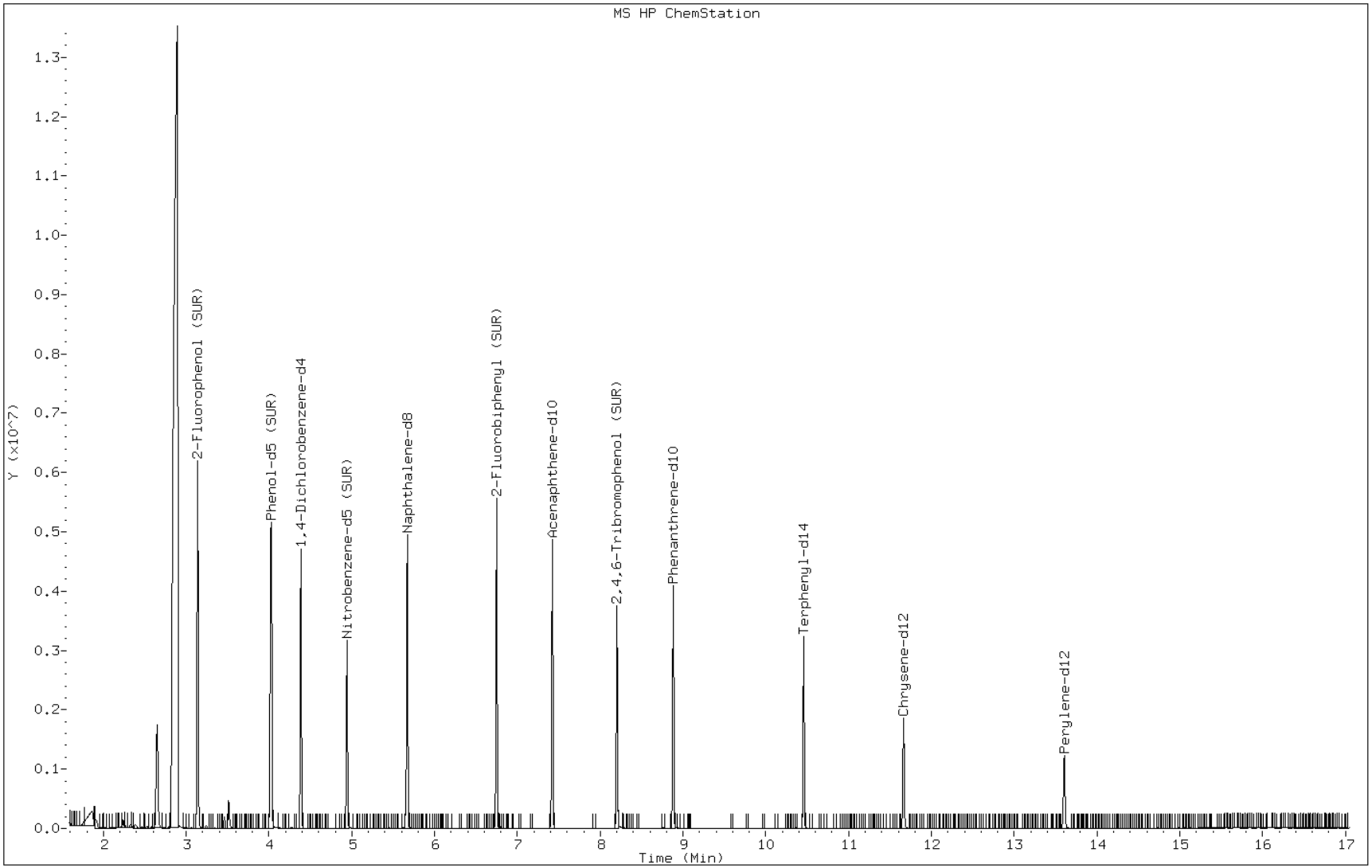
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.142	3.101	(0.716)	1830837	76.6883	5100
$ 17 Phenol-d5 (SUR)	99	4.029	4.035	(0.918)	2121987	77.5430	5200
* 79 1,4-Dichlorobenzene-d4	152	4.388	4.394	(1.000)	704155	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.940	4.958	(0.871)	994785	41.2485	2700
* 80 Naphthalene-d8	136	5.669	5.675	(1.000)	2269511	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.750	6.756	(0.910)	1700080	39.3412	2600
* 82 Acenaphthene-d10	164	7.420	7.425	(1.000)	1273988	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.201	8.207	(1.105)	455642	86.0276	5700
* 83 Phenanthrene-d10	188	8.883	8.888	(1.000)	1624190	40.0000	
$ 78 Terphenyl-d14	244	10.457	10.457	(0.896)	1072672	39.6660	2600
* 81 Chrysene-d12	240	11.668	11.674	(1.000)	854138	40.0000	
* 84 Perylene-d12	264	13.607	13.607	(1.000)	672081	40.0000	

Data File: p35581.d

Date: 20-MAR-2013 16:58

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151640/1-A Operator: BNAMS 4



Data File: p35581.d

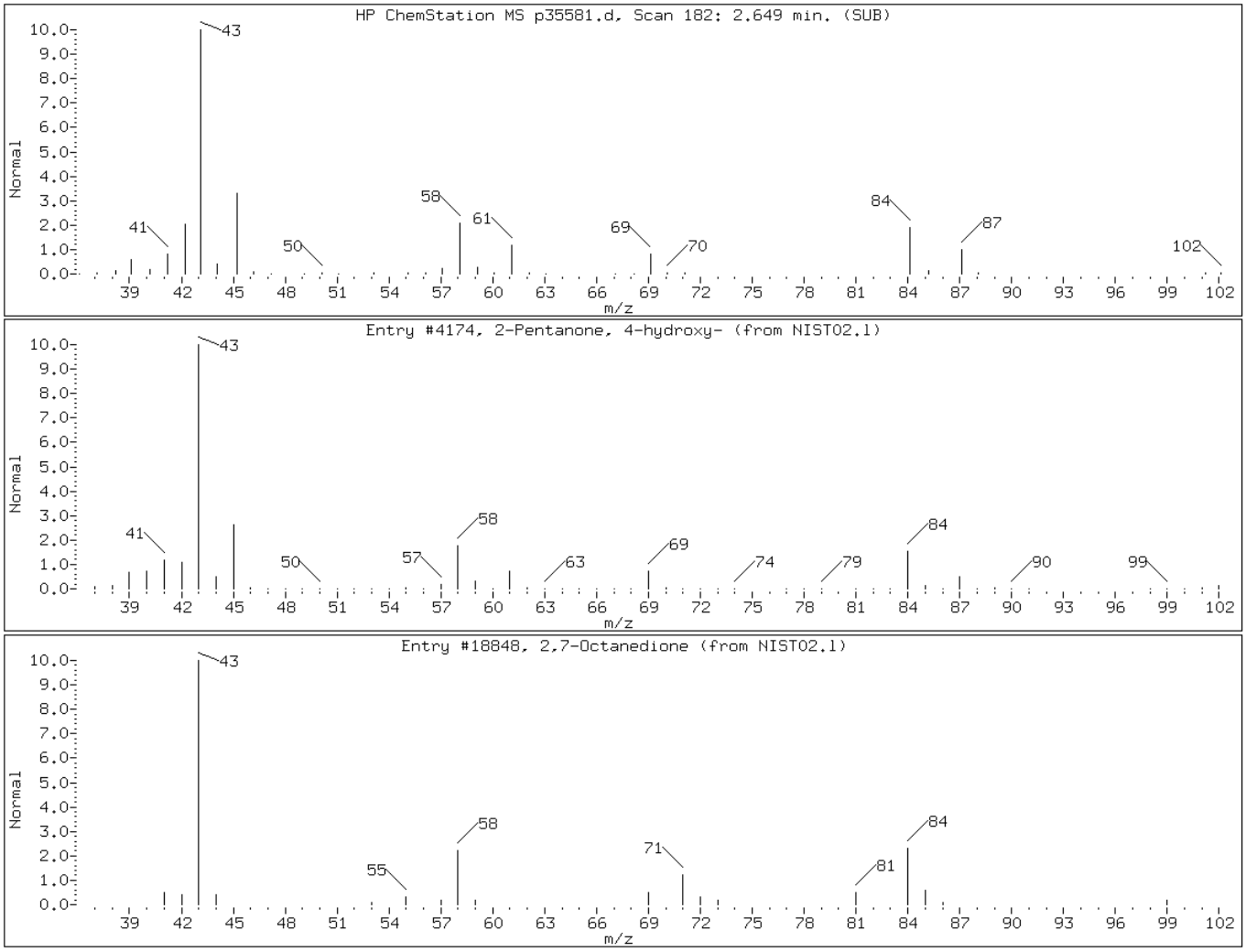
Date: 20-MAR-2013 16:58

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151640/1-A Operator: BNAMS 4

Retention Time: 2.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-1						
2-Pentanone, 4-hydroxy-	4161-60-8	NIST02.l	4174	72	C5H10O2	102
2,7-Octanedione	1626-09-1	NIST02.l	18848	23	C8H14O2	142



Data File: p35581.d

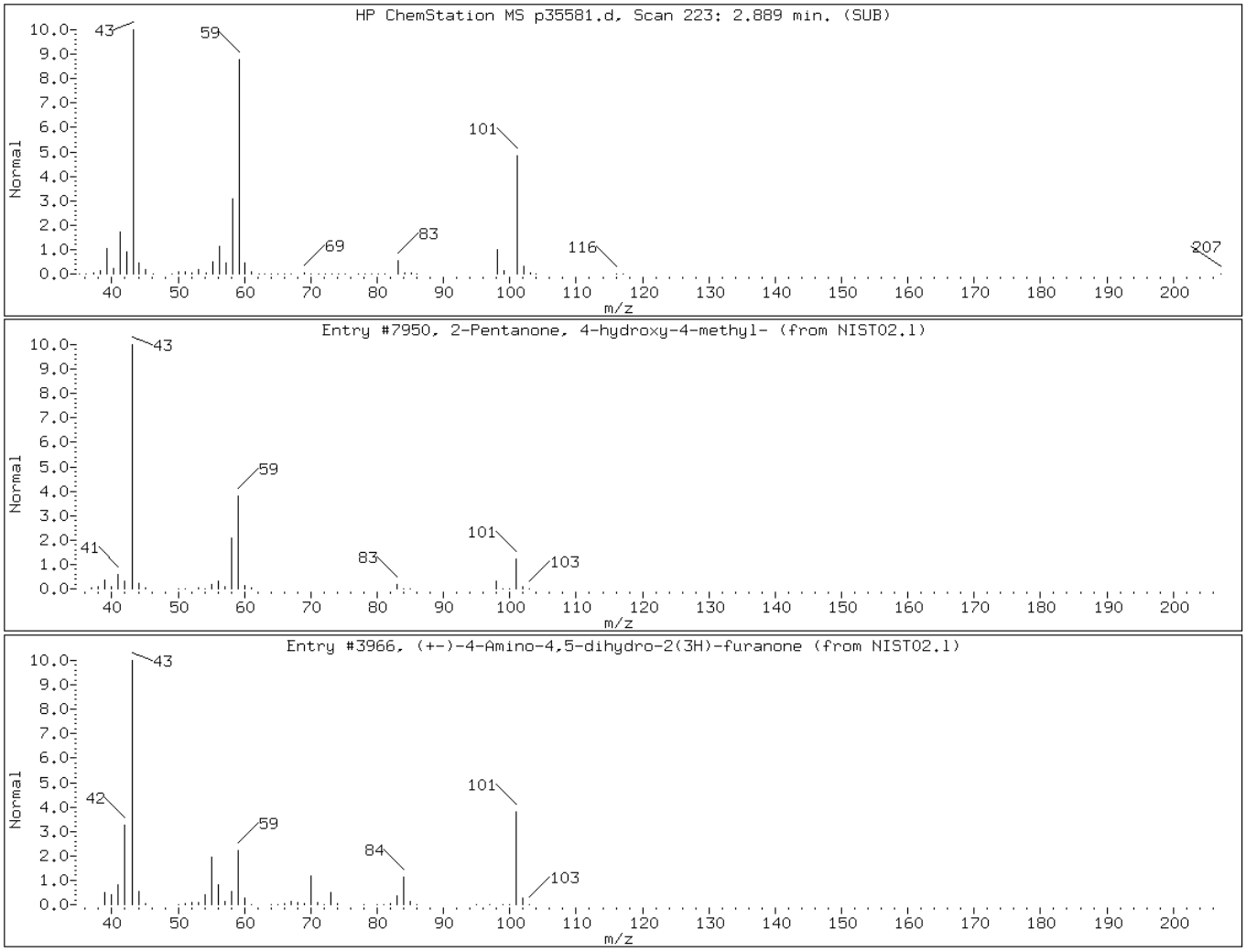
Date: 20-MAR-2013 16:58

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151640/1-A Operator: BNAMS 4

Retention Time: 2.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-2						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	45	C6H12O2	116
(+-)-4-Amino-4,5-dihydro-2(3H)-fur	16504-58-8	NIST02.l	3966	43	C4H7NO2	101



Data File: p35581.d

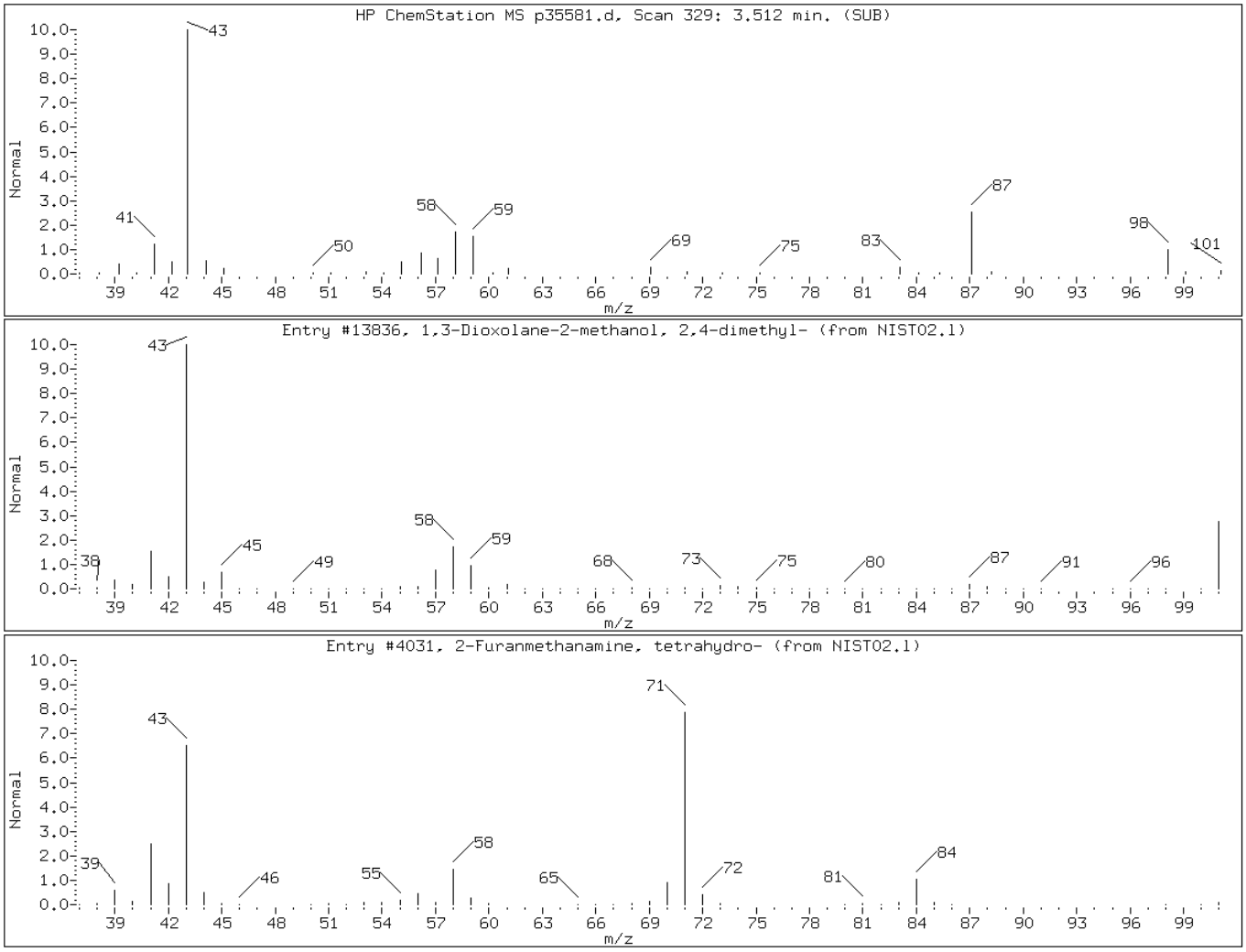
Date: 20-MAR-2013 16:58

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151640/1-A Operator: BNAMS 4

Retention Time: 3.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-3						
1,3-Dioxolane-2-methanol, 2,4-dime	53951-43-2	NIST02.l	13836	25	C6H12O3	132
2-Furanmethanamine, tetrahydro-	4795-29-3	NIST02.l	4031	25	C5H11NO	101



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151648/1-A

Matrix: Solid | Lab File ID: p35520.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 14.98(g) | Date Analyzed: 03/19/2013 10:19

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.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.8	U	33	3.8
95-50-1	1,2-Dichlorobenzene	38	U	330	38
541-73-1	1,3-Dichlorobenzene	30	U	330	30
106-46-7	1,4-Dichlorobenzene	37	U	330	37
121-14-2	2,4-Dinitrotoluene	11	U	67	11
606-20-2	2,6-Dinitrotoluene	10	U	67	10
91-58-7	2-Chloronaphthalene	37	U	330	37
91-57-6	2-Methylnaphthalene	43	U	330	43
88-74-4	2-Nitroaniline	140	U	670	140
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
99-09-2	3-Nitroaniline	120	U	670	120
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
106-47-8	4-Chloroaniline	88	U	330	88
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
83-32-9	Acenaphthene	48	U	330	48
208-96-8	Acenaphthylene	39	U	330	39
120-12-7	Anthracene	40	U	330	40
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
108-60-1	bis (2-chloroisopropyl) ether	37	U	330	37
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
85-68-7	Butyl benzyl phthalate	30	U	330	30
86-74-8	Carbazole	39	U	330	39
218-01-9	Chrysene	39	U	330	39
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
131-11-3	Dimethyl phthalate	39	U	330	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151648/1-A

Matrix: Solid | Lab File ID: p35520.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 14.98(g) | Date Analyzed: 03/19/2013 10:19

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.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	41	U	330	41
117-84-0	Di-n-octyl phthalate	21	U	330	21
206-44-0	Fluoranthene	44	U	330	44
86-73-7	Fluorene	42	U	330	42
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
67-72-1	Hexachloroethane	3.7	U	33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
78-59-1	Isophorone	40	U	330	40
91-20-3	Naphthalene	38	U	330	38
98-95-3	Nitrobenzene	4.7	U	33	4.7
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-01-8	Phenanthrene	42	U	330	42
129-00-0	Pyrene	28	U	330	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	71		40-109
4165-60-0	Nitrobenzene-d5	73		38-105
1718-51-0	Terphenyl-d14	76		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151648/1-A

Matrix: Solid | Lab File ID: p35520.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 14.98(g) | Date Analyzed: 03/19/2013 10:19

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.: 151725 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 23237

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate-1	2.66	569	A J
	Unknown Aldol Condensate-2	2.90	22400	A J
	Unknown Aldol Condensate-3	3.54	268	A J

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35520.d
Report Date: 19-Mar-2013 11:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35520.d
Lab Smp Id: MB 460-151648/1-A
Inj Date : 19-MAR-2013 10:19
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-151648/1-A
Misc Info : MB 460-151648/1-A
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/8270C_11.m
Meth Date : 19-Mar-2013 03:11 wahied Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 19 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

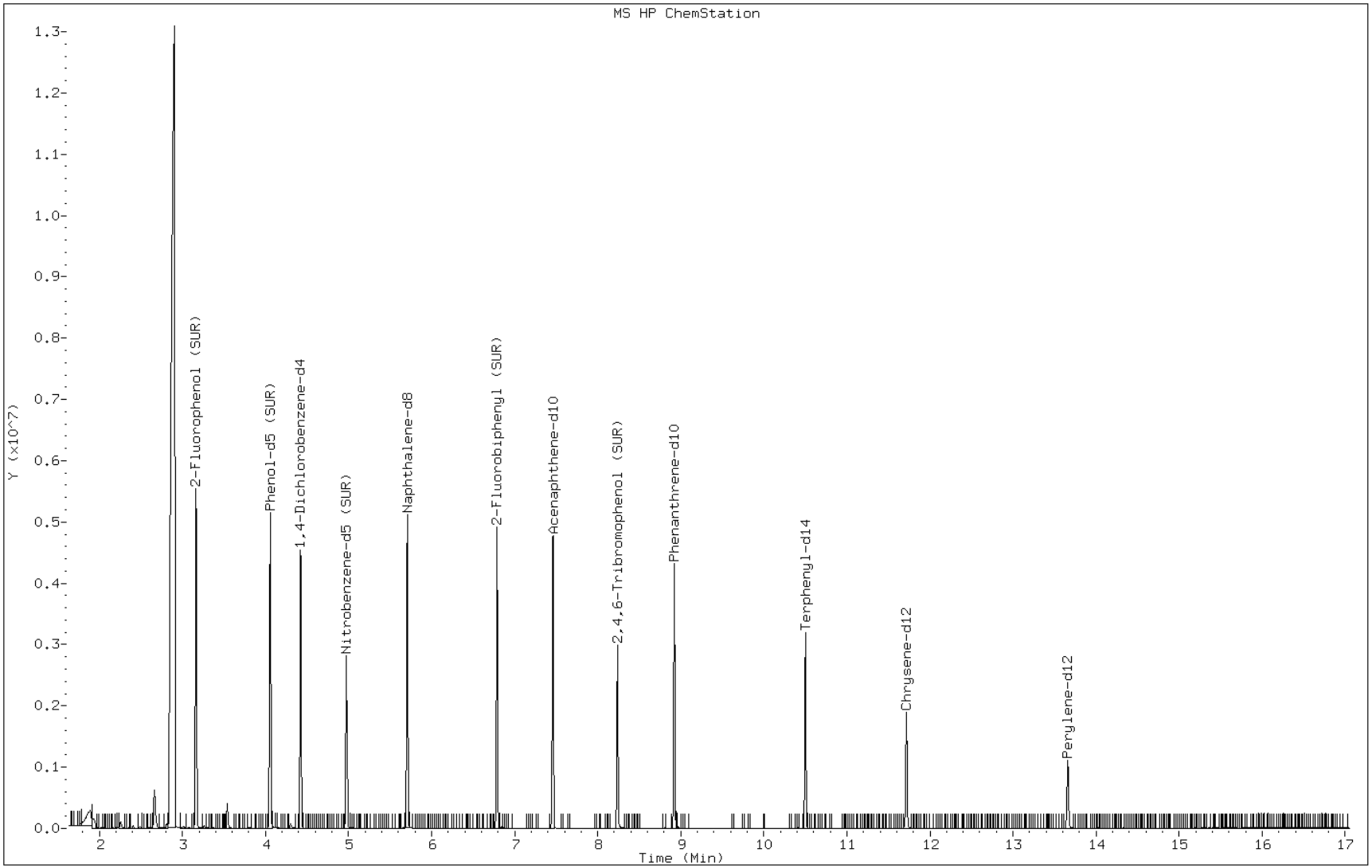
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.163	3.133	(0.716)	1703102	66.9473	4500
$ 17 Phenol-d5 (SUR)	99	4.056	4.067	(0.918)	1954993	67.0437	4500
* 79 1,4-Dichlorobenzene-d4	152	4.420	4.432	(1.000)	750335	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.978	4.990	(0.872)	899986	36.3129	2400
* 80 Naphthalene-d8	136	5.707	5.713	(1.000)	2332311	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.788	6.794	(0.909)	1539896	35.7343	2400
* 82 Acenaphthene-d10	164	7.463	7.464	(1.000)	1270429	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.239	8.245	(1.104)	368961	69.8570	4600
* 83 Phenanthrene-d10	188	8.926	8.927	(1.000)	1641368	40.0000	
$ 78 Terphenyl-d14	244	10.501	10.501	(0.896)	1038804	38.0827	2500
* 81 Chrysene-d12	240	11.717	11.723	(1.000)	861560	40.0000	
* 84 Perylene-d12	264	13.662	13.668	(1.000)	613969	40.0000	

Data File: p35520.d

Date: 19-MAR-2013 10:19

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151648/1-A Operator: BNAMS 4



Data File: p35520.d

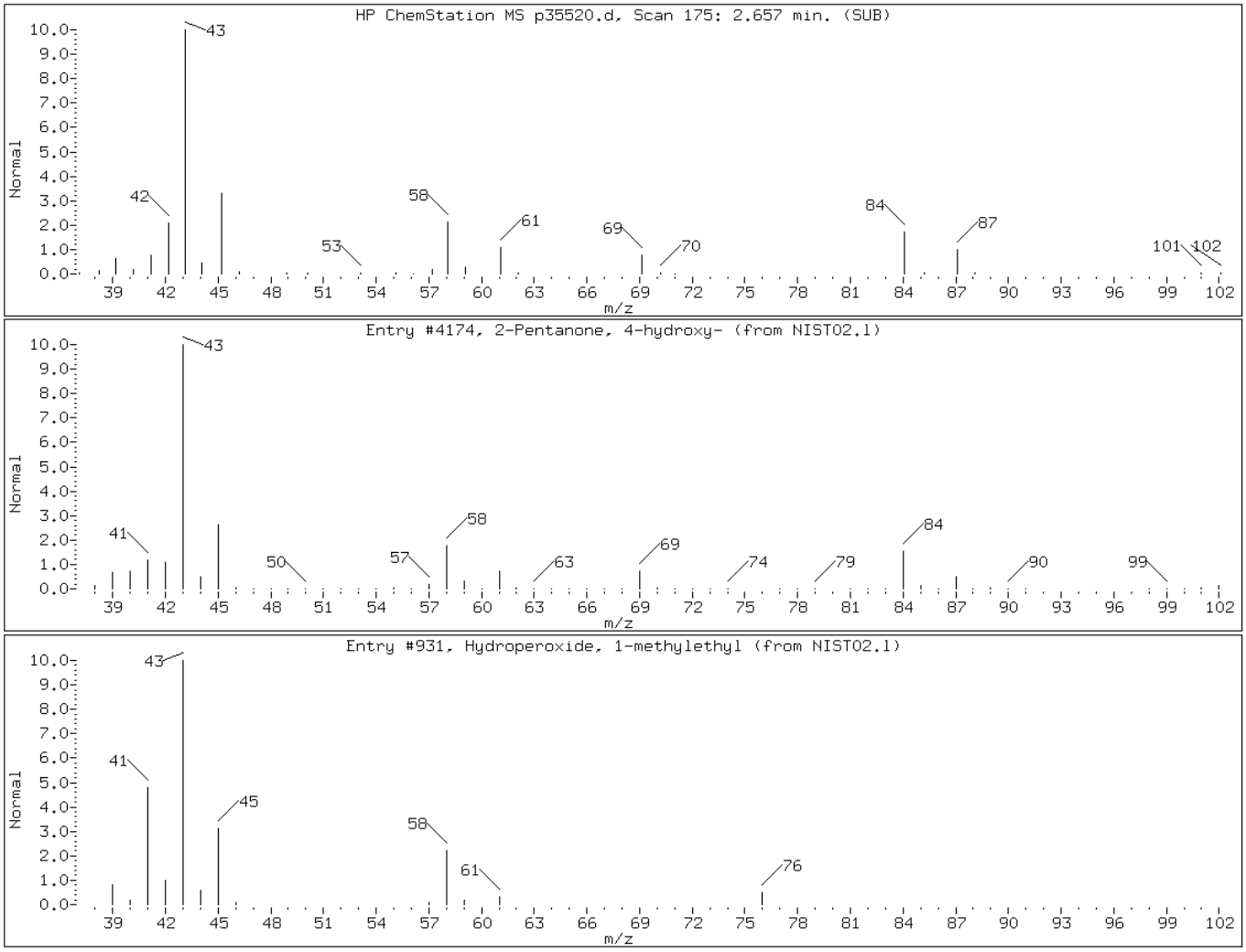
Date: 19-MAR-2013 10:19

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151648/1-A Operator: BNAMS 4

Retention Time: 2.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-1						
2-Pentanone, 4-hydroxy-	4161-60-8	NIST02.l	4174	52	C5H10O2	102
Hydroperoxide, 1-methylethyl	3031-75-2	NIST02.l	931	38	C3H8O2	76



Data File: p35520.d

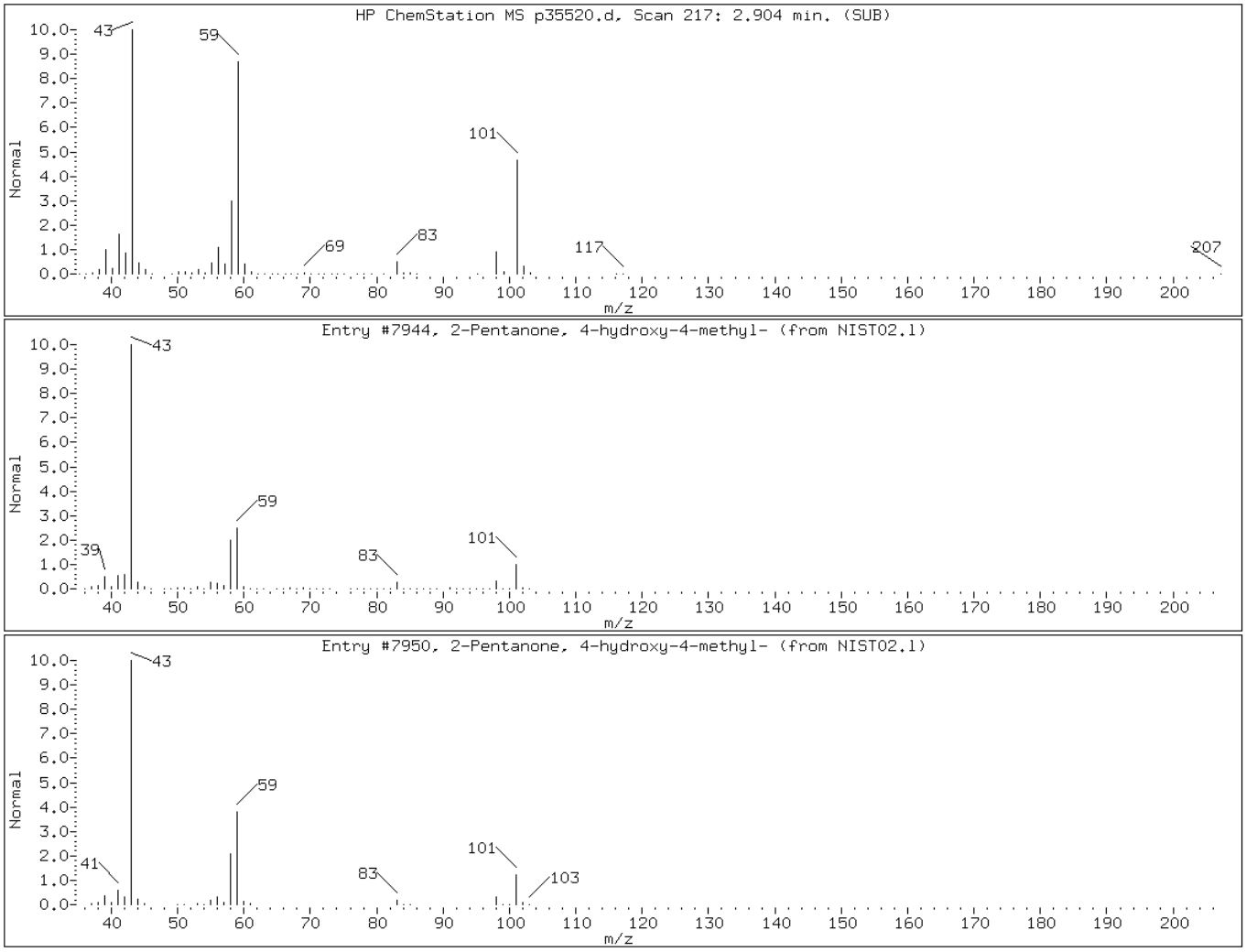
Date: 19-MAR-2013 10:19

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151648/1-A Operator: BNAMS 4

Retention Time: 2.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-2						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	45	C6H12O2	116



Data File: p35520.d

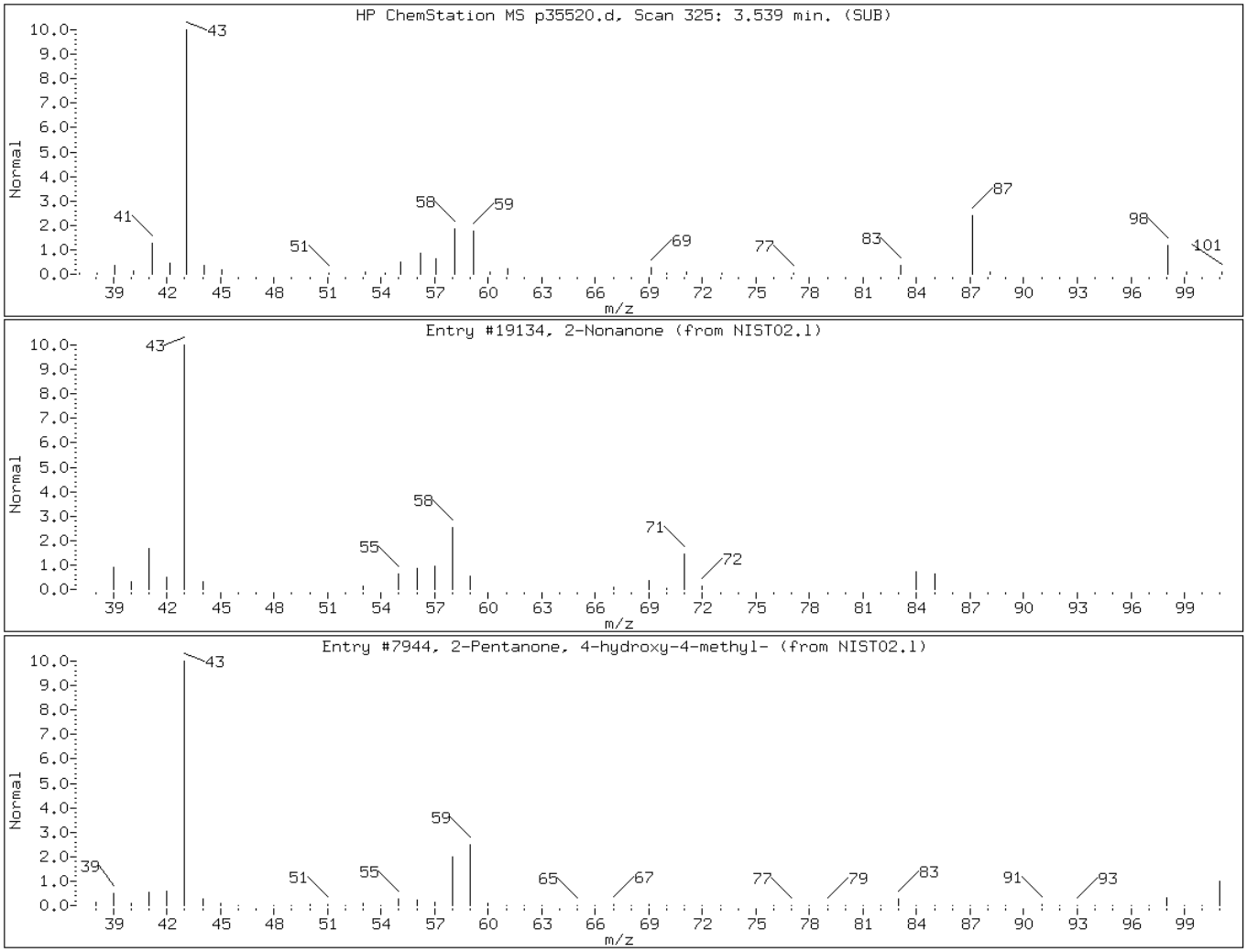
Date: 19-MAR-2013 10:19

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-151648/1-A Operator: BNAMS 4

Retention Time: 3.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate-3						
2-Nonanone	821-55-6	NIST02.l	19134	27	C9H18O	142
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	25	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151520/2-A

Matrix: Solid | Lab File ID: p35608.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 05:59

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.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2410		33	3.8
95-50-1	1,2-Dichlorobenzene	2370		330	38
541-73-1	1,3-Dichlorobenzene	2310		330	30
106-46-7	1,4-Dichlorobenzene	2350		330	37
121-14-2	2,4-Dinitrotoluene	2460		67	11
606-20-2	2,6-Dinitrotoluene	2500		67	10
91-58-7	2-Chloronaphthalene	2540		330	37
91-57-6	2-Methylnaphthalene	2460		330	43
88-74-4	2-Nitroaniline	2830		670	140
91-94-1	3,3'-Dichlorobenzidine	1450		670	120
99-09-2	3-Nitroaniline	1350		670	120
101-55-3	4-Bromophenyl phenyl ether	2660		330	33
106-47-8	4-Chloroaniline	772		330	88
7005-72-3	4-Chlorophenyl phenyl ether	2490		330	39
100-01-6	4-Nitroaniline	2090		670	100
83-32-9	Acenaphthene	2580		330	48
208-96-8	Acenaphthylene	2580		330	39
120-12-7	Anthracene	2660		330	40
56-55-3	Benzo[a]anthracene	2450		33	2.3
50-32-8	Benzo[a]pyrene	2550		33	2.3
205-99-2	Benzo[b]fluoranthene	2350		33	2.1
191-24-2	Benzo[g,h,i]perylene	2630		330	25
207-08-9	Benzo[k]fluoranthene	2510		33	2.5
108-60-1	bis (2-chloroisopropyl) ether	2570		330	37
111-91-1	Bis(2-chloroethoxy)methane	2550		330	43
111-44-4	Bis(2-chloroethyl)ether	2370		33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	2530		330	110
85-68-7	Butyl benzyl phthalate	2480		330	30
86-74-8	Carbazole	2700		330	39
218-01-9	Chrysene	2580		330	39
53-70-3	Dibenz(a,h)anthracene	2630		33	4.2
132-64-9	Dibenzofuran	2510		330	39
84-66-2	Diethyl phthalate	2480		330	39
131-11-3	Dimethyl phthalate	2560		330	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151520/2-A

Matrix: Solid | Lab File ID: p35608.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.00(g) | Date Analyzed: 03/21/2013 05:59

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.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2630		330	41
117-84-0	Di-n-octyl phthalate	2370		330	21
206-44-0	Fluoranthene	2700		330	44
86-73-7	Fluorene	2540		330	42
118-74-1	Hexachlorobenzene	2660		33	4.5
87-68-3	Hexachlorobutadiene	2410		67	8.1
77-47-4	Hexachlorocyclopentadiene	2360		330	39
67-72-1	Hexachloroethane	2370		33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	2920		33	6.2
78-59-1	Isophorone	2360		330	40
91-20-3	Naphthalene	2630		330	38
98-95-3	Nitrobenzene	2600		33	4.7
621-64-7	N-Nitrosodi-n-propylamine	2120		33	5.5
86-30-6	N-Nitrosodiphenylamine	2810		330	33
85-01-8	Phenanthrene	2700		330	42
129-00-0	Pyrene	2360		330	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	67		40-109
4165-60-0	Nitrobenzene-d5	65		38-105
1718-51-0	Terphenyl-d14	61		16-151

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35608.d
Report Date: 21-Mar-2013 17:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35608.d
Lab Smp Id: LCS 460-151520/2-A
Inj Date : 21-MAR-2013 05:59
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-151520/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/21mar13.b/8270C_11.m
Meth Date : 21-Mar-2013 06:41 asfawa Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 3 QC Sample: BS
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	1.744	1.644	(0.400)	249947	23.1578	1500
19	N-Nitrosodimethylamine	74	1.967	1.885	(0.451)	679389	41.0348	2700
71	Pyridine	79	1.996	1.914	(0.458)	805803	28.1989	1900
$ 16	2-Fluorophenol (SUR)	112	3.101	3.060	(0.712)	1742744	59.1196	3900
110	Benzaldehyde	77	3.924	3.912	(0.900)	152076	15.7280	1000
$ 17	Phenol-d5 (SUR)	99	4.006	4.006	(0.919)	2007795	59.4206	4000
73	Aniline	93	4.035	4.029	(0.926)	689645	17.1206	1100(R)
1	Phenol	94	4.024	4.017	(0.923)	2401396	64.2422	4300
20	bis(2-Chloroethyl)ether	93	4.100	4.094	(0.941)	1103165	35.6072	2400
2	2-Chlorophenol	128	4.159	4.158	(0.954)	1958465	67.0634	4500
113	n-decane	43	4.200	4.200	(0.964)	1060072	31.7164	2100
21	1,3-Dichlorobenzene	146	4.306	4.305	(0.988)	1185660	34.5817	2300
* 79	1,4-Dichlorobenzene-d4	152	4.358	4.358	(1.000)	869461	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35608.d
Report Date: 21-Mar-2013 17:15

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
22	1,4-Dichlorobenzene	146	4.376	4.376	(1.004)	1181498	35.1857	2300
74	Benzyl Alcohol	108	4.499	4.505	(1.032)	688290	37.6754	2500
23	1,2-Dichlorobenzene	146	4.529	4.529	(1.039)	1124059	35.4755	2400
3	2-Methylphenol	108	4.617	4.623	(1.059)	1737201	68.4292	4600
24	bis (2-chloroisopropyl) ether	45	4.635	4.634	(1.063)	1491071	38.5902	2600
104	Acetophenone	105	4.770	4.775	(1.094)	1132731	33.6432	2200
25	N-Nitroso-di-n-propylamine	70	4.776	4.775	(1.096)	573920	31.8131	2100
4	4-Methylphenol	108	4.781	4.781	(1.097)	1759838	64.2231	4300
123	3 & 4 Methylphenol	108	4.781	4.781	(1.097)	1759981	63.9948	4300
26	Hexachloroethane	117	4.870	4.869	(1.117)	452837	35.5054	2400
$ 76	Nitrobenzene-d5 (SUR)	82	4.923	4.928	(0.872)	879679	32.3325	2200
27	Nitrobenzene	77	4.940	4.946	(0.875)	1387564	39.0137	2600
107	N,N-Dimethylaniline	120	4.946	4.952	(1.135)	1361953	35.4396	2400
28	Isophorone	82	5.193	5.187	(0.920)	1504074	35.4682	2400
5	2-Nitrophenol	139	5.263	5.263	(0.932)	1062459	74.2769	5000
6	2,4-Dimethylphenol	122	5.316	5.316	(0.942)	1568776	69.0643	4600
29	bis(2-Chloroethoxy)methane	93	5.398	5.398	(0.956)	1071258	38.2310	2500
15	Benzoic Acid	122	5.469	5.457	(0.969)	597228	57.2644	3800
7	2,4-Dichlorophenol	162	5.510	5.510	(0.976)	1336554	68.2141	4500
30	1,2,4-Trichlorobenzene	180	5.592	5.592	(0.991)	866056	36.1969	2400
* 80	Naphthalene-d8	136	5.645	5.645	(1.000)	2560336	40.0000	
31	Naphthalene	128	5.669	5.668	(1.004)	2519641	39.4147	2600
32	4-Chloroaniline	127	5.722	5.721	(1.014)	298508	11.5765	770
33	Hexachlorobutadiene	225	5.798	5.798	(1.027)	473115	36.1464	2400
111	Caprolactam	113	6.103	6.103	(1.081)	188077	36.2749	2400
8	4-Chloro-3-methylphenol	107	6.221	6.221	(1.102)	1276954	70.2389	4700
34	2-Methylnaphthalene	142	6.356	6.362	(1.126)	1624717	36.8955	2400
120	1-Methylnaphthalene	142	6.456	6.462	(1.144)	1512559	34.0343	2300
35	Hexachlorocyclopentadiene	237	6.527	6.526	(0.882)	361904	35.4148	2400
129	1,2,4,5-Tetrachlorobenzene	216	6.532	6.532	(0.883)	661135	37.2268	2500(H)
9	2,4,6-Trichlorophenol	196	6.650	6.650	(0.899)	816425	73.3963	4900
10	2,4,5-Trichlorophenol	196	6.685	6.691	(0.904)	795227	72.0362	4800
$ 77	2-Fluorobiphenyl (SUR)	172	6.726	6.726	(0.909)	1340792	33.3293	2200
102	Diphenyl	154	6.826	6.826	(0.923)	1797530	39.5246	2600
36	2-Chloronaphthalene	162	6.844	6.849	(0.925)	1329750	38.1746	2500
103	Diphenyl Ether	170	6.926	6.926	(0.936)	1006418	38.8485	2600
37	2-Nitroaniline	65	6.950	6.949	(0.940)	468398	42.3783	2800
38	Dimethylphthalate	163	7.126	7.131	(0.963)	1213858	38.3528	2600
40	2,6-Dinitrotoluene	165	7.185	7.190	(0.971)	299034	37.4501	2500
39	Acenaphthylene	152	7.255	7.255	(0.981)	1969054	38.6488	2600
41	3-Nitroaniline	138	7.355	7.355	(0.994)	159423	20.2498	1300
* 82	Acenaphthene-d10	164	7.396	7.396	(1.000)	1185985	40.0000	
42	Acenaphthene	154	7.426	7.431	(1.004)	1261794	38.7454	2600
11	2,4-Dinitrophenol	184	7.461	7.460	(1.009)	149747	53.6786	3600
12	4-Nitrophenol	65	7.531	7.531	(1.018)	430166	86.2003	5700
44	2,4-Dinitrotoluene	165	7.584	7.590	(1.025)	342711	36.9578	2500
43	Dibenzofuran	168	7.596	7.602	(1.027)	1621043	37.6464	2500

Data File: /chem/BNAMS10.i/8270/03-17-13/21mar13.b/p35608.d
Report Date: 21-Mar-2013 17:15

			QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	130	2,3,4,6-Tetrachlorophenol	232	7.725	7.725	(1.044)	264110	36.5715	2400
	45	Diethylphthalate	149	7.825	7.825	(1.058)	1094876	37.2396	2500
	47	Fluorene	166	7.937	7.936	(1.073)	1293670	38.1728	2500
	46	4-Chlorophenyl-phenylether	204	7.931	7.931	(1.072)	610897	37.4218	2500
	48	4-Nitroaniline	138	7.960	7.960	(1.076)	216395	31.4063	2100
	13	4,6-Dinitro-2-methylphenol	198	7.995	7.989	(0.902)	263908	67.5877	4500
	49	N-Nitrosodiphenylamine	169	8.048	8.054	(0.908)	869790	42.1417	2800
	75	1,2-Diphenylhydrazine	77	8.089	8.089	(0.913)	1275376	37.2855	2500
$	18	2,4,6-Tribromophenol (SUR)	330	8.178	8.177	(1.106)	308071	62.4815	4200
	50	4-Bromophenyl-phenylether	248	8.413	8.412	(0.950)	333588	39.8359	2600
	51	Hexachlorobenzene	284	8.489	8.489	(0.958)	347856	39.9520	2700
	112	Atrazine	200	8.571	8.577	(0.968)	137690	22.1075	1500
	14	Pentachlorophenol	266	8.677	8.677	(0.979)	326408	76.2760	5100
	115	n-Octadecane	57	8.748	8.747	(0.987)	882280	42.2833	2800
*	83	Phenanthrene-d10	188	8.859	8.859	(1.000)	1275462	40.0000	
	52	Phenanthrene	178	8.883	8.882	(1.003)	1407503	40.4861	2700
	53	Anthracene	178	8.930	8.929	(1.008)	1416569	39.9558	2700
	54	Carbazole	167	9.088	9.088	(1.026)	1151208	40.5556	2700
	55	Di-n-butylphthalate	149	9.423	9.423	(1.064)	1367424	39.3859	2600
	56	Fluoranthene	202	10.046	10.046	(1.134)	1144700	40.5148	2700
	57	Pyrene	202	10.275	10.275	(0.883)	1122322	35.3821	2400
$	78	Terphenyl-d14	244	10.428	10.422	(0.896)	668402	30.2596	2000
	59	Butylbenzylphthalate	149	10.951	10.951	(0.941)	472980	37.2208	2500
	60	3,3'-Dichlorobenzidine	252	11.585	11.579	(0.996)	135868	21.7330	1400
	61	Benzo(a)anthracene	228	11.621	11.615	(0.999)	794413	36.6913	2400
*	81	Chrysene-d12	240	11.632	11.626	(1.000)	697678	40.0000	
	62	Chrysene	228	11.668	11.662	(1.003)	742901	38.7100	2600
	63	bis(2-Ethylhexyl)phthalate	149	11.650	11.644	(1.002)	606696	37.9061	2500
	64	Di-n-octylphthalate	149	12.508	12.502	(0.922)	847777	35.5465	2400
	65	Benzo(b)fluoranthene	252	13.037	13.031	(0.961)	623602	35.2833	2400
	66	Benzo(k)fluoranthene	252	13.072	13.066	(0.964)	668585	37.6885	2500
	67	Benzo(a)pyrene	252	13.483	13.477	(0.994)	540183	38.1839	2500
*	84	Perylene-d12	264	13.565	13.553	(1.000)	567304	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	15.017	15.011	(1.107)	648550	43.8039	2900
	69	Dibenz(a,h)anthracene	278	15.046	15.034	(1.109)	524094	39.4242	2600
	70	Benzo(g,h,i)perylene	276	15.375	15.369	(1.133)	563393	39.4036	2600

QC Flag Legend

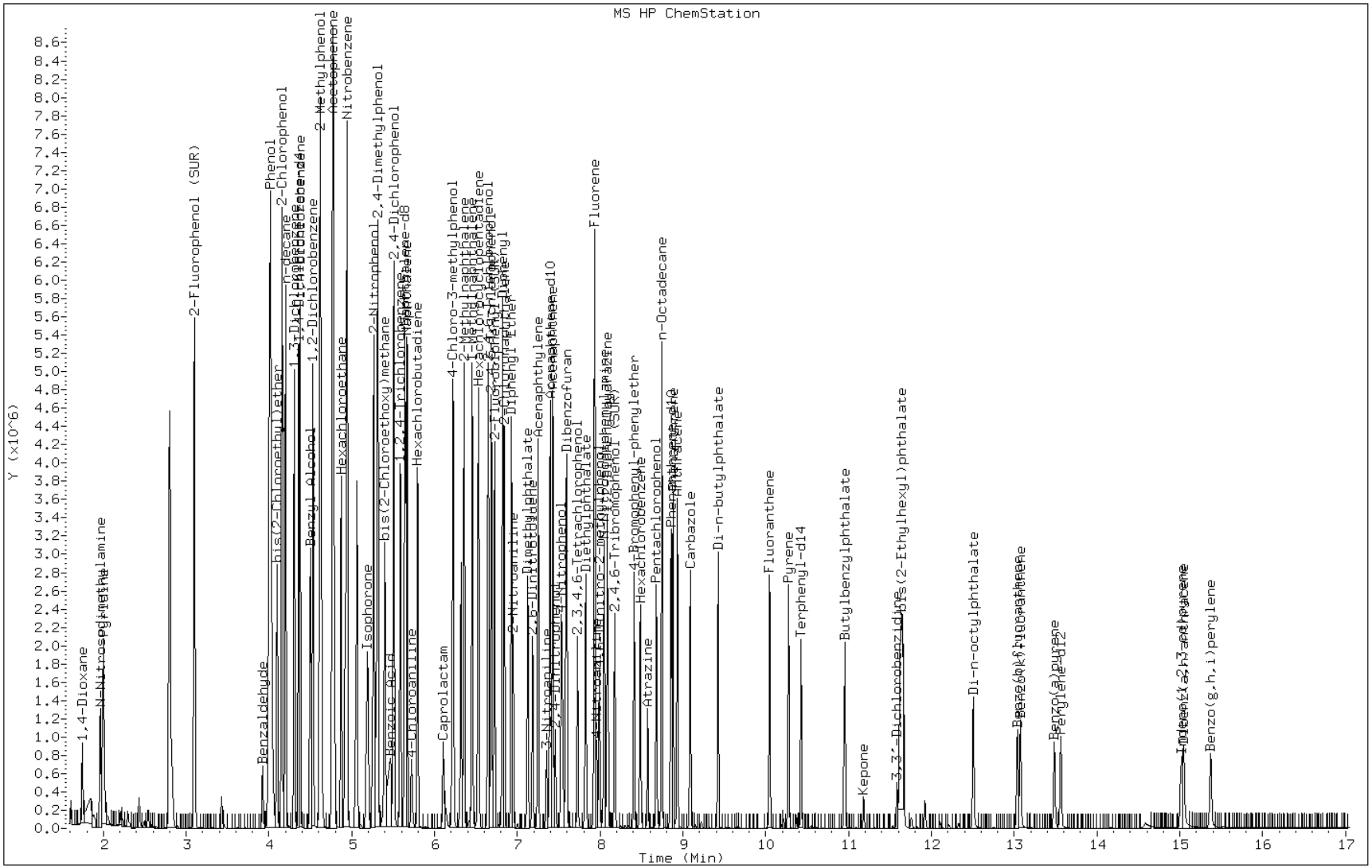
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: p35608.d

Date: 21-MAR-2013 05:59

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-151520/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151546/2-A

Matrix: Water | Lab File ID: z20045.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/22/2013 09:30

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.: 152320 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	85.1		1.0	0.26
95-50-1	1,2-Dichlorobenzene	84.6		10	2.5
541-73-1	1,3-Dichlorobenzene	84.6		10	2.4
106-46-7	1,4-Dichlorobenzene	84.6		10	2.5
121-14-2	2,4-Dinitrotoluene	94.8		2.0	0.47
606-20-2	2,6-Dinitrotoluene	94.7		2.0	0.61
91-58-7	2-Chloronaphthalene	90.3		10	2.7
91-57-6	2-Methylnaphthalene	86.9		10	3.0
88-74-4	2-Nitroaniline	94.1		20	4.9
91-94-1	3,3'-Dichlorobenzidine	117		20	4.9
99-09-2	3-Nitroaniline	94.6		20	5.0
101-55-3	4-Bromophenyl phenyl ether	91.5		10	2.5
106-47-8	4-Chloroaniline	80.8		10	2.0
7005-72-3	4-Chlorophenyl phenyl ether	90.3		10	2.5
100-01-6	4-Nitroaniline	99.0		20	5.8
83-32-9	Acenaphthene	89.5		10	2.7
208-96-8	Acenaphthylene	89.2		10	2.7
120-12-7	Anthracene	88.2		10	2.8
56-55-3	Benzo[a]anthracene	86.3		1.0	0.27
50-32-8	Benzo[a]pyrene	89.9		1.0	0.14
205-99-2	Benzo[b]fluoranthene	82.3		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	106		10	2.0
207-08-9	Benzo[k]fluoranthene	87.1		1.0	0.26
108-60-1	bis (2-chloroisopropyl) ether	81.7		10	2.0
111-91-1	Bis(2-chloroethoxy)methane	89.6		10	2.6
111-44-4	Bis(2-chloroethyl)ether	84.1		1.0	0.28
117-81-7	Bis(2-ethylhexyl) phthalate	96.0		10	2.0
85-68-7	Butyl benzyl phthalate	93.2		10	2.5
86-74-8	Carbazole	93.5		10	3.2
218-01-9	Chrysene	91.2		10	3.1
53-70-3	Dibenz(a,h)anthracene	100		1.0	0.090
132-64-9	Dibenzofuran	90.8		10	2.8
84-66-2	Diethyl phthalate	97.1		10	2.9
131-11-3	Dimethyl phthalate	97.2		10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151546/2-A

Matrix: Water | Lab File ID: z20045.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/22/2013 09:30

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.: 152320 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	97.4		10	2.9
117-84-0	Di-n-octyl phthalate	92.2		10	1.5
206-44-0	Fluoranthene	93.8		10	3.2
86-73-7	Fluorene	89.8		10	2.8
118-74-1	Hexachlorobenzene	88.2		1.0	0.29
87-68-3	Hexachlorobutadiene	83.8		2.0	0.57
77-47-4	Hexachlorocyclopentadiene	72.4		10	1.7
67-72-1	Hexachloroethane	84.2		1.0	0.25
193-39-5	Indeno[1,2,3-cd]pyrene	107		1.0	0.15
78-59-1	Isophorone	82.6		10	2.7
91-20-3	Naphthalene	86.4		10	2.7
98-95-3	Nitrobenzene	86.2		1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	91.4		1.0	0.25
86-30-6	N-Nitrosodiphenylamine	104		10	2.9
85-01-8	Phenanthrene	90.4		10	3.1
129-00-0	Pyrene	81.3		10	2.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		53-108
4165-60-0	Nitrobenzene-d5	88		56-112
1718-51-0	Terphenyl-d14	82		50-122

Data File: /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20045.d
Report Date: 22-Mar-2013 10:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20045.d
Lab Smp Id: LCS 460-151546/2-A
Inj Date : 22-MAR-2013 09:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-151546/2-A
Misc Info : LCS 460-151546/2-A
Comment :
Method : /chem/BNAMS11.i/8270/03-21-13/22mar13.b/8270C_11.m
Meth Date : 22-Mar-2013 01:09 asfawa Quant Type: ISTD
Cal Date : 21-MAR-2013 13:34 Cal File: z19999.d
Als bottle: 22 QC Sample: LCS
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)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.637	1.625	(0.187)	61299	22.4080	45
	19 N-Nitrosodimethylamine	74	1.849	1.854	(0.433)	91056	19.5608	39
	71 Pyridine	79	1.884	1.884	(0.442)	152508	18.7043	37
$	16 2-Fluorophenol (SUR)	112	2.984	2.990	(0.699)	136910	18.5279	37
	110 Benzaldehyde	77	3.819	3.819	(0.895)	181383	75.4940	150(R)
$	17 Phenol-d5 (SUR)	99	3.901	3.919	(0.914)	84800	10.1900	20
	1 Phenol	94	3.913	3.931	(0.917)	114011	12.4625	25
	73 Aniline	93	3.931	3.937	(0.921)	266166	26.1662	52
	20 bis(2-Chloroethyl)ether	93	3.996	4.007	(0.937)	310148	42.0482	84
	2 2-Chlorophenol	128	4.054	4.066	(0.950)	288441	39.3970	79
	113 n-decane	43	4.113	4.119	(0.964)	345217	38.0108	76
	21 1,3-Dichlorobenzene	146	4.207	4.213	(0.986)	356950	42.2907	84
*	79 1,4-Dichlorobenzene-d4	152	4.266	4.266	(1.000)	203370	40.0000	
	22 1,4-Dichlorobenzene	146	4.284	4.284	(1.004)	365576	42.3220	85
	74 Benzyl Alcohol	108	4.401	4.413	(1.032)	124313	29.3525	59

Data File: /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20045.d
Report Date: 22-Mar-2013 10:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
23	1,2-Dichlorobenzene	146	4.437	4.437	(1.040)	333154	42.3034	85
3	2-Methylphenol	108	4.525	4.537	(1.061)	183949	30.6301	61
24	bis (2-chloroisopropyl) ether	45	4.543	4.548	(1.065)	418234	40.8354	82
4	4-Methylphenol	108	4.684	4.690	(1.098)	164953	25.4217	51
123	3 & 4 Methylphenol	108	4.684	4.690	(1.098)	164953	25.5692	51
104	Acetophenone	105	4.672	4.684	(1.095)	396128	41.9284	84
25	N-Nitroso-di-n-propylamine	70	4.678	4.690	(1.097)	218653	45.7153	91
26	Hexachloroethane	117	4.778	4.778	(1.120)	149339	42.1214	84
$ 76	Nitrobenzene-d5 (SUR)	82	4.825	4.831	(0.870)	327086	43.7532	88
27	Nitrobenzene	77	4.848	4.854	(0.874)	449127	43.0869	86
107	N,N-Dimethylaniline	120	4.848	4.854	(1.136)	393720	37.7496	75
28	Isophorone	82	5.084	5.095	(0.916)	454006	41.2994	82
5	2-Nitrophenol	139	5.166	5.172	(0.931)	152155	44.7072	89
6	2,4-Dimethylphenol	122	5.219	5.225	(0.941)	208904	39.3450	79
29	bis(2-Chloroethoxy)methane	93	5.307	5.313	(0.957)	313612	44.7874	90
15	Benzoic Acid	122	5.295	5.372	(0.954)	22088	10.0202	20(H)
7	2,4-Dichlorophenol	162	5.413	5.419	(0.976)	213345	45.4488	91
30	1,2,4-Trichlorobenzene	180	5.495	5.501	(0.990)	249992	42.5721	85
* 80	Naphthalene-d8	136	5.548	5.554	(1.000)	704760	40.0000	
31	Naphthalene	128	5.572	5.578	(1.004)	827353	43.2018	86
32	4-Chloroaniline	127	5.625	5.631	(1.014)	257237	40.4216	81
33	Hexachlorobutadiene	225	5.707	5.713	(1.029)	157152	41.8835	84
111	Caprolactam	113	5.978	6.013	(1.077)	9272	8.39475	17
8	4-Chloro-3-methylphenol	107	6.125	6.137	(1.104)	197879	42.5925	85
34	2-Methylnaphthalene	142	6.266	6.272	(1.129)	481808	43.4749	87
120	1-Methylnaphthalene	142	6.366	6.372	(1.147)	439449	39.5774	79
35	Hexachlorocyclopentadiene	237	6.437	6.442	(0.882)	121194	36.2208	72
129	1,2,4,5-Tetrachlorobenzene	216	6.437	6.448	(0.882)	204656	41.1692	82
9	2,4,6-Trichlorophenol	196	6.554	6.560	(0.898)	131418	46.6532	93
10	2,4,5-Trichlorophenol	196	6.590	6.607	(0.903)	127652	47.6018	95
$ 77	2-Fluorobiphenyl (SUR)	172	6.637	6.642	(0.909)	472636	44.7894	90
102	Diphenyl	154	6.737	6.742	(0.923)	575860	47.0197	94
36	2-Chloronaphthalene	162	6.754	6.760	(0.925)	412669	45.1742	90
103	Diphenyl Ether	170	6.837	6.848	(0.936)	288659	45.6483	91
37	2-Nitroaniline	65	6.854	6.860	(0.939)	174008	47.0668	94
38	Dimethylphthalate	163	7.042	7.048	(0.965)	408609	48.5807	97
40	2,6-Dinitrotoluene	165	7.095	7.107	(0.972)	89358	47.3374	95
39	Acenaphthylene	152	7.160	7.166	(0.981)	570982	44.5784	89
41	3-Nitroaniline	138	7.260	7.272	(0.994)	83408	47.2948	94
* 82	Acenaphthene-d10	164	7.301	7.313	(1.000)	286930	40.0000	
42	Acenaphthene	154	7.337	7.342	(1.005)	378297	44.7382	89
11	2,4-Dinitrophenol	184	7.360	7.372	(1.008)	22516	31.2121	62
12	4-Nitrophenol	65	7.437	7.448	(1.019)	16839	10.8979	22(a)
44	2,4-Dinitrotoluene	165	7.489	7.501	(1.026)	106213	47.3910	95
43	Dibenzofuran	168	7.507	7.513	(1.028)	497486	45.3864	91
130	2,3,4,6-Tetrachlorophenol	232	7.631	7.642	(1.045)	81838	43.3348	87
45	Diethylphthalate	149	7.737	7.748	(1.060)	375576	48.5622	97

Data File: /chem/BNAMS11.i/8270/03-21-13/22mar13.b/z20045.d
Report Date: 22-Mar-2013 10:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	46 4-Chlorophenyl-phenylether	204	7.842	7.854	(1.074)	195616	45.1680	90
	47 Fluorene	166	7.842	7.848	(1.074)	399812	44.9225	90
	48 4-Nitroaniline	138	7.866	7.878	(1.077)	74449	49.4980	99
	13 4,6-Dinitro-2-methylphenol	198	7.895	7.907	(0.901)	44645	43.6472	87
	49 N-Nitrosodiphenylamine	169	7.960	7.972	(0.908)	266179	51.8664	100
	75 1,2-Diphenylhydrazine	77	8.001	8.007	(0.913)	392844	38.4273	77
$	18 2,4,6-Tribromophenol (SUR)	330	8.084	8.089	(1.107)	55435	44.5285	89
	50 4-Bromophenyl-phenylether	248	8.325	8.330	(0.950)	101050	45.7437	91
	51 Hexachlorobenzene	284	8.395	8.401	(0.958)	102959	44.1222	88
	112 Atrazine	200	8.489	8.501	(0.968)	65557	39.2225	78
	14 Pentachlorophenol	266	8.584	8.595	(0.979)	43656	40.7239	81
	115 n-Octadecane	57	8.672	8.683	(0.989)	306791	42.1068	84
*	83 Phenanthrene-d10	188	8.766	8.772	(1.000)	319457	40.0000	
	52 Phenanthrene	178	8.789	8.795	(1.003)	432268	45.2231	90
	53 Anthracene	178	8.836	8.848	(1.008)	425395	44.1193	88
	54 Carbazole	167	8.995	9.007	(1.026)	326577	46.7554	94
	55 Di-n-butylphthalate	149	9.342	9.354	(1.066)	455377	48.7077	97
	56 Fluoranthene	202	9.954	9.966	(1.136)	355520	46.9126	94
	58 Benzidine	184	10.083	10.113	(1.150)	14069	14.1613	28
	57 Pyrene	202	10.178	10.189	(0.884)	342135	40.6656	81
$	78 Terphenyl-d14	244	10.336	10.348	(0.897)	228493	41.0269	82
	59 Butylbenzylphthalate	149	10.860	10.871	(0.943)	146532	46.5938	93
	60 3,3'-Dichlorobenzidine	252	11.477	11.489	(0.996)	78602	58.4505	120
	61 Benzo(a)anthracene	228	11.501	11.513	(0.998)	251326	43.1745	86
*	81 Chrysene-d12	240	11.519	11.530	(1.000)	181673	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.554	11.571	(1.003)	193735	48.0123	96
	62 Chrysene	228	11.548	11.560	(1.003)	243637	45.5968	91
	64 Di-n-octylphthalate	149	12.401	12.418	(0.925)	283085	46.1023	92
	65 Benzo(b)fluoranthene	252	12.895	12.913	(0.961)	196510	41.1545	82
	66 Benzo(k)fluoranthene	252	12.936	12.948	(0.964)	228003	43.5396	87
	67 Benzo(a)pyrene	252	13.336	13.354	(0.994)	177373	44.9315	90
*	84 Perylene-d12	264	13.413	13.430	(1.000)	160364	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.907	14.930	(1.111)	189128	53.3286	110
	69 Dibenz(a,h)anthracene	278	14.948	14.965	(1.114)	183028	50.0178	100
	70 Benzo(g,h,i)perylene	276	15.324	15.348	(1.143)	196541	53.0484	110

QC Flag Legend

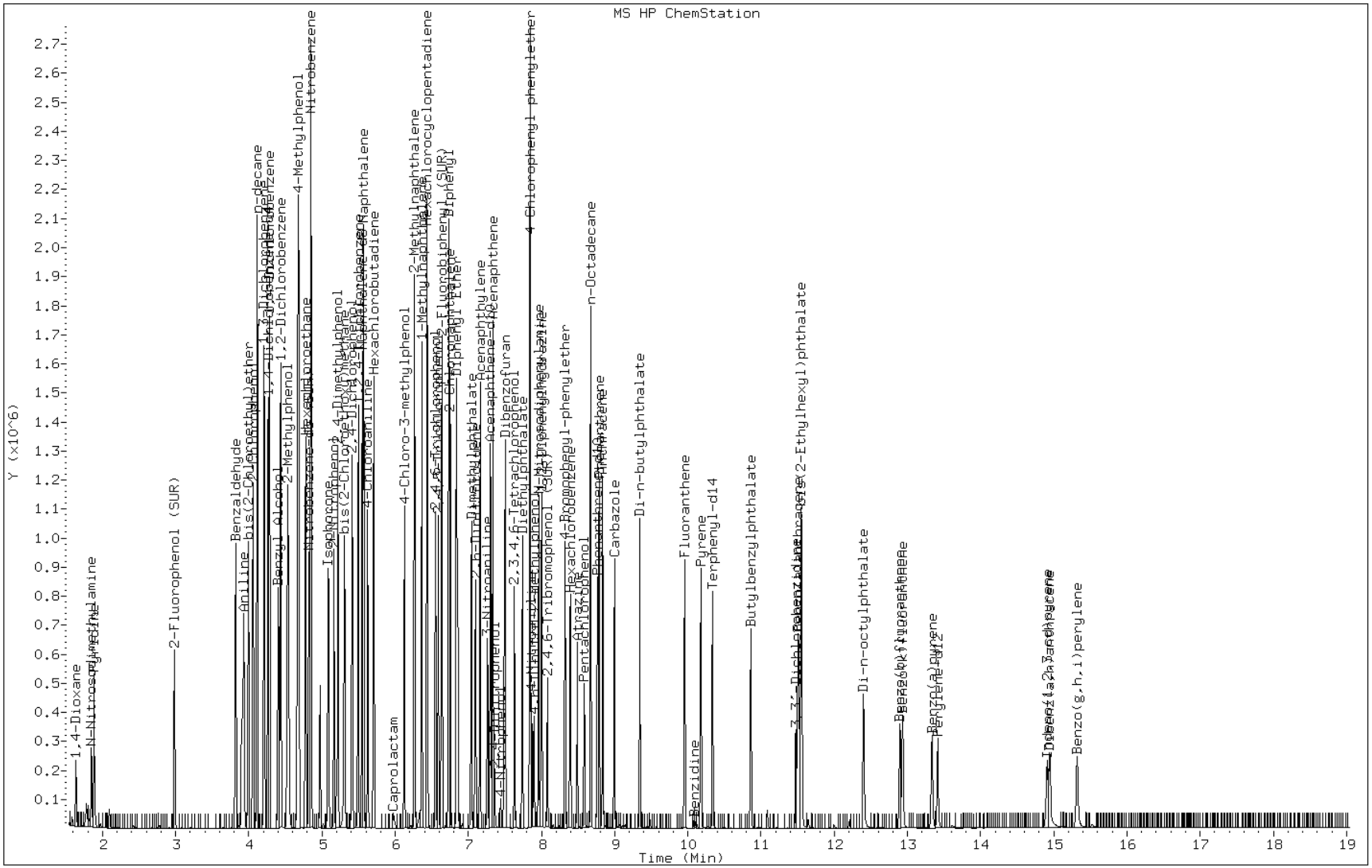
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: z20045.d

Date: 22-MAR-2013 09:30

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-151546/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151635/2-A

Matrix: Solid | Lab File ID: p35504.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 03:31

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.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2560		33	3.7
95-50-1	1,2-Dichlorobenzene	2550		330	38
541-73-1	1,3-Dichlorobenzene	2500		330	30
106-46-7	1,4-Dichlorobenzene	2520		330	37
121-14-2	2,4-Dinitrotoluene	2690		67	11
606-20-2	2,6-Dinitrotoluene	2750		67	10
91-58-7	2-Chloronaphthalene	2660		330	37
91-57-6	2-Methylnaphthalene	2660		330	42
88-74-4	2-Nitroaniline	2440		670	140
91-94-1	3,3'-Dichlorobenzidine	1890		670	120
99-09-2	3-Nitroaniline	1610		670	120
101-55-3	4-Bromophenyl phenyl ether	2920		330	33
106-47-8	4-Chloroaniline	1160		330	87
7005-72-3	4-Chlorophenyl phenyl ether	2710		330	39
100-01-6	4-Nitroaniline	2410		670	100
83-32-9	Acenaphthene	2710		330	48
208-96-8	Acenaphthylene	2630		330	39
120-12-7	Anthracene	2760		330	40
56-55-3	Benzo[a]anthracene	2760		33	2.3
50-32-8	Benzo[a]pyrene	2820		33	2.3
205-99-2	Benzo[b]fluoranthene	2840		33	2.1
191-24-2	Benzo[g,h,i]perylene	2680		330	24
207-08-9	Benzo[k]fluoranthene	2790		33	2.5
108-60-1	bis (2-chloroisopropyl) ether	2690		330	37
111-91-1	Bis(2-chloroethoxy)methane	2750		330	43
111-44-4	Bis(2-chloroethyl)ether	2590		33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	2900		330	110
85-68-7	Butyl benzyl phthalate	2800		330	30
86-74-8	Carbazole	2780		330	39
218-01-9	Chrysene	2810		330	39
53-70-3	Dibenz(a,h)anthracene	2870		33	4.2
132-64-9	Dibenzofuran	2660		330	39
84-66-2	Diethyl phthalate	2770		330	39
131-11-3	Dimethyl phthalate	2790		330	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151635/2-A

Matrix: Solid | Lab File ID: p35504.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 03:31

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.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2850		330	41
117-84-0	Di-n-octyl phthalate	3030		330	21
206-44-0	Fluoranthene	2800		330	44
86-73-7	Fluorene	2670		330	42
118-74-1	Hexachlorobenzene	2900		33	4.5
87-68-3	Hexachlorobutadiene	2530		67	8.1
77-47-4	Hexachlorocyclopentadiene	1960		330	39
67-72-1	Hexachloroethane	2540		33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	2560		33	6.1
78-59-1	Isophorone	2560		330	40
91-20-3	Naphthalene	2760		330	38
98-95-3	Nitrobenzene	2580		33	4.7
621-64-7	N-Nitrosodi-n-propylamine	2880		33	5.5
86-30-6	N-Nitrosodiphenylamine	3050		330	33
85-01-8	Phenanthrene	2860		330	42
129-00-0	Pyrene	2590		330	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	76		40-109
4165-60-0	Nitrobenzene-d5	75		38-105
1718-51-0	Terphenyl-d14	75		16-151

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35504.d
Report Date: 19-Mar-2013 08:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35504.d
Lab Smp Id: LCS 460-151635/2-A
Inj Date : 19-MAR-2013 03:31
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-151635/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/8270C_11.m
Meth Date : 19-Mar-2013 03:11 wahied Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 3 QC Sample: BS
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	1.800	1.688	(0.406)	257507	22.6438	1500
19	N-Nitrosodimethylamine	74	2.023	1.935	(0.456)	699547	40.1015	2700
71	Pyridine	79	2.058	1.964	(0.464)	931618	30.9422	2100
$ 16	2-Fluorophenol (SUR)	112	3.186	3.133	(0.719)	2075646	66.8284	4400
110	Benzaldehyde	77	3.997	3.985	(0.902)	379026	37.2041	2500
$ 17	Phenol-d5 (SUR)	99	4.079	4.067	(0.920)	2504736	70.3542	4700
73	Aniline	93	4.109	4.097	(0.927)	877754	20.6813	1400
1	Phenol	94	4.097	4.085	(0.924)	2692913	68.3737	4600
20	bis(2-Chloroethyl)ether	93	4.167	4.161	(0.940)	1269509	38.8905	2600
2	2-Chlorophenol	128	4.232	4.226	(0.955)	2216753	72.0439	4800
113	n-decane	43	4.261	4.267	(0.962)	1168423	33.1786	2200
21	1,3-Dichlorobenzene	146	4.379	4.379	(0.988)	1354506	37.4953	2500
* 79	1,4-Dichlorobenzene-d4	152	4.432	4.432	(1.000)	916094	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35504.d
Report Date: 19-Mar-2013 08:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	4.449	4.449	(1.004)	1339780	37.8684	2500
	74 Benzyl Alcohol	108	4.567	4.567	(1.030)	793122	41.2037	2700
	23 1,2-Dichlorobenzene	146	4.602	4.602	(1.038)	1278427	38.2936	2600
	3 2-Methylphenol	108	4.684	4.684	(1.057)	1981009	74.0607	4900
	24 bis (2-chloroisopropyl) ether	45	4.702	4.702	(1.061)	1641920	40.3312	2700
	104 Acetophenone	105	4.837	4.837	(1.091)	1333875	37.6007	2500
	25 N-Nitroso-di-n-propylamine	70	4.867	4.837	(1.098)	821383	43.2127	2900(M)
	4 4-Methylphenol	108	4.849	4.843	(1.094)	2006509	69.4976	4600
	123 3 & 4 Methylphenol	108	4.849	4.843	(1.094)	2006509	69.2449	4600
	26 Hexachloroethane	117	4.937	4.943	(1.114)	513634	38.2222	2500
$	76 Nitrobenzene-d5 (SUR)	82	4.990	4.990	(0.873)	1129013	37.6428	2500
	27 Nitrobenzene	77	5.008	5.013	(0.877)	1518594	38.7324	2600
	107 N,N-Dimethylaniline	120	5.013	5.013	(1.131)	1395317	34.4596	2300
	28 Isophorone	82	5.260	5.248	(0.921)	1798314	38.4684	2600
	5 2-Nitrophenol	139	5.331	5.331	(0.933)	1245713	79.0002	5300
	6 2,4-Dimethylphenol	122	5.378	5.378	(0.941)	1745823	69.7207	4600
	29 bis(2-Chloroethoxy)methane	93	5.466	5.466	(0.957)	1274408	41.2571	2800
	15 Benzoic Acid	122	5.548	5.489	(0.971)	769362	66.0223	4400
	7 2,4-Dichlorophenol	162	5.577	5.577	(0.976)	1587968	73.5188	4900
	30 1,2,4-Trichlorobenzene	180	5.660	5.660	(0.991)	1012339	38.3813	2600
*	80 Naphthalene-d8	136	5.713	5.713	(1.000)	2822463	40.0000	
	31 Naphthalene	128	5.736	5.736	(1.004)	2897874	41.5153	2800
	32 4-Chloroaniline	127	5.789	5.789	(1.013)	496437	17.4645	1200
	33 Hexachlorobutadiene	225	5.865	5.865	(1.027)	549228	38.0645	2500
	111 Caprolactam	113	6.177	6.147	(1.081)	247166	43.2442	2900(H)
	8 4-Chloro-3-methylphenol	107	6.294	6.283	(1.102)	1583098	78.9913	5300
	34 2-Methylnaphthalene	142	6.429	6.429	(1.125)	1942291	40.0109	2700
	120 1-Methylnaphthalene	142	6.529	6.529	(1.143)	1826075	37.2727	2500
	35 Hexachlorocyclopentadiene	237	6.594	6.594	(0.883)	360600	29.3672	2000
	129 1,2,4,5-Tetrachlorobenzene	216	6.600	6.600	(0.884)	793646	37.1910	2500
	9 2,4,6-Trichlorophenol	196	6.717	6.717	(0.899)	1030761	77.1190	5100
	10 2,4,5-Trichlorophenol	196	6.758	6.753	(0.905)	990024	74.6365	5000
$	77 2-Fluorobiphenyl (SUR)	172	6.794	6.794	(0.910)	1845805	38.1853	2500
	102 Diphenyl	154	6.894	6.894	(0.923)	2202174	40.2985	2700
	36 2-Chloronaphthalene	162	6.917	6.911	(0.926)	1671171	39.9274	2700
	103 Diphenyl Ether	170	6.999	6.993	(0.937)	1253799	40.2781	2700
	37 2-Nitroaniline	65	7.017	7.017	(0.939)	486680	36.6453	2400
	38 Dimethylphthalate	163	7.199	7.193	(0.964)	1596030	41.9678	2800
	40 2,6-Dinitrotoluene	165	7.258	7.252	(0.972)	396104	41.2845	2800
	39 Acenaphthylene	152	7.328	7.323	(0.981)	2414082	39.4345	2600
	41 3-Nitroaniline	138	7.422	7.422	(0.994)	228350	24.1389	1600
*	82 Acenaphthene-d10	164	7.469	7.464	(1.000)	1425061	40.0000	
	42 Acenaphthene	154	7.499	7.499	(1.004)	1589993	40.6324	2700
	11 2,4-Dinitrophenol	184	7.528	7.522	(1.008)	239585	68.3785	4600
	12 4-Nitrophenol	65	7.605	7.593	(1.018)	538210	89.7574	6000
	44 2,4-Dinitrotoluene	165	7.657	7.652	(1.025)	449758	40.3648	2700
	43 Dibenzofuran	168	7.669	7.669	(1.027)	2066728	39.9445	2700

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35504.d
Report Date: 19-Mar-2013 08:34

								CONCENTRATIONS	
		QUANT SIG						ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE		(ug/ml)	(ug/Kg)
	130 2,3,4,6-Tetrachlorophenol	232	7.798	7.793	(1.044)	345704		39.8389	2600
	45 Diethylphthalate	149	7.892	7.887	(1.057)	1470958		41.6376	2800
	47 Fluorene	166	8.010	8.004	(1.072)	1632777		40.0962	2700
	46 4-Chlorophenyl-phenylether	204	8.004	7.998	(1.072)	797979		40.6812	2700
	48 4-Nitroaniline	138	8.033	8.028	(1.075)	299110		36.1282	2400
	13 4,6-Dinitro-2-methylphenol	198	8.063	8.057	(0.903)	389082		78.9676	5300
	49 N-Nitrosodiphenylamine	169	8.122	8.116	(0.909)	1164929		45.8666	3000
	75 1,2-Diphenylhydrazine	77	8.163	8.157	(0.914)	1583920		37.6300	2500
$	18 2,4,6-Tribromophenol (SUR)	330	8.251	8.245	(1.105)	445765		75.2406	5000
	50 4-Bromophenyl-phenylether	248	8.486	8.480	(0.950)	452476		43.9096	2900
	51 Hexachlorobenzene	284	8.562	8.556	(0.959)	466475		43.5378	2900
	112 Atrazine	200	8.645	8.645	(0.968)	203488		26.5507	1800
	14 Pentachlorophenol	266	8.750	8.750	(0.980)	419623		79.1570	5300
	115 n-Octadecane	57	8.815	8.815	(0.987)	1150334		44.8008	3000
*	83 Phenanthrene-d10	188	8.932	8.927	(1.000)	1569524		40.0000	
	52 Phenanthrene	178	8.956	8.950	(1.003)	1839364		42.9955	2900
	53 Anthracene	178	9.003	9.003	(1.008)	1808253		41.4477	2800
	54 Carbazole	167	9.162	9.156	(1.026)	1460457		41.8105	2800
	55 Di-n-butylphthalate	149	9.491	9.491	(1.062)	1830844		42.8537	2800
	56 Fluoranthene	202	10.125	10.119	(1.134)	1462874		42.0755	2800
	58 Benzidine	184	10.249	10.249	(1.176)	3954		0.80513	54(aRMH)
	57 Pyrene	202	10.354	10.348	(0.883)	1424401		38.9110	2600
$	78 Terphenyl-d14	244	10.507	10.501	(0.896)	957927		37.5777	2500
	59 Butylbenzylphthalate	149	11.036	11.030	(0.941)	616947		42.0692	2800
	60 3,3'-Dichlorobenzidine	252	11.676	11.676	(0.996)	205321		28.4584	1900
	61 Benzo(a)anthracene	228	11.712	11.706	(0.999)	1034019		41.3827	2800
*	81 Chrysene-d12	240	11.723	11.723	(1.000)	805159		40.0000	
	62 Chrysene	228	11.759	11.753	(1.003)	936081		42.2648	2800
	63 bis(2-Ethylhexyl)phthalate	149	11.735	11.735	(1.001)	805779		43.6242	2900
	64 Di-n-octylphthalate	149	12.599	12.599	(0.921)	1161198		45.4364	3000
	65 Benzo(b)fluoranthene	252	13.145	13.139	(0.961)	807148		42.6184	2800
	66 Benzo(k)fluoranthene	252	13.180	13.175	(0.964)	797549		41.9559	2800
	67 Benzo(a)pyrene	252	13.592	13.592	(0.994)	642721		42.3979	2800
*	84 Perylene-d12	264	13.674	13.668	(1.000)	607901		40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.137	15.131	(1.107)	610185		38.4604	2600(M)
	69 Dibenz(a,h)anthracene	278	15.161	15.155	(1.109)	615739		43.0622	2900
	70 Benzo(g,h,i)perylene	276	15.507	15.501	(1.134)	617822		40.3247	2700

QC Flag Legend

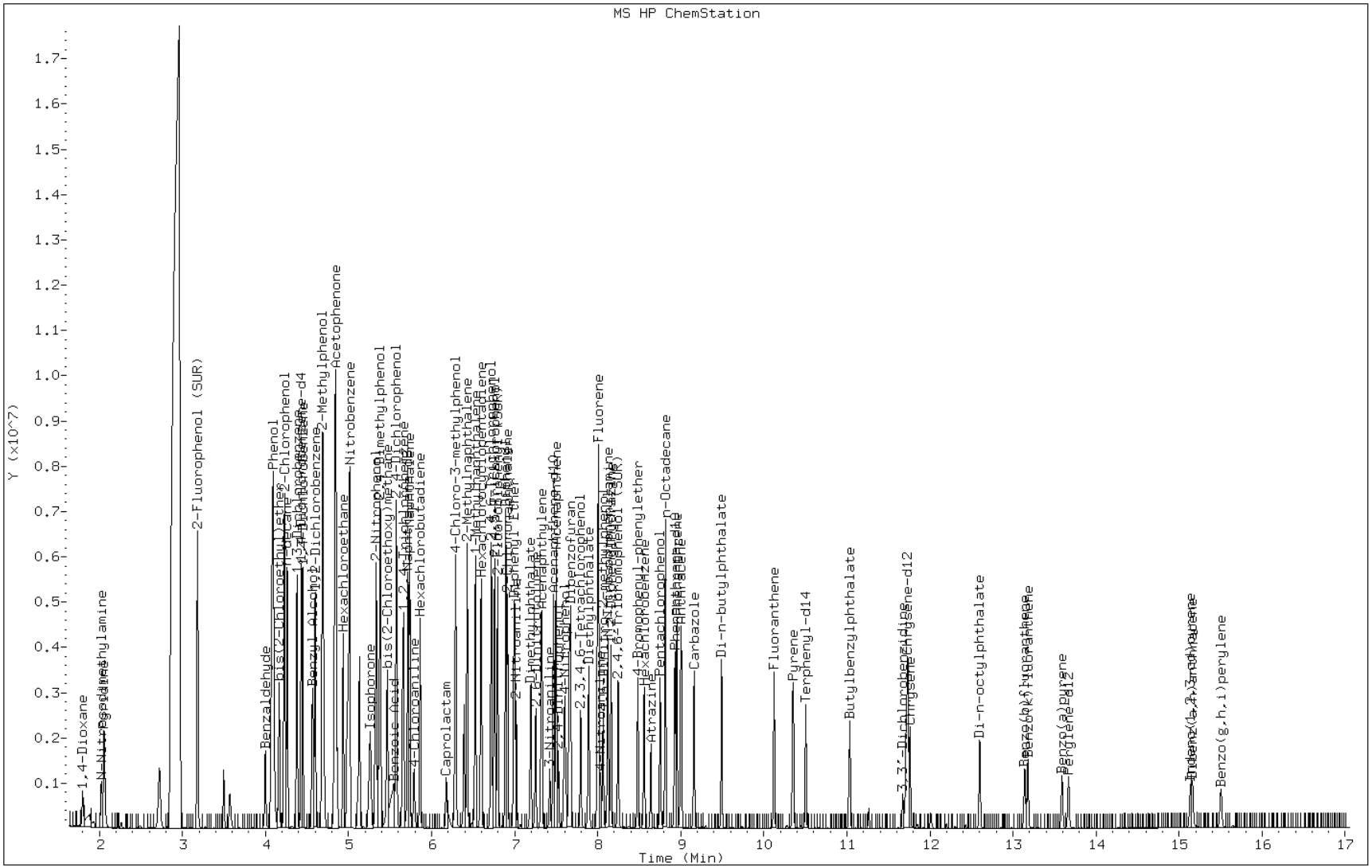
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p35504.d

Date: 19-MAR-2013 03:31

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-151635/2-A Operator: BNAMS 4



Manual Integration Report

Data File: p35504.d
Inj. Date and Time: 19-MAR-2013 03:31
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 03/19/2013

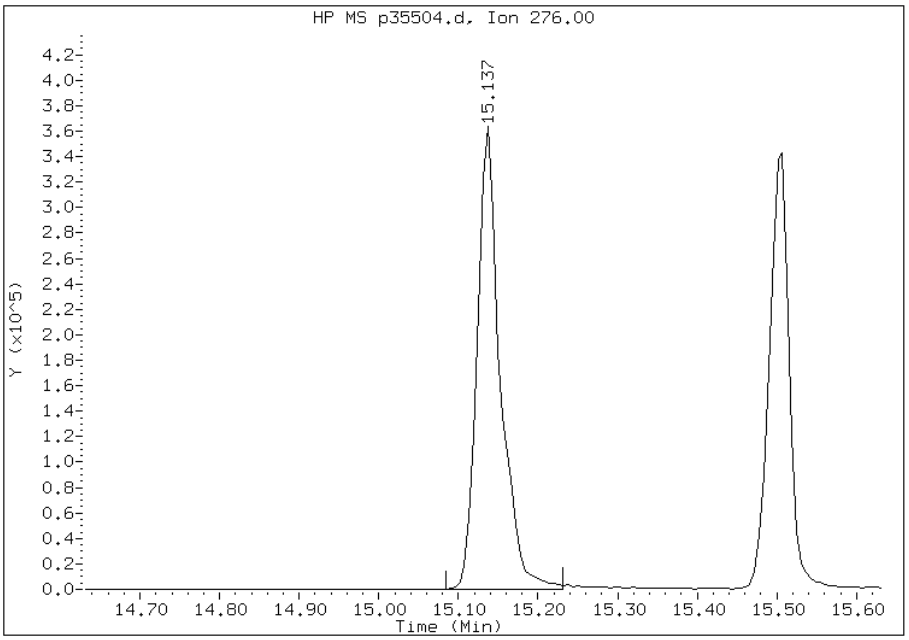
Processing Integration Results

RT: 15.14

Response: 730146

Amount: 46

Conc: 3068



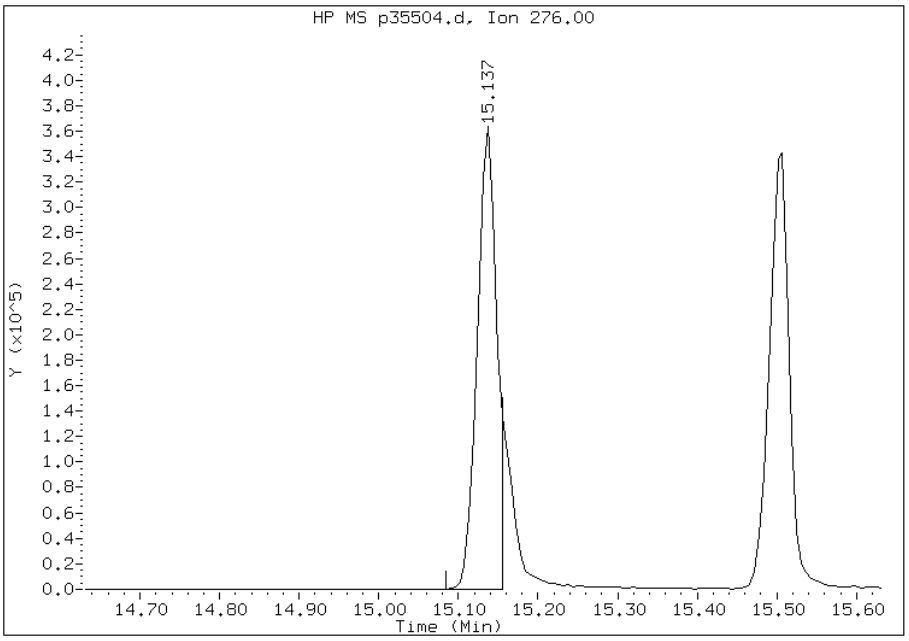
Manual Integration Results

RT: 15.14

Response: 610185

Amount: 38

Conc: 2564



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: p35504.d
Inj. Date and Time: 19-MAR-2013 03:31
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 03/19/2013

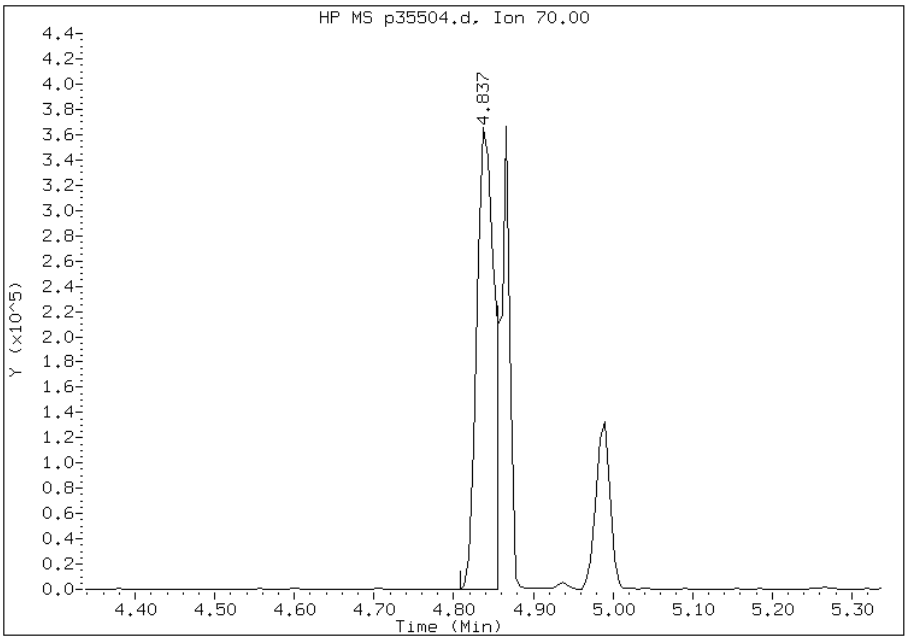
Processing Integration Results

RT: 4.84

Response: 558055

Amount: 29

Conc: 1957



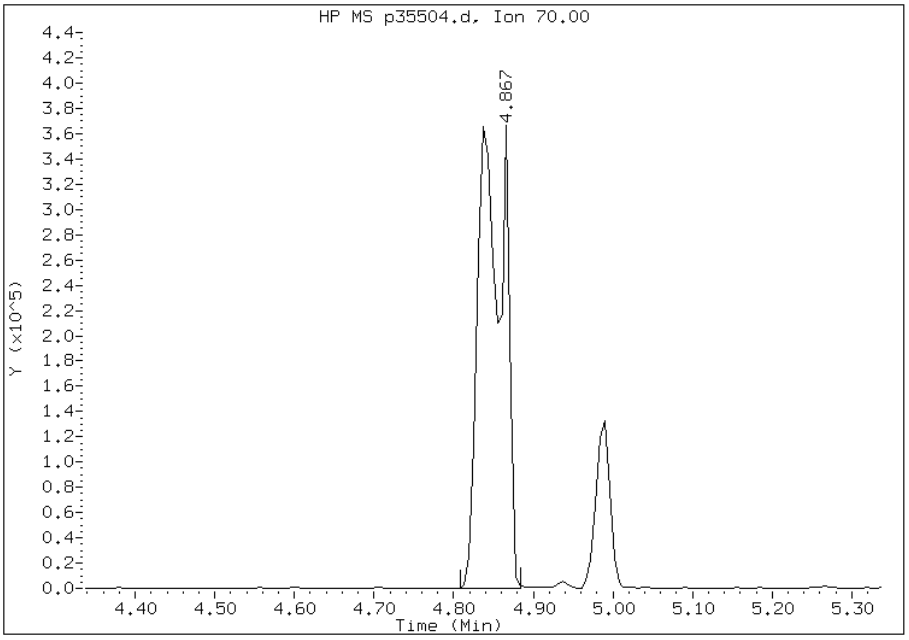
Manual Integration Results

RT: 4.87

Response: 821383

Amount: 43

Conc: 2881



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151640/2-A

Matrix: Solid | Lab File ID: p35582.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/20/2013 17:24

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.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2580		33	3.7
95-50-1	1,2-Dichlorobenzene	2730		330	38
541-73-1	1,3-Dichlorobenzene	2760		330	30
106-46-7	1,4-Dichlorobenzene	2780		330	37
121-14-2	2,4-Dinitrotoluene	2680		67	11
606-20-2	2,6-Dinitrotoluene	2650		67	9.9
91-58-7	2-Chloronaphthalene	2780		330	37
91-57-6	2-Methylnaphthalene	2860		330	42
88-74-4	2-Nitroaniline	2900		670	140
91-94-1	3,3'-Dichlorobenzidine	2240		670	120
99-09-2	3-Nitroaniline	1780		670	120
101-55-3	4-Bromophenyl phenyl ether	2720		330	33
106-47-8	4-Chloroaniline	1610		330	87
7005-72-3	4-Chlorophenyl phenyl ether	2750		330	39
100-01-6	4-Nitroaniline	2600		670	100
83-32-9	Acenaphthene	2790		330	48
208-96-8	Acenaphthylene	2770		330	39
120-12-7	Anthracene	2740		330	40
56-55-3	Benzo[a]anthracene	2620		33	2.3
50-32-8	Benzo[a]pyrene	2730		33	2.3
205-99-2	Benzo[b]fluoranthene	2560		33	2.1
191-24-2	Benzo[g,h,i]perylene	2660		330	24
207-08-9	Benzo[k]fluoranthene	2720		33	2.5
108-60-1	bis (2-chloroisopropyl) ether	2820		330	37
111-91-1	Bis(2-chloroethoxy)methane	2790		330	43
111-44-4	Bis(2-chloroethyl)ether	2670		33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	2720		330	110
85-68-7	Butyl benzyl phthalate	2600		330	30
86-74-8	Carbazole	2900		330	39
218-01-9	Chrysene	2730		330	38
53-70-3	Dibenz(a,h)anthracene	2780		33	4.2
132-64-9	Dibenzofuran	2750		330	39
84-66-2	Diethyl phthalate	2680		330	39
131-11-3	Dimethyl phthalate	2730		330	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151640/2-A

Matrix: Solid | Lab File ID: p35582.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.04(g) | Date Analyzed: 03/20/2013 17:24

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.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2790		330	41
117-84-0	Di-n-octyl phthalate	2790		330	21
206-44-0	Fluoranthene	2790		330	44
86-73-7	Fluorene	2720		330	42
118-74-1	Hexachlorobenzene	2700		33	4.5
87-68-3	Hexachlorobutadiene	2500		67	8.0
77-47-4	Hexachlorocyclopentadiene	2280		330	39
67-72-1	Hexachloroethane	2720		33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	3010		33	6.1
78-59-1	Isophorone	2630		330	40
91-20-3	Naphthalene	2960		330	38
98-95-3	Nitrobenzene	2810		33	4.7
621-64-7	N-Nitrosodi-n-propylamine	2190		33	5.5
86-30-6	N-Nitrosodiphenylamine	2920		330	33
85-01-8	Phenanthrene	2820		330	42
129-00-0	Pyrene	2350		330	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	79		40-109
4165-60-0	Nitrobenzene-d5	78		38-105
1718-51-0	Terphenyl-d14	69		16-151

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35582.d
Report Date: 21-Mar-2013 08:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35582.d
Lab Smp Id: LCS 460-151640/2-A
Inj Date : 20-MAR-2013 17:24
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-151640/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/8270C_11.m
Meth Date : 20-Mar-2013 17:27 czhao Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 5 QC Sample: BS
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	1.785	1.679	(0.406)	271119	32.0580	2100
19	N-Nitrosodimethylamine	74	2.008	1.920	(0.457)	610318	47.0453	3100(RH)
71	Pyridine	79	2.037	1.949	(0.464)	888648	39.6881	2600
$ 16	2-Fluorophenol (SUR)	112	3.142	3.101	(0.715)	1649366	71.4071	4800
110	Benzaldehyde	77	3.959	3.953	(0.901)	302332	39.9046	2700
$ 17	Phenol-d5 (SUR)	99	4.041	4.035	(0.920)	2024011	76.4466	5100
73	Aniline	93	4.065	4.065	(0.925)	768008	24.3325	1600
1	Phenol	94	4.053	4.053	(0.922)	2225974	75.9983	5100
20	bis(2-Chloroethyl)ether	93	4.129	4.129	(0.940)	973197	40.0890	2700
2	2-Chlorophenol	128	4.194	4.188	(0.955)	1755724	76.7279	5100
113	n-decane	43	4.229	4.229	(0.963)	1002538	38.2803	2600
21	1,3-Dichlorobenzene	146	4.341	4.341	(0.988)	1113487	41.4475	2800
* 79	1,4-Dichlorobenzene-d4	152	4.394	4.394	(1.000)	681276	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35582.d
Report Date: 21-Mar-2013 08:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	4.405	4.411	(1.003)	1099157	41.7754	2800
	74 Benzyl Alcohol	108	4.529	4.535	(1.031)	623317	43.5434	2900
	23 1,2-Dichlorobenzene	146	4.558	4.564	(1.037)	1018203	41.0111	2700
	3 2-Methylphenol	108	4.646	4.652	(1.058)	1637548	82.3213	5500
	24 bis (2-chloroisopropyl) ether	45	4.658	4.664	(1.060)	1285069	42.4456	2800
	104 Acetophenone	105	4.799	4.805	(1.092)	1071875	40.6296	2700
	25 N-Nitroso-di-n-propylamine	70	4.799	4.805	(1.092)	465478	32.9292	2200
	4 4-Methylphenol	108	4.811	4.811	(1.095)	1677072	78.1084	5200
	123 3 & 4 Methylphenol	108	4.811	4.811	(1.095)	1677072	77.8243	5200
	26 Hexachloroethane	117	4.899	4.905	(1.115)	408169	40.8432	2700
$	76 Nitrobenzene-d5 (SUR)	82	4.946	4.958	(0.872)	899802	39.1266	2600
	27 Nitrobenzene	77	4.969	4.975	(0.876)	1268312	42.1891	2800
	107 N,N-Dimethylaniline	120	4.969	4.975	(1.131)	1248989	41.4775	2800
	28 Isophorone	82	5.222	5.216	(0.920)	1420385	39.6266	2600
	5 2-Nitrophenol	139	5.293	5.293	(0.933)	970016	80.2289	5300
	6 2,4-Dimethylphenol	122	5.340	5.340	(0.941)	1518631	79.0962	5300
	29 bis(2-Chloroethoxy)methane	93	5.428	5.428	(0.956)	993673	41.9542	2800
	15 Benzoic Acid	122	5.522	5.487	(0.973)	805085	87.0127	5800
	7 2,4-Dichlorophenol	162	5.539	5.539	(0.976)	1294118	78.1398	5200
	30 1,2,4-Trichlorobenzene	180	5.616	5.622	(0.990)	784460	38.7888	2600
*	80 Naphthalene-d8	136	5.674	5.675	(1.000)	2164145	40.0000	
	31 Naphthalene	128	5.692	5.698	(1.003)	2349406	44.4721	3000
	32 4-Chloroaniline	127	5.745	5.751	(1.012)	526143	24.1400	1600
	33 Hexachlorobutadiene	225	5.821	5.827	(1.026)	416358	37.6336	2500
	111 Caprolactam	113	6.133	6.133	(1.081)	197934	45.1650	3000
	8 4-Chloro-3-methylphenol	107	6.250	6.250	(1.101)	1318402	85.7948	5700
	34 2-Methylnaphthalene	142	6.385	6.391	(1.125)	1600015	42.9863	2900
	120 1-Methylnaphthalene	142	6.485	6.491	(1.143)	1503601	40.0265	2700
	35 Hexachlorocyclopentadiene	237	6.556	6.556	(0.883)	335828	34.3643	2300
	129 1,2,4,5-Tetrachlorobenzene	216	6.562	6.562	(0.884)	649922	38.2671	2600
	9 2,4,6-Trichlorophenol	196	6.679	6.679	(0.900)	864927	81.3086	5400
	10 2,4,5-Trichlorophenol	196	6.720	6.720	(0.905)	855073	80.9957	5400
$	77 2-Fluorobiphenyl (SUR)	172	6.756	6.756	(0.910)	1517734	39.4511	2600
	102 Diphenyl	154	6.855	6.856	(0.923)	1855505	42.6631	2800
	36 2-Chloronaphthalene	162	6.873	6.879	(0.926)	1394437	41.8603	2800
	103 Diphenyl Ether	170	6.955	6.955	(0.937)	1040633	42.0041	2800
	37 2-Nitroaniline	65	6.979	6.979	(0.940)	461629	43.6738	2900
	38 Dimethylphthalate	163	7.155	7.161	(0.964)	1244321	41.1112	2700
	40 2,6-Dinitrotoluene	165	7.214	7.220	(0.972)	304032	39.8154	2600
	39 Acenaphthylene	152	7.284	7.284	(0.981)	2028736	41.6392	2800
	41 3-Nitroaniline	138	7.384	7.384	(0.994)	201498	26.7633	1800
*	82 Acenaphthene-d10	164	7.425	7.425	(1.000)	1134175	40.0000	
	42 Acenaphthene	154	7.461	7.461	(1.005)	1307539	41.9842	2800
	11 2,4-Dinitrophenol	184	7.490	7.490	(1.009)	284069	92.7960	6200
	12 4-Nitrophenol	65	7.560	7.561	(1.018)	410686	86.0561	5700
	44 2,4-Dinitrotoluene	165	7.613	7.619	(1.025)	357247	40.2853	2700
	43 Dibenzofuran	168	7.625	7.631	(1.027)	1702730	41.3498	2800

Data File: /chem/BNAMS10.i/8270/03-17-13/20mar13a.b/p35582.d
Report Date: 21-Mar-2013 08:47

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	130	2,3,4,6-Tetrachlorophenol	232	7.754	7.755	(1.044)	278212	40.2840	2700
	45	Diethylphthalate	149	7.854	7.854	(1.058)	1134112	40.3362	2700
	47	Fluorene	166	7.966	7.966	(1.073)	1327228	40.9520	2700
	46	4-Chlorophenyl-phenylether	204	7.960	7.960	(1.072)	646836	41.4333	2800
	48	4-Nitroaniline	138	7.989	7.995	(1.076)	257234	39.0389	2600
	13	4,6-Dinitro-2-methylphenol	198	8.025	8.025	(0.903)	373069	89.1536	5900
	49	N-Nitrosodiphenylamine	169	8.083	8.084	(0.909)	924072	43.8992	2900
	75	1,2-Diphenylhydrazine	77	8.119	8.119	(0.913)	1293682	37.0836	2500
$	18	2,4,6-Tribromophenol (SUR)	330	8.207	8.207	(1.105)	361351	76.6353	5100
	50	4-Bromophenyl-phenylether	248	8.442	8.442	(0.950)	348792	40.8398	2700
	51	Hexachlorobenzene	284	8.518	8.518	(0.958)	361221	40.6784	2700
	112	Atrazine	200	8.600	8.606	(0.968)	146901	23.1268	1500
	14	Pentachlorophenol	266	8.706	8.712	(0.980)	370595	83.4844	5600
	115	n-Octadecane	57	8.777	8.777	(0.987)	915625	43.0261	2900
*	83	Phenanthrene-d10	188	8.888	8.888	(1.000)	1300813	40.0000	
	52	Phenanthrene	178	8.912	8.912	(1.003)	1505592	42.4635	2800
	53	Anthracene	178	8.959	8.965	(1.008)	1491566	41.2512	2800
	54	Carbazole	167	9.117	9.118	(1.026)	1261460	43.5735	2900
	55	Di-n-butylphthalate	149	9.452	9.453	(1.063)	1488458	42.0365	2800
	56	Fluoranthene	202	10.081	10.081	(1.134)	1210797	42.0191	2800
	58	Benzidine	184	10.204	10.205	(1.148)	18493	4.54346	300(aR)
	57	Pyrene	202	10.304	10.305	(0.883)	1183807	35.4017	2400
$	78	Terphenyl-d14	244	10.457	10.457	(0.896)	804922	34.5665	2300
	59	Butylbenzylphthalate	149	10.986	10.986	(0.941)	523143	39.0517	2600
	60	3,3'-Dichlorobenzidine	252	11.620	11.621	(0.995)	221693	33.6382	2200
	61	Benzo(a)anthracene	228	11.656	11.656	(0.998)	900013	39.4314	2600
*	81	Chrysene-d12	240	11.673	11.674	(1.000)	735492	40.0000	
	62	Chrysene	228	11.703	11.703	(1.002)	831359	41.0920	2700
	63	bis(2-Ethylhexyl)phthalate	149	11.685	11.679	(1.001)	689267	40.8510	2700
	64	Di-n-octylphthalate	149	12.543	12.543	(0.922)	1001072	42.0121	2800
	65	Benzo(b)fluoranthene	252	13.078	13.078	(0.961)	679694	38.4918	2600
	66	Benzo(k)fluoranthene	252	13.119	13.113	(0.964)	724378	40.8706	2700
	67	Benzo(a)pyrene	252	13.524	13.524	(0.994)	580875	41.0975	2700
*	84	Perylene-d12	264	13.606	13.607	(1.000)	566790	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	15.064	15.064	(1.107)	669998	45.2936	3000
	69	Dibenz(a,h)anthracene	278	15.093	15.087	(1.109)	556129	41.7704	2800
	70	Benzo(g,h,i)perylene	276	15.428	15.422	(1.134)	572196	40.0556	2700

QC Flag Legend

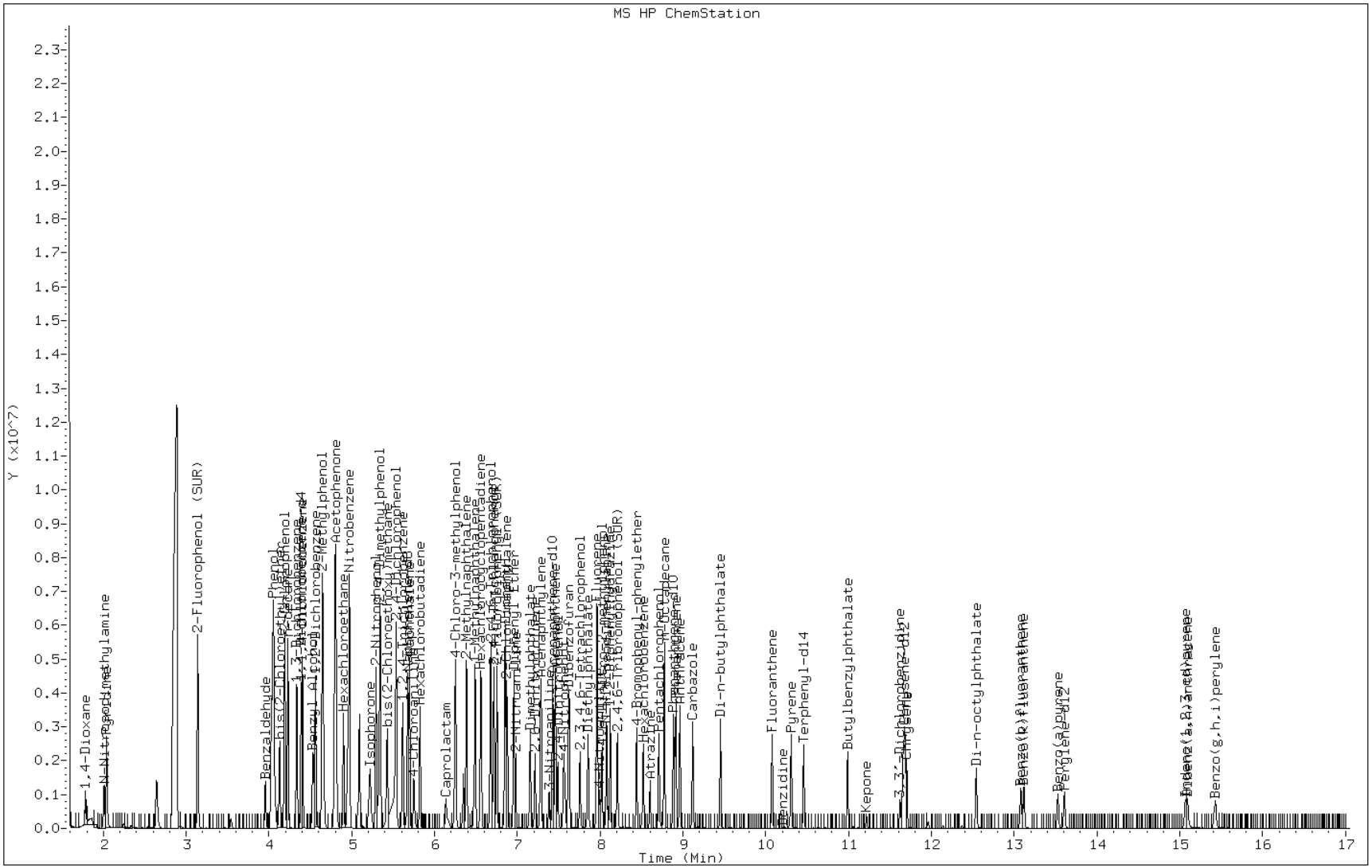
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: p35582.d

Date: 20-MAR-2013 17:24

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-151640/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151648/2-A

Matrix: Solid | Lab File ID: p35509.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 05:38

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.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2410		33	3.7
95-50-1	1,2-Dichlorobenzene	2480		330	38
541-73-1	1,3-Dichlorobenzene	2460		330	30
106-46-7	1,4-Dichlorobenzene	2480		330	37
121-14-2	2,4-Dinitrotoluene	2720		67	11
606-20-2	2,6-Dinitrotoluene	2590		67	9.9
91-58-7	2-Chloronaphthalene	2440		330	37
91-57-6	2-Methylnaphthalene	2530		330	42
88-74-4	2-Nitroaniline	2740		670	140
91-94-1	3,3'-Dichlorobenzidine	1720		670	120
99-09-2	3-Nitroaniline	1600		670	120
101-55-3	4-Bromophenyl phenyl ether	2480		330	33
106-47-8	4-Chloroaniline	1240		330	87
7005-72-3	4-Chlorophenyl phenyl ether	2640		330	39
100-01-6	4-Nitroaniline	2760		670	100
83-32-9	Acenaphthene	2570		330	48
208-96-8	Acenaphthylene	2510		330	39
120-12-7	Anthracene	2510		330	40
56-55-3	Benzo[a]anthracene	2400		33	2.3
50-32-8	Benzo[a]pyrene	2470		33	2.3
205-99-2	Benzo[b]fluoranthene	2390		33	2.1
191-24-2	Benzo[g,h,i]perylene	2340		330	24
207-08-9	Benzo[k]fluoranthene	2440		33	2.5
108-60-1	bis (2-chloroisopropyl) ether	2540		330	37
111-91-1	Bis(2-chloroethoxy)methane	2530		330	43
111-44-4	Bis(2-chloroethyl)ether	2400		33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	2620		330	110
85-68-7	Butyl benzyl phthalate	2560		330	30
86-74-8	Carbazole	2700		330	39
218-01-9	Chrysene	2530		330	38
53-70-3	Dibenz(a,h)anthracene	2540		33	4.2
132-64-9	Dibenzofuran	2520		330	39
84-66-2	Diethyl phthalate	2690		330	39
131-11-3	Dimethyl phthalate	2640		330	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151648/2-A

Matrix: Solid | Lab File ID: p35509.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 05:38

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.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2690		330	41
117-84-0	Di-n-octyl phthalate	2620		330	21
206-44-0	Fluoranthene	2790		330	44
86-73-7	Fluorene	2610		330	42
118-74-1	Hexachlorobenzene	2470		33	4.5
87-68-3	Hexachlorobutadiene	2430		67	8.0
77-47-4	Hexachlorocyclopentadiene	2180		330	39
67-72-1	Hexachloroethane	2500		33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	2190		33	6.1
78-59-1	Isophorone	2360		330	40
91-20-3	Naphthalene	2660		330	38
98-95-3	Nitrobenzene	2500		33	4.7
621-64-7	N-Nitrosodi-n-propylamine	2600		33	5.5
86-30-6	N-Nitrosodiphenylamine	2660		330	33
85-01-8	Phenanthrene	2610		330	42
129-00-0	Pyrene	2330		330	28

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	69		40-109
4165-60-0	Nitrobenzene-d5	70		38-105
1718-51-0	Terphenyl-d14	68		16-151

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35509.d
Report Date: 19-Mar-2013 08:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35509.d
Lab Smp Id: LCS 460-151648/2-A
Inj Date : 19-MAR-2013 05:38
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-151648/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-17-13/19mar13.b/8270C_11.m
Meth Date : 19-Mar-2013 03:11 wahied Quant Type: ISTD
Cal Date : 17-MAR-2013 20:02 Cal File: p35464.d
Als bottle: 8 QC Sample: BS
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)	CONCENTRATIONS FINAL (ug/Kg)
106	1,4-Dioxane	88	1.788	1.688	(0.404)	246892	24.4301	1600
19	N-Nitrosodimethylamine	74	2.017	1.935	(0.456)	636248	41.0421	2700
71	Pyridine	79	2.046	1.964	(0.462)	900603	33.6594	2200
$ 16	2-Fluorophenol (SUR)	112	3.169	3.133	(0.716)	1746980	63.2929	4200
110	Benzaldehyde	77	3.991	3.985	(0.902)	288242	31.8375	2100
$ 17	Phenol-d5 (SUR)	99	4.068	4.067	(0.919)	1998619	63.1710	4200
73	Aniline	93	4.097	4.097	(0.926)	776038	20.5754	1400
1	Phenol	94	4.085	4.085	(0.923)	2197339	62.7803	4200
20	bis(2-Chloroethyl)ether	93	4.162	4.161	(0.940)	1046813	36.0858	2400
2	2-Chlorophenol	128	4.226	4.226	(0.955)	1825458	66.7592	4400
113	n-decane	43	4.261	4.267	(0.963)	1079490	34.4934	2300
21	1,3-Dichlorobenzene	146	4.373	4.379	(0.988)	1188520	37.0222	2500
* 79	1,4-Dichlorobenzene-d4	152	4.426	4.432	(1.000)	814105	40.0000	

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35509.d
Report Date: 19-Mar-2013 08:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	4.444	4.449	(1.004)	1171419	37.2576	2500
	74 Benzyl Alcohol	108	4.567	4.567	(1.032)	631454	36.9146	2500
	23 1,2-Dichlorobenzene	146	4.596	4.602	(1.038)	1105709	37.2692	2500
	3 2-Methylphenol	108	4.679	4.684	(1.057)	1603109	67.4410	4500
	24 bis (2-chloroisopropyl) ether	45	4.696	4.702	(1.061)	1381329	38.1808	2500
	104 Acetophenone	105	4.831	4.837	(1.092)	1098086	34.8319	2300
	25 N-Nitroso-di-n-propylamine	70	4.837	4.837	(1.093)	661472	39.1594	2600(M)
	4 4-Methylphenol	108	4.843	4.843	(1.094)	1632316	63.6199	4200
	123 3 & 4 Methylphenol	108	4.843	4.843	(1.094)	1632316	63.3885	4200
	26 Hexachloroethane	117	4.937	4.943	(1.115)	448879	37.5882	2500
$	76 Nitrobenzene-d5 (SUR)	82	4.984	4.990	(0.872)	917253	34.9875	2300
	27 Nitrobenzene	77	5.008	5.013	(0.877)	1290514	37.6561	2500
	107 N,N-Dimethylaniline	120	5.008	5.013	(1.131)	1323932	36.7928	2400
	28 Isophorone	82	5.254	5.248	(0.920)	1452941	35.5572	2400
	5 2-Nitrophenol	139	5.331	5.331	(0.933)	1025740	74.4197	5000
	6 2,4-Dimethylphenol	122	5.378	5.378	(0.941)	1540279	70.3722	4700
	29 bis(2-Chloroethoxy)methane	93	5.460	5.466	(0.956)	1026724	38.0263	2500
	15 Benzoic Acid	122	5.548	5.489	(0.971)	786978	76.0244	5100
	7 2,4-Dichlorophenol	162	5.578	5.577	(0.976)	1310563	69.4152	4600
	30 1,2,4-Trichlorobenzene	180	5.654	5.660	(0.990)	835931	36.2581	2400
*	80 Naphthalene-d8	136	5.713	5.713	(1.000)	2467107	40.0000	
	31 Naphthalene	128	5.730	5.736	(1.003)	2461270	40.0780	2700
	32 4-Chloroaniline	127	5.783	5.789	(1.012)	463692	18.6621	1200
	33 Hexachlorobutadiene	225	5.860	5.865	(1.026)	460744	36.5315	2400
	111 Caprolactam	113	6.171	6.147	(1.080)	163680	32.7624	2200
	8 4-Chloro-3-methylphenol	107	6.289	6.283	(1.101)	1306781	74.5958	5000
	34 2-Methylnaphthalene	142	6.424	6.429	(1.124)	1614798	38.0560	2500
	120 1-Methylnaphthalene	142	6.524	6.529	(1.142)	1518569	35.4607	2400
	35 Hexachlorocyclopentadiene	237	6.594	6.594	(0.883)	354783	32.8297	2200
	129 1,2,4,5-Tetrachlorobenzene	216	6.600	6.600	(0.884)	655800	34.9180	2300(R)
	9 2,4,6-Trichlorophenol	196	6.717	6.717	(0.900)	831992	70.7277	4700
	10 2,4,5-Trichlorophenol	196	6.753	6.753	(0.905)	846605	72.5192	4800
$	77 2-Fluorobiphenyl (SUR)	172	6.794	6.794	(0.910)	1464915	34.4342	2300
	102 Diphenyl	154	6.894	6.894	(0.924)	1807114	37.5742	2500
	36 2-Chloronaphthalene	162	6.911	6.911	(0.926)	1352670	36.7205	2400
	103 Diphenyl Ether	170	6.994	6.993	(0.937)	1021174	37.2742	2500
	37 2-Nitroaniline	65	7.017	7.017	(0.940)	481014	41.1528	2700
	38 Dimethylphthalate	163	7.193	7.193	(0.964)	1329874	39.7331	2600
	40 2,6-Dinitrotoluene	165	7.252	7.252	(0.972)	329237	38.9900	2600
	39 Acenaphthylene	152	7.323	7.323	(0.981)	2032935	37.7324	2500
	41 3-Nitroaniline	138	7.423	7.422	(0.994)	199874	24.0071	1600
*	82 Acenaphthene-d10	164	7.464	7.464	(1.000)	1254199	40.0000	
	42 Acenaphthene	154	7.499	7.499	(1.005)	1328710	38.5811	2600
	11 2,4-Dinitrophenol	184	7.528	7.522	(1.009)	303357	90.5274	6000
	12 4-Nitrophenol	65	7.599	7.593	(1.018)	470343	89.1251	5900
	44 2,4-Dinitrotoluene	165	7.652	7.652	(1.025)	400736	40.8648	2700
	43 Dibenzofuran	168	7.669	7.669	(1.028)	1725435	37.8913	2500

Data File: /chem/BNAMS10.i/8270/03-17-13/19mar13.b/p35509.d
Report Date: 19-Mar-2013 08:53

								CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
130	2,3,4,6-Tetrachlorophenol	232	7.793	7.793	(1.044)	297548	38.9608	2600
45	Diethylphthalate	149	7.893	7.887	(1.057)	1259878	40.5211	2700
47	Fluorene	166	8.004	8.004	(1.072)	1404623	39.1925	2600
46	4-Chlorophenyl-phenylether	204	7.998	7.998	(1.072)	684598	39.6557	2600
48	4-Nitroaniline	138	8.028	8.028	(1.076)	302219	41.4767	2800
13	4,6-Dinitro-2-methylphenol	198	8.063	8.057	(0.903)	414517	84.5674	5600
49	N-Nitrosodiphenylamine	169	8.122	8.116	(0.910)	998001	40.0226	2700
75	1,2-Diphenylhydrazine	77	8.157	8.157	(0.914)	1358485	32.8725	2200
$ 18	2,4,6-Tribromophenol (SUR)	330	8.245	8.245	(1.105)	382790	73.4131	4900
50	4-Bromophenyl-phenylether	248	8.480	8.480	(0.950)	377011	37.2645	2500
51	Hexachlorobenzene	284	8.557	8.556	(0.959)	391533	37.2206	2500
112	Atrazine	200	8.639	8.645	(0.968)	159645	21.2163	1400
14	Pentachlorophenol	266	8.750	8.750	(0.980)	393929	76.2064	5100
115	n-Octadecane	57	8.815	8.815	(0.987)	960646	38.1068	2500
* 83	Phenanthrene-d10	188	8.927	8.927	(1.000)	1540958	40.0000	
52	Phenanthrene	178	8.950	8.950	(1.003)	1646429	39.1991	2600
53	Anthracene	178	9.003	9.003	(1.009)	1616749	37.7451	2500
54	Carbazole	167	9.156	9.156	(1.026)	1390834	40.5554	2700
55	Di-n-butylphthalate	149	9.491	9.491	(1.063)	1699999	40.5287	2700
56	Fluoranthene	202	10.119	10.119	(1.134)	1430323	41.9019	2800
58	Benzidine	184	10.249	10.249	(1.148)	21533	4.46589	300(aR)
57	Pyrene	202	10.349	10.348	(0.883)	1398995	35.0563	2300
$ 78	Terphenyl-d14	244	10.501	10.501	(0.896)	948349	34.1253	2300
59	Butylbenzylphthalate	149	11.030	11.030	(0.941)	614713	38.4502	2600
60	3,3'-Dichlorobenzidine	252	11.671	11.676	(0.995)	203947	25.9301	1700
61	Benzo(a)anthracene	228	11.706	11.706	(0.998)	985023	36.1615	2400
* 81	Chrysene-d12	240	11.723	11.723	(1.000)	877752	40.0000	
62	Chrysene	228	11.753	11.753	(1.002)	918337	38.0345	2500
63	bis(2-Ethylhexyl)phthalate	149	11.729	11.735	(1.000)	794093	39.4360	2600
64	Di-n-octylphthalate	149	12.599	12.599	(0.922)	1106761	39.4767	2600
65	Benzo(b)fluoranthene	252	13.139	13.139	(0.961)	746297	35.9207	2400
66	Benzo(k)fluoranthene	252	13.175	13.175	(0.964)	766011	36.7333	2400
67	Benzo(a)pyrene	252	13.586	13.592	(0.994)	618915	37.2171	2500
* 84	Perylene-d12	264	13.668	13.668	(1.000)	666874	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	15.131	15.131	(1.107)	572114	32.8719	2200(M)
69	Dibenz(a,h)anthracene	278	15.155	15.155	(1.109)	595771	38.1737	2500
70	Benzo(g,h,i)perylene	276	15.496	15.501	(1.134)	591271	35.1790	2300

QC Flag Legend

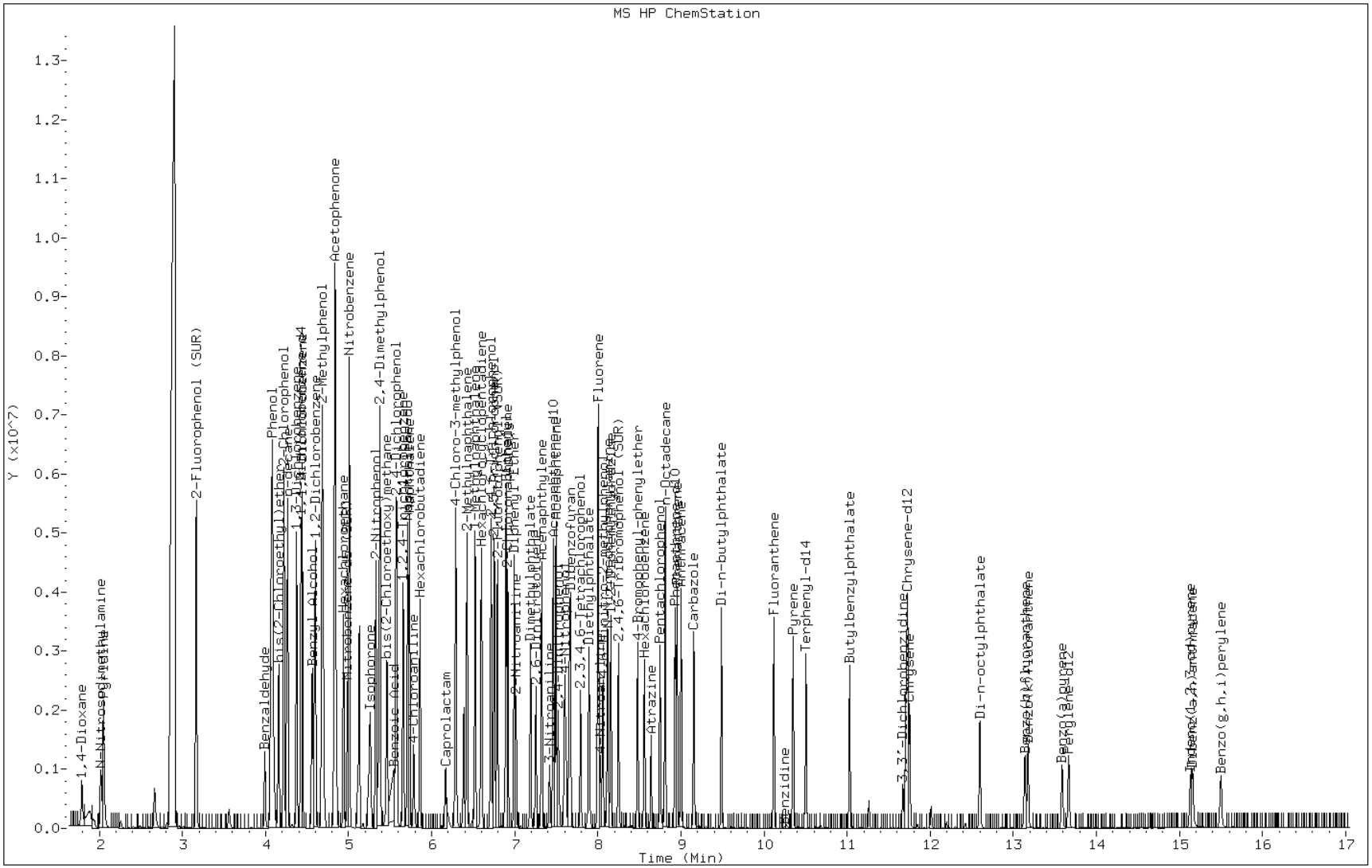
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: p35509.d

Date: 19-MAR-2013 05:38

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-151648/2-A Operator: BNAMS 4



Manual Integration Report

Data File: p35509.d
Inj. Date and Time: 19-MAR-2013 05:38
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 03/19/2013

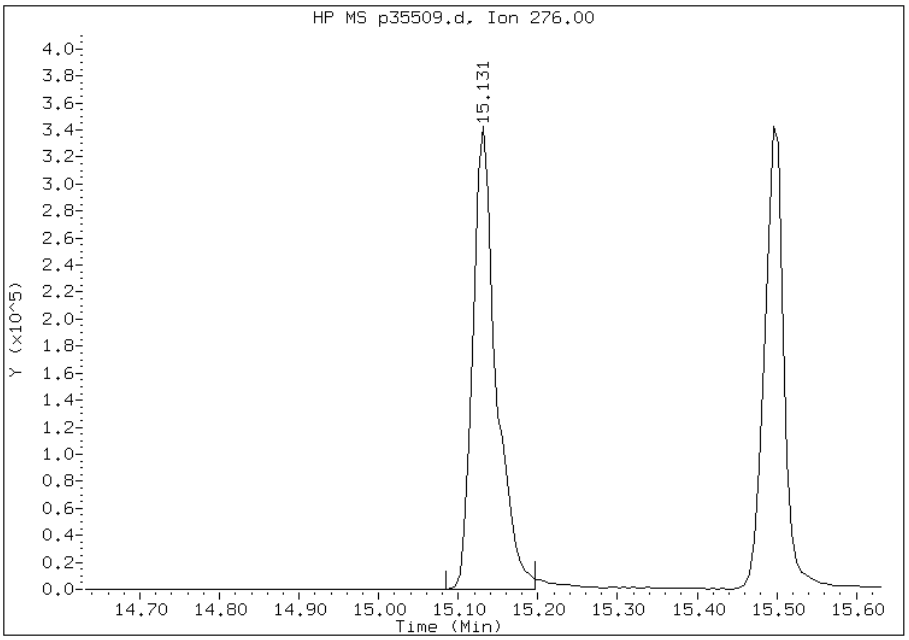
Processing Integration Results

RT: 15.13

Response: 691303

Amount: 40

Conc: 2648



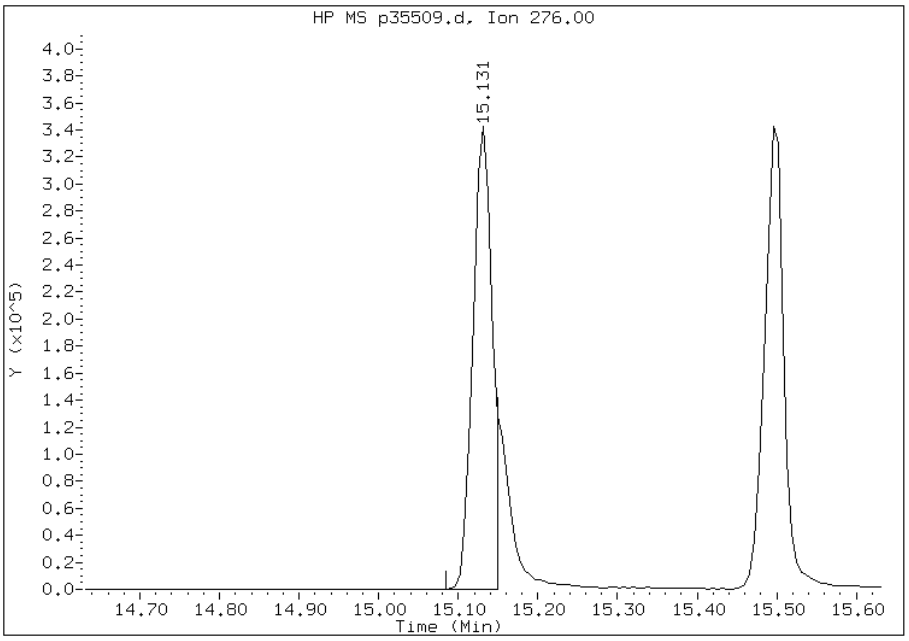
Manual Integration Results

RT: 15.13

Response: 572114

Amount: 33

Conc: 2191



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: p35509.d
Inj. Date and Time: 19-MAR-2013 05:38
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 03/19/2013

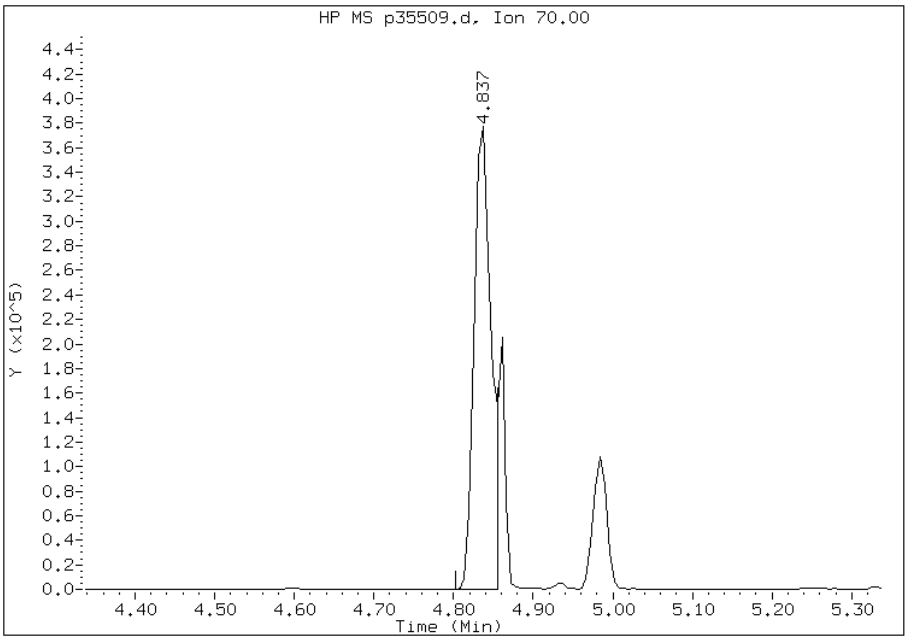
Processing Integration Results

RT: 4.84

Response: 561974

Amount: 33

Conc: 2218



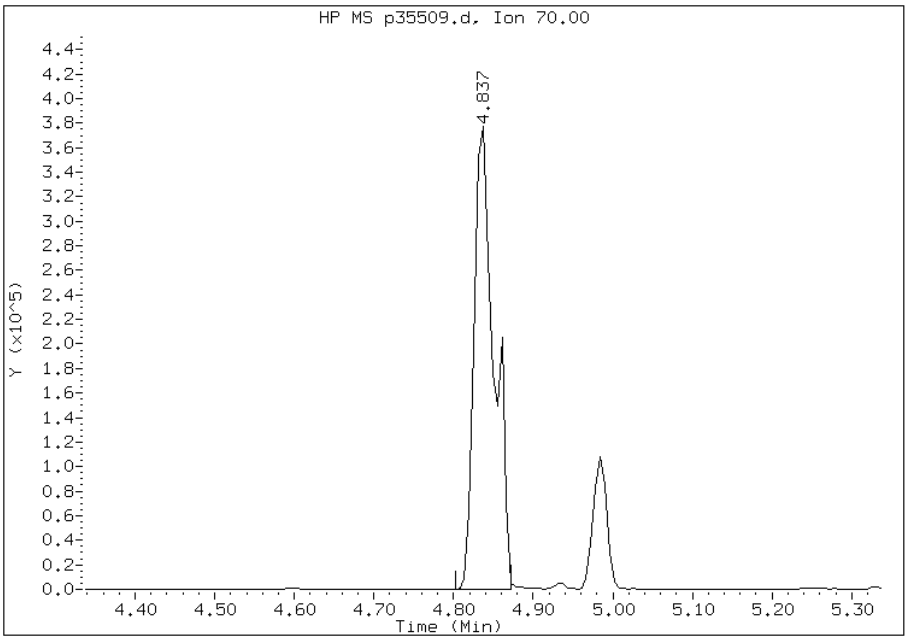
Manual Integration Results

RT: 4.84

Response: 661472

Amount: 39

Conc: 2611



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD MS | Lab Sample ID: 460-52450-1 MS

Matrix: Solid | Lab File ID: p35614.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 08:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2470		34	3.9
95-50-1	1,2-Dichlorobenzene	2420		340	40
541-73-1	1,3-Dichlorobenzene	2400		340	31
106-46-7	1,4-Dichlorobenzene	2430		340	39
121-14-2	2,4-Dinitrotoluene	2620		70	11
606-20-2	2,6-Dinitrotoluene	2620		70	10
91-58-7	2-Chloronaphthalene	2710		340	39
91-57-6	2-Methylnaphthalene	2440		340	44
88-74-4	2-Nitroaniline	2340		700	140
91-94-1	3,3'-Dichlorobenzidine	2110		700	120
99-09-2	3-Nitroaniline	1740		700	120
101-55-3	4-Bromophenyl phenyl ether	2790		340	34
106-47-8	4-Chloroaniline	808		340	92
7005-72-3	4-Chlorophenyl phenyl ether	2560		340	41
100-01-6	4-Nitroaniline	2270		700	110
83-32-9	Acenaphthene	2680		340	50
208-96-8	Acenaphthylene	2690		340	41
120-12-7	Anthracene	2700		340	42
56-55-3	Benzo[a]anthracene	2490		34	2.4
50-32-8	Benzo[a]pyrene	2550		34	2.4
205-99-2	Benzo[b]fluoranthene	2290		34	2.2
191-24-2	Benzo[g,h,i]perylene	2710		340	26
207-08-9	Benzo[k]fluoranthene	2560		34	2.6
108-60-1	bis (2-chloroisopropyl) ether	2540		340	38
111-91-1	Bis(2-chloroethoxy)methane	2580		340	45
111-44-4	Bis(2-chloroethyl)ether	2370		34	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	2500		340	110
85-68-7	Butyl benzyl phthalate	2460		340	32
86-74-8	Carbazole	2790		340	41
218-01-9	Chrysene	2640		340	40
53-70-3	Dibenz(a,h)anthracene	2790		34	4.4
132-64-9	Dibenzofuran	2610		340	41
84-66-2	Diethyl phthalate	2620		340	41
131-11-3	Dimethyl phthalate	2760		340	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD MS | Lab Sample ID: 460-52450-1 MS

Matrix: Solid | Lab File ID: p35614.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 08:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2720		340	43
117-84-0	Di-n-octyl phthalate	2250		340	22
206-44-0	Fluoranthene	2640		340	46
86-73-7	Fluorene	2590		340	44
118-74-1	Hexachlorobenzene	2720		34	4.7
87-68-3	Hexachlorobutadiene	2470		70	8.4
77-47-4	Hexachlorocyclopentadiene	2270		340	41
67-72-1	Hexachloroethane	2440		34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	3000		34	6.4
78-59-1	Isophorone	2330		340	42
91-20-3	Naphthalene	2740		340	40
98-95-3	Nitrobenzene	2570		34	4.9
621-64-7	N-Nitrosodi-n-propylamine	2090		34	5.8
86-30-6	N-Nitrosodiphenylamine	3160		340	34
85-01-8	Phenanthrene	2830		340	44
129-00-0	Pyrene	2190		340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	67		40-109
4165-60-0	Nitrobenzene-d5	60		38-105
1718-51-0	Terphenyl-d14	53		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI MS | Lab Sample ID: 460-52450-25 MS

Matrix: Solid | Lab File ID: p35598.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 01:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3170		37	4.2
95-50-1	1,2-Dichlorobenzene	3110		370	43
541-73-1	1,3-Dichlorobenzene	3200		370	34
106-46-7	1,4-Dichlorobenzene	3190		370	42
121-14-2	2,4-Dinitrotoluene	3120		75	12
606-20-2	2,6-Dinitrotoluene	3090		75	11
91-58-7	2-Chloronaphthalene	3170		370	42
91-57-6	2-Methylnaphthalene	3130		370	48
88-74-4	2-Nitroaniline	2840		750	160
91-94-1	3,3'-Dichlorobenzidine	2810		750	130
99-09-2	3-Nitroaniline	2140		750	130
101-55-3	4-Bromophenyl phenyl ether	3240		370	37
106-47-8	4-Chloroaniline	1710		370	99
7005-72-3	4-Chlorophenyl phenyl ether	3110		370	44
100-01-6	4-Nitroaniline	2940		750	120
83-32-9	Acenaphthene	3210		370	54
208-96-8	Acenaphthylene	3160		370	44
120-12-7	Anthracene	3150		370	45
56-55-3	Benzo[a]anthracene	2990		37	2.6
50-32-8	Benzo[a]pyrene	3020		37	2.6
205-99-2	Benzo[b]fluoranthene	2840		37	2.4
191-24-2	Benzo[g,h,i]perylene	3450		370	28
207-08-9	Benzo[k]fluoranthene	3070		37	2.8
108-60-1	bis (2-chloroisopropyl) ether	3150		370	41
111-91-1	Bis(2-chloroethoxy)methane	3250		370	48
111-44-4	Bis(2-chloroethyl)ether	3040		37	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	3140		370	120
85-68-7	Butyl benzyl phthalate	3000		370	34
86-74-8	Carbazole	3360		370	44
218-01-9	Chrysene	3120		370	43
53-70-3	Dibenz(a,h)anthracene	3400		37	4.7
132-64-9	Dibenzofuran	3110		370	44
84-66-2	Diethyl phthalate	3220		370	44
131-11-3	Dimethyl phthalate	3270		370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI MS | Lab Sample ID: 460-52450-25 MS

Matrix: Solid | Lab File ID: p35598.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 01:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	3400		370	46
117-84-0	Di-n-octyl phthalate	2930		370	24
206-44-0	Fluoranthene	3310		370	50
86-73-7	Fluorene	3100		370	48
118-74-1	Hexachlorobenzene	3220		37	5.1
87-68-3	Hexachlorobutadiene	3150		75	9.1
77-47-4	Hexachlorocyclopentadiene	2730		370	44
67-72-1	Hexachloroethane	3140		37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	3680		37	6.9
78-59-1	Isophorone	3050		370	45
91-20-3	Naphthalene	3480		370	43
98-95-3	Nitrobenzene	3240		37	5.3
621-64-7	N-Nitrosodi-n-propylamine	2820		37	6.2
86-30-6	N-Nitrosodiphenylamine	3480		370	37
85-01-8	Phenanthrene	3220		370	47
129-00-0	Pyrene	2670		370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	82		40-109
4165-60-0	Nitrobenzene-d5	80		38-105
1718-51-0	Terphenyl-d14	70		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD MS | Lab Sample ID: 460-52450-41 MS

Matrix: Solid | Lab File ID: p35517.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 09:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2500		34	3.9
95-50-1	1,2-Dichlorobenzene	2590		340	40
541-73-1	1,3-Dichlorobenzene	2530		340	31
106-46-7	1,4-Dichlorobenzene	2560		340	39
121-14-2	2,4-Dinitrotoluene	2950		70	11
606-20-2	2,6-Dinitrotoluene	2810		70	10
91-58-7	2-Chloronaphthalene	2620		340	39
91-57-6	2-Methylnaphthalene	2680		340	44
88-74-4	2-Nitroaniline	3000		700	140
91-94-1	3,3'-Dichlorobenzidine	2070		700	120
99-09-2	3-Nitroaniline	1740		700	120
101-55-3	4-Bromophenyl phenyl ether	2640		340	34
106-47-8	4-Chloroaniline	1410		340	91
7005-72-3	4-Chlorophenyl phenyl ether	2710		340	40
100-01-6	4-Nitroaniline	2920		700	110
83-32-9	Acenaphthene	2760		340	50
208-96-8	Acenaphthylene	2690		340	41
120-12-7	Anthracene	2680		340	42
56-55-3	Benzo[a]anthracene	2600		34	2.4
50-32-8	Benzo[a]pyrene	2620		34	2.4
205-99-2	Benzo[b]fluoranthene	2450		34	2.2
191-24-2	Benzo[g,h,i]perylene	2390		340	26
207-08-9	Benzo[k]fluoranthene	2620		34	2.6
108-60-1	bis (2-chloroisopropyl) ether	2670		340	38
111-91-1	Bis(2-chloroethoxy)methane	2660		340	45
111-44-4	Bis(2-chloroethyl)ether	2520		34	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	2840		340	110
85-68-7	Butyl benzyl phthalate	2820		340	32
86-74-8	Carbazole	2900		340	41
218-01-9	Chrysene	2660		340	40
53-70-3	Dibenz(a,h)anthracene	2590		34	4.4
132-64-9	Dibenzofuran	2690		340	40
84-66-2	Diethyl phthalate	2870		340	41
131-11-3	Dimethyl phthalate	2910		340	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD MS | Lab Sample ID: 460-52450-41 MS

Matrix: Solid | Lab File ID: p35517.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 09:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2930		340	43
117-84-0	Di-n-octyl phthalate	2640		340	22
206-44-0	Fluoranthene	2990		340	46
86-73-7	Fluorene	2720		340	44
118-74-1	Hexachlorobenzene	2690		34	4.7
87-68-3	Hexachlorobutadiene	2490		70	8.4
77-47-4	Hexachlorocyclopentadiene	2260		340	41
67-72-1	Hexachloroethane	2540		34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	2140		34	6.4
78-59-1	Isophorone	2430		340	42
91-20-3	Naphthalene	2760		340	40
98-95-3	Nitrobenzene	2570		34	4.9
621-64-7	N-Nitrosodi-n-propylamine	2880		34	5.8
86-30-6	N-Nitrosodiphenylamine	2880		340	34
85-01-8	Phenanthrene	2760		340	44
129-00-0	Pyrene	2600		340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	70		40-109
4165-60-0	Nitrobenzene-d5	67		38-105
1718-51-0	Terphenyl-d14	71		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52468-C-3-A MS

Matrix: Water | Lab File ID: z20084.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/24/2013 00:04

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.: 152529 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	94.1		1.0	0.26
95-50-1	1,2-Dichlorobenzene	94.7		10	2.5
541-73-1	1,3-Dichlorobenzene	93.9		10	2.4
106-46-7	1,4-Dichlorobenzene	93.7		10	2.5
121-14-2	2,4-Dinitrotoluene	100		2.0	0.47
606-20-2	2,6-Dinitrotoluene	105		2.0	0.61
91-58-7	2-Chloronaphthalene	97.6		10	2.7
91-57-6	2-Methylnaphthalene	97.4		10	3.0
88-74-4	2-Nitroaniline	102		20	4.9
91-94-1	3,3'-Dichlorobenzidine	108		20	4.9
99-09-2	3-Nitroaniline	99.4		20	5.0
101-55-3	4-Bromophenyl phenyl ether	98.1		10	2.5
106-47-8	4-Chloroaniline	84.4		10	2.0
7005-72-3	4-Chlorophenyl phenyl ether	101		10	2.5
100-01-6	4-Nitroaniline	108		20	5.8
83-32-9	Acenaphthene	96.7		10	2.7
208-96-8	Acenaphthylene	97.7		10	2.7
120-12-7	Anthracene	98.4		10	2.8
56-55-3	Benzo[a]anthracene	92.5		1.0	0.27
50-32-8	Benzo[a]pyrene	103		1.0	0.14
205-99-2	Benzo[b]fluoranthene	93.9		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	102		10	2.0
207-08-9	Benzo[k]fluoranthene	94.5		1.0	0.26
108-60-1	bis (2-chloroisopropyl) ether	95.2		10	2.0
111-91-1	Bis(2-chloroethoxy)methane	98.9		10	2.6
111-44-4	Bis(2-chloroethyl)ether	91.0		1.0	0.28
117-81-7	Bis(2-ethylhexyl) phthalate	95.8		10	2.0
85-68-7	Butyl benzyl phthalate	99.8		10	2.5
86-74-8	Carbazole	101		10	3.2
218-01-9	Chrysene	96.6		10	3.1
53-70-3	Dibenz(a,h)anthracene	102		1.0	0.090
132-64-9	Dibenzofuran	99.1		10	2.8
84-66-2	Diethyl phthalate	104		10	2.9
131-11-3	Dimethyl phthalate	102		10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52468-C-3-A MS

Matrix: Water | Lab File ID: z20084.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/24/2013 00:04

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.: 152529 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	99.8		10	2.9
117-84-0	Di-n-octyl phthalate	100		10	1.5
206-44-0	Fluoranthene	98.4		10	3.2
86-73-7	Fluorene	101		10	2.8
118-74-1	Hexachlorobenzene	98.0		1.0	0.29
87-68-3	Hexachlorobutadiene	89.0		2.0	0.57
77-47-4	Hexachlorocyclopentadiene	71.1		10	1.7
67-72-1	Hexachloroethane	94.3		1.0	0.25
193-39-5	Indeno[1,2,3-cd]pyrene	105		1.0	0.15
78-59-1	Isophorone	95.2		10	2.7
91-20-3	Naphthalene	96.3		10	2.7
98-95-3	Nitrobenzene	90.8		1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	102		1.0	0.25
86-30-6	N-Nitrosodiphenylamine	114		10	2.9
85-01-8	Phenanthrene	99.1		10	3.1
129-00-0	Pyrene	95.3		10	2.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	96		53-108
4165-60-0	Nitrobenzene-d5	95		56-112
1718-51-0	Terphenyl-d14	94		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52492-A-1-A MS

Matrix: Solid | Lab File ID: p35507.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 14.98(g) | Date Analyzed: 03/19/2013 04:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2600		37	4.2
95-50-1	1,2-Dichlorobenzene	2610		370	43
541-73-1	1,3-Dichlorobenzene	2580		370	34
106-46-7	1,4-Dichlorobenzene	2620		370	42
121-14-2	2,4-Dinitrotoluene	2880		75	12
606-20-2	2,6-Dinitrotoluene	2910		75	11
91-58-7	2-Chloronaphthalene	2720		370	41
91-57-6	2-Methylnaphthalene	2850		370	48
88-74-4	2-Nitroaniline	2610		750	160
91-94-1	3,3'-Dichlorobenzidine	2070		750	130
99-09-2	3-Nitroaniline	1910		750	130
101-55-3	4-Bromophenyl phenyl ether	2920		370	37
106-47-8	4-Chloroaniline	1640		370	98
7005-72-3	4-Chlorophenyl phenyl ether	2820		370	44
100-01-6	4-Nitroaniline	2790		750	120
83-32-9	Acenaphthene	2820		370	54
208-96-8	Acenaphthylene	2750		370	44
120-12-7	Anthracene	2790		370	45
56-55-3	Benzo[a]anthracene	2750		37	2.6
50-32-8	Benzo[a]pyrene	2760		37	2.6
205-99-2	Benzo[b]fluoranthene	2640		37	2.3
191-24-2	Benzo[g,h,i]perylene	2640		370	28
207-08-9	Benzo[k]fluoranthene	2770		37	2.8
108-60-1	bis (2-chloroisopropyl) ether	2760		370	41
111-91-1	Bis(2-chloroethoxy)methane	2910		370	48
111-44-4	Bis(2-chloroethyl)ether	2630		37	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	2960		370	120
85-68-7	Butyl benzyl phthalate	2870		370	34
86-74-8	Carbazole	2870		370	44
218-01-9	Chrysene	2800		370	43
53-70-3	Dibenz(a,h)anthracene	2870		37	4.7
132-64-9	Dibenzofuran	2740		370	44
84-66-2	Diethyl phthalate	2910		370	44
131-11-3	Dimethyl phthalate	2910		370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52492-A-1-A MS

Matrix: Solid | Lab File ID: p35507.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 14.98(g) | Date Analyzed: 03/19/2013 04:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2870		370	46
117-84-0	Di-n-octyl phthalate	2980		370	24
206-44-0	Fluoranthene	2880		370	50
86-73-7	Fluorene	2770		370	48
118-74-1	Hexachlorobenzene	2880		37	5.1
87-68-3	Hexachlorobutadiene	2560		75	9.1
77-47-4	Hexachlorocyclopentadiene	2370		370	44
67-72-1	Hexachloroethane	2610		37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2590		37	6.9
78-59-1	Isophorone	2710		370	45
91-20-3	Naphthalene	2840		370	43
98-95-3	Nitrobenzene	2750		37	5.3
621-64-7	N-Nitrosodi-n-propylamine	3090		37	6.2
86-30-6	N-Nitrosodiphenylamine	3090		370	37
85-01-8	Phenanthrene	2850		370	47
129-00-0	Pyrene	2620		370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	68		40-109
4165-60-0	Nitrobenzene-d5	69		38-105
1718-51-0	Terphenyl-d14	66		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD MSD | Lab Sample ID: 460-52450-1 MSD

Matrix: Solid | Lab File ID: p35615.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 08:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2660		34	3.9
95-50-1	1,2-Dichlorobenzene	2600		340	40
541-73-1	1,3-Dichlorobenzene	2520		340	31
106-46-7	1,4-Dichlorobenzene	2520		340	39
121-14-2	2,4-Dinitrotoluene	2650		70	11
606-20-2	2,6-Dinitrotoluene	2790		70	10
91-58-7	2-Chloronaphthalene	2960		340	39
91-57-6	2-Methylnaphthalene	2610		340	44
88-74-4	2-Nitroaniline	2560		700	140
91-94-1	3,3'-Dichlorobenzidine	1900		700	120
99-09-2	3-Nitroaniline	1690		700	120
101-55-3	4-Bromophenyl phenyl ether	2840		340	34
106-47-8	4-Chloroaniline	764		340	91
7005-72-3	4-Chlorophenyl phenyl ether	2600		340	41
100-01-6	4-Nitroaniline	2240		700	110
83-32-9	Acenaphthene	2780		340	50
208-96-8	Acenaphthylene	2840		340	41
120-12-7	Anthracene	2730		340	42
56-55-3	Benzo[a]anthracene	2590		34	2.4
50-32-8	Benzo[a]pyrene	2620		34	2.4
205-99-2	Benzo[b]fluoranthene	2360		34	2.2
191-24-2	Benzo[g,h,i]perylene	2920		340	26
207-08-9	Benzo[k]fluoranthene	2580		34	2.6
108-60-1	bis (2-chloroisopropyl) ether	2800		340	38
111-91-1	Bis(2-chloroethoxy)methane	2820		340	45
111-44-4	Bis(2-chloroethyl)ether	2620		34	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	2710		340	110
85-68-7	Butyl benzyl phthalate	2610		340	32
86-74-8	Carbazole	2790		340	41
218-01-9	Chrysene	2750		340	40
53-70-3	Dibenz(a,h)anthracene	3020		34	4.4
132-64-9	Dibenzofuran	2720		340	41
84-66-2	Diethyl phthalate	2650		340	41
131-11-3	Dimethyl phthalate	2840		340	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD MSD | Lab Sample ID: 460-52450-1 MSD

Matrix: Solid | Lab File ID: p35615.d

Analysis Method: 8270C | Date Collected: 03/14/2013 09:20

Extract. Method: 3541 | Date Extracted: 03/18/2013 09:52

Sample wt/vol: 15.03(g) | Date Analyzed: 03/21/2013 08:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2730		340	43
117-84-0	Di-n-octyl phthalate	2280		340	22
206-44-0	Fluoranthene	2640		340	46
86-73-7	Fluorene	2650		340	44
118-74-1	Hexachlorobenzene	2810		34	4.7
87-68-3	Hexachlorobutadiene	2610		70	8.4
77-47-4	Hexachlorocyclopentadiene	2600		340	41
67-72-1	Hexachloroethane	2550		34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	3180		34	6.4
78-59-1	Isophorone	2560		340	42
91-20-3	Naphthalene	2890		340	40
98-95-3	Nitrobenzene	2830		34	4.9
621-64-7	N-Nitrosodi-n-propylamine	2000		34	5.8
86-30-6	N-Nitrosodiphenylamine	3180		340	34
85-01-8	Phenanthrene	2790		340	44
129-00-0	Pyrene	2330		340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		40-109
4165-60-0	Nitrobenzene-d5	65		38-105
1718-51-0	Terphenyl-d14	56		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI MSD | Lab Sample ID: 460-52450-25 MSD

Matrix: Solid | Lab File ID: p35599.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 01:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3100		37	4.2
95-50-1	1,2-Dichlorobenzene	3270		370	43
541-73-1	1,3-Dichlorobenzene	3230		370	34
106-46-7	1,4-Dichlorobenzene	3260		370	42
121-14-2	2,4-Dinitrotoluene	3530		75	12
606-20-2	2,6-Dinitrotoluene	3610		75	11
91-58-7	2-Chloronaphthalene	3400		370	42
91-57-6	2-Methylnaphthalene	3250		370	48
88-74-4	2-Nitroaniline	3350		750	160
91-94-1	3,3'-Dichlorobenzidine	3030		750	130
99-09-2	3-Nitroaniline	2170		750	130
101-55-3	4-Bromophenyl phenyl ether	3640		370	37
106-47-8	4-Chloroaniline	1990		370	99
7005-72-3	4-Chlorophenyl phenyl ether	3500		370	44
100-01-6	4-Nitroaniline	3430		750	120
83-32-9	Acenaphthene	3530		370	54
208-96-8	Acenaphthylene	3500		370	44
120-12-7	Anthracene	3480		370	45
56-55-3	Benzo[a]anthracene	3330		37	2.6
50-32-8	Benzo[a]pyrene	3520		37	2.6
205-99-2	Benzo[b]fluoranthene	3230		37	2.4
191-24-2	Benzo[g,h,i]perylene	4030		370	28
207-08-9	Benzo[k]fluoranthene	3560		37	2.8
108-60-1	bis (2-chloroisopropyl) ether	3420		370	41
111-91-1	Bis(2-chloroethoxy)methane	3460		370	48
111-44-4	Bis(2-chloroethyl)ether	3200		37	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	3630		370	120
85-68-7	Butyl benzyl phthalate	3520		370	34
86-74-8	Carbazole	3670		370	44
218-01-9	Chrysene	3510		370	43
53-70-3	Dibenz(a,h)anthracene	3880		37	4.7
132-64-9	Dibenzofuran	3460		370	44
84-66-2	Diethyl phthalate	3610		370	44
131-11-3	Dimethyl phthalate	3680		370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI MSD | Lab Sample ID: 460-52450-25 MSD

Matrix: Solid | Lab File ID: p35599.d

Analysis Method: 8270C | Date Collected: 03/14/2013 14:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:52

Sample wt/vol: 15.02(g) | Date Analyzed: 03/21/2013 01:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152148 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	3710		370	46
117-84-0	Di-n-octyl phthalate	3500		370	24
206-44-0	Fluoranthene	3620		370	50
86-73-7	Fluorene	3480		370	48
118-74-1	Hexachlorobenzene	3610		37	5.1
87-68-3	Hexachlorobutadiene	3050		75	9.1
77-47-4	Hexachlorocyclopentadiene	2680		370	44
67-72-1	Hexachloroethane	3260		37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	3790		37	6.9
78-59-1	Isophorone	3260		370	45
91-20-3	Naphthalene	3630		370	43
98-95-3	Nitrobenzene	3260		37	5.3
621-64-7	N-Nitrosodi-n-propylamine	2640		37	6.2
86-30-6	N-Nitrosodiphenylamine	3910		370	37
85-01-8	Phenanthrene	3550		370	47
129-00-0	Pyrene	3070		370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	87		40-109
4165-60-0	Nitrobenzene-d5	82		38-105
1718-51-0	Terphenyl-d14	80		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD MSD | Lab Sample ID: 460-52450-41 MSD

Matrix: Solid | Lab File ID: p35518.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 09:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2650		34	3.9
95-50-1	1,2-Dichlorobenzene	2670		340	40
541-73-1	1,3-Dichlorobenzene	2610		340	31
106-46-7	1,4-Dichlorobenzene	2620		340	39
121-14-2	2,4-Dinitrotoluene	2760		70	11
606-20-2	2,6-Dinitrotoluene	2870		70	10
91-58-7	2-Chloronaphthalene	2710		340	38
91-57-6	2-Methylnaphthalene	2790		340	44
88-74-4	2-Nitroaniline	2710		700	140
91-94-1	3,3'-Dichlorobenzidine	2000		700	120
99-09-2	3-Nitroaniline	1570		700	120
101-55-3	4-Bromophenyl phenyl ether	3050		340	34
106-47-8	4-Chloroaniline	1340		340	91
7005-72-3	4-Chlorophenyl phenyl ether	2780		340	40
100-01-6	4-Nitroaniline	2450		700	110
83-32-9	Acenaphthene	2800		340	50
208-96-8	Acenaphthylene	2700		340	41
120-12-7	Anthracene	2680		340	42
56-55-3	Benzo[a]anthracene	2650		34	2.4
50-32-8	Benzo[a]pyrene	2740		34	2.4
205-99-2	Benzo[b]fluoranthene	2460		34	2.2
191-24-2	Benzo[g,h,i]perylene	2780		340	26
207-08-9	Benzo[k]fluoranthene	2670		34	2.6
108-60-1	bis (2-chloroisopropyl) ether	2870		340	38
111-91-1	Bis(2-chloroethoxy)methane	2940		340	45
111-44-4	Bis(2-chloroethyl)ether	2710		34	4.7
117-81-7	Bis(2-ethylhexyl) phthalate	2950		340	110
85-68-7	Butyl benzyl phthalate	2810		340	32
86-74-8	Carbazole	2660		340	41
218-01-9	Chrysene	2780		340	40
53-70-3	Dibenz(a,h)anthracene	2940		34	4.3
132-64-9	Dibenzofuran	2700		340	40
84-66-2	Diethyl phthalate	2810		340	41
131-11-3	Dimethyl phthalate	2900		340	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD MSD | Lab Sample ID: 460-52450-41 MSD

Matrix: Solid | Lab File ID: p35518.d

Analysis Method: 8270C | Date Collected: 03/14/2013 17:35

Extract. Method: 3541 | Date Extracted: 03/18/2013 21:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 09:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2800		340	43
117-84-0	Di-n-octyl phthalate	2760		340	22
206-44-0	Fluoranthene	2550		340	46
86-73-7	Fluorene	2720		340	44
118-74-1	Hexachlorobenzene	2980		34	4.7
87-68-3	Hexachlorobutadiene	2600		70	8.4
77-47-4	Hexachlorocyclopentadiene	2460		340	41
67-72-1	Hexachloroethane	2680		34	3.8
193-39-5	Indeno[1,2,3-cd]pyrene	2620		34	6.4
78-59-1	Isophorone	2750		340	42
91-20-3	Naphthalene	2830		340	40
98-95-3	Nitrobenzene	2830		34	4.9
621-64-7	N-Nitrosodi-n-propylamine	3190		34	5.8
86-30-6	N-Nitrosodiphenylamine	3230		340	34
85-01-8	Phenanthrene	2790		340	44
129-00-0	Pyrene	2570		340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	74		40-109
4165-60-0	Nitrobenzene-d5	76		38-105
1718-51-0	Terphenyl-d14	71		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52468-D-3-A MSD

Matrix: Water | Lab File ID: z20085.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/24/2013 00:30

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.: 152529 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	87.5		1.0	0.26
95-50-1	1,2-Dichlorobenzene	85.6		10	2.5
541-73-1	1,3-Dichlorobenzene	85.1		10	2.4
106-46-7	1,4-Dichlorobenzene	84.6		10	2.5
121-14-2	2,4-Dinitrotoluene	96.2		2.0	0.47
606-20-2	2,6-Dinitrotoluene	98.0		2.0	0.61
91-58-7	2-Chloronaphthalene	91.9		10	2.7
91-57-6	2-Methylnaphthalene	92.0		10	3.0
88-74-4	2-Nitroaniline	97.8		20	4.9
91-94-1	3,3'-Dichlorobenzidine	103		20	4.9
99-09-2	3-Nitroaniline	96.2		20	5.0
101-55-3	4-Bromophenyl phenyl ether	95.9		10	2.5
106-47-8	4-Chloroaniline	83.6		10	2.0
7005-72-3	4-Chlorophenyl phenyl ether	93.6		10	2.5
100-01-6	4-Nitroaniline	102		20	5.8
83-32-9	Acenaphthene	89.1		10	2.7
208-96-8	Acenaphthylene	91.9		10	2.7
120-12-7	Anthracene	93.3		10	2.8
56-55-3	Benzo[a]anthracene	88.5		1.0	0.27
50-32-8	Benzo[a]pyrene	95.8		1.0	0.14
205-99-2	Benzo[b]fluoranthene	88.2		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	99.5		10	2.0
207-08-9	Benzo[k]fluoranthene	91.7		1.0	0.26
108-60-1	bis (2-chloroisopropyl) ether	86.3		10	2.0
111-91-1	Bis(2-chloroethoxy)methane	92.4		10	2.6
111-44-4	Bis(2-chloroethyl)ether	83.6		1.0	0.28
117-81-7	Bis(2-ethylhexyl) phthalate	92.2		10	2.0
85-68-7	Butyl benzyl phthalate	93.3		10	2.5
86-74-8	Carbazole	95.8		10	3.2
218-01-9	Chrysene	92.9		10	3.1
53-70-3	Dibenz(a,h)anthracene	98.2		1.0	0.090
132-64-9	Dibenzofuran	93.0		10	2.8
84-66-2	Diethyl phthalate	99.5		10	2.9
131-11-3	Dimethyl phthalate	96.3		10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52468-D-3-A MSD

Matrix: Water | Lab File ID: z20085.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/18/2013 11:42

Sample wt/vol: 1000(mL) | Date Analyzed: 03/24/2013 00:30

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.: 152529 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	95.7		10	2.9
117-84-0	Di-n-octyl phthalate	93.6		10	1.5
206-44-0	Fluoranthene	94.5		10	3.2
86-73-7	Fluorene	94.7		10	2.8
118-74-1	Hexachlorobenzene	92.5		1.0	0.29
87-68-3	Hexachlorobutadiene	83.8		2.0	0.57
77-47-4	Hexachlorocyclopentadiene	67.6		10	1.7
67-72-1	Hexachloroethane	84.5		1.0	0.25
193-39-5	Indeno[1,2,3-cd]pyrene	99.5		1.0	0.15
78-59-1	Isophorone	89.6		10	2.7
91-20-3	Naphthalene	88.9		10	2.7
98-95-3	Nitrobenzene	85.1		1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	92.8		1.0	0.25
86-30-6	N-Nitrosodiphenylamine	107		10	2.9
85-01-8	Phenanthrene	96.0		10	3.1
129-00-0	Pyrene	88.1		10	2.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	88		53-108
4165-60-0	Nitrobenzene-d5	89		56-112
1718-51-0	Terphenyl-d14	88		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52492-A-1-B MSD

Matrix: Solid | Lab File ID: p35508.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 05:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2300		37	4.2
95-50-1	1,2-Dichlorobenzene	1810		370	43
541-73-1	1,3-Dichlorobenzene	1680		370	34
106-46-7	1,4-Dichlorobenzene	1730		370	42
121-14-2	2,4-Dinitrotoluene	2950		75	12
606-20-2	2,6-Dinitrotoluene	2860		75	11
91-58-7	2-Chloronaphthalene	2790		370	41
91-57-6	2-Methylnaphthalene	2680		370	48
88-74-4	2-Nitroaniline	3090		750	150
91-94-1	3,3'-Dichlorobenzidine	2270		750	130
99-09-2	3-Nitroaniline	1900		750	130
101-55-3	4-Bromophenyl phenyl ether	3050		370	37
106-47-8	4-Chloroaniline	1560		370	98
7005-72-3	4-Chlorophenyl phenyl ether	2890		370	43
100-01-6	4-Nitroaniline	2730		750	120
83-32-9	Acenaphthene	2930		370	54
208-96-8	Acenaphthylene	2880		370	44
120-12-7	Anthracene	2960		370	45
56-55-3	Benzo[a]anthracene	2840		37	2.6
50-32-8	Benzo[a]pyrene	2820		37	2.6
205-99-2	Benzo[b]fluoranthene	2690		37	2.3
191-24-2	Benzo[g,h,i]perylene	2910		370	27
207-08-9	Benzo[k]fluoranthene	2740		37	2.8
108-60-1	bis (2-chloroisopropyl) ether	2270		370	41
111-91-1	Bis(2-chloroethoxy)methane	2700		370	48
111-44-4	Bis(2-chloroethyl)ether	1990		37	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	2980		370	120
85-68-7	Butyl benzyl phthalate	2870		370	34
86-74-8	Carbazole	2980		370	44
218-01-9	Chrysene	2910		370	43
53-70-3	Dibenz(a,h)anthracene	3110		37	4.7
132-64-9	Dibenzofuran	2880		370	43
84-66-2	Diethyl phthalate	2930		370	44
131-11-3	Dimethyl phthalate	2970		370	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-52492-A-1-B MSD

Matrix: Solid | Lab File ID: p35508.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/18/2013 18:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 05:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151725 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	3030		370	46
117-84-0	Di-n-octyl phthalate	2710		370	24
206-44-0	Fluoranthene	3030		370	49
86-73-7	Fluorene	2890		370	47
118-74-1	Hexachlorobenzene	3040		37	5.1
87-68-3	Hexachlorobutadiene	2160		75	9.0
77-47-4	Hexachlorocyclopentadiene	2390		370	44
67-72-1	Hexachloroethane	1740		37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2710		37	6.9
78-59-1	Isophorone	2530		370	45
91-20-3	Naphthalene	2550		370	43
98-95-3	Nitrobenzene	2460		37	5.3
621-64-7	N-Nitrosodi-n-propylamine	2720		37	6.2
86-30-6	N-Nitrosodiphenylamine	3180		370	37
85-01-8	Phenanthrene	3030		370	47
129-00-0	Pyrene	2550		370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	70		40-109
4165-60-0	Nitrobenzene-d5	61		38-105
1718-51-0	Terphenyl-d14	66		16-151

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/17/2013 19:40

Analysis Batch Number: 151579 End Date: 03/18/2013 06:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-151579/1		03/17/2013 19:40	1	p35463.d	Rtx-5MS 0.25(mm)
ICIS 460-151579/2		03/17/2013 20:02	1	p35464.d	Rtx-5MS 0.25(mm)
IC 460-151579/3		03/17/2013 20:55	1	p35465.d	Rtx-5MS 0.25(mm)
IC 460-151579/4		03/17/2013 21:21	1	p35466.d	Rtx-5MS 0.25(mm)
IC 460-151579/5		03/17/2013 21:46	1	p35467.d	Rtx-5MS 0.25(mm)
IC 460-151579/6		03/17/2013 22:12	1	p35468.d	Rtx-5MS 0.25(mm)
IC 460-151579/7		03/17/2013 22:36	1	p35469.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 00:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 00:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 00:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 01:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 01:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 02:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 02:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 02:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 03:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 03:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 04:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 04:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 05:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 05:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 05:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 06:17	20		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/19/2013 01:13

Analysis Batch Number: 151725 End Date: 03/19/2013 11:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-151725/1		03/19/2013 01:13	1	p35502.d	Rtx-5MS 0.25(mm)
CCVIS 460-151725/2		03/19/2013 01:32	1	p35503.d	Rtx-5MS 0.25(mm)
LCS 460-151635/2-A		03/19/2013 03:31	1	p35504.d	Rtx-5MS 0.25(mm)
460-52492-A-1-A MS		03/19/2013 04:47	1	p35507.d	Rtx-5MS 0.25(mm)
460-52492-A-1-B MSD		03/19/2013 05:13	1	p35508.d	Rtx-5MS 0.25(mm)
LCS 460-151648/2-A		03/19/2013 05:38	1	p35509.d	Rtx-5MS 0.25(mm)
MB 460-151635/1-A		03/19/2013 07:20	1	p35513.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 07:45	1		Rtx-5MS 0.25(mm)
460-52450-41 MS	PMP-28-NE-VD MS	03/19/2013 09:01	1	p35517.d	Rtx-5MS 0.25(mm)
460-52450-41 MSD	PMP-28-NE-VD MSD	03/19/2013 09:29	1	p35518.d	Rtx-5MS 0.25(mm)
460-52450-41	PMP-28-NE-VD	03/19/2013 09:53	1	p35519.d	Rtx-5MS 0.25(mm)
MB 460-151648/1-A		03/19/2013 10:19	1	p35520.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 10:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 11:09	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/20/2013 02:16

Analysis Batch Number: 152146 End Date: 03/20/2013 12:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152146/1		03/20/2013 02:16	1	p35553.d	Rtx-5MS 0.25(mm)
CCVIS 460-152146/2		03/20/2013 02:34	1	p35554.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 03:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 03:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 03:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 04:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 05:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 06:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 07:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 08:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 09:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 09:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 10:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 10:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 11:07	1		Rtx-5MS 0.25(mm)
460-52450-42	PMP-28-NE-WT	03/20/2013 11:32	1	p35575.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 11:58	1		Rtx-5MS 0.25(mm)
460-52450-20	PMP-7-NE-VD	03/20/2013 12:23	1	p35577.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/20/2013 15:45

Analysis Batch Number: 152148 End Date: 03/21/2013 03:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152148/1		03/20/2013 15:45	1	p35578.d	Rtx-5MS 0.25(mm)
CCVIS 460-152148/2		03/20/2013 16:05	1	p35579.d	Rtx-5MS 0.25(mm)
MB 460-151640/1-A		03/20/2013 16:58	1	p35581.d	Rtx-5MS 0.25(mm)
LCS 460-151640/2-A		03/20/2013 17:24	1	p35582.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 17:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 18:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 18:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 19:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 20:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 21:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 21:28	1		Rtx-5MS 0.25(mm)
460-52450-32	PMP-13-NE-SI	03/20/2013 21:54	1	p35590.d	Rtx-5MS 0.25(mm)
460-52450-33	PMP-13-NE-SD	03/20/2013 22:19	1	p35591.d	Rtx-5MS 0.25(mm)
460-52450-34	PMP-16-NE-VD	03/20/2013 22:44	1	p35592.d	Rtx-5MS 0.25(mm)
460-52450-22	PMP-7-NE-SI	03/20/2013 23:34	1	p35594.d	Rtx-5MS 0.25(mm)
460-52450-23	PMP-10-NE-VD	03/20/2013 23:59	1	p35595.d	Rtx-5MS 0.25(mm)
460-52450-24	PMP-10-NE-WT	03/21/2013 00:24	1	p35596.d	Rtx-5MS 0.25(mm)
460-52450-25	PMP-10-NE-SI	03/21/2013 00:49	1	p35597.d	Rtx-5MS 0.25(mm)
460-52450-25 MS	PMP-10-NE-SI MS	03/21/2013 01:15	1	p35598.d	Rtx-5MS 0.25(mm)
460-52450-25 MSD	PMP-10-NE-SI MSD	03/21/2013 01:40	1	p35599.d	Rtx-5MS 0.25(mm)
460-52450-26	PMP-10-NE-SD	03/21/2013 02:05	1	p35600.d	Rtx-5MS 0.25(mm)
460-52450-27	PMP-9-NE-VD	03/21/2013 02:30	1	p35601.d	Rtx-5MS 0.25(mm)
460-52450-28	PMP-9-NE-WT	03/21/2013 02:56	1	p35602.d	Rtx-5MS 0.25(mm)
460-52450-29	PMP-9-NE-SI	03/21/2013 03:21	1	p35603.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/21/2013 04:51

Analysis Batch Number: 152178 End Date: 03/21/2013 16:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152178/1		03/21/2013 04:51	1	p35606.d	Rtx-5MS 0.25(mm)
CCVIS 460-152178/2		03/21/2013 05:10	1	p35607.d	Rtx-5MS 0.25(mm)
LCS 460-151520/2-A		03/21/2013 05:59	1	p35608.d	Rtx-5MS 0.25(mm)
MB 460-151520/1-A		03/21/2013 06:25	1	p35609.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 06:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 07:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 07:40	1		Rtx-5MS 0.25(mm)
460-52450-1	PMP-21-NE-VD	03/21/2013 08:06	1	p35613.d	Rtx-5MS 0.25(mm)
460-52450-1 MS	PMP-21-NE-VD MS	03/21/2013 08:31	1	p35614.d	Rtx-5MS 0.25(mm)
460-52450-1 MSD	PMP-21-NE-VD MSD	03/21/2013 08:56	1	p35615.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 09:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 09:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 10:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 10:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 11:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 11:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 11:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 13:09	2		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 14:00	2		Rtx-5MS 0.25(mm)
460-52450-35	PMP-16-NE-WT	03/21/2013 14:51	1	p35629.d	Rtx-5MS 0.25(mm)
460-52450-36	PMP-16-NE-SI	03/21/2013 15:16	1	p35630.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 15:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 16:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 16:33	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/19/2013 13:05

Analysis Batch Number: 152275 End Date: 03/20/2013 00:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152275/1		03/19/2013 13:05	1	p35524.d	Rtx-5MS 0.25(mm)
CCVIS 460-152275/2		03/19/2013 13:31	1	p35525.d	Rtx-5MS 0.25(mm)
460-52450-2	PMP-21-NE-WT	03/19/2013 14:13	1	p35526.d	Rtx-5MS 0.25(mm)
460-52450-3	PMP-21-NE-SI	03/19/2013 14:38	1	p35527.d	Rtx-5MS 0.25(mm)
460-52450-7	PMP-8-NE-VD	03/19/2013 15:03	1	p35528.d	Rtx-5MS 0.25(mm)
460-52450-8	PMP-8-NE-WT	03/19/2013 15:29	1	p35529.d	Rtx-5MS 0.25(mm)
460-52450-12	PMP-22-NE-VD	03/19/2013 15:54	1	p35530.d	Rtx-5MS 0.25(mm)
460-52450-13	PMP-22-NE-WT	03/19/2013 16:19	1	p35531.d	Rtx-5MS 0.25(mm)
460-52450-14	PMP-6-NE-VD	03/19/2013 16:44	1	p35532.d	Rtx-5MS 0.25(mm)
460-52450-15	PMP-6-NE-WT	03/19/2013 17:10	1	p35533.d	Rtx-5MS 0.25(mm)
460-52450-16	PMP-6-NE-SI	03/19/2013 17:35	1	p35534.d	Rtx-5MS 0.25(mm)
460-52450-17	PMP-5-NE-VD	03/19/2013 18:00	1	p35535.d	Rtx-5MS 0.25(mm)
460-52450-18	PMP-5-NE-WT	03/19/2013 18:26	1	p35536.d	Rtx-5MS 0.25(mm)
460-52450-19	PMP-5-NE-SI	03/19/2013 18:51	1	p35537.d	Rtx-5MS 0.25(mm)
460-52450-43	PMP-28-NE-SI	03/19/2013 19:16	1	p35538.d	Rtx-5MS 0.25(mm)
460-52450-44	PMP-28-NE-SD	03/19/2013 19:41	1	p35539.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 20:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 21:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 21:47	1		Rtx-5MS 0.25(mm)
460-52450-5	PMP-14-NE VS	03/19/2013 22:12	1	p35545.d	Rtx-5MS 0.25(mm)
460-52450-11	PMP-22-NE-VS	03/19/2013 22:37	1	p35546.d	Rtx-5MS 0.25(mm)
460-52450-6	PMP-8-NE-VS	03/19/2013 23:03	1	p35547.d	Rtx-5MS 0.25(mm)
460-52450-9	PMP-4-NE-VS	03/19/2013 23:28	1	p35548.d	Rtx-5MS 0.25(mm)
460-52450-10	PMP-4-NE-VD	03/19/2013 23:53	1	p35549.d	Rtx-5MS 0.25(mm)
460-52450-4	PMP-23-NE-VS	03/20/2013 00:18	1	p35550.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/21/2013 17:48

Analysis Batch Number: 152346 End Date: 03/22/2013 04:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152346/1		03/21/2013 17:48	1	p35634.d	Rtx-5MS 0.25(mm)
CCVIS 460-152346/2		03/21/2013 18:10	1	p35635.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 18:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 19:00	1		Rtx-5MS 0.25(mm)
460-52450-38	PMP-15-NE-WT	03/21/2013 19:25	1	p35638.d	Rtx-5MS 0.25(mm)
460-52450-39	PMP-15-NE-SI	03/21/2013 19:50	1	p35639.d	Rtx-5MS 0.25(mm)
460-52450-40	PMP-15-NE-SD	03/21/2013 20:16	5	p35640.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 20:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 21:06	5		Rtx-5MS 0.25(mm)
460-52450-21	PMP-7-NE-WT	03/21/2013 21:31	5	p35643.d	Rtx-5MS 0.25(mm)
460-52450-30	PMP-13-NE-VD	03/21/2013 21:56	1	p35644.d	Rtx-5MS 0.25(mm)
460-52450-31 DL	PMP-13-NE-WT DL	03/21/2013 22:21	10	p35645.d	Rtx-5MS 0.25(mm)
460-52450-37	PMP-15-NE-VD	03/21/2013 22:47	1	p35646.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 23:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 23:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 00:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 00:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 00:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 01:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 01:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 02:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 02:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 03:01	10		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 03:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 03:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 04:43	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/21/2013 12:11

Analysis Batch Number: 152300 End Date: 03/21/2013 23:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152300/1		03/21/2013 12:11	1	z19994.d	Rtx-5MS 0.25(mm)
ICIS 460-152300/2		03/21/2013 12:28	1	z19997.d	Rtx-5MS 0.25(mm)
IC 460-152300/3		03/21/2013 13:09	1	z19998.d	Rtx-5MS 0.25(mm)
IC 460-152300/4		03/21/2013 13:34	1	z19999.d	Rtx-5MS 0.25(mm)
IC 460-152300/5		03/21/2013 14:00	1	z20000.d	Rtx-5MS 0.25(mm)
IC 460-152300/6		03/21/2013 14:25	1	z20001.d	Rtx-5MS 0.25(mm)
IC 460-152300/7		03/21/2013 14:51	1	z20002.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 15:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 16:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 17:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 18:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 18:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 19:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 19:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 20:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 20:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 20:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 21:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 21:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/21/2013 23:49	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/22/2013 00:15

Analysis Batch Number: 152320 End Date: 03/22/2013 12:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152320/1		03/22/2013 00:15	1	z20024.d	Rtx-5MS 0.25(mm)
CCVIS 460-152320/2		03/22/2013 00:48	1	z20025.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 02:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 02:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 03:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 03:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 03:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 04:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 04:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 05:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 05:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 06:06	1		Rtx-5MS 0.25(mm)
MB 460-151546/1-A		03/22/2013 07:22	1	z20040.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 07:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 08:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 09:05	1		Rtx-5MS 0.25(mm)
LCS 460-151546/2-A		03/22/2013 09:30	1	z20045.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 09:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 10:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 10:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 11:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 12:04	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/23/2013 17:31

Analysis Batch Number: 152488 End Date: 03/23/2013 19:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152488/1		03/23/2013 17:31	1	z20069.d	Rtx-5MS 0.25(mm)
ICIS 460-152488/2		03/23/2013 17:50	1	z20070.d	Rtx-5MS 0.25(mm)
IC 460-152488/3		03/23/2013 18:15	1	z20071.d	Rtx-5MS 0.25(mm)
IC 460-152488/4		03/23/2013 18:40	1	z20072.d	Rtx-5MS 0.25(mm)
IC 460-152488/5		03/23/2013 19:06	1	z20073.d	Rtx-5MS 0.25(mm)
IC 460-152488/6		03/23/2013 19:31	1	z20074.d	Rtx-5MS 0.25(mm)
IC 460-152488/7		03/23/2013 19:57	1	z20075.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/23/2013 21:11

Analysis Batch Number: 152529 End Date: 03/24/2013 08:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-152529/1		03/23/2013 21:11	1	z20077.d	Rtx-5MS 0.25(mm)
CCVIS 460-152529/2		03/23/2013 21:29	1	z20078.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2013 22:48	2		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2013 23:13	2		Rtx-5MS 0.25(mm)
460-52450-45	FB_031513	03/23/2013 23:39	1	z20083.d	Rtx-5MS 0.25(mm)
460-52468-C-3-A MS		03/24/2013 00:04	1	z20084.d	Rtx-5MS 0.25(mm)
460-52468-D-3-A MSD		03/24/2013 00:30	1	z20085.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 00:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 01:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 01:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 02:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 02:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 03:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 03:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 03:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 04:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 07:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 07:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 08:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 08:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/24/2013 08:57	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151520 Batch Start Date: 03/18/13 09:52 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 03/18/13 16:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00010	OP8270sp 00029	
MB 460-151520/1		3541, 8270C		15.00 g	1 mL	73	500 uL		
LCS 460-151520/2		3541, 8270C		15.00 g	1 mL	74	500 uL	500 uL	
460-52450-F-1 MS	PMP-21-NE-VD	3541, 8270C	T	15.02 g	1 mL	75	500 uL	500 uL	
460-52450-F-1 MSD	PMP-21-NE-VD	3541, 8270C	T	15.03 g	1 mL	76	500 uL	500 uL	
460-52450-F-1	PMP-21-NE-VD	3541, 8270C	T	15.00 g	1 mL	90	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA soil
Person's name who did the concentration	hp
Vendor lot number	25211
N-evap #	222299
N-evap temperature	37 Degrees C
Na2SO4 Lot Number	225301
Person's name who did the prep	hp
Solvent	MeCL2/Acetone mix
First Start time	10.00am
Uncorrected N-evap Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151546 Batch Start Date: 03/18/13 11:42 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00038
MB 460-151546/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-151546/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-52468-C-3 MS		3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	1 mL
460-52468-D-3 MSD		3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	1 mL
460-52450-F-45	FB_031513	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00035					
MB 460-151546/1		3510C, 8270C		1 mL					
LCS 460-151546/2		3510C, 8270C		1 mL					
460-52468-C-3 MS		3510C, 8270C	T	1 mL					
460-52468-D-3 MSD		3510C, 8270C	T	1 mL					
460-52450-F-45	FB_031513	3510C, 8270C	T	1 mL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151546 Batch Start Date: 03/18/13 11:42 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for pH adjustment	Sulfuric
Acid used for pH adjust Lot #	20665
Base used for pH adjustment	NAOH
Base used for pH adjust Lot #	op551
Batch Comment	8270 PREP
Person's name who did the concentration	ME
N-evap #	222299
N-evap temperature	20 Celsius
Prep Solvent Lot #	34712
Prep Solvent Name	MECL2
Prep Solvent Volume Used	360 ML mL
Person's name who did the prep	ME
Uncorrected N-evap Temperature	20 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151635 Batch Start Date: 03/18/13 18:18 Batch Analyst: Silva, Jose

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00010	OP8270sp 00029	
MB 460-151635/1		3541, 8270C		15.03 g	1 mL	73	500 uL		
LCS 460-151635/2		3541, 8270C		15.02 g	1 mL	74	500 uL	500 uL	
460-52492-A-1 MS		3541, 8270C	T	14.98 g	1 mL	75	500 uL	500 uL	
460-52492-A-1 MSD		3541, 8270C	T	15.02 g	1 mL	76	500 uL	500 uL	
460-52450-F-2	PMP-21-NE-WT	3541, 8270C	T	15.02 g	1 mL	78	500 uL		
460-52450-F-3	PMP-21-NE-SI	3541, 8270C	T	15.04 g	1 mL	79	500 uL		
460-52450-F-4	PMP-23-NE-VS	3541, 8270C	T	15.03 g	1 mL	80	500 uL		
460-52450-F-5	PMP-14-NE VS	3541, 8270C	T	15.04 g	1 mL	81	500 uL		
460-52450-F-6	PMP-8-NE-VS	3541, 8270C	T	15.02 g	1 mL	82	500 uL		
460-52450-F-7	PMP-8-NE-VD	3541, 8270C	T	15.00 g	1 mL	83	500 uL		
460-52450-F-8	PMP-8-NE-WT	3541, 8270C	T	15.03 g	1 mL	84	500 uL		
460-52450-F-9	PMP-4-NE-VS	3541, 8270C	T	15.00 g	1 mL	85	500 uL		
460-52450-F-10	PMP-4-NE-VD	3541, 8270C	T	15.04 g	1 mL	86	500 uL		
460-52450-F-11	PMP-22-NE-VS	3541, 8270C	T	15.00 g	1 mL	87	500 uL		
460-52450-F-12	PMP-22-NE-VD	3541, 8270C	T	15.02 g	1 mL	88	500 uL		
460-52450-F-13	PMP-22-NE-WT	3541, 8270C	T	15.03 g	1 mL	89	500 uL		
460-52450-F-14	PMP-6-NE-VD	3541, 8270C	T	15.00 g	1 mL	90	500 uL		
460-52450-F-15	PMP-6-NE-WT	3541, 8270C	T	15.04 g	1 mL	91	500 uL		
460-52450-F-16	PMP-6-NE-SI	3541, 8270C	T	15.00 g	1 mL	92	500 uL		
460-52450-F-17	PMP-5-NE-VD	3541, 8270C	T	15.02 g	1 mL	93	500 uL		
460-52450-F-18	PMP-5-NE-WT	3541, 8270C	T	15.00 g	1 mL	94	500 uL		
460-52450-F-19	PMP-5-NE-SI	3541, 8270C	T	15.04 g	1 mL	95	500 uL		
460-52450-F-20	PMP-7-NE-VD	3541, 8270C	T	15.03 g	1 mL	96	500 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151635 Batch Start Date: 03/18/13 18:18 Batch Analyst: Silva, Jose

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	BNA SOIL
Person's name who did the concentration	Jose
Vendor lot number	25211
N-evap #	222299
N-evap temperature	22.0 Degrees C
Na2SO4 Lot Number	225301
Person's name who did the prep	Jose
Person's name who witnessed reagent drop	KR
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
Uncorrected N-evap Temperature	22.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151640 Batch Start Date: 03/18/13 18:52 Batch Analyst: Silva, Jose

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00010	OP8270sp 00029	
MB 460-151640/1		3541, 8270C		15.02 g	1 mL	73	500 uL		
LCS 460-151640/2		3541, 8270C		15.04 g	1 mL	74	500 uL	500 uL	
460-52450-F-25 MS	PMP-10-NE-SI	3541, 8270C	T	15.03 g	1 mL	75	500 uL	500 uL	
460-52450-F-25 MSD	PMP-10-NE-SI	3541, 8270C	T	15.02 g	1 mL	76	500 uL	500 uL	
460-52450-F-21	PMP-7-NE-WT	3541, 8270C	T	15.03 g	1 mL	77	500 uL		
460-52450-F-22	PMP-7-NE-SI	3541, 8270C	T	15.04 g	1 mL	78	500 uL		
460-52450-F-23	PMP-10-NE-VD	3541, 8270C	T	15.02 g	1 mL	79	500 uL		
460-52450-F-24	PMP-10-NE-WT	3541, 8270C	T	15.03 g	1 mL	80	500 uL		
460-52450-F-25	PMP-10-NE-SI	3541, 8270C	T	15.02 g	1 mL	81	500 uL		
460-52450-F-26	PMP-10-NE-SD	3541, 8270C	T	15.04 g	1 mL	82	500 uL		
460-52450-F-27	PMP-9-NE-VD	3541, 8270C	T	14.98 g	1 mL	83	500 uL		
460-52450-F-28	PMP-9-NE-WT	3541, 8270C	T	15.00 g	1 mL	84	500 uL		
460-52450-F-29	PMP-9-NE-SI	3541, 8270C	T	15.02 g	1 mL	85	500 uL		
460-52450-F-30	PMP-13-NE-VD	3541, 8270C	T	15.04 g	1 mL	86	500 uL		
460-52450-F-31	PMP-13-NE-WT	3541, 8270C	T	15.03 g	1 mL	87	500 uL		
460-52450-F-32	PMP-13-NE-SI	3541, 8270C	T	15.02 g	1 mL	88	500 uL		
460-52450-F-33	PMP-13-NE-SD	3541, 8270C	T	15.04 g	1 mL	89	500 uL		
460-52450-F-34	PMP-16-NE-VD	3541, 8270C	T	15.03 g	1 mL	90	500 uL		
460-52450-F-35	PMP-16-NE-WT	3541, 8270C	T	15.05 g	1 mL	91	500 uL		
460-52450-F-36	PMP-16-NE-SI	3541, 8270C	T	15.00 g	1 mL	92	500 uL		
460-52450-F-37	PMP-15-NE-VD	3541, 8270C	T	14.96 g	1 mL	93	500 uL		
460-52450-F-38	PMP-15-NE-WT	3541, 8270C	T	15.00 g	1 mL	94	500 uL		
460-52450-F-39	PMP-15-NE-SI	3541, 8270C	T	15.02 g	1 mL	85	500 uL		
460-52450-F-40	PMP-15-NE-SD	3541, 8270C	T	15.04 g	1 mL	96	500 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151640 Batch Start Date: 03/18/13 18:52 Batch Analyst: Silva, Jose

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270 SOIL
Person's name who did the concentration	Jose
Vendor lot number	25211
N-evap #	222299
N-evap temperature	22.0 Degrees C
Na2SO4 Lot Number	225301
Person's name who did the prep	Jose
Person's name who witnessed reagent drop	KR
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
Uncorrected N-evap Temperature	22.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151648 Batch Start Date: 03/18/13 21:53 Batch Analyst: Silva, Jose

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00010	OP8270sp 00029	
MB 460-151648/1		3541, 8270C		14.98 g	1 mL	73	500 uL		
LCS 460-151648/2		3541, 8270C		15.04 g	1 mL	74	500 uL	500 uL	
460-52450-F-41 MS	PMP-28-NE-VD	3541, 8270C	T	15.03 g	1 mL	75	500 uL	500 uL	
460-52450-F-41 MSD	PMP-28-NE-VD	3541, 8270C	T	15.04 g	1 mL	76	500 uL	500 uL	
460-52450-F-41	PMP-28-NE-VD	3541, 8270C	T	15.02 g	1 mL	77	500 uL		
460-52450-F-42	PMP-28-NE-WT	3541, 8270C	T	15.03 g	1 mL	78	500 uL		
460-52450-F-43	PMP-28-NE-SI	3541, 8270C	T	15.04 g	1 mL	79	500 uL		
460-52450-F-44	PMP-28-NE-SD	3541, 8270C	T	15.00 g	1 mL	80	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA SOIL
Blank Soil Lot Number	225301
Person's name who did the concentration	JS
Vendor lot number	25211
N-evap #	222299
N-evap temperature	22.0 Degrees C
Na2SO4 Lot Number	225301
Person's name who did the prep	Jose
Person's name who witnessed reagent drop	KR
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
Uncorrected N-evap Temperature	22.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

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	DCB1 #	DCB2 #
PMP-21-NE-VD	460-52450-1	95	98
PMP-21-NE-WT	460-52450-2	112	93
PMP-21-NE-SI	460-52450-3	117	93
PMP-23-NE-VS	460-52450-4	104	106
PMP-14-NE VS	460-52450-5	80	90
PMP-8-NE-VS	460-52450-6	135	105
PMP-8-NE-VD	460-52450-7	68	72
PMP-8-NE-WT	460-52450-8	85	89
PMP-4-NE-VS	460-52450-9	73	84
PMP-4-NE-VD	460-52450-10	75	88
PMP-22-NE-VS	460-52450-11	0 X D	0 X D
PMP-22-NE-VD	460-52450-12	69	74
PMP-22-NE-WT	460-52450-13	81	84
PMP-6-NE-VD	460-52450-14	84	84
PMP-6-NE-WT	460-52450-15	129	86 p
PMP-6-NE-SI	460-52450-16	134	94
PMP-5-NE-VD	460-52450-17	83	78
PMP-5-NE-WT	460-52450-18	0 X D	0 X D
PMP-5-NE-SI	460-52450-19	125	91
PMP-7-NE-VD	460-52450-20	0 X D	0 X D
PMP-7-NE-WT	460-52450-21	0 X D	0 X D
PMP-7-NE-SI	460-52450-22	0 X D	0 X D
PMP-10-NE-VD	460-52450-23	88	87
PMP-10-NE-WT	460-52450-24	88	85
PMP-10-NE-SI	460-52450-25	85	80
PMP-10-NE-SD	460-52450-26	92	87
PMP-9-NE-VD	460-52450-27	95	88
PMP-9-NE-WT	460-52450-28	0 X D	0 X D
PMP-9-NE-SI	460-52450-29	0 X D	0 X D
PMP-13-NE-VD	460-52450-30	107	100
PMP-13-NE-WT	460-52450-31	0 X D	0 X D
PMP-13-NE-SI	460-52450-32	110	103
PMP-13-NE-SD	460-52450-33	104	95
PMP-16-NE-VD	460-52450-34	102	97
PMP-16-NE-WT	460-52450-35	0 X D	0 X D

	QC LIMITS
DCB = DCB Decachlorobiphenyl	45-138

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

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	DCB1 #	DCB2 #
PMP-16-NE-SI	460-52450-36	118	109
PMP-15-NE-VD	460-52450-37	109	100
PMP-15-NE-WT	460-52450-38	87	81
PMP-15-NE-SI	460-52450-39	114	105
PMP-15-NE-SD	460-52450-40	0 X D	0 X D
PMP-28-NE-VD	460-52450-41	92	92
PMP-28-NE-WT	460-52450-42	0 D X	0 D X
PMP-28-NE-SI	460-52450-43	103	108
PMP-28-NE-SD	460-52450-44	90	91
	MB 460-151458/1-A		95
	MB 460-151512/1-A	89	84
	MB 460-151527/1-A	113	106
	LCS 460-151458/2-A	92	
	LCS 460-151512/2-A	89	85
	LCS 460-151527/2-A	113	109
PMP-4-NE-VS MS	460-52450-9 MS	76	83
PMP-9-NE-SI MS	460-52450-29 MS	0 D X	0 D X
	460-52380-B-1-B MS	95	98
PMP-4-NE-VS MSD	460-52450-9 MSD	76	87
PMP-9-NE-SI MSD	460-52450-29 MSD	0 D X	0 D X
	460-52380-B-1-C MSD		101

	QC LIMITS
DCB = DCB Decachlorobiphenyl	45-138

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

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	DCB1 #	DCB2 #
FB_031513	460-52450-45	95	87
	MB 460-151921/1-A	106	98
	LCS 460-151921/2-A	100	92
	LCSD 460-151921/3-A	93	86

	QC LIMITS
DCB = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of200687.d

Lab ID: LCS 460-151458/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	293	88	75-150	
Aroclor 1260	333	343	103	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or200687.d

Lab ID: LCS 460-151458/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	254	76	75-150	
Aroclor 1260	333	331	99	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf093641.d

Lab ID: LCS 460-151512/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	319	96	75-150	
Aroclor 1260	333	328	98	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr093641.d

Lab ID: LCS 460-151512/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	322	96	75-150	
Aroclor 1260	333	330	99	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf483954.d

Lab ID: LCS 460-151527/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	367	110	75-150	
Aroclor 1260	333	396	119	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr483954.d

Lab ID: LCS 460-151527/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	342	103	75-150	
Aroclor 1260	333	379	114	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: of200915.d

Lab ID: LCS 460-151921/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	5.42	108	72-144	
Aroclor 1260	5.00	5.21	104	67-149	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: or200915.d

Lab ID: LCS 460-151921/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	5.21	104	72-144	
Aroclor 1260	5.00	5.58	112	67-149	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: of200914.d

Lab ID: LCSD 460-151921/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	5.00	5.52	110	2	30	72-144	
Aroclor 1260	5.00	5.45	109	4	30	67-149	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: or200914.d

Lab ID: LCSD 460-151921/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	5.00	5.19	104	0	30	72-144	
Aroclor 1260	5.00	5.80	116	4	30	67-149	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf093642.d

Lab ID: 460-52450-9 MS Client ID: PMP-4-NE-VS MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	360	16 U	1460	406	75-150	F
Aroclor 1260	360	21 U	438	122	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr093642.d

Lab ID: 460-52450-9 MS Client ID: PMP-4-NE-VS MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	360	16 U	1410	391	75-150	F
Aroclor 1260	360	21 U	372	103	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf484006.d

Lab ID: 460-52450-29 MS Client ID: PMP-9-NE-SI MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	376	170 U	10900	2901	75-150	F
Aroclor 1260	376	760	1210	122	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr484006.d

Lab ID: 460-52450-29 MS Client ID: PMP-9-NE-SI MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	376	170 U	10700	2834	75-150	F
Aroclor 1260	376	760	886	35	72-150	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of200685.d

Lab ID: 460-52380-B-1-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	410	18 U	400	98	75-150	
Aroclor 1260	410	23 U	422	103	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or200685.d

Lab ID: 460-52380-B-1-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	410	18 U	409	100	75-150	
Aroclor 1260	410	23 U	439	107	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf093643.d

Lab ID: 460-52450-9 MSD Client ID: PMP-4-NE-VS MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	361	1620	449	10	30	75-150	F
Aroclor 1260	361	446	124	2	30	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr093643.d

Lab ID: 460-52450-9 MSD Client ID: PMP-4-NE-VS MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	361	1380	382	2	30	75-150	F
Aroclor 1260	361	391	108	5	30	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf484007.d

Lab ID: 460-52450-29 MSD Client ID: PMP-9-NE-SI MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	376	11100	2939	1	30	75-150	F
Aroclor 1260	376	1310	148	8	30	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr484007.d

Lab ID: 460-52450-29 MSD Client ID: PMP-9-NE-SI MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	376	10800	2858	NC	30	75-150	F
Aroclor 1260	376	947	88	NC	30	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or200689.d

Lab ID: 460-52380-B-1-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	410	419	102	2	30	75-150	
Aroclor 1260	410	457	111	4	30	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: MB 460-151458/1-A

Matrix: Solid Date Extracted: 03/17/2013 06:36

Lab File ID:(1) or200688.d Lab File ID:(2) of200688.d

Date Analyzed:(1) 03/18/2013 11:07 Date Analyzed:(2) 03/18/2013 11:07

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

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
	460-52380-B-1-B MS	03/18/2013 10:18	03/18/2013 10:18
	LCS 460-151458/2-A	03/18/2013 10:50	03/18/2013 10:50
	460-52380-B-1-C MSD	03/18/2013 11:46	03/18/2013 11:46
PMP-21-NE-VD	460-52450-1	03/18/2013 14:27	03/18/2013 14:27
PMP-23-NE-VS	460-52450-4	03/18/2013 15:15	03/18/2013 15:15
PMP-14-NE VS	460-52450-5	03/18/2013 15:31	03/18/2013 15:31
PMP-8-NE-VD	460-52450-7	03/18/2013 16:04	03/18/2013 16:04
PMP-8-NE-WT	460-52450-8	03/18/2013 16:21	03/18/2013 16:21
PMP-28-NE-VD	460-52450-41	03/18/2013 16:38	03/18/2013 16:38
PMP-28-NE-SI	460-52450-43	03/18/2013 17:10	03/18/2013 17:10
PMP-28-NE-SD	460-52450-44	03/18/2013 17:27	03/18/2013 17:27
PMP-21-NE-WT	460-52450-2	03/19/2013 08:25	03/19/2013 08:25
PMP-21-NE-SI	460-52450-3	03/19/2013 08:42	03/19/2013 08:42
PMP-8-NE-VS	460-52450-6	03/19/2013 08:58	03/19/2013 08:58
PMP-28-NE-WT	460-52450-42	03/19/2013 09:14	03/19/2013 09:14

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: MB 460-151512/1-A

Matrix: Solid Date Extracted: 03/18/2013 08:57

Lab File ID:(1) qr093640.d Lab File ID:(2) qf093640.d

Date Analyzed:(1) 03/18/2013 21:35 Date Analyzed:(2) 03/18/2013 21:35

Instrument ID:(1) PESTGC8 Instrument ID:(2) PESTGC8

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 460-151512/2-A	03/18/2013 21:54	03/18/2013 21:54
PMP-4-NE-VS MS	460-52450-9 MS	03/18/2013 22:10	03/18/2013 22:10
PMP-4-NE-VS MSD	460-52450-9 MSD	03/18/2013 22:27	03/18/2013 22:27
PMP-4-NE-VS	460-52450-9	03/18/2013 22:44	03/18/2013 22:44
PMP-4-NE-VD	460-52450-10	03/18/2013 23:01	03/18/2013 23:01
PMP-22-NE-VD	460-52450-12	03/18/2013 23:35	03/18/2013 23:35
PMP-22-NE-WT	460-52450-13	03/18/2013 23:52	03/18/2013 23:52
PMP-6-NE-VD	460-52450-14	03/19/2013 00:09	03/19/2013 00:09
PMP-5-NE-VD	460-52450-17	03/19/2013 00:59	03/19/2013 00:59
PMP-10-NE-VD	460-52450-23	03/19/2013 02:40	03/19/2013 02:40
PMP-10-NE-WT	460-52450-24	03/19/2013 02:57	03/19/2013 02:57
PMP-10-NE-SI	460-52450-25	03/19/2013 03:14	03/19/2013 03:14
PMP-10-NE-SD	460-52450-26	03/19/2013 03:31	03/19/2013 03:31
PMP-9-NE-VD	460-52450-27	03/19/2013 03:48	03/19/2013 03:48
PMP-22-NE-VS	460-52450-11	03/19/2013 10:44	03/19/2013 10:44
PMP-6-NE-WT	460-52450-15	03/19/2013 11:01	03/19/2013 11:01
PMP-6-NE-SI	460-52450-16	03/19/2013 11:18	03/19/2013 11:18
PMP-5-NE-WT	460-52450-18	03/19/2013 11:35	03/19/2013 11:35
PMP-5-NE-SI	460-52450-19	03/19/2013 11:52	03/19/2013 11:52
PMP-7-NE-WT	460-52450-21	03/19/2013 12:26	03/19/2013 12:26
PMP-7-NE-SI	460-52450-22	03/19/2013 12:44	03/19/2013 12:44
PMP-9-NE-WT	460-52450-28	03/19/2013 13:01	03/19/2013 13:01
PMP-7-NE-VD	460-52450-20	03/19/2013 13:22	03/19/2013 13:22

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: MB 460-151527/1-A

Matrix: Solid Date Extracted: 03/18/2013 10:32

Lab File ID:(1) vr483953.d Lab File ID:(2) vf483953.d

Date Analyzed:(1) 03/18/2013 14:27 Date Analyzed:(2) 03/18/2013 14:27

Instrument ID:(1) PESTGC9 Instrument ID:(2) PESTGC9

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 460-151527/2-A	03/18/2013 14:43	03/18/2013 14:43
PMP-13-NE-VD	460-52450-30	03/18/2013 15:48	03/18/2013 15:48
PMP-13-NE-SI	460-52450-32	03/18/2013 16:20	03/18/2013 16:20
PMP-13-NE-SD	460-52450-33	03/18/2013 16:36	03/18/2013 16:36
PMP-16-NE-VD	460-52450-34	03/18/2013 16:52	03/18/2013 16:52
PMP-16-NE-SI	460-52450-36	03/18/2013 17:24	03/18/2013 17:24
PMP-15-NE-VD	460-52450-37	03/18/2013 17:40	03/18/2013 17:40
PMP-15-NE-WT	460-52450-38	03/18/2013 17:56	03/18/2013 17:56
PMP-15-NE-SI	460-52450-39	03/18/2013 18:12	03/18/2013 18:12
PMP-16-NE-WT	460-52450-35	03/19/2013 12:24	03/19/2013 12:24
PMP-9-NE-SI MS	460-52450-29 MS	03/19/2013 16:44	03/19/2013 16:44
PMP-9-NE-SI MSD	460-52450-29 MSD	03/19/2013 17:00	03/19/2013 17:00
PMP-9-NE-SI	460-52450-29	03/19/2013 17:16	03/19/2013 17:16
PMP-13-NE-WT	460-52450-31	03/19/2013 17:32	03/19/2013 17:32
PMP-15-NE-SD	460-52450-40	03/19/2013 18:05	03/19/2013 18:05

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: MB 460-151921/1-A

Matrix: Water Date Extracted: 03/20/2013 14:11

Lab File ID:(1) or200917.d Lab File ID:(2) of200917.d

Date Analyzed:(1) 03/21/2013 10:00 Date Analyzed:(2) 03/21/2013 10:00

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

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
FB_031513	460-52450-45	03/21/2013 08:39	03/21/2013 08:39
	LCSD 460-151921/3-A	03/21/2013 09:12	03/21/2013 09:12
	LCS 460-151921/2-A	03/21/2013 09:28	03/21/2013 09:28

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151554/3 Date Analyzed: 03/18/2013 08:50

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of200681.d Heated Purge: (Y/N) N

Calibration ID: 20611

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.73		
UPPER LIMIT				10.83		
LOWER LIMIT				10.63		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151554/3		03/18/2013 08:50	of200681.d	10.73		
460-52380-B-1-B MS		03/18/2013 10:18	of200685.d	10.72		
MB 460-151458/1-A		03/18/2013 11:07	of200688.d	10.72		
460-52380-B-1-C MSD		03/18/2013 11:46	of200689.d	10.73		
CCV 460-151554/13		03/18/2013 12:19	of200691.d	10.72		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151554/3 Date Analyzed: 03/18/2013 08:50

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or200681.d Heated Purge: (Y/N) N

Calibration ID: 20603

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.00		
UPPER LIMIT				9.10		
LOWER LIMIT				8.90		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151554/3		03/18/2013 08:50	or200681.d	9.00		
460-52380-B-1-B MS		03/18/2013 10:18	or200685.d	9.00		
LCS 460-151458/2-A		03/18/2013 10:50	or200687.d	9.00		
CCV 460-151554/13		03/18/2013 12:19	or200691.d	9.00		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-152113/3 Date Analyzed: 03/21/2013 07:31

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of200909.d Heated Purge: (Y/N) N

Calibration ID: 20611

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.73		
UPPER LIMIT				10.83		
LOWER LIMIT				10.63		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-152113/3		03/21/2013 07:31	of200909.d	10.73		
460-52450-45	FB_031513	03/21/2013 08:39	of200912.d	10.73		
LCSD 460-151921/3-A		03/21/2013 09:12	of200914.d	10.73		
LCS 460-151921/2-A		03/21/2013 09:28	of200915.d	10.73		
MB 460-151921/1-A		03/21/2013 10:00	of200917.d	10.73		
CCV 460-152113/22		03/21/2013 13:02	of200928.d	10.73		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-152113/3 Date Analyzed: 03/21/2013 07:31

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or200909.d Heated Purge: (Y/N) N

Calibration ID: 20603

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.00		
UPPER LIMIT				9.10		
LOWER LIMIT				8.90		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-152113/3		03/21/2013 07:31	or200909.d	9.00		
460-52450-45	FB_031513	03/21/2013 08:39	or200912.d	9.00		
LCSD 460-151921/3-A		03/21/2013 09:12	or200914.d	9.00		
LCS 460-151921/2-A		03/21/2013 09:28	or200915.d	9.00		
MB 460-151921/1-A		03/21/2013 10:00	or200917.d	9.00		
CCV 460-152113/22		03/21/2013 13:02	or200928.d	9.00		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151726/2 Date Analyzed: 03/18/2013 21:18

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf093639.d Heated Purge: (Y/N) N

Calibration ID: 20707

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.60		
UPPER LIMIT				11.70		
LOWER LIMIT				11.50		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151726/2		03/18/2013 21:18	qf093639.d	11.60		
MB 460-151512/1-A		03/18/2013 21:35	qf093640.d	11.60		
LCS 460-151512/2-A		03/18/2013 21:54	qf093641.d	11.60		
460-52450-9 MS	PMP-4-NE-VS MS	03/18/2013 22:10	qf093642.d	11.59		
460-52450-9 MSD	PMP-4-NE-VS MSD	03/18/2013 22:27	qf093643.d	11.60		
460-52450-9	PMP-4-NE-VS	03/18/2013 22:44	qf093644.d	11.61		
460-52450-10	PMP-4-NE-VD	03/18/2013 23:01	qf093645.d	11.61		
460-52450-12	PMP-22-NE-VD	03/18/2013 23:35	qf093647.d	11.60		
460-52450-13	PMP-22-NE-WT	03/18/2013 23:52	qf093648.d	11.61		
460-52450-14	PMP-6-NE-VD	03/19/2013 00:09	qf093649.d	11.61		
460-52450-17	PMP-5-NE-VD	03/19/2013 00:59	qf093652.d	11.60		
460-52450-23	PMP-10-NE-VD	03/19/2013 02:40	qf093658.d	11.60		
460-52450-24	PMP-10-NE-WT	03/19/2013 02:57	qf093659.d	11.60		
460-52450-25	PMP-10-NE-SI	03/19/2013 03:14	qf093660.d	11.60		
460-52450-26	PMP-10-NE-SD	03/19/2013 03:31	qf093661.d	11.60		
460-52450-27	PMP-9-NE-VD	03/19/2013 03:48	qf093662.d	11.60		
CCV 460-151726/28		03/19/2013 04:39	qf093665.d	11.60		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151726/2 Date Analyzed: 03/18/2013 21:18

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr093639.d Heated Purge: (Y/N) N

Calibration ID: 20715

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.52		
UPPER LIMIT				10.62		
LOWER LIMIT				10.42		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151726/2		03/18/2013 21:18	qr093639.d	10.52		
MB 460-151512/1-A		03/18/2013 21:35	qr093640.d	10.52		
LCS 460-151512/2-A		03/18/2013 21:54	qr093641.d	10.52		
460-52450-9 MS	PMP-4-NE-VS MS	03/18/2013 22:10	qr093642.d	10.52		
460-52450-9 MSD	PMP-4-NE-VS MSD	03/18/2013 22:27	qr093643.d	10.52		
460-52450-9	PMP-4-NE-VS	03/18/2013 22:44	qr093644.d	10.52		
460-52450-10	PMP-4-NE-VD	03/18/2013 23:01	qr093645.d	10.52		
460-52450-12	PMP-22-NE-VD	03/18/2013 23:35	qr093647.d	10.52		
460-52450-13	PMP-22-NE-WT	03/18/2013 23:52	qr093648.d	10.52		
460-52450-14	PMP-6-NE-VD	03/19/2013 00:09	qr093649.d	10.52		
460-52450-17	PMP-5-NE-VD	03/19/2013 00:59	qr093652.d	10.52		
460-52450-23	PMP-10-NE-VD	03/19/2013 02:40	qr093658.d	10.52		
460-52450-24	PMP-10-NE-WT	03/19/2013 02:57	qr093659.d	10.52		
460-52450-25	PMP-10-NE-SI	03/19/2013 03:14	qr093660.d	10.52		
460-52450-26	PMP-10-NE-SD	03/19/2013 03:31	qr093661.d	10.52		
460-52450-27	PMP-9-NE-VD	03/19/2013 03:48	qr093662.d	10.52		
CCV 460-151726/28		03/19/2013 04:39	qr093665.d	10.52		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151716/3 Date Analyzed: 03/19/2013 07:52

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf093670.d Heated Purge: (Y/N) N

Calibration ID: 20707

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.60		
UPPER LIMIT				11.70		
LOWER LIMIT				11.50		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151716/3		03/19/2013 07:52	qf093670.d	11.60		
460-52450-2	PMP-21-NE-WT	03/19/2013 08:25	qf093671.d	11.62		
460-52450-3	PMP-21-NE-SI	03/19/2013 08:42	qf093672.d	11.61		
460-52450-6	PMP-8-NE-VS	03/19/2013 08:58	qf093673.d	11.60		
460-52450-42	PMP-28-NE-WT	03/19/2013 09:14	qf093674.d	0.00		
CCV 460-151716/11		03/19/2013 10:20	qf093678.d	11.60		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151716/3 Date Analyzed: 03/19/2013 07:52

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr093670.d Heated Purge: (Y/N) N

Calibration ID: 20715

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.51		
UPPER LIMIT				10.61		
LOWER LIMIT				10.41		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151716/3		03/19/2013 07:52	qr093670.d	10.51		
460-52450-2	PMP-21-NE-WT	03/19/2013 08:25	qr093671.d	10.52		
460-52450-3	PMP-21-NE-SI	03/19/2013 08:42	qr093672.d	10.52		
460-52450-6	PMP-8-NE-VS	03/19/2013 08:58	qr093673.d	10.52		
460-52450-42	PMP-28-NE-WT	03/19/2013 09:14	qr093674.d	0.00		
CCV 460-151716/11		03/19/2013 10:20	qr093678.d	10.52		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151722/2 Date Analyzed: 03/19/2013 10:20

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf093678.d Heated Purge: (Y/N) N

Calibration ID: 20707

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.60		
UPPER LIMIT				11.70		
LOWER LIMIT				11.50		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151722/2		03/19/2013 10:20	qf093678.d	11.60		
460-52450-11	PMP-22-NE-VS	03/19/2013 10:44	qf093679.d	0.00		
460-52450-15	PMP-6-NE-WT	03/19/2013 11:01	qf093680.d	11.62		
460-52450-16	PMP-6-NE-SI	03/19/2013 11:18	qf093681.d	11.61		
460-52450-18	PMP-5-NE-WT	03/19/2013 11:35	qf093682.d	0.00		
460-52450-19	PMP-5-NE-SI	03/19/2013 11:52	qf093683.d	11.61		
460-52450-21	PMP-7-NE-WT	03/19/2013 12:26	qf093685.d	0.00		
460-52450-22	PMP-7-NE-SI	03/19/2013 12:44	qf093686.d	0.00		
460-52450-28	PMP-9-NE-WT	03/19/2013 13:01	qf093687.d	0.00		
460-52450-20	PMP-7-NE-VD	03/19/2013 13:22	qf093688.d	0.00		
CCV 460-151722/14		03/19/2013 13:54	qf093690.d	11.60		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151722/2 Date Analyzed: 03/19/2013 10:20

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr093678.d Heated Purge: (Y/N) N

Calibration ID: 20715

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.52		
UPPER LIMIT				10.62		
LOWER LIMIT				10.42		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151722/2		03/19/2013 10:20	qr093678.d	10.52		
460-52450-11	PMP-22-NE-VS	03/19/2013 10:44	qr093679.d	0.00		
460-52450-15	PMP-6-NE-WT	03/19/2013 11:01	qr093680.d	10.52		
460-52450-16	PMP-6-NE-SI	03/19/2013 11:18	qr093681.d	10.52		
460-52450-18	PMP-5-NE-WT	03/19/2013 11:35	qr093682.d	0.00		
460-52450-19	PMP-5-NE-SI	03/19/2013 11:52	qr093683.d	10.52		
460-52450-21	PMP-7-NE-WT	03/19/2013 12:26	qr093685.d	0.00		
460-52450-22	PMP-7-NE-SI	03/19/2013 12:44	qr093686.d	0.00		
460-52450-28	PMP-9-NE-WT	03/19/2013 13:01	qr093687.d	0.00		
460-52450-20	PMP-7-NE-VD	03/19/2013 13:22	qr093688.d	0.00		
CCV 460-151722/14		03/19/2013 13:54	qr093690.d	10.52		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151625/3 Date Analyzed: 03/18/2013 13:58

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf483952.d Heated Purge: (Y/N) N

Calibration ID: 20466

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.65		
UPPER LIMIT				11.75		
LOWER LIMIT				11.55		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151625/3		03/18/2013 13:58	vf483952.d	11.65		
MB 460-151527/1-A		03/18/2013 14:27	vf483953.d	11.66		
LCS 460-151527/2-A		03/18/2013 14:43	vf483954.d	11.65		
460-52450-30	PMP-13-NE-VD	03/18/2013 15:48	vf483958.d	11.65		
460-52450-32	PMP-13-NE-SI	03/18/2013 16:20	vf483960.d	11.65		
460-52450-33	PMP-13-NE-SD	03/18/2013 16:36	vf483961.d	11.65		
460-52450-34	PMP-16-NE-VD	03/18/2013 16:52	vf483962.d	11.65		
460-52450-36	PMP-16-NE-SI	03/18/2013 17:24	vf483964.d	11.64		
460-52450-37	PMP-15-NE-VD	03/18/2013 17:40	vf483965.d	11.65		
460-52450-38	PMP-15-NE-WT	03/18/2013 17:56	vf483966.d	11.65		
460-52450-39	PMP-15-NE-SI	03/18/2013 18:12	vf483967.d	11.65		
CCV 460-151625/28		03/18/2013 21:09	vf483978.d	11.64		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151625/3 Date Analyzed: 03/18/2013 13:58

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr483952.d Heated Purge: (Y/N) N

Calibration ID: 20472

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.64		
UPPER LIMIT				10.74		
LOWER LIMIT				10.54		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151625/3		03/18/2013 13:58	vr483952.d	10.64		
MB 460-151527/1-A		03/18/2013 14:27	vr483953.d	10.64		
LCS 460-151527/2-A		03/18/2013 14:43	vr483954.d	10.64		
460-52450-30	PMP-13-NE-VD	03/18/2013 15:48	vr483958.d	10.64		
460-52450-32	PMP-13-NE-SI	03/18/2013 16:20	vr483960.d	10.64		
460-52450-33	PMP-13-NE-SD	03/18/2013 16:36	vr483961.d	10.64		
460-52450-34	PMP-16-NE-VD	03/18/2013 16:52	vr483962.d	10.64		
460-52450-36	PMP-16-NE-SI	03/18/2013 17:24	vr483964.d	10.64		
460-52450-37	PMP-15-NE-VD	03/18/2013 17:40	vr483965.d	10.64		
460-52450-38	PMP-15-NE-WT	03/18/2013 17:56	vr483966.d	10.64		
460-52450-39	PMP-15-NE-SI	03/18/2013 18:12	vr483967.d	10.64		
CCV 460-151625/28		03/18/2013 21:09	vr483978.d	10.64		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151721/2 Date Analyzed: 03/19/2013 16:28

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf484005.d Heated Purge: (Y/N) N

Calibration ID: 20466

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.65		
UPPER LIMIT				11.75		
LOWER LIMIT				11.55		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151721/2		03/19/2013 16:28	vf484005.d	11.65		
460-52450-29 MS	PMP-9-NE-SI MS	03/19/2013 16:44	vf484006.d	0.00		
460-52450-29 MSD	PMP-9-NE-SI MSD	03/19/2013 17:00	vf484007.d	0.00		
460-52450-29	PMP-9-NE-SI	03/19/2013 17:16	vf484008.d	0.00		
460-52450-31	PMP-13-NE-WT	03/19/2013 17:32	vf484009.d	0.00		
460-52450-40	PMP-15-NE-SD	03/19/2013 18:05	vf484011.d	0.00		
CCV 460-151721/18		03/19/2013 20:46	vf484021.d	11.65		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Sample No.: CCVRT 460-151721/2 Date Analyzed: 03/19/2013 16:28

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr484005.d Heated Purge: (Y/N) N

Calibration ID: 20472

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.64		
UPPER LIMIT				10.74		
LOWER LIMIT				10.54		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-151721/2		03/19/2013 16:28	vr484005.d	10.64		
460-52450-29 MS	PMP-9-NE-SI MS	03/19/2013 16:44	vr484006.d	0.00		
460-52450-29 MSD	PMP-9-NE-SI MSD	03/19/2013 17:00	vr484007.d	0.00		
460-52450-29	PMP-9-NE-SI	03/19/2013 17:16	vr484008.d	0.00		
460-52450-31	PMP-13-NE-WT	03/19/2013 17:32	vr484009.d	0.00		
460-52450-40	PMP-15-NE-SD	03/19/2013 18:05	vr484011.d	0.00		
CCV 460-151721/18		03/19/2013 20:46	vr484021.d	10.64		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT Lab Sample ID: 460-52450-2

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 08:25 Date Analyzed (2): 03/19/2013 08:25

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	
Aroclor 1248	1	3	3.32	3.24	3.38	2190	1900	6.3
		4	3.50	3.42	3.56	1790		
		5	3.86	3.78	3.92	2030		
		6	4.00	3.93	4.07	1940		
		7	4.43	4.35	4.49	1960		
		8	4.94	4.87	5.01	1760		
	2	4	5.14	5.04	5.18	1690	1800	
		5	5.60	5.50	5.64	1800		
		6	5.81	5.71	5.85	2070		
		7	6.25	6.15	6.29	1760		
		8	6.32	6.22	6.36	1820		
Aroclor 1260	1	1	5.89	5.82	5.96	273	220	7.2
		2	6.34	6.27	6.41	238		
		3	6.77	6.70	6.84	233		
		4	6.97	6.90	7.04	162		
		5	7.39	7.32	7.46	204		
		6	8.62	8.55	8.69	198		
		7	8.83	8.76	8.90	207		
		8	9.98	9.91	10.05	206		
	2	2	8.29	8.21	8.35	214	200	
		3	9.18	9.09	9.23	191		
		4	9.42	9.33	9.47	210		
		5	9.53	9.45	9.59	193		
		6	9.98	9.89	10.03	194		
		7	10.67	10.59	10.73	218		
		8	11.16	11.08	11.22	180		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI Lab Sample ID: 460-52450-3

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 08:42 Date Analyzed (2): 03/19/2013 08:42

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	
Aroclor 1248	1	1	2.40	2.33	2.47	2910	2900	12.9
		3	3.25	3.24	3.38	3560		
		4	3.48	3.42	3.56	2400		
		5	3.85	3.78	3.92	2900		
		6	4.00	3.93	4.07	3270		
		7	4.42	4.35	4.49	2500		
		8	4.93	4.87	5.01	2550		
	2	1	3.68	3.59	3.73	2670	2500	
		4	5.12	5.04	5.18	2380		
		5	5.58	5.50	5.64	2540		
		6	5.79	5.71	5.85	3050		
		7	6.23	6.15	6.29	1870		
		8	6.30	6.22	6.36	2620		
Aroclor 1260	1	1	5.88	5.82	5.96	166	130	20.7
		2	6.33	6.27	6.41	185		
		3	6.77	6.70	6.84	170		
		4	6.97	6.90	7.04	72.6		
		5	7.38	7.32	7.46	113		
		6	8.61	8.55	8.69	103		
		7	8.83	8.76	8.90	109		
		8	9.98	9.91	10.05	120		
	2	2	8.28	8.21	8.35	129	110	
		3	9.16	9.09	9.23	110		
		4	9.40	9.33	9.47	97.5		
		5	9.51	9.45	9.59	83.9		
		6	9.96	9.89	10.03	100		
		7	10.66	10.59	10.73	96.1		
		8	11.15	11.08	11.22	122		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS Lab Sample ID: 460-52450-5

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/18/2013 15:31 Date Analyzed (2): 03/18/2013 15:31

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	
Aroclor 1248	1	1	2.41	2.33	2.47	22.3	71	24.2
		2	2.85	2.77	2.91	86.5		
		3	3.04	2.96	3.10	106		
		4	3.19	3.11	3.25	73.2		
		5	3.41	3.33	3.47	75.3		
		6	3.50	3.42	3.56	75.0		
		7	3.77	3.70	3.84	64.7		
		8	4.12	4.04	4.18	67.6		
	2	1	3.61	3.52	3.66	25.4	91	
		2	4.15	4.07	4.21	101		
		3	4.45	4.38	4.52	166		
		4	4.57	4.49	4.63	90.2		
		5	4.91	4.84	4.98	72.8		
		6	5.07	5.00	5.14	68.2		
		7	5.40	5.32	5.46	95.2		
		8	5.46	5.38	5.52	108		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS Lab Sample ID: 460-52450-6

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 08:58 Date Analyzed (2): 03/19/2013 08:58

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	
Aroclor 1248	1	4	3.49	3.42	3.56	2600	2800	3.3
		5	3.85	3.78	3.92	2970		
		6	4.00	3.93	4.07	2940		
		7	4.42	4.35	4.49	2680		
		8	4.93	4.87	5.01	2580		
	2	4	5.11	5.04	5.18	2450	2700	
		5	5.57	5.50	5.64	2550		
		6	5.78	5.71	5.85	3150		
		7	6.22	6.15	6.29	2540		
		8	6.29	6.22	6.36	2620		
Aroclor 1260	1	4	6.96	6.90	7.04	212	250	11.9
		5	7.38	7.32	7.46	278		
		6	8.61	8.55	8.69	233		
		7	8.82	8.76	8.90	268		
		8	9.98	9.91	10.05	259		
	2	4	9.39	9.33	9.47	246	220	
		5	9.51	9.45	9.59	213		
		6	9.96	9.89	10.03	203		
		7	10.66	10.59	10.73	245		
		8	11.14	11.08	11.22	203		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS Lab Sample ID: 460-52450-9

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/18/2013 22:44 Date Analyzed (2): 03/18/2013 22:44

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	
Aroclor 1248	1	1	2.41	2.33	2.47	1650	1200	5.8
		3	3.26	3.24	3.38	1120		
		4	3.50	3.42	3.56	1150		
		5	3.86	3.78	3.92	1270		
		6	4.00	3.93	4.07	1460		
		7	4.43	4.35	4.49	1070		
		8	4.94	4.87	5.01	1020		
	2	1	3.68	3.59	3.73	1550	1200	
		4	5.12	5.04	5.18	1050		
		5	5.58	5.50	5.64	1130		
		6	5.79	5.71	5.85	1450		
		7	6.23	6.15	6.29	711		
		8	6.30	6.22	6.36	1170		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS MS Lab Sample ID: 460-52450-9 MS

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/18/2013 22:10 Date Analyzed (2): 03/18/2013 22:10

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	
Aroclor 1016	1	1	1.98	1.90	2.04	374	1410	3.8
		2	2.41	2.33	2.47	953		
		3	2.64	2.58	2.72	1550		
		4	3.00	2.92	3.06	1510		
		5	3.19	3.11	3.25	877		
		6	3.50	3.42	3.56	1800		
		7	3.86	3.79	3.93	1890		
		8	4.00	3.94	4.08	2310		
	2	1	2.96	2.90	3.04	417	1460	
		2	3.67	3.60	3.74	1020		
		3	4.10	4.04	4.18	712		
		4	4.74	4.68	4.82	880		
		5	4.93	4.86	5.00	1850		
		6	5.18	5.12	5.26	2180		
		7	5.57	5.51	5.65	1960		
		8	5.78	5.72	5.86	2680		
Aroclor 1260	1	1	5.88	5.82	5.96	385	372	16.1
		2	6.33	6.27	6.41	335		
		3	6.77	6.70	6.84	354		
		4	6.96	6.90	7.04	412		
		5	7.38	7.32	7.46	377		
		6	8.61	8.55	8.69	344		
		7	8.82	8.76	8.90	397		
		8	9.98	9.91	10.05	375		
	2	1	7.81	7.75	7.89	475	438	
		2	8.27	8.21	8.35	392		
		3	9.15	9.09	9.23	328		
		4	9.39	9.33	9.47	432		
		5	9.51	9.45	9.59	399		
		6	9.96	9.89	10.03	418		
		7	10.66	10.59	10.73	611		
		8	11.14	11.08	11.22	444		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS MSD Lab Sample ID: 460-52450-9 MSD

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/18/2013 22:27 Date Analyzed (2): 03/18/2013 22:27

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	
Aroclor 1016	1	1	1.97	1.90	2.04	396	1380	16.2
		2	2.40	2.33	2.47	958		
		3	2.63	2.58	2.72	1540		
		4	2.99	2.92	3.06	1470		
		5	3.18	3.11	3.25	877		
		6	3.49	3.42	3.56	1540		
		7	3.85	3.79	3.93	1850		
		8	4.00	3.94	4.08	2400		
	2	1	2.97	2.90	3.04	433	1620	
		2	3.67	3.60	3.74	1020		
		3	4.05	4.04	4.18	2420		
		4	4.75	4.68	4.82	873		
		5	4.93	4.86	5.00	1810		
		6	5.19	5.12	5.26	2020		
		7	5.58	5.51	5.65	1900		
		8	5.79	5.72	5.86	2490		
Aroclor 1260	1	1	5.88	5.82	5.96	423	391	13.1
		2	6.33	6.27	6.41	383		
		3	6.77	6.70	6.84	358		
		4	6.96	6.90	7.04	426		
		5	7.38	7.32	7.46	389		
		6	8.61	8.55	8.69	356		
		7	8.83	8.76	8.90	417		
		8	9.98	9.91	10.05	376		
	2	1	7.82	7.75	7.89	417	446	
		2	8.27	8.21	8.35	407		
		3	9.16	9.09	9.23	355		
		4	9.39	9.33	9.47	455		
		5	9.51	9.45	9.59	418		
		6	9.96	9.89	10.03	434		
		7	10.66	10.59	10.73	615		
		8	11.15	11.08	11.22	466		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD Lab Sample ID: 460-52450-10

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/18/2013 23:01 Date Analyzed (2): 03/18/2013 23:01

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	
Aroclor 1248	1	1	2.40	2.33	2.47	279	240	15.2
		2	3.00	2.91	3.05	401		
		3	3.26	3.24	3.38	190		
		4	3.49	3.42	3.56	200		
		5	3.86	3.78	3.92	235		
		6	4.00	3.93	4.07	255		
		7	4.43	4.35	4.49	182		
		8	4.94	4.87	5.01	188		
	2	1	3.68	3.59	3.73	276	280	
		2	4.51	4.42	4.56	435		
		3	4.94	4.86	5.00	521		
		4	5.12	5.04	5.18	197		
		5	5.58	5.50	5.64	228		
		6	5.79	5.71	5.85	250		
		7	6.23	6.15	6.29	130		
		8	6.30	6.22	6.36	211		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS Lab Sample ID: 460-52450-11

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 10:44 Date Analyzed (2): 03/19/2013 10:44

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	
Aroclor 1248	1	1	2.40	2.33	2.47	4550	6300	19.7
		4	3.50	3.42	3.56	6130		
		5	3.86	3.78	3.92	6950		
		6	4.00	3.93	4.07	7850		
		7	4.43	4.35	4.49	6650		
		8	4.94	4.87	5.01	5710		
	2	1	3.69	3.59	3.73	3560	5200	
		4	5.13	5.04	5.18	5220		
		5	5.59	5.50	5.64	5880		
		6	5.80	5.71	5.85	7440		
		7	6.24	6.15	6.29	3140		
		8	6.32	6.22	6.36	5800		
Aroclor 1260	1	4	6.97	6.90	7.04	204	240	5.1
		5	7.39	7.32	7.46	328		
		6	8.62	8.55	8.69	228		
		7	8.83	8.76	8.90	233		
		8	9.99	9.91	10.05	232		
	2	2	8.29	8.21	8.35	369	260	
		3	9.18	9.09	9.23	296		
		4	9.41	9.33	9.47	289		
		5	9.53	9.45	9.59	274		
		6	9.97	9.89	10.03	196		
		7	10.67	10.59	10.73	204		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD Lab Sample ID: 460-52450-12

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/18/2013 23:35 Date Analyzed (2): 03/18/2013 23:35

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	
Aroclor 1248	1	1	2.40	2.33	2.47	51.0	79	2.6
		2	3.00	2.91	3.05	143		
		3	3.26	3.24	3.38	83.8		
		4	3.50	3.42	3.56	70.1		
		5	3.86	3.78	3.92	76.9		
		6	4.00	3.93	4.07	84.4		
		7	4.43	4.35	4.49	63.7		
		8	4.94	4.87	5.01	61.8		
	2	1	3.68	3.59	3.73	44.8	77	
		2	4.51	4.42	4.56	139		
		3	4.94	4.86	5.00	167		
		4	5.12	5.04	5.18	52.6		
		5	5.58	5.50	5.64	68.8		
		6	5.79	5.71	5.85	65.7		
		7	6.23	6.15	6.29	25.8		
		8	6.30	6.22	6.36	54.2		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT Lab Sample ID: 460-52450-15

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 11:01 Date Analyzed (2): 03/19/2013 11:01

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	
Aroclor 1242	1	1	1.96	1.91	2.05	2800	4000	2.3
		2	2.40	2.34	2.48	3760		
		3	2.64	2.58	2.72	4080		
		4	2.99	2.92	3.06	3950		
		5	3.17	3.11	3.25	3700		
		6	3.49	3.43	3.57	4000		
		7	3.85	3.79	3.93	4350		
		8	4.93	4.87	5.01	5350		
	2	1	2.97	2.90	3.04	2900	3900	
		2	3.66	3.59	3.73	3820		
		3	4.11	4.04	4.18	4030		
		4	4.50	4.43	4.57	3970		
		5	4.75	4.68	4.82	3550		
		6	5.12	5.04	5.18	4250		
		7	5.79	5.71	5.85	4550		
		8	6.30	6.23	6.37	4200		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI Lab Sample ID: 460-52450-16

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 11:18 Date Analyzed (2): 03/19/2013 11:18

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	
Aroclor 1242	1	1	1.96	1.91	2.05	4610	4800	9.7
		2	2.40	2.34	2.48	4670		
		3	2.64	2.58	2.72	4540		
		4	2.98	2.92	3.06	4700		
		5	3.17	3.11	3.25	4990		
		6	3.49	3.43	3.57	4040		
		7	3.85	3.79	3.93	5050		
		8	4.93	4.87	5.01	5720		
	2	1	2.97	2.90	3.04	5140	5300	
		2	3.66	3.59	3.73	5140		
		3	4.11	4.04	4.18	5760		
		4	4.50	4.43	4.57	4960		
		5	4.75	4.68	4.82	5130		
		6	5.12	5.04	5.18	5110		
		7	5.79	5.71	5.85	5780		
		8	6.30	6.23	6.37	5190		
Aroclor 1260	1	5	7.38	7.32	7.46	199	180	8.8
		6	8.61	8.55	8.69	202		
		7	8.82	8.76	8.90	223		
		8	9.98	9.91	10.05	173		
	2	1	7.76	7.75	7.89	371	200	
		2	8.28	8.21	8.35	220		
		3	9.16	9.09	9.23	142		
		4	9.40	9.33	9.47	136		
		5	9.51	9.45	9.59	203		
		6	9.96	9.89	10.03	195		
		7	10.66	10.59	10.73	187		
		8	11.15	11.08	11.22	112		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT Lab Sample ID: 460-52450-18

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 11:35 Date Analyzed (2): 03/19/2013 11:35

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	
Aroclor 1242	1	1	1.96	1.91	2.05	26500	28000	17.2
		2	2.40	2.34	2.48	27600		
		3	2.64	2.58	2.72	26800		
		4	2.98	2.92	3.06	28200		
		5	3.17	3.11	3.25	29500		
		6	3.49	3.43	3.57	24400		
		7	3.85	3.79	3.93	30500		
	2	1	2.96	2.90	3.04	32100	33000	
		2	3.66	3.59	3.73	31800		
		3	4.11	4.04	4.18	34800		
		4	4.50	4.43	4.57	30800		
		5	4.75	4.68	4.82	31700		
		6	5.11	5.04	5.18	31600		
		7	5.79	5.71	5.85	34300		
		8	6.30	6.23	6.37	35600		
Aroclor 1260	1	1	5.88	5.82	5.96	8270	8300	2.7
		2	6.33	6.27	6.41	7770		
		3	6.76	6.70	6.84	7650		
		4	6.96	6.90	7.04	8790		
		5	7.38	7.32	7.46	8360		
		6	8.61	8.55	8.69	8050		
		7	8.82	8.76	8.90	9130		
		8	9.97	9.91	10.05	8110		
	2	1	7.81	7.75	7.89	7530	8500	
		2	8.27	8.21	8.35	8070		
		3	9.15	9.09	9.23	7940		
		4	9.39	9.33	9.47	9110		
		5	9.51	9.45	9.59	8770		
		6	9.96	9.89	10.03	8790		
		7	10.66	10.59	10.73	8560		
		8	11.15	11.08	11.22	9170		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI Lab Sample ID: 460-52450-19

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 11:52 Date Analyzed (2): 03/19/2013 11:52

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	
Aroclor 1242	1	1	1.96	1.91	2.05	3790	4200	8.2
		2	2.40	2.34	2.48	4110		
		3	2.64	2.58	2.72	4030		
		4	2.98	2.92	3.06	4170		
		5	3.17	3.11	3.25	4380		
		6	3.49	3.43	3.57	3600		
		7	3.85	3.79	3.93	4420		
		8	4.93	4.87	5.01	5270		
	2	1	2.96	2.90	3.04	4450	4600	
		2	3.66	3.59	3.73	4500		
		3	4.11	4.04	4.18	4920		
		4	4.50	4.43	4.57	4410		
		5	4.75	4.68	4.82	4510		
		6	5.11	5.04	5.18	4480		
		7	5.79	5.71	5.85	4610		
		8	6.30	6.23	6.37	4750		
Aroclor 1260	1	1	5.88	5.82	5.96	1120	1100	5.5
		2	6.33	6.27	6.41	1030		
		3	6.76	6.70	6.84	1000		
		4	6.96	6.90	7.04	1050		
		5	7.38	7.32	7.46	1070		
		6	8.61	8.55	8.69	1000		
		7	8.82	8.76	8.90	1170		
		8	9.98	9.91	10.05	1030		
	2	1	7.81	7.75	7.89	935	1000	
		2	8.27	8.21	8.35	995		
		3	9.15	9.09	9.23	881		
		4	9.39	9.33	9.47	1060		
		5	9.51	9.45	9.59	1000		
		6	9.96	9.89	10.03	1010		
		7	10.66	10.59	10.73	1110		
		8	11.15	11.08	11.22	1020		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD Lab Sample ID: 460-52450-20

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 13:22 Date Analyzed (2): 03/19/2013 13:22

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	
Aroclor 1242	1	1	1.96	1.91	2.05	19400	44000	3.2
		2	2.40	2.34	2.48	47700		
		3	2.64	2.58	2.72	48300		
		4	2.98	2.92	3.06	48200		
		5	3.17	3.11	3.25	41800		
		6	3.49	3.43	3.57	46900		
		7	3.85	3.79	3.93	48300		
		8	4.94	4.87	5.01	52400		
	2	1	2.97	2.90	3.04	22000	46000	
		2	3.67	3.59	3.73	48700		
		3	4.12	4.04	4.18	52200		
		4	4.51	4.43	4.57	48700		
		5	4.76	4.68	4.82	40900		
		6	5.12	5.04	5.18	47300		
		7	5.80	5.71	5.85	53700		
		8	6.31	6.23	6.37	50800		
Aroclor 1260	1	1	5.88	5.82	5.96	4990	4700	7.9
		2	6.33	6.27	6.41	4990		
		3	6.77	6.70	6.84	4900		
		4	6.96	6.90	7.04	4830		
		5	7.38	7.32	7.46	4900		
		6	8.61	8.55	8.69	3860		
		7	8.83	8.76	8.90	4730		
		8	9.98	9.91	10.05	4570		
	2	2	8.28	8.21	8.35	4790	4400	
		3	9.17	9.09	9.23	4240		
		4	9.40	9.33	9.47	4590		
		5	9.52	9.45	9.59	4210		
		6	9.97	9.89	10.03	3990		
		7	10.66	10.59	10.73	4680		
		8	11.15	11.08	11.22	4020		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT Lab Sample ID: 460-52450-21

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 12:26 Date Analyzed (2): 03/19/2013 12:26

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	
Aroclor 1242	1	1	1.96	1.91	2.05	138000	150000	9.3
		2	2.40	2.34	2.48	147000		
		3	2.64	2.58	2.72	144000		
		4	2.98	2.92	3.06	150000		
		5	3.17	3.11	3.25	155000		
		6	3.48	3.43	3.57	130000		
		7	3.85	3.79	3.93	156000		
		8	4.93	4.87	5.01	175000		
	2	1	2.96	2.90	3.04	152000	160000	
		2	3.66	3.59	3.73	163000		
		3	4.11	4.04	4.18	173000		
		4	4.50	4.43	4.57	159000		
		5	4.75	4.68	4.82	162000		
		6	5.11	5.04	5.18	157000		
		7	5.79	5.71	5.85	172000		
		8	6.30	6.23	6.37	173000		
Aroclor 1260	1	1	5.88	5.82	5.96	19000	18000	1.4
		2	6.33	6.27	6.41	18300		
		3	6.76	6.70	6.84	18400		
		4	6.96	6.90	7.04	20300		
		5	7.38	7.32	7.46	18400		
		6	8.61	8.55	8.69	15600		
		7	8.82	8.76	8.90	17600		
		8	9.98	9.91	10.05	17900		
	2	2	8.27	8.21	8.35	18500	18000	
		3	9.15	9.09	9.23	17600		
		4	9.39	9.33	9.47	18500		
		5	9.51	9.45	9.59	16700		
		6	9.96	9.89	10.03	17900		
		7	10.66	10.59	10.73	19200		
		8	11.15	11.08	11.22	17300		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI Lab Sample ID: 460-52450-22

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 12:44 Date Analyzed (2): 03/19/2013 12:44

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	
Aroclor 1242	1	1	1.96	1.91	2.05	68100	73000	8.8
		2	2.40	2.34	2.48	72000		
		3	2.64	2.58	2.72	69800		
		4	2.98	2.92	3.06	73100		
		5	3.17	3.11	3.25	75900		
		6	3.49	3.43	3.57	63200		
		7	3.85	3.79	3.93	75400		
		8	4.93	4.87	5.01	83800		
	2	1	2.97	2.90	3.04	73700	79000	
		2	3.66	3.59	3.73	78300		
		3	4.11	4.04	4.18	82900		
		4	4.50	4.43	4.57	77300		
		5	4.75	4.68	4.82	79300		
		6	5.12	5.04	5.18	76500		
		7	5.79	5.71	5.85	86100		
		8	6.30	6.23	6.37	81100		
Aroclor 1260	1	1	5.88	5.82	5.96	9490	9100	3.5
		2	6.33	6.27	6.41	9170		
		3	6.77	6.70	6.84	9230		
		4	6.96	6.90	7.04	10100		
		5	7.38	7.32	7.46	9330		
		6	8.61	8.55	8.69	7960		
		7	8.83	8.76	8.90	8920		
		8	9.98	9.91	10.05	8570		
	2	2	8.27	8.21	8.35	9180	8800	
		3	9.16	9.09	9.23	8710		
		4	9.39	9.33	9.47	9190		
		5	9.51	9.45	9.59	8450		
		6	9.96	9.89	10.03	8320		
		7	10.66	10.59	10.73	9100		
		8	11.15	11.08	11.22	8540		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD Lab Sample ID: 460-52450-23

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 02:40 Date Analyzed (2): 03/19/2013 02:40

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	
Aroclor 1242	1	1	1.96	1.91	2.05	147	140	4.4
		2	2.40	2.34	2.48	149		
		3	2.64	2.58	2.72	138		
		4	2.98	2.92	3.06	175		
		5	3.17	3.11	3.25	145		
		6	3.49	3.43	3.57	118		
		7	3.85	3.79	3.93	137		
		8	4.94	4.87	5.01	147		
	2	1	2.97	2.90	3.04	154	140	
		2	3.66	3.59	3.73	133		
		3	4.11	4.04	4.18	153		
		4	4.50	4.43	4.57	157		
		5	4.75	4.68	4.82	148		
		6	5.12	5.04	5.18	120		
		7	5.79	5.71	5.85	115		
		8	6.30	6.23	6.37	128		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT Lab Sample ID: 460-52450-24

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 02:57 Date Analyzed (2): 03/19/2013 02:57

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	
Aroclor 1242	1	1	1.97	1.91	2.05	148	150	8.8
		2	2.40	2.34	2.48	149		
		3	2.64	2.58	2.72	142		
		4	2.99	2.92	3.06	179		
		5	3.17	3.11	3.25	147		
		6	3.49	3.43	3.57	114		
		7	3.85	3.79	3.93	139		
		8	4.94	4.87	5.01	156		
	2	1	2.97	2.90	3.04	140	130	
		2	3.67	3.59	3.73	130		
		3	4.11	4.04	4.18	128		
		4	4.50	4.43	4.57	158		
		5	4.75	4.68	4.82	148		
		6	5.12	5.04	5.18	123		
		7	5.79	5.71	5.85	116		
		8	6.30	6.23	6.37	130		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI Lab Sample ID: 460-52450-25

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 03:14 Date Analyzed (2): 03/19/2013 03:14

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	
Aroclor 1242	1	1	1.97	1.91	2.05	109	110	11.2
		2	2.40	2.34	2.48	109		
		3	2.64	2.58	2.72	100		
		4	2.99	2.92	3.06	142		
		5	3.17	3.11	3.25	110		
		6	3.49	3.43	3.57	87.6		
		7	3.85	3.79	3.93	105		
		8	4.94	4.87	5.01	114		
	2	1	2.97	2.90	3.04	108	98	
		2	3.67	3.59	3.73	84.6		
		3	4.11	4.04	4.18	86.8		
		4	4.50	4.43	4.57	120		
		5	4.75	4.68	4.82	107		
		6	5.12	5.04	5.18	91.8		
		7	5.79	5.71	5.85	88.7		
		8	6.30	6.23	6.37	96.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD Lab Sample ID: 460-52450-26

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 03:31 Date Analyzed (2): 03/19/2013 03:31

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	
Aroclor 1242	1	1	1.97	1.91	2.05	75.9	75	8.0
		2	2.40	2.34	2.48	74.6		
		3	2.64	2.58	2.72	66.9		
		4	2.99	2.92	3.06	104		
		5	3.17	3.11	3.25	78.1		
		6	3.49	3.43	3.57	55.8		
		7	3.85	3.79	3.93	68.2		
		8	4.94	4.87	5.01	75.6		
	2	1	2.97	2.90	3.04	83.1	69	
		2	3.67	3.59	3.73	67.6		
		3	4.11	4.04	4.18	69.4		
		4	4.50	4.43	4.57	88.4		
		5	4.75	4.68	4.82	76.5		
		6	5.12	5.04	5.18	60.5		
		7	5.79	5.71	5.85	51.7		
		8	6.30	6.23	6.37	56.2		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD Lab Sample ID: 460-52450-27

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 03:48 Date Analyzed (2): 03/19/2013 03:48

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	
Aroclor 1242	1	1	1.96	1.91	2.05	83.0	86	7.1
		2	2.40	2.34	2.48	85.3		
		3	2.64	2.58	2.72	79.9		
		4	2.99	2.92	3.06	101		
		5	3.17	3.11	3.25	87.8		
		6	3.49	3.43	3.57	73.0		
		7	3.85	3.79	3.93	84.7		
		8	4.94	4.87	5.01	90.2		
	2	1	2.97	2.90	3.04	75.6	80	
		2	3.67	3.59	3.73	76.4		
		3	4.11	4.04	4.18	89.6		
		4	4.50	4.43	4.57	88.0		
		5	4.75	4.68	4.82	83.4		
		6	5.12	5.04	5.18	80.4		
		7	5.79	5.71	5.85	69.3		
		8	6.30	6.23	6.37	75.3		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT Lab Sample ID: 460-52450-28

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 13:01 Date Analyzed (2): 03/19/2013 13:01

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	
Aroclor 1242	1	1	1.96	1.91	2.05	51900	58000	6.9
		2	2.40	2.34	2.48	56900		
		3	2.64	2.58	2.72	56800		
		4	2.98	2.92	3.06	57600		
		5	3.17	3.11	3.25	59900		
		6	3.49	3.43	3.57	54100		
		7	3.85	3.79	3.93	59700		
		8	4.93	4.87	5.01	63200		
	2	1	2.97	2.90	3.04	56700	62000	
		2	3.66	3.59	3.73	61300		
		3	4.11	4.04	4.18	64400		
		4	4.50	4.43	4.57	60700		
		5	4.75	4.68	4.82	62400		
		6	5.11	5.04	5.18	59800		
		7	5.79	5.71	5.85	66700		
		8	6.30	6.23	6.37	61300		
Aroclor 1260	1	1	5.88	5.82	5.96	2690	2300	13.9
		2	6.33	6.27	6.41	2660		
		3	6.76	6.70	6.84	2900		
		4	6.96	6.90	7.04	2070		
		5	7.38	7.32	7.46	2320		
		6	8.61	8.55	8.69	1660		
		7	8.83	8.76	8.90	2090		
		8	9.98	9.91	10.05	2070		
	2	2	8.27	8.21	8.35	2460	2000	
		3	9.16	9.09	9.23	2350		
		4	9.39	9.33	9.47	2000		
		5	9.51	9.45	9.59	1740		
		6	9.96	9.89	10.03	1780		
		7	10.66	10.59	10.73	1980		
		8	11.15	11.08	11.22	1740		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI Lab Sample ID: 460-52450-29

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/19/2013 17:16 Date Analyzed (2): 03/19/2013 17:16

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	
Aroclor 1242	1	1	2.07	2.02	2.16	11100	13000	2.4
		2	2.52	2.46	2.60	13000		
		3	2.77	2.71	2.85	13000		
		4	3.12	3.06	3.20	13000		
		5	3.32	3.26	3.40	14100		
		6	3.68	3.62	3.76	11700		
		7	4.04	3.98	4.12	13800		
		8	5.12	5.07	5.21	14900		
	2	1	3.06	3.00	3.14	11200	13000	
		2	3.79	3.73	3.87	13600		
		3	4.24	4.19	4.33	13400		
		4	4.64	4.58	4.72	13600		
		5	4.89	4.83	4.97	13600		
		6	5.25	5.19	5.33	13500		
		7	5.93	5.87	6.01	14300		
		8	6.45	6.39	6.53	13900		
Aroclor 1260	1	3	6.98	6.92	7.06	653	610	20.6
		4	7.18	7.12	7.26	479		
		5	7.62	7.56	7.70	560		
		6	8.92	8.86	9.00	597		
		7	9.14	9.09	9.23	769		
		8	10.17	10.10	10.24	628		
	2	4	9.60	9.53	9.67	860	760	
		5	9.70	9.64	9.78	773		
		6	10.11	10.04	10.18	718		
		7	10.75	10.68	10.82	694		
		8	11.21	11.15	11.29	732		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI MS Lab Sample ID: 460-52450-29 MS

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/19/2013 16:44 Date Analyzed (2): 03/19/2013 16:44

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	
Aroclor 1016	1	1	2.08	2.02	2.16	9430	10700	2.3
		2	2.52	2.46	2.60	10500		
		3	2.77	2.71	2.85	10800		
		4	3.12	3.07	3.21	10400		
		5	3.33	3.27	3.41	11200		
		6	3.68	3.62	3.76	10300		
		7	4.04	3.98	4.12	11200		
		8	4.19	4.13	4.27	11500		
	2	1	3.06	3.00	3.14	10200	10900	
		2	3.79	3.74	3.88	10700		
		3	4.25	4.19	4.33	10700		
		4	4.64	4.58	4.72	10900		
		5	4.89	4.83	4.97	11000		
		6	5.33	5.27	5.41	10300		
		7	5.72	5.66	5.80	11100		
		8	5.93	5.87	6.01	12500		
Aroclor 1260	1	1	6.08	6.02	6.16	1110	886	31.2
		2	6.53	6.47	6.61	882		
		3	6.98	6.92	7.06	845		
		4	7.18	7.12	7.26	861		
		5	7.62	7.56	7.70	785		
		6	8.92	8.86	9.00	577		
		7	9.14	9.09	9.23	857		
		8	10.17	10.10	10.24	1170		
	2	1	8.01	7.95	8.09	1670	1210	
		2	8.49	8.43	8.57	1170		
		3	9.40	9.34	9.48	1140		
		4	9.60	9.53	9.67	1230		
		5	9.70	9.64	9.78	1210		
		6	10.11	10.04	10.18	1130		
		7	10.75	10.68	10.82	966		
		8	11.22	11.15	11.29	1190		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI MSD Lab Sample ID: 460-52450-29 MSD

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/19/2013 17:00 Date Analyzed (2): 03/19/2013 17:00

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	
Aroclor 1016	1	1	2.08	2.02	2.16	9590	10800	2.8
		2	2.52	2.46	2.60	10700		
		3	2.77	2.71	2.85	11100		
		4	3.12	3.07	3.21	10600		
		5	3.32	3.27	3.41	11500		
		6	3.68	3.62	3.76	10600		
		7	4.04	3.98	4.12	11400		
		8	4.19	4.13	4.27	10700		
	2	1	3.06	3.00	3.14	10100	11100	
		2	3.79	3.74	3.88	10800		
		3	4.25	4.19	4.33	10800		
		4	4.64	4.58	4.72	11000		
		5	4.89	4.83	4.97	11200		
		6	5.33	5.27	5.41	10600		
		7	5.72	5.66	5.80	11300		
		8	5.93	5.87	6.01	12700		
Aroclor 1260	1	1	6.08	6.02	6.16	1090	947	32.4
		2	6.53	6.47	6.61	928		
		3	6.98	6.92	7.06	888		
		4	7.18	7.12	7.26	793		
		5	7.62	7.56	7.70	875		
		6	8.92	8.86	9.00	728		
		7	9.14	9.09	9.23	1060		
		8	10.17	10.10	10.24	1220		
	2	1	8.01	7.95	8.09	1670	1310	
		2	8.49	8.43	8.57	1240		
		3	9.40	9.34	9.48	1250		
		4	9.60	9.53	9.67	1360		
		5	9.70	9.64	9.78	1330		
		6	10.11	10.04	10.18	1260		
		7	10.75	10.68	10.82	1070		
		8	11.22	11.15	11.29	1310		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD Lab Sample ID: 460-52450-30

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 15:48 Date Analyzed (2): 03/18/2013 15:48

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	
Aroclor 1242	1	1	2.08	2.02	2.16	67.5	84	16.7
		2	2.53	2.46	2.60	86.7		
		3	2.77	2.71	2.85	78.6		
		4	3.13	3.06	3.20	92.6		
		5	3.33	3.26	3.40	71.9		
		6	3.69	3.62	3.76	112		
		7	4.05	3.98	4.12	70.8		
		8	5.13	5.07	5.21	94.3		
	2	1	3.06	3.00	3.14	100	100	
		2	3.80	3.73	3.87	94.8		
		3	4.25	4.19	4.33	88.2		
		4	4.64	4.58	4.72	94.9		
		5	4.89	4.83	4.97	102		
		6	5.26	5.19	5.33	116		
		7	5.93	5.87	6.01	103		
		8	6.45	6.39	6.53	99.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT Lab Sample ID: 460-52450-31

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/19/2013 17:32 Date Analyzed (2): 03/19/2013 17:32

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	
Aroclor 1242	1	1	2.07	2.02	2.16	71800	85000	2.0
		2	2.52	2.46	2.60	84800		
		3	2.77	2.71	2.85	85600		
		4	3.12	3.06	3.20	83400		
		5	3.32	3.26	3.40	89900		
		6	3.68	3.62	3.76	82600		
		7	4.04	3.98	4.12	88800		
		8	5.12	5.07	5.21	89500		
	2	1	3.06	3.00	3.14	74900	86000	
		2	3.79	3.73	3.87	87100		
		3	4.24	4.19	4.33	86500		
		4	4.63	4.58	4.72	88400		
		5	4.89	4.83	4.97	87700		
		6	5.25	5.19	5.33	84900		
		7	5.93	5.87	6.01	91000		
		8	6.45	6.39	6.53	89500		
Aroclor 1260	1	4	7.17	7.12	7.26	2270	2300	16.6
		5	7.62	7.56	7.70	2220		
		6	8.92	8.86	9.00	1840		
		7	9.14	9.09	9.23	2790		
		8	10.17	10.10	10.24	2280		
	2	4	9.60	9.53	9.67	2800	2700	
		5	9.70	9.64	9.78	2270		
		6	10.11	10.04	10.18	3030		
		7	10.75	10.68	10.82	2410		
		8	11.22	11.15	11.29	2940		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI Lab Sample ID: 460-52450-32

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 16:20 Date Analyzed (2): 03/18/2013 16:20

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	
Aroclor 1242	1	1	2.08	2.02	2.16	254	250	8.5
		2	2.53	2.46	2.60	271		
		3	2.77	2.71	2.85	265		
		4	3.13	3.06	3.20	246		
		5	3.33	3.26	3.40	235		
		6	3.68	3.62	3.76	260		
		7	4.04	3.98	4.12	202		
		8	5.13	5.07	5.21	248		
	2	1	3.06	3.00	3.14	303	270	
		2	3.80	3.73	3.87	288		
		3	4.25	4.19	4.33	287		
		4	4.64	4.58	4.72	269		
		5	4.89	4.83	4.97	280		
		6	5.25	5.19	5.33	253		
		7	5.93	5.87	6.01	248		
		8	6.45	6.39	6.53	227		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD Lab Sample ID: 460-52450-33

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 16:36 Date Analyzed (2): 03/18/2013 16:36

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	
Aroclor 1242	1	1	2.08	2.02	2.16	42.7	49	7.4
		2	2.52	2.46	2.60	56.7		
		3	2.77	2.71	2.85	44.3		
		4	3.12	3.06	3.20	62.6		
		5	3.32	3.26	3.40	46.4		
		6	3.68	3.62	3.76	52.9		
		7	4.04	3.98	4.12	39.3		
		8	5.13	5.07	5.21	46.3		
	2	1	3.06	3.00	3.14	75.4	53	
		2	3.80	3.73	3.87	57.3		
		3	4.25	4.19	4.33	55.3		
		4	4.64	4.58	4.72	56.7		
		5	4.89	4.83	4.97	50.9		
		6	5.25	5.19	5.33	45.8		
		7	5.93	5.87	6.01	38.1		
		8	6.45	6.39	6.53	41.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD Lab Sample ID: 460-52450-34

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 16:52 Date Analyzed (2): 03/18/2013 16:52

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	
Aroclor 1242	1	1	2.08	2.02	2.16	28.0	37	25.7
		2	2.52	2.46	2.60	42.5		
		3	2.77	2.71	2.85	32.9		
		4	3.13	3.06	3.20	53.1		
		5	3.33	3.26	3.40	37.5		
		6	3.68	3.62	3.76	40.6		
		7	4.04	3.98	4.12	28.8		
		8	5.13	5.07	5.21	35.3		
	2	1	3.06	3.00	3.14	55.1	48	
		2	3.79	3.73	3.87	42.8		
		3	4.25	4.19	4.33	41.6		
		4	4.64	4.58	4.72	57.0		
		5	4.89	4.83	4.97	59.7		
		6	5.26	5.19	5.33	51.1		
		7	5.94	5.87	6.01	43.8		
		8	6.45	6.39	6.53	35.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT Lab Sample ID: 460-52450-35

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/19/2013 12:24 Date Analyzed (2): 03/19/2013 12:24

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	
Aroclor 1242	1	1	2.08	2.02	2.16	15100	17000	5.0
		2	2.52	2.46	2.60	15800		
		3	2.77	2.71	2.85	15600		
		4	3.12	3.06	3.20	16000		
		5	3.32	3.26	3.40	18100		
		6	3.68	3.62	3.76	14700		
		7	4.04	3.98	4.12	17700		
		8	5.12	5.07	5.21	20400		
	2	1	3.06	3.00	3.14	15400	18000	
		2	3.79	3.73	3.87	17900		
		3	4.24	4.19	4.33	17000		
		4	4.64	4.58	4.72	17200		
		5	4.89	4.83	4.97	17600		
		6	5.25	5.19	5.33	18300		
		7	5.93	5.87	6.01	18300		
		8	6.45	6.39	6.53	18700		
Aroclor 1260	1	1	6.08	6.02	6.16	2070	1900	16.9
		2	6.53	6.47	6.61	1860		
		3	6.97	6.92	7.06	1850		
		4	7.18	7.12	7.26	1940		
		5	7.62	7.56	7.70	1800		
		6	8.92	8.86	9.00	1580		
		7	9.14	9.09	9.23	2410		
		8	10.17	10.10	10.24	1900		
	2	2	8.49	8.43	8.57	2360	2300	
		3	9.40	9.34	9.48	2260		
		4	9.60	9.53	9.67	2480		
		5	9.70	9.64	9.78	2260		
		6	10.11	10.04	10.18	2390		
		7	10.75	10.68	10.82	1910		
		8	11.22	11.15	11.29	2320		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI Lab Sample ID: 460-52450-36

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 17:24 Date Analyzed (2): 03/18/2013 17:24

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	
Aroclor 1242	1	1	2.08	2.02	2.16	281	250	8.5
		2	2.53	2.46	2.60	259		
		3	2.78	2.71	2.85	241		
		4	3.13	3.06	3.20	276		
		5	3.33	3.26	3.40	255		
		6	3.68	3.62	3.76	256		
		7	4.05	3.98	4.12	204		
		8	5.13	5.07	5.21	231		
	2	1	3.06	3.00	3.14	286	270	
		2	3.80	3.73	3.87	285		
		3	4.25	4.19	4.33	275		
		4	4.64	4.58	4.72	277		
		5	4.89	4.83	4.97	281		
		6	5.26	5.19	5.33	266		
		7	5.93	5.87	6.01	269		
		8	6.45	6.39	6.53	242		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD Lab Sample ID: 460-52450-37

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 17:40 Date Analyzed (2): 03/18/2013 17:40

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	
Aroclor 1242	1	1	2.08	2.02	2.16	52.4	75	14.9
		2	2.53	2.46	2.60	75.7		
		3	2.77	2.71	2.85	69.2		
		4	3.13	3.06	3.20	93.6		
		5	3.33	3.26	3.40	66.4		
		6	3.68	3.62	3.76	76.3		
		7	4.05	3.98	4.12	69.1		
		8	5.13	5.07	5.21	101		
	2	1	3.06	3.00	3.14	86.1	88	
		2	3.80	3.73	3.87	83.3		
		3	4.25	4.19	4.33	73.0		
		4	4.64	4.58	4.72	94.8		
		5	4.89	4.83	4.97	87.2		
		6	5.26	5.19	5.33	109		
		7	5.93	5.87	6.01	87.9		
		8	6.45	6.39	6.53	79.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT Lab Sample ID: 460-52450-38

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 17:56 Date Analyzed (2): 03/18/2013 17:56

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	
Aroclor 1242	1	1	2.08	2.02	2.16	32.2	54	38.9
		2	2.53	2.46	2.60	46.1		
		3	2.77	2.71	2.85	58.8		
		4	3.12	3.06	3.20	110		
		5	3.32	3.26	3.40	57.4		
		6	3.68	3.62	3.76	40.5		
		7	4.04	3.98	4.12	25.5		
		8	5.12	5.07	5.21	63.6		
	2	1	3.06	3.00	3.14	60.6	81	
		2	3.80	3.73	3.87	48.5		
		3	4.24	4.19	4.33	40.1		
		4	4.65	4.58	4.72	159		
		5	4.89	4.83	4.97	113		
		6	5.26	5.19	5.33	77.7		
		7	5.93	5.87	6.01	90.7		
		8	6.45	6.39	6.53	53.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI Lab Sample ID: 460-52450-39

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 18:12 Date Analyzed (2): 03/18/2013 18:12

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	
Aroclor 1242	1	1	2.08	2.02	2.16	30.5	42	22.0
		2	2.53	2.46	2.60	48.7		
		3	2.77	2.71	2.85	44.9		
		4	3.12	3.06	3.20	62.5		
		5	3.33	3.26	3.40	42.1		
		6	3.69	3.62	3.76	40.6		
		7	4.04	3.98	4.12	26.0		
		8	5.12	5.07	5.21	38.4		
	2	1	3.06	3.00	3.14	55.4	52	
		2	3.80	3.73	3.87	47.8		
		3	4.25	4.19	4.33	43.1		
		4	4.64	4.58	4.72	67.5		
		5	4.89	4.83	4.97	67.8		
		6	5.25	5.19	5.33	52.1		
		7	5.93	5.87	6.01	44.0		
		8	6.45	6.39	6.53	38.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD Lab Sample ID: 460-52450-40

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/19/2013 18:05 Date Analyzed (2): 03/19/2013 18:05

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	
Aroclor 1242	1	1	2.07	2.02	2.16	25800	28000	6.0
		2	2.52	2.46	2.60	26900		
		3	2.77	2.71	2.85	27000		
		4	3.12	3.06	3.20	27300		
		5	3.32	3.26	3.40	30400		
		6	3.67	3.62	3.76	25700		
		7	4.04	3.98	4.12	30800		
		8	5.12	5.07	5.21	31000		
	2	1	3.06	3.00	3.14	25900	30000	
		2	3.79	3.73	3.87	29800		
		3	4.24	4.19	4.33	28400		
		4	4.63	4.58	4.72	29700		
		5	4.88	4.83	4.97	29900		
		6	5.25	5.19	5.33	30800		
		7	5.93	5.87	6.01	31600		
		8	6.44	6.39	6.53	32600		
Aroclor 1260	1	1	6.07	6.02	6.16	3920	3800	20.0
		2	6.52	6.47	6.61	3530		
		3	6.97	6.92	7.06	3570		
		4	7.17	7.12	7.26	3640		
		5	7.61	7.56	7.70	3670		
		6	8.91	8.86	9.00	3600		
		7	9.14	9.09	9.23	4190		
		8	10.16	10.10	10.24	4520		
	2	1	8.01	7.95	8.09	5820	4700	
		2	8.49	8.43	8.57	4460		
		3	9.39	9.34	9.48	4460		
		4	9.59	9.53	9.67	4820		
		5	9.70	9.64	9.78	4670		
		6	10.10	10.04	10.18	4600		
		7	10.75	10.68	10.82	4050		
		8	11.22	11.15	11.29	4590		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT Lab Sample ID: 460-52450-42

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/19/2013 09:14 Date Analyzed (2): 03/19/2013 09:14

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	
Aroclor 1242	1	1	1.97	1.91	2.05	6780	14000	6.5
		2	2.40	2.34	2.48	13400		
		3	2.64	2.58	2.72	14200		
		4	2.98	2.92	3.06	14600		
		5	3.17	3.11	3.25	12500		
		6	3.49	3.43	3.57	15300		
		7	3.85	3.79	3.93	15700		
		8	4.93	4.87	5.01	17200		
	2	1	2.97	2.90	3.04	7920	15000	
		2	3.66	3.59	3.73	15200		
		3	4.11	4.04	4.18	15000		
		4	4.50	4.43	4.57	15900		
		5	4.75	4.68	4.82	13300		
		6	5.11	5.04	5.18	17200		
		8	6.30	6.23	6.37	18000		
Aroclor 1260	1	1	5.88	5.82	5.96	3100	3000	0.9
		2	6.33	6.27	6.41	2770		
		3	6.77	6.70	6.84	2740		
		4	6.96	6.90	7.04	3010		
		5	7.38	7.32	7.46	2990		
		6	8.61	8.55	8.69	2750		
		7	8.82	8.76	8.90	3270		
		8	9.98	9.91	10.05	2970		
	2	1	7.81	7.75	7.89	2860	3000	
		2	8.27	8.21	8.35	2910		
		3	9.15	9.09	9.23	2730		
		4	9.39	9.33	9.47	3170		
		5	9.51	9.45	9.59	2990		
		6	9.96	9.89	10.03	2960		
		7	10.66	10.59	10.73	3120		
		8	11.15	11.08	11.22	3090		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI Lab Sample ID: 460-52450-43

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/18/2013 17:10 Date Analyzed (2): 03/18/2013 17:10

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	
Aroclor 1248	1	1	2.41	2.33	2.47	184	100	10.1
		2	2.84	2.77	2.91	136		
		3	3.04	2.96	3.10	125		
		4	3.15	3.11	3.25	157		
		5	3.41	3.33	3.47	59.4		
		6	3.52	3.42	3.56	58.2		
		7	3.76	3.70	3.84	33.7		
		8	4.11	4.04	4.18	49.4		
	2	1	3.60	3.52	3.66	195	110	
		2	4.15	4.07	4.21	149		
		3	4.45	4.38	4.52	226		
		4	4.56	4.49	4.63	68.5		
		5	4.91	4.84	4.98	74.0		
		6	5.07	5.00	5.14	54.0		
		7	5.39	5.32	5.46	57.6		
		8	5.45	5.38	5.52	63.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD Lab Sample ID: 460-52450-44

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/18/2013 17:27 Date Analyzed (2): 03/18/2013 17:27

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	
Aroclor 1248	1	1	2.41	2.33	2.47	88.1	53	8.4
		2	2.84	2.77	2.91	62.3		
		3	2.98	2.96	3.10	77.6		
		4	3.16	3.11	3.25	46.4		
		5	3.41	3.33	3.47	25.5		
		6	3.50	3.42	3.56	48.2		
		8	4.11	4.04	4.18	21.5		
	2	1	3.60	3.52	3.66	94.0	57	
		2	4.15	4.07	4.21	75.8		
		3	4.45	4.38	4.52	135		
		4	4.57	4.49	4.63	39.5		
		5	4.91	4.84	4.98	38.0		
		6	5.08	5.00	5.14	20.5		
		7	5.40	5.32	5.46	25.1		
		8	5.45	5.38	5.52	31.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151458/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/18/2013 10:50 Date Analyzed (2): 03/18/2013 10:50

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	
Aroclor 1016	1	1	2.11	2.03	2.17	255	254	14.1
		2	2.42	2.34	2.48	259		
		3	2.60	2.52	2.66	229		
		4	2.85	2.77	2.91	273		
		5	2.99	2.91	3.05	256		
		7	3.41	3.33	3.47	261		
		8	3.50	3.43	3.57	246		
	2	1	3.13	3.05	3.19	222	293	
		2	3.60	3.53	3.67	320		
		3	3.90	3.82	3.96	318		
		4	4.15	4.08	4.22	304		
		5	4.32	4.25	4.39	298		
		6	4.62	4.55	4.69	292		
		7	4.91	4.84	4.98	304		
		8	5.07	5.00	5.14	282		
Aroclor 1260	1	1	4.79	4.72	4.86	314	331	3.6
		2	5.13	5.06	5.20	311		
		3	5.47	5.40	5.54	292		
		4	5.61	5.54	5.68	353		
		5	5.92	5.85	5.99	300		
		6	6.77	6.70	6.84	279		
		7	6.91	6.84	6.98	394		
		8	8.00	7.93	8.07	403		
	2	1	6.63	6.56	6.70	320	343	
		2	6.98	6.91	7.05	308		
		3	7.68	7.62	7.76	296		
		4	7.88	7.82	7.96	361		
		5	8.00	7.94	8.08	343		
		6	8.58	8.52	8.66	338		
		7	9.58	9.52	9.66	332		
		8	10.21	10.14	10.28	446		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52380-B-1-B MS

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/18/2013 10:18 Date Analyzed (2): 03/18/2013 10:18

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	
Aroclor 1016	1	1	2.11	2.03	2.17	366	409	2.2
		2	2.42	2.34	2.48	445		
		3	2.60	2.52	2.66	393		
		4	2.85	2.77	2.91	418		
		5	2.99	2.91	3.05	393		
		7	3.41	3.33	3.47	407		
		8	3.51	3.43	3.57	438		
	2	1	3.12	3.05	3.19	425	400	
		2	3.60	3.53	3.67	423		
		3	3.89	3.82	3.96	425		
		4	4.15	4.08	4.22	392		
		5	4.32	4.25	4.39	404		
		6	4.62	4.55	4.69	374		
		7	4.91	4.84	4.98	396		
		8	5.07	5.00	5.14	357		
Aroclor 1260	1	1	4.79	4.72	4.86	406	439	3.9
		2	5.13	5.06	5.20	409		
		3	5.47	5.40	5.54	378		
		4	5.61	5.54	5.68	466		
		5	5.92	5.85	5.99	434		
		6	6.77	6.70	6.84	384		
		7	6.91	6.84	6.98	523		
		8	7.99	7.93	8.07	514		
	2	1	6.63	6.56	6.70	399	422	
		2	6.98	6.91	7.05	406		
		3	7.68	7.62	7.76	379		
		4	7.88	7.82	7.96	463		
		5	8.00	7.94	8.08	442		
		6	8.58	8.52	8.66	439		
		7	9.58	9.52	9.66	410		
		8	10.21	10.14	10.28	439		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52380-B-1-C MSD

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/18/2013 11:46 Date Analyzed (2): 03/18/2013 11:46

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	
Aroclor 1016	1	1	2.10	2.03	2.17	408	419	1.2
		2	2.41	2.34	2.48	413		
		3	2.59	2.52	2.66	458		
		4	2.84	2.77	2.91	411		
		5	2.98	2.91	3.05	403		
		7	3.41	3.33	3.47	413		
		8	3.50	3.43	3.57	424		
	2	1	3.14	3.05	3.19	392	413	
		2	3.61	3.53	3.67	416		
		3	3.90	3.82	3.96	415		
		4	4.16	4.08	4.22	419		
		5	4.33	4.25	4.39	424		
		6	4.63	4.55	4.69	408		
		7	4.92	4.84	4.98	420		
		8	5.08	5.00	5.14	414		
Aroclor 1260	1	1	4.79	4.72	4.86	432	457	3.2
		2	5.13	5.06	5.20	421		
		3	5.47	5.40	5.54	397		
		4	5.61	5.54	5.68	486		
		5	5.91	5.85	5.99	423		
		6	6.77	6.70	6.84	378		
		7	6.90	6.84	6.98	562		
		8	7.99	7.93	8.07	554		
	2	1	6.64	6.56	6.70	421	442	
		2	6.99	6.91	7.05	418		
		3	7.69	7.62	7.76	400		
		4	7.89	7.82	7.96	487		
		5	8.02	7.94	8.08	461		
		6	8.59	8.52	8.66	453		
		7	9.58	9.52	9.66	428		
		8	10.21	10.14	10.28	469		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151512/2-A

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/18/2013 21:54 Date Analyzed (2): 03/18/2013 21:54

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	
Aroclor 1016	1	1	1.97	1.90	2.04	311	322	0.9
		2	2.40	2.33	2.47	324		
		3	2.65	2.58	2.72	319		
		4	2.99	2.92	3.06	338		
		5	3.17	3.11	3.25	328		
		6	3.49	3.42	3.56	318		
		7	3.86	3.79	3.93	317		
		8	4.00	3.94	4.08	318		
	2	1	2.98	2.90	3.04	328	319	
		2	3.68	3.60	3.74	311		
		3	4.12	4.04	4.18	289		
		4	4.76	4.68	4.82	330		
		5	4.94	4.86	5.00	307		
		6	5.20	5.12	5.26	341		
		7	5.59	5.51	5.65	342		
		8	5.80	5.72	5.86	303		
Aroclor 1260	1	1	5.89	5.82	5.96	306	330	0.4
		2	6.34	6.27	6.41	312		
		3	6.77	6.70	6.84	293		
		4	6.97	6.90	7.04	366		
		5	7.39	7.32	7.46	337		
		6	8.62	8.55	8.69	306		
		7	8.83	8.76	8.90	355		
		8	9.98	9.91	10.05	363		
	2	1	7.82	7.75	7.89	305	328	
		2	8.28	8.21	8.35	306		
		3	9.17	9.09	9.23	259		
		4	9.40	9.33	9.47	350		
		5	9.52	9.45	9.59	327		
		6	9.97	9.89	10.03	326		
		7	10.66	10.59	10.73	386		
		8	11.15	11.08	11.22	367		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151527/2-A

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 03/18/2013 14:43 Date Analyzed (2): 03/18/2013 14:43

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	
Aroclor 1016	1	1	2.08	2.02	2.16	328	342	7.0
		2	2.53	2.46	2.60	364		
		3	2.78	2.71	2.85	361		
		4	3.13	3.07	3.21	342		
		5	3.33	3.27	3.41	352		
		6	3.68	3.62	3.76	347		
		7	4.05	3.98	4.12	343		
		8	4.19	4.13	4.27	298		
	2	1	3.07	3.00	3.14	352	367	
		2	3.80	3.74	3.88	353		
		3	4.25	4.19	4.33	352		
		4	4.64	4.58	4.72	357		
		5	4.89	4.83	4.97	381		
		6	5.33	5.27	5.41	373		
		7	5.73	5.66	5.80	378		
		8	5.94	5.87	6.01	390		
Aroclor 1260	1	1	6.08	6.02	6.16	354	379	4.4
		2	6.53	6.47	6.61	354		
		3	6.98	6.92	7.06	318		
		4	7.18	7.12	7.26	420		
		5	7.62	7.56	7.70	372		
		6	8.93	8.86	9.00	279		
		7	9.14	9.09	9.23	496		
		8	10.17	10.10	10.24	435		
	2	1	8.02	7.95	8.09	364	396	
		2	8.50	8.43	8.57	372		
		3	9.40	9.34	9.48	336		
		4	9.60	9.53	9.67	436		
		5	9.71	9.64	9.78	456		
		6	10.11	10.04	10.18	400		
		7	10.75	10.68	10.82	327		
		8	11.22	11.15	11.29	474		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151921/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/21/2013 09:28 Date Analyzed (2): 03/21/2013 09:28

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	
Aroclor 1016	1	1	2.11	2.03	2.17	5.05	5.21	4.0
		2	2.42	2.34	2.48	5.05		
		3	2.60	2.52	2.66	5.29		
		4	2.85	2.77	2.91	5.25		
		5	2.99	2.91	3.05	5.31		
		7	3.41	3.33	3.47	5.12		
		8	3.51	3.43	3.57	5.39		
	2	1	3.12	3.05	3.19	5.26	5.42	
		2	3.60	3.53	3.67	5.08		
		3	3.89	3.82	3.96	5.37		
		4	4.14	4.08	4.22	5.31		
		5	4.32	4.25	4.39	5.49		
		6	4.62	4.55	4.69	5.21		
		7	4.91	4.84	4.98	6.15		
		8	5.07	5.00	5.14	5.52		
Aroclor 1260	1	1	4.79	4.72	4.86	5.17	5.58	6.8
		2	5.13	5.06	5.20	5.15		
		3	5.47	5.40	5.54	4.98		
		4	5.61	5.54	5.68	5.87		
		5	5.91	5.85	5.99	5.51		
		6	6.76	6.70	6.84	5.20		
		7	6.90	6.84	6.98	6.55		
		8	7.99	7.93	8.07	6.21		
	2	1	6.62	6.56	6.70	4.94	5.21	
		2	6.97	6.91	7.05	5.04		
		3	7.67	7.62	7.76	4.83		
		4	7.87	7.82	7.96	5.66		
		5	8.00	7.94	8.08	5.49		
		6	8.58	8.52	8.66	5.41		
		7	9.57	9.52	9.66	5.23		
		8	10.21	10.14	10.28	5.11		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-151921/3-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/21/2013 09:12 Date Analyzed (2): 03/21/2013 09:12

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	
Aroclor 1016	1	1	2.11	2.03	2.17	4.98	5.19	6.2
		2	2.41	2.34	2.48	5.07		
		3	2.59	2.52	2.66	5.28		
		4	2.85	2.77	2.91	5.26		
		5	2.98	2.91	3.05	5.41		
		7	3.41	3.33	3.47	5.30		
		8	3.50	3.43	3.57	5.04		
	2	1	3.12	3.05	3.19	5.30	5.52	
		2	3.60	3.53	3.67	5.20		
		3	3.89	3.82	3.96	5.60		
		4	4.15	4.08	4.22	5.41		
		5	4.32	4.25	4.39	5.64		
		6	4.62	4.55	4.69	5.51		
		7	4.91	4.84	4.98	5.58		
		8	5.07	5.00	5.14	5.95		
Aroclor 1260	1	1	4.79	4.72	4.86	5.29	5.80	6.3
		2	5.13	5.06	5.20	5.34		
		3	5.47	5.40	5.54	5.10		
		4	5.61	5.54	5.68	6.22		
		5	5.91	5.85	5.99	5.84		
		6	6.76	6.70	6.84	5.37		
		7	6.90	6.84	6.98	6.72		
		8	7.99	7.93	8.07	6.54		
	2	1	6.62	6.56	6.70	5.16	5.45	
		2	6.98	6.91	7.05	5.21		
		3	7.67	7.62	7.76	5.00		
		4	7.88	7.82	7.96	5.93		
		5	8.00	7.94	8.08	5.78		
		6	8.58	8.52	8.66	5.65		
		7	9.58	9.52	9.66	5.47		
		8	10.21	10.14	10.28	5.40		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD Lab Sample ID: 460-52450-1

Matrix: Solid Lab File ID: of200697.d

Analysis Method: 8082 Date Collected: 03/14/2013 09:20

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 14:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		45-138

Data File: of200697.d
Report Date: 18-Mar-2013 22:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/of200697.d
Lab Smp Id: 460-52450-F-1-A Client Smp ID: PMP-21-NE-VD
Inj Date : 18-MAR-2013 14:27
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-1-A
Misc Info : 460-52450-F-1-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

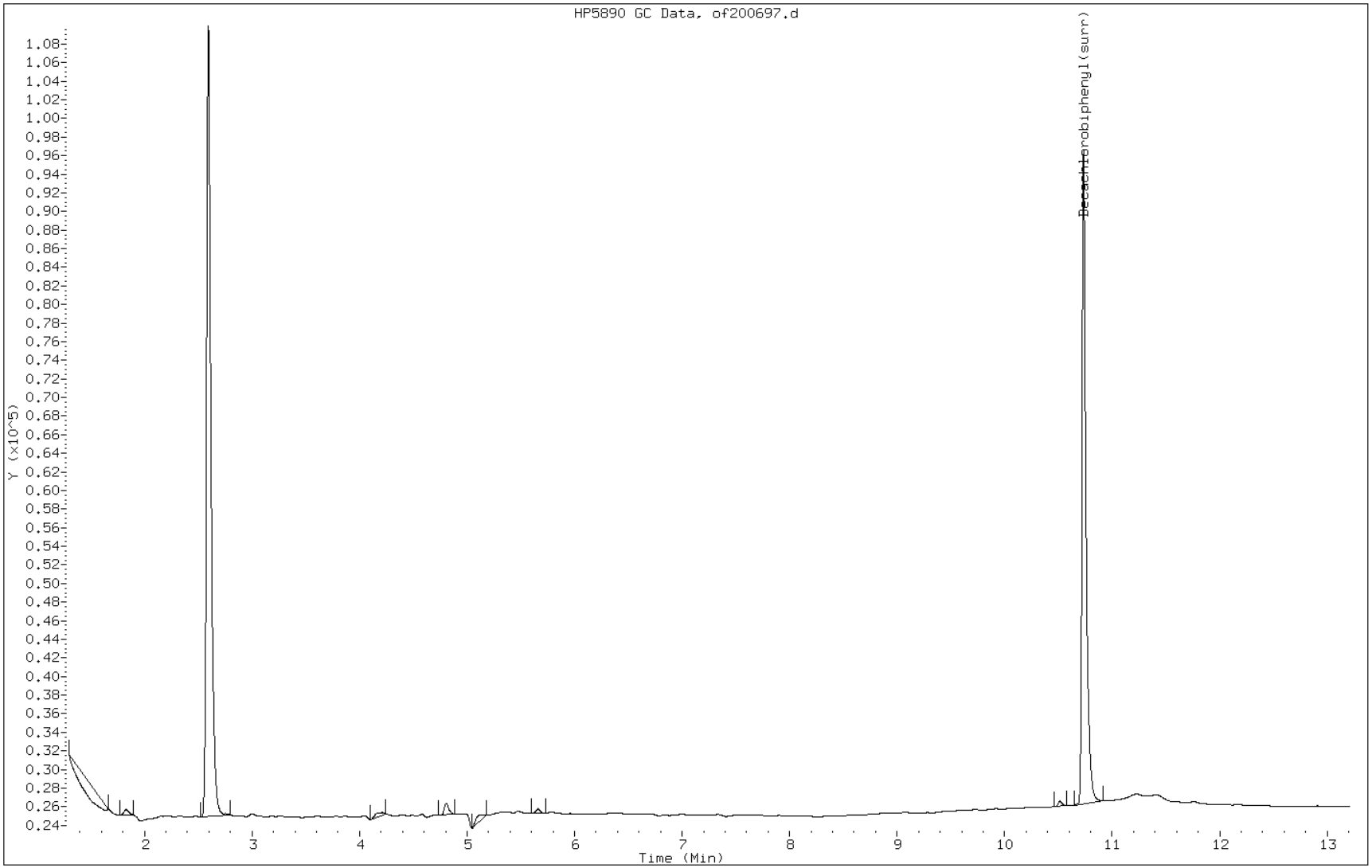
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.733	10.727	0.006	180606	49.1024	33	80.00- 120.00	100.00

Data File: of200697.d

Date: 18-MAR-2013 14:27

Client ID: PMP-21-NE-VD Instrument: PESTGC7.i

Sample Info: 460-52450-F-1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD Lab Sample ID: 460-52450-1

Matrix: Solid Lab File ID: or200697.d

Analysis Method: 8082 Date Collected: 03/14/2013 09:20

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 14:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

Data File: or200697.d
Report Date: 18-Mar-2013 22:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/or200697.d
Lab Smp Id: 460-52450-F-1-A Client Smp ID: PMP-21-NE-VD
Inj Date : 18-MAR-2013 14:27
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-1-A
Misc Info : 460-52450-F-1-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

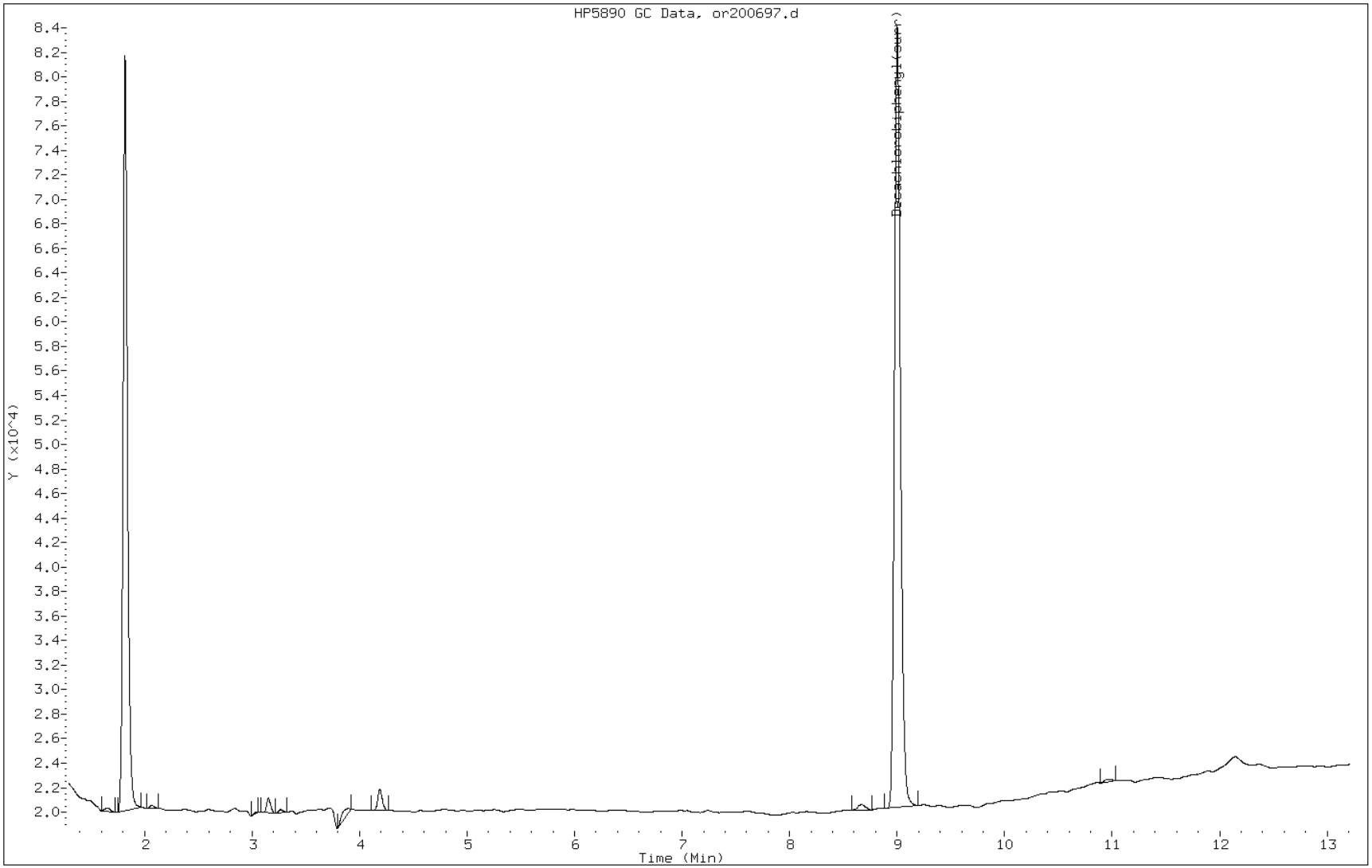
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.002	9.005	-0.003	247084	47.2649	31	80.00- 120.00	100.00

Data File: or200697.d

Date: 18-MAR-2013 14:27

Client ID: PMP-21-NE-VD Instrument: PESTGC7.i

Sample Info: 460-52450-F-1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT Lab Sample ID: 460-52450-2

Matrix: Solid Lab File ID: qf093671.d

Analysis Method: 8082 Date Collected: 03/14/2013 09:25

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 08:25

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151716 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		45-138

Data File: qf093671.d
Report Date: 19-Mar-2013 11:08

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13a.b/qf093671.d
Lab Smp Id: 460-52450-F-2-A Client Smp ID: PMP-21-NE-WT
Inj Date : 19-MAR-2013 08:25
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-2-A
Misc Info : 460-52450-F-2-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13a.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 4
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.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	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	11.15312	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE		RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
3.685	3.656	0.029	0			0.00-	0.00	0.00
4.524	4.493	0.031	0			0.00-	0.00	0.00
4.952	4.927	0.025	0			0.00-	0.00	0.00
5.136	5.111	0.025	21154433	1127.24	1700	0.00-	0.00	44.82
5.597	5.574	0.023	32466866	1204.23	1800	0.00-	0.00	68.79
5.809	5.785	0.024	39379266	1380.26	2100	0.00-	0.00	83.43
6.245	6.222	0.023	33009682	1178.32	1800	0.00-	0.00	69.94
6.318	6.294	0.024	47719560	1213.71	1800	0.00-	0.00	101.11
Average of Peak Concentrations =					1800			
27 Aroclor-1260					CAS #: 11096-82-5			
0.000	7.818	-7.818	0			0.00-	0.00	0.00(TM)

Data File: qf093671.d
Report Date: 19-Mar-2013 11:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.294	8.276	0.018	7920003	143.231	210	0.00- 0.00	0.00
9.184	9.161	0.023	9015507	127.647	190	0.00- 0.00	0.00
9.417	9.399	0.018	5164176	140.102	210	0.00- 0.00	0.00
9.532	9.516	0.016	2545044	129.077	190	0.00- 0.00	0.00
9.975	9.963	0.012	3800779	129.782	190	0.00- 0.00	0.00
10.672	10.663	0.009	4651560	145.650	220	0.00- 0.00	0.00
11.162	11.149	0.013	1599389	120.173	180	0.00- 0.00	0.00
Average of Peak Concentrations =					200		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.623	11.602	0.021	11482421	23.2839	35	80.00- 120.00	100.00(a)

QC Flag Legend

T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: qf093671.d

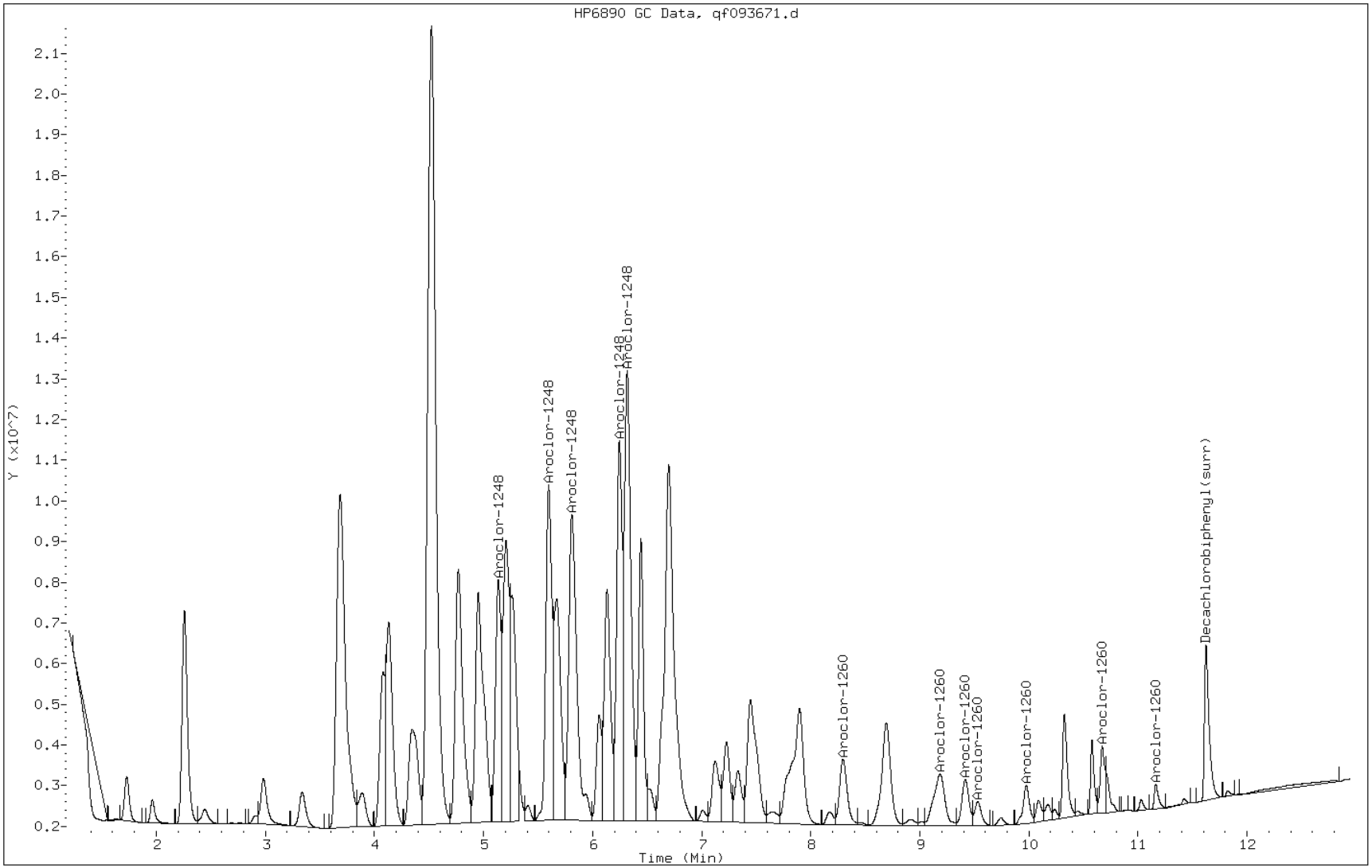
Date: 19-MAR-2013 08:25

Client ID: PMP-21-NE-WT

Instrument: PESTGC8.i

Sample Info: 460-52450-F-2-A

Operator:



Manual Integration Report

Data File: qf093671.d
Inj. Date and Time: 19-MAR-2013 08:25
Instrument ID: PESTGC8.i
Client ID: PMP-21-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

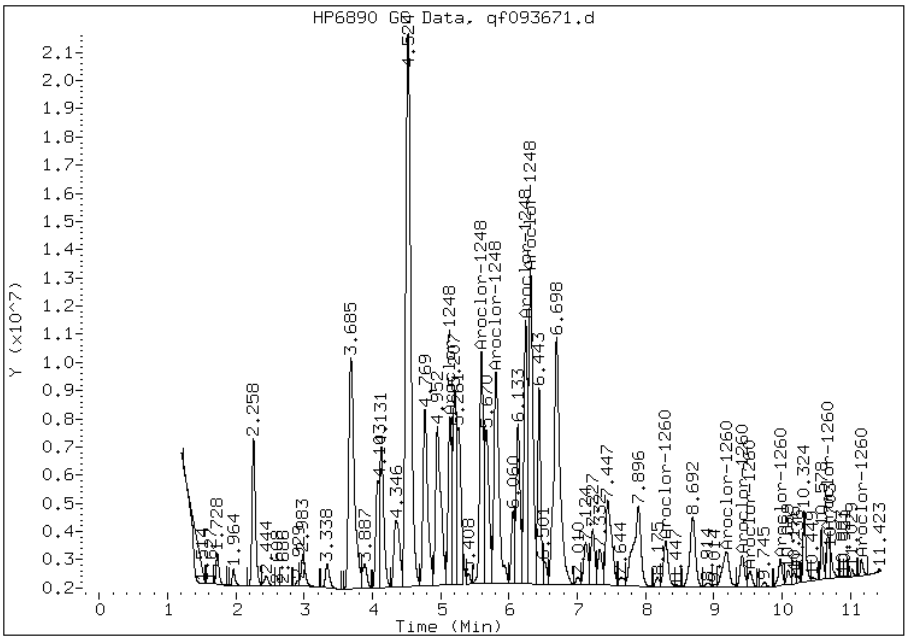
Manual Integration Results

RT: 0.00

Response: 0

Amount: 133.67

Conc: 200.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT Lab Sample ID: 460-52450-2

Matrix: Solid Lab File ID: qr093671.d

Analysis Method: 8082 Date Collected: 03/14/2013 09:25

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 08:25

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	34	U	150	34
11104-28-2	Aroclor 1221	34	U	150	34
11141-16-5	Aroclor 1232	34	U	150	34
53469-21-9	Aroclor 1242	34	U	150	34
12672-29-6	Aroclor 1248	1900		150	34
11097-69-1	Aroclor 1254	43	U	150	43
11096-82-5	Aroclor 1260	220		150	43
37324-23-5	Aroclor 1262	43	U	150	43
11100-14-4	Aroclor 1268	43	U	150	43

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13a.b/qr093671.d
Lab Smp Id: 460-52450-F-2-A Client Smp ID: PMP-21-NE-WT
Inj Date : 19-MAR-2013 08:25
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-2-A
Misc Info : 460-52450-F-2-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13a.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 4
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.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	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	11.15312	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.401	2.397	0.004	0			80.00- 120.00	0.00(M)
2.992	2.984	0.008	0			205.22- 307.83	0.00
3.316	3.315	0.001	44674443	1464.44	2200	125.25- 187.88	70.99
3.498	3.487	0.011	72263807	1193.90	1800	248.52- 372.77	114.82
3.858	3.853	0.005	70129524	1357.97	2000	212.04- 318.06	111.43
4.004	3.998	0.006	39358998	1298.27	1900	124.47- 186.71	62.54
4.430	4.425	0.005	39031451	1307.26	2000	122.59- 183.88	62.02
4.942	4.937	0.005	46274783	1175.59	1800	161.62- 242.43	73.53
Average of Peak Concentrations =					1900		
27 Aroclor-1260					CAS #: 11096-82-5		
5.888	5.887	0.001	9819843	182.561	270	80.00- 120.00	100.00(H)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.338	6.337	0.001	15342650	159.321	240	145.55- 218.32	156.24
6.774	6.773	0.001	14197275	155.543	230	140.64- 210.95	144.58
6.973	6.970	0.003	5048637	108.267	160	73.78- 110.68	51.41
7.388	7.387	0.001	6602066	136.079	200	75.71- 113.56	67.23
8.621	8.621	0.000	8169096	132.013	200	96.73- 145.09	83.19
8.834	8.833	0.001	4790920	138.210	210	53.49- 80.23	48.79
9.984	9.984	0.000	4180326	137.590	200	47.38- 71.07	42.57
Average of Peak Concentrations =					220		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.521	10.520	0.001	21137652	28.0113	42	80.00- 120.00	100.00

QC Flag Legend

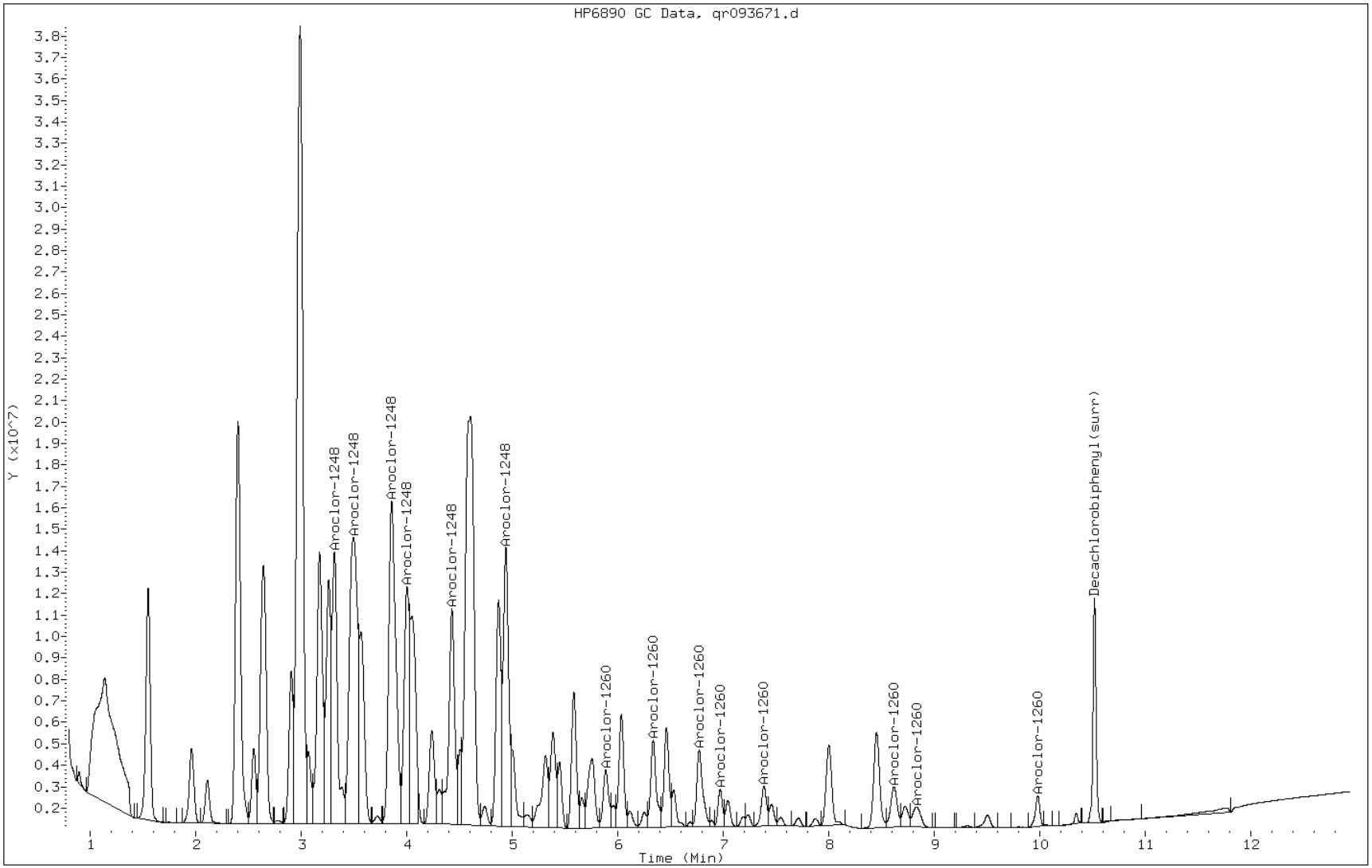
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr093671.d

Date: 19-MAR-2013 08:25

Client ID: PMP-21-NE-WT Instrument: PESTGC8.i

Sample Info: 460-52450-F-2-A Operator:



Manual Integration Report

Data File: qr093671.d
Inj. Date and Time: 19-MAR-2013 08:25
Instrument ID: PESTGC8.i
Client ID: PMP-21-NE-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.40

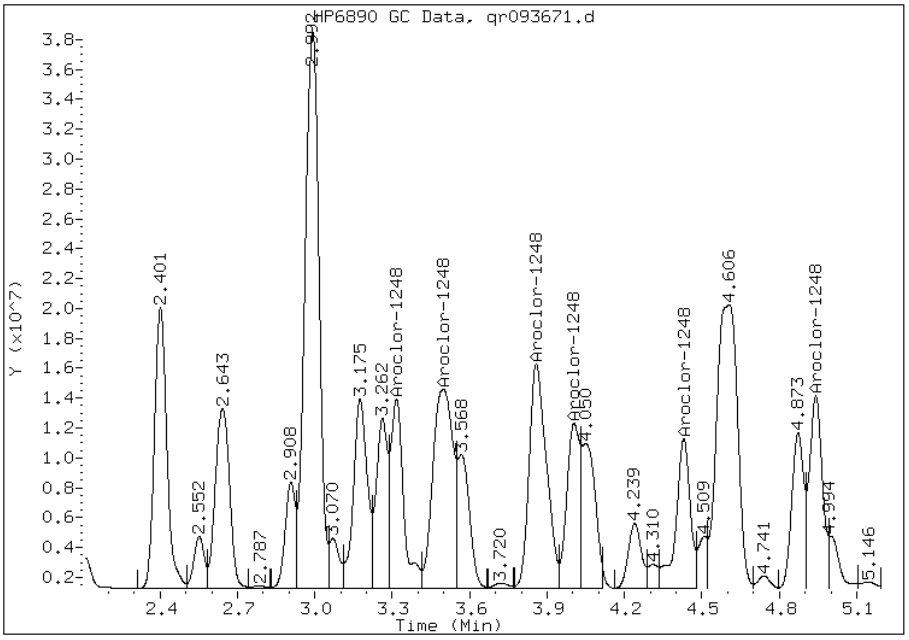
Manual Integration Results

RT: 2.40

Response: 0

Amount: 1299.57

Conc: 1900.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI Lab Sample ID: 460-52450-3

Matrix: Solid Lab File ID: qf093672.d

Analysis Method: 8082 Date Collected: 03/14/2013 09:30

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 08:42

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151716 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		45-138

Data File: qf093672.d
Report Date: 19-Mar-2013 11:08

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13a.b/qf093672.d
Lab Smp Id: 460-52450-F-3-A Client Smp ID: PMP-21-NE-SI
Inj Date : 19-MAR-2013 08:42
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-3-A
Misc Info : 460-52450-F-3-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13a.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 5
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.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	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.51526	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.675	3.656	0.019	23924582	1814.68	2700	0.00- 0.00	100.00(M)
4.508	4.493	0.015	0			0.00- 0.00	0.00
4.931	4.927	0.004	0			0.00- 0.00	0.00
5.116	5.111	0.005	30259628	1612.42	2400	0.00- 0.00	126.48
5.579	5.574	0.005	46552424	1726.68	2500	0.00- 0.00	194.58
5.791	5.785	0.006	58962276	2066.66	3000	0.00- 0.00	246.45
6.228	6.222	0.006	35517521	1267.84	1900	0.00- 0.00	148.46
6.301	6.294	0.007	69955374	1779.27	2600	0.00- 0.00	292.40
Average of Peak Concentrations =					2500		
27 Aroclor-1260					CAS #: 11096-82-5		
7.764	7.818	-0.054	0			0.00- 0.00	0.00(M)

Data File: qf093672.d
Report Date: 19-Mar-2013 11:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.278	8.276	0.002	4831168	87.3705	130	0.00- 0.00	61.62
9.165	9.161	0.004	5290229	74.9024	110	0.00- 0.00	67.47
9.399	9.399	0.000	2438893	66.1662	97	0.00- 0.00	31.11
9.513	9.516	-0.003	1122653	56.9376	84	0.00- 0.00	14.32
9.960	9.963	-0.003	1980367	67.6221	100	0.00- 0.00	25.26
10.664	10.663	0.001	2083775	65.2474	96	0.00- 0.00	26.58
11.154	11.149	0.005	1105014	83.0270	120	0.00- 0.00	14.09
		Average of Peak Concentrations =			100		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.611	11.602	0.009	11495248	23.3099	34	80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: qf093672.d

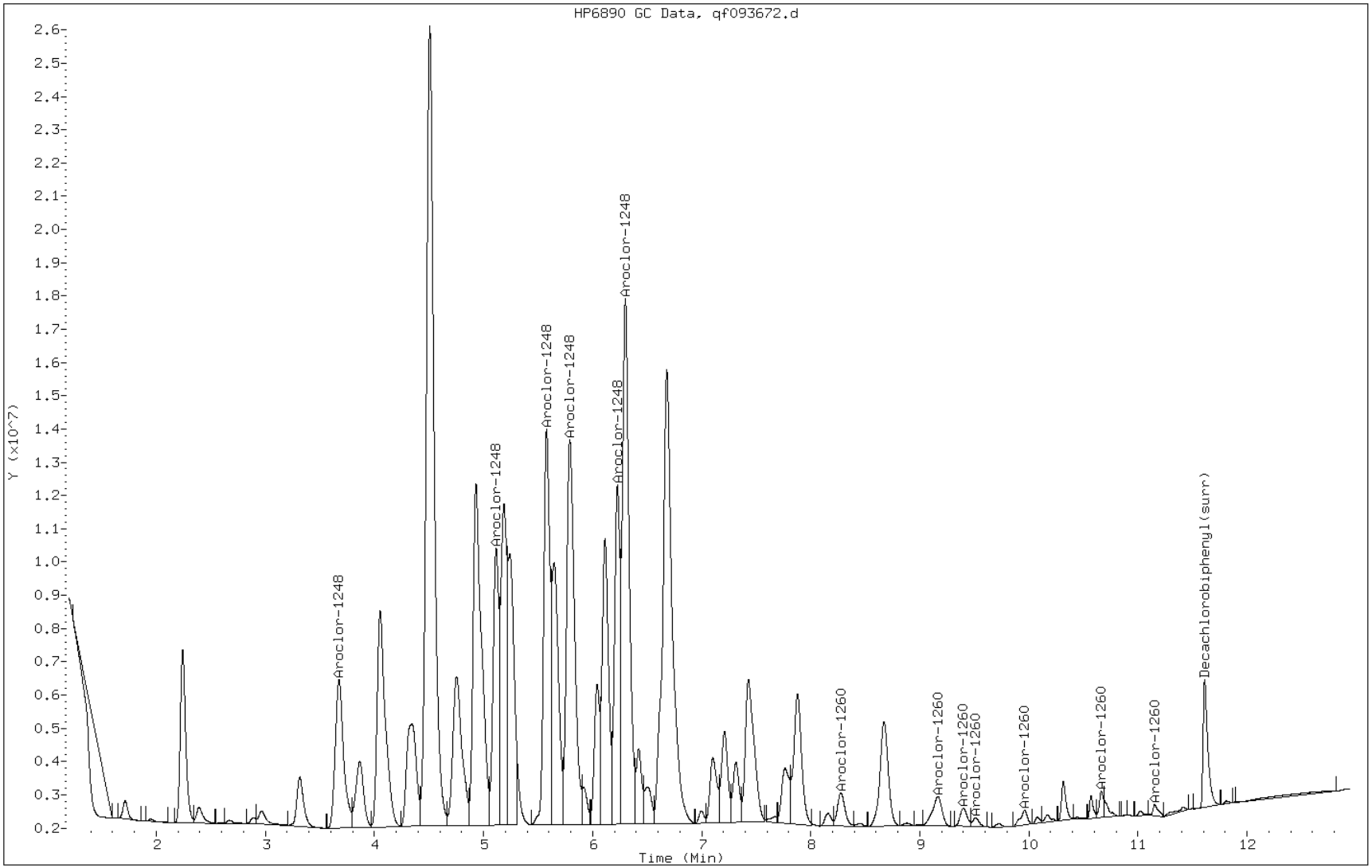
Date: 19-MAR-2013 08:42

Client ID: PMP-21-NE-SI

Instrument: PESTGC8.i

Sample Info: 460-52450-F-3-A

Operator:



Manual Integration Report

Data File: qf093672.d
Inj. Date and Time: 19-MAR-2013 08:42
Instrument ID: PESTGC8.i
Client ID: PMP-21-NE-SI
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 3.66

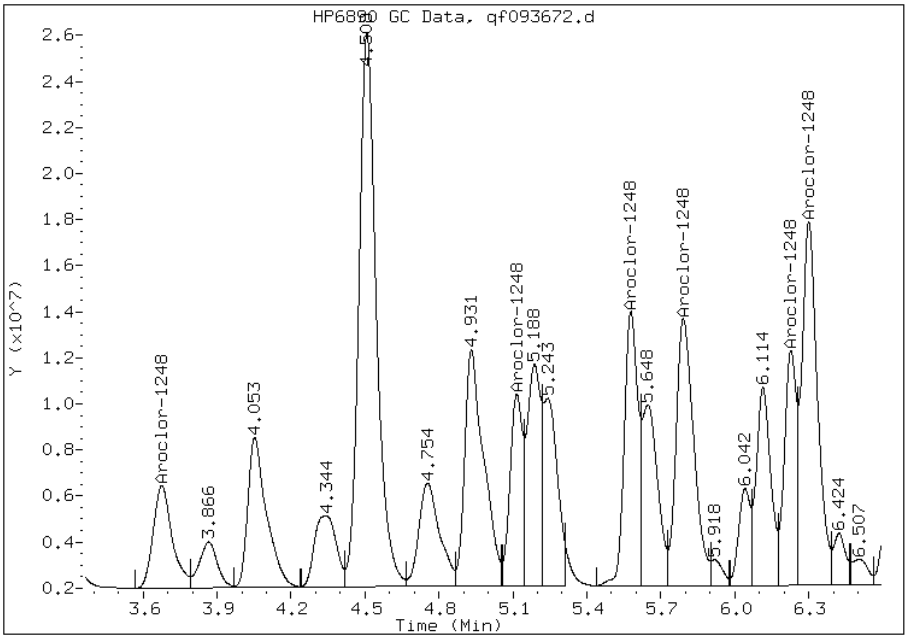
Manual Integration Results

RT: 3.68

Response: 23924582

Amount: 1711.26

Conc: 2500.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qf093672.d
Inj. Date and Time: 19-MAR-2013 08:42
Instrument ID: PESTGC8.i
Client ID: PMP-21-NE-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

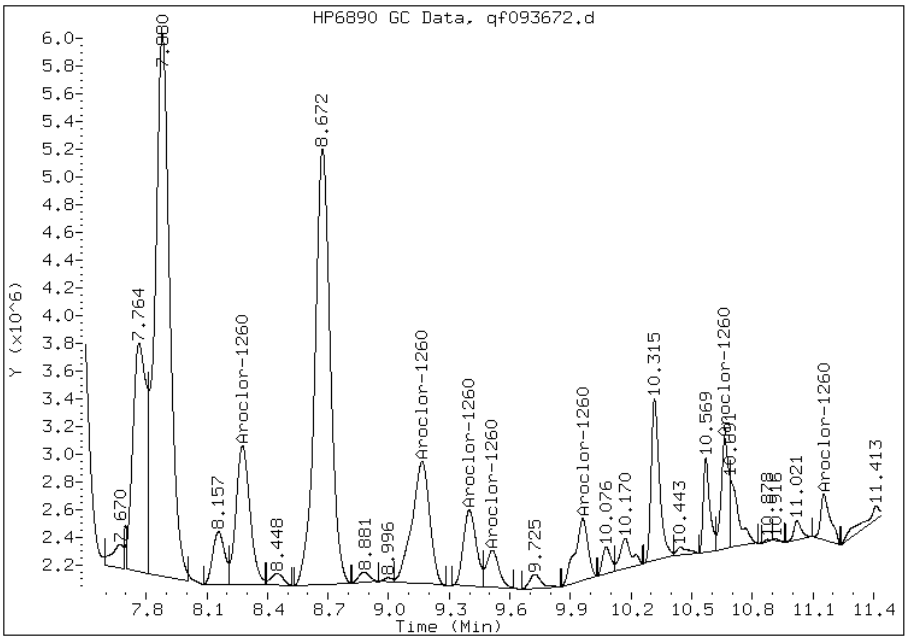
Manual Integration Results

RT: 7.76

Response: 0

Amount: 71.61

Conc: 100.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI | Lab Sample ID: 460-52450-3

Matrix: Solid | Lab File ID: qr093672.d

Analysis Method: 8082 | Date Collected: 03/14/2013 09:30

Extraction Method: 3546 | Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 08:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 2

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	33	U	150	33
11104-28-2	Aroclor 1221	33	U	150	33
11141-16-5	Aroclor 1232	33	U	150	33
53469-21-9	Aroclor 1242	33	U	150	33
12672-29-6	Aroclor 1248	2900		150	33
11097-69-1	Aroclor 1254	42	U	150	42
11096-82-5	Aroclor 1260	130	J	150	42
37324-23-5	Aroclor 1262	42	U	150	42
11100-14-4	Aroclor 1268	42	U	150	42

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13a.b/qr093672.d
Lab Smp Id: 460-52450-F-3-A Client Smp ID: PMP-21-NE-SI
Inj Date : 19-MAR-2013 08:42
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-3-A
Misc Info : 460-52450-F-3-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13a.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 5
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.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	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.51526	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.400	2.397	0.003	38438338	1972.77	2900	80.00- 120.00	100.00(MH)
2.990	2.984	0.006	0			205.22- 307.83	0.00
3.252	3.315	-0.063	73660306	2414.60	3600	125.25- 187.88	191.63
3.484	3.487	-0.003	98764402	1631.72	2400	248.52- 372.77	256.94
3.849	3.853	-0.004	101640498	1968.15	2900	212.04- 318.06	264.42
3.995	3.998	-0.003	67273396	2219.04	3300	124.47- 186.71	175.02
4.421	4.425	-0.004	50726690	1698.97	2500	122.59- 183.88	131.97
4.933	4.937	-0.004	68067949	1729.23	2500	161.62- 242.43	177.08
		Average of Peak Concentrations =			2900		
27 Aroclor-1260					CAS #: 11096-82-5		
5.882	5.887	-0.005	6074036	112.923	170	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.330	6.337	-0.007	12059165	125.225	180	145.55- 218.32	198.54
6.768	6.773	-0.005	10561056	115.705	170	140.64- 210.95	173.87
6.967	6.970	-0.003	2296892	49.2562	72	73.78- 110.68	37.81
7.381	7.387	-0.006	3718655	76.6473	110	75.71- 113.56	61.22
8.613	8.621	-0.008	4324822	69.8891	100	96.73- 145.09	71.20
8.825	8.833	-0.008	2574799	74.2787	110	53.49- 80.23	42.39
9.978	9.984	-0.006	2471276	81.3389	120	47.38- 71.07	40.69
		Average of Peak Concentrations =			130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.518	10.520	-0.002	21999809	29.1538	43	80.00- 120.00	100.00

QC Flag Legend

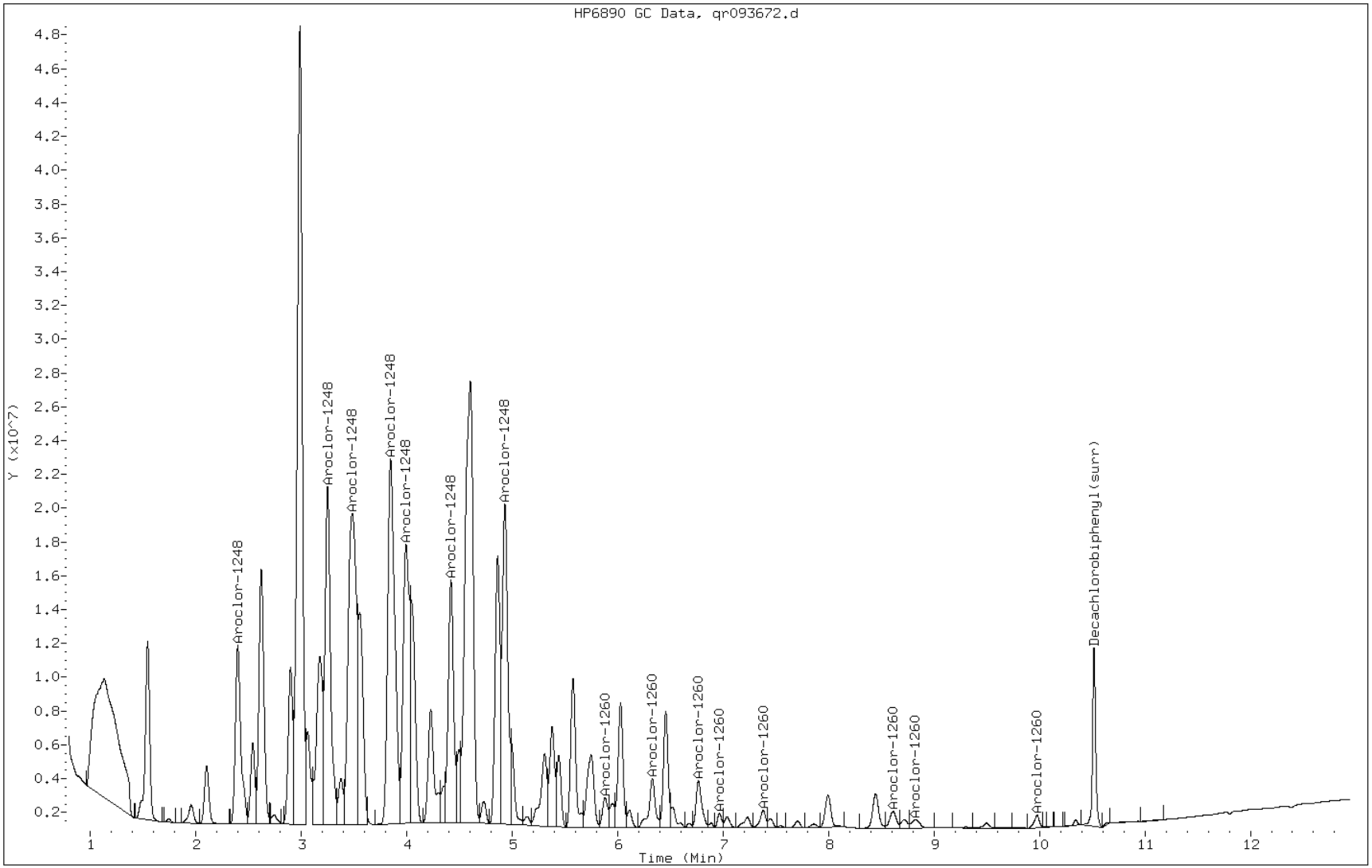
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr093672.d

Date: 19-MAR-2013 08:42

Client ID: PMP-21-NE-SI Instrument: PESTGC8.i

Sample Info: 460-52450-F-3-A Operator:



Manual Integration Report

Data File: qr093672.d
Inj. Date and Time: 19-MAR-2013 08:42
Instrument ID: PESTGC8.i
Client ID: PMP-21-NE-SI
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.40

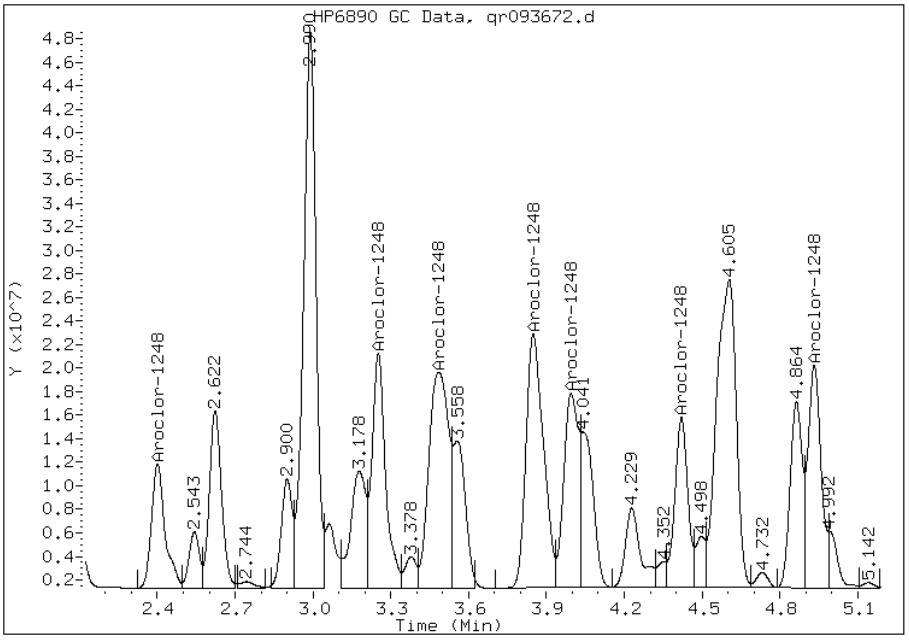
Manual Integration Results

RT: 2.40

Response: 38438338

Amount: 1947.78

Conc: 2900.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS Lab Sample ID: 460-52450-4

Matrix: Solid Lab File ID: of200700.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:15

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 15:15

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		45-138

Data File: of200700.d
Report Date: 18-Mar-2013 23:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/of200700.d
Lab Smp Id: 460-52450-F-4-A Client Smp ID: PMP-23-NE-VS
Inj Date : 18-MAR-2013 15:15
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-4-A
Misc Info : 460-52450-F-4-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

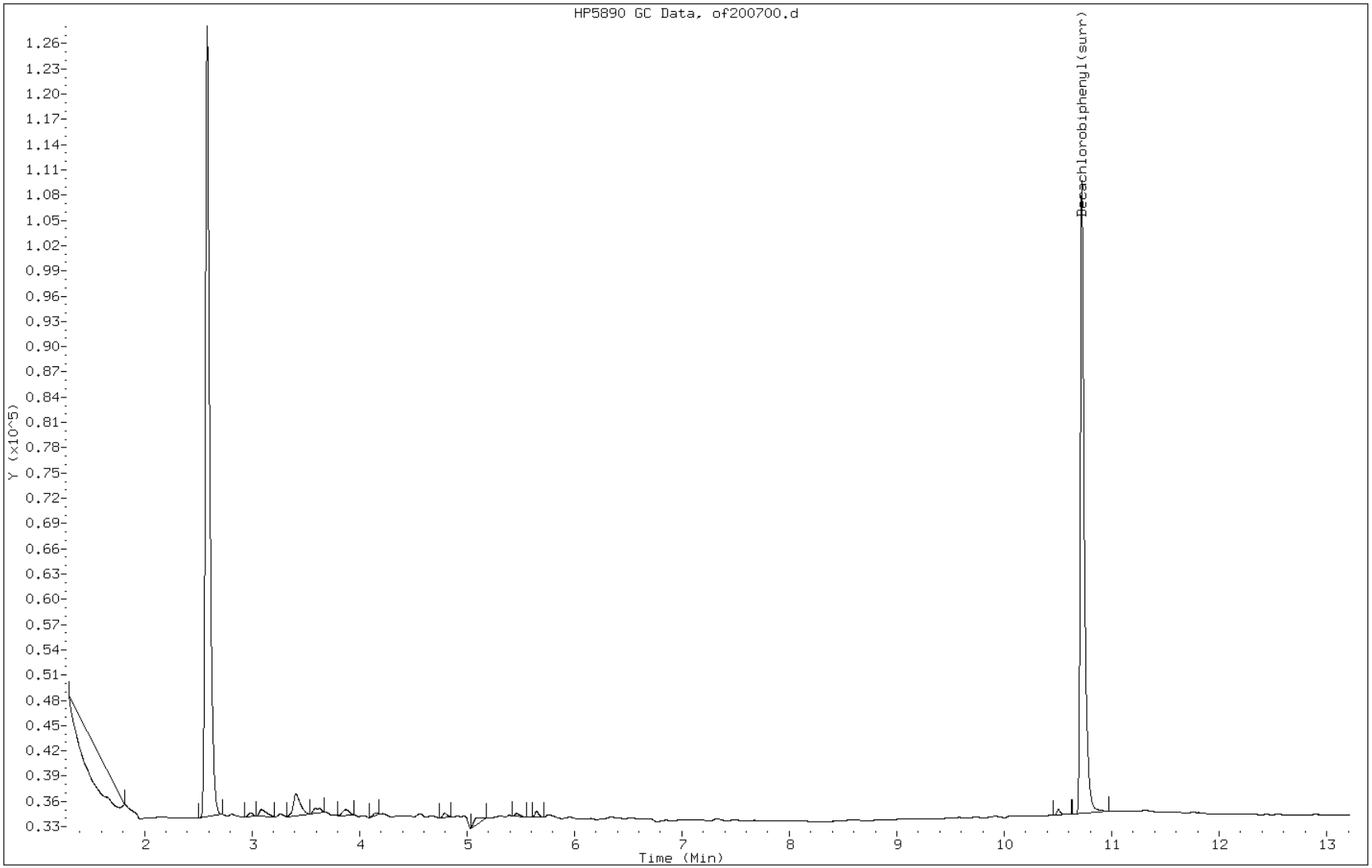
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.722	10.727	-0.005	194599	52.9066	35	80.00- 120.00	100.00

Data File: of200700.d

Date: 18-MAR-2013 15:15

Client ID: PMP-23-NE-VS Instrument: PESTGC7.i

Sample Info: 460-52450-F-4-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS Lab Sample ID: 460-52450-4

Matrix: Solid Lab File ID: or200700.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:15

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 15:15

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/or200700.d
Lab Smp Id: 460-52450-F-4-A Client Smp ID: PMP-23-NE-VS
Inj Date : 18-MAR-2013 15:15
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-4-A
Misc Info : 460-52450-F-4-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

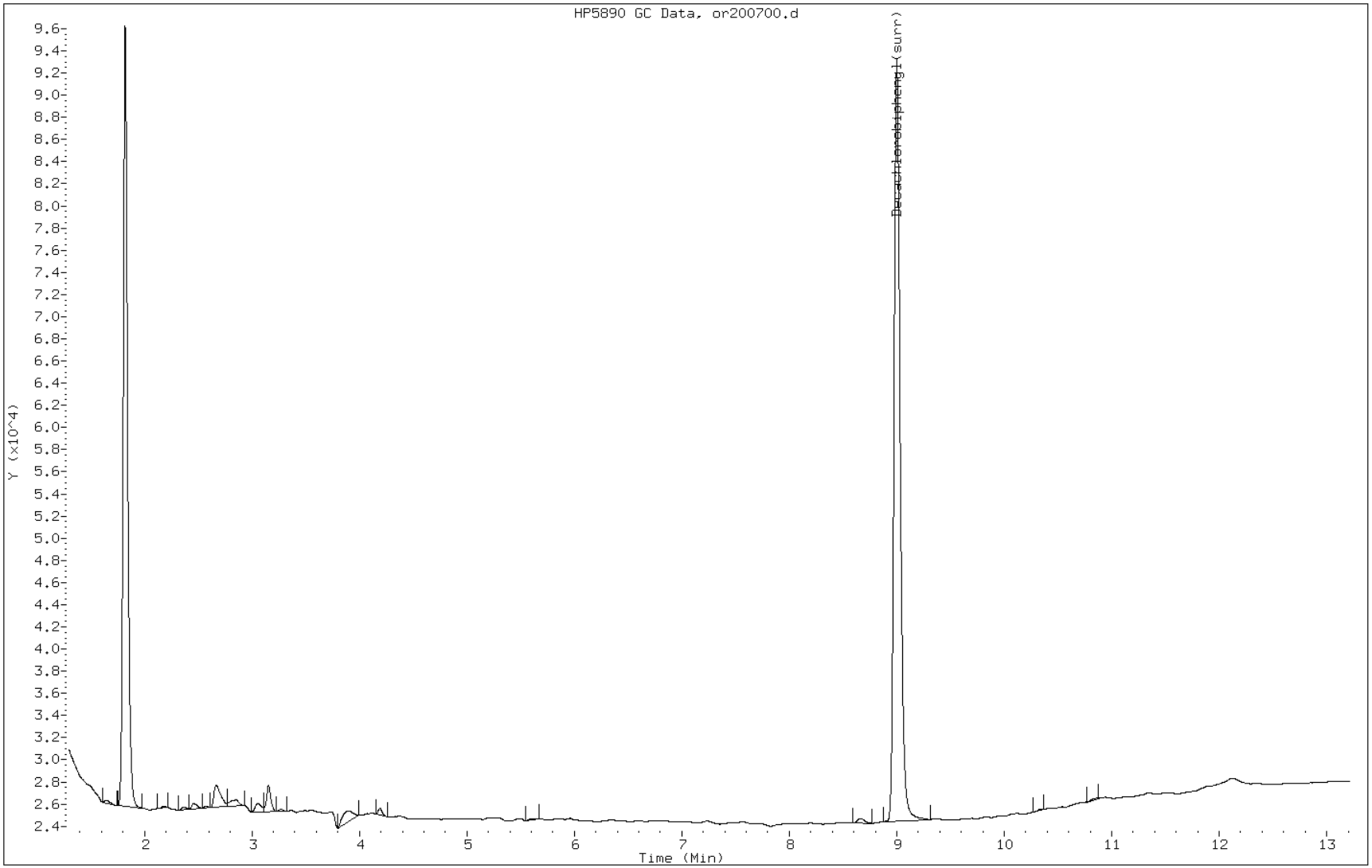
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.000	9.005	-0.005	272344	52.0967	35	80.00- 120.00	100.00

Data File: or200700.d

Date: 18-MAR-2013 15:15

Client ID: PMP-23-NE-VS Instrument: PESTGC7.i

Sample Info: 460-52450-F-4-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS Lab Sample ID: 460-52450-5

Matrix: Solid Lab File ID: of200701.d

Analysis Method: 8082 Date Collected: 03/14/2013 09:45

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 15:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	91		71	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		45-138

Data File: of200701.d
Report Date: 18-Mar-2013 23:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/of200701.d
Lab Smp Id: 460-52450-F-5-A Client Smp ID: PMP-14-NE VS
Inj Date : 18-MAR-2013 15:31
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-5-A
Misc Info : 460-52450-F-5-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.01000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.605	3.590	0.015	3894	35.7270	24	80.00- 120.00	100.00(M)
4.148	4.140	0.008	37428	142.793	95	192.36- 288.54	961.04
4.450	4.447	0.003	10752	233.200	160	33.84- 50.76	276.10
4.565	4.562	0.003	19322	126.919	84	111.73- 167.59	496.13
4.910	4.908	0.002	19314	102.416	68	138.40- 207.60	495.94
5.070	5.068	0.002	23253	96.0607	64	177.65- 266.48	597.08
5.395	5.393	0.002	28288	134.006	89	154.92- 232.38	726.36
5.455	5.453	0.002	46107	152.530	100	221.84- 332.76	1183.87
Average of Peak Concentrations =					85		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.723	10.727	-0.004	165827	45.0843	30	80.00- 120.00	100.00

Data File: of200701.d
Report Date: 18-Mar-2013 23:54

QC Flag Legend

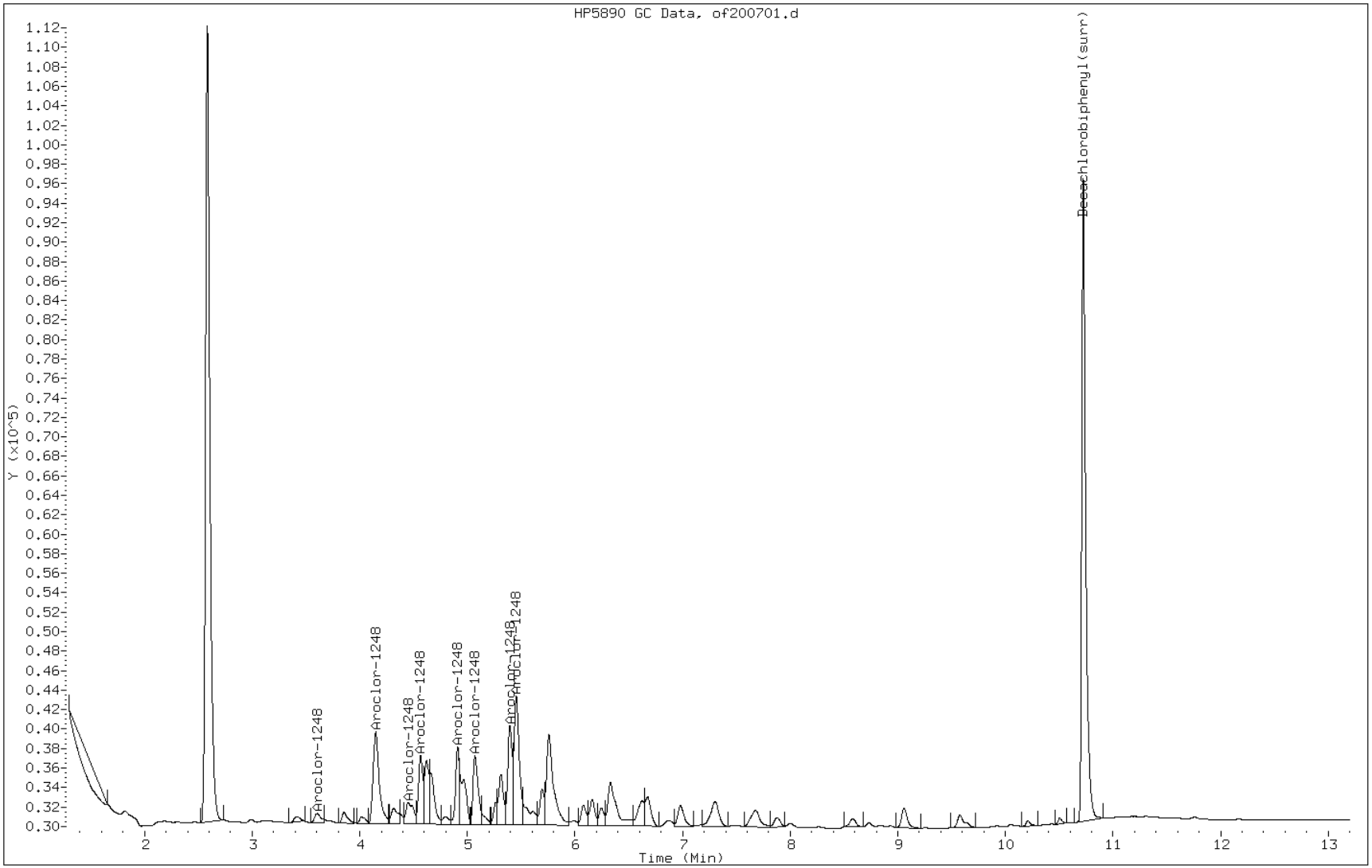
M - Compound response manually integrated.

Data File: of200701.d

Date: 18-MAR-2013 15:31

Client ID: PMP-14-NE VS Instrument: PESTGC7.i

Sample Info: 460-52450-F-5-A Operator:



Manual Integration Report

Data File: of200701.d
Inj. Date and Time: 18-MAR-2013 15:31
Instrument ID: PESTGC7.i
Client ID: PMP-14-NE VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 3.59

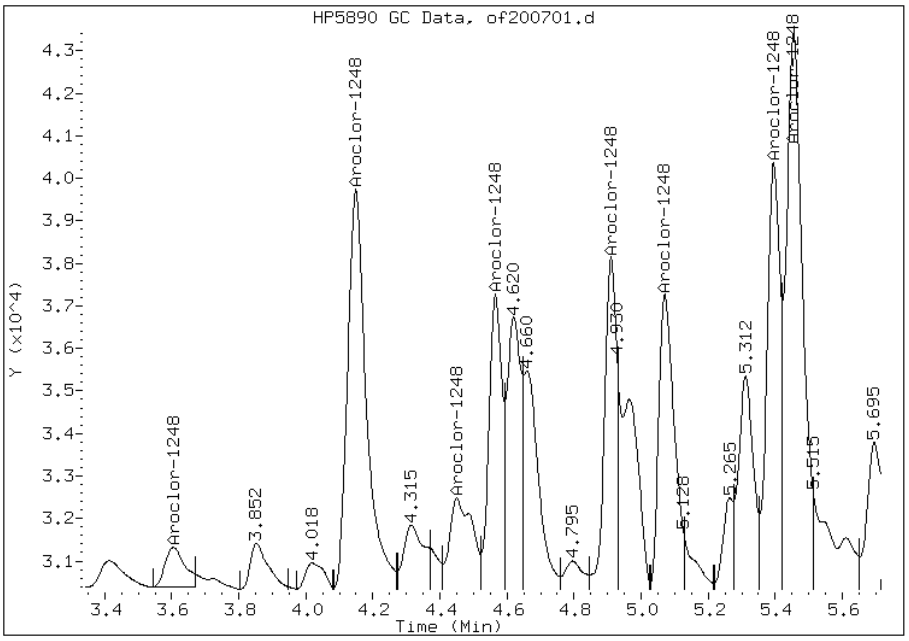
Manual Integration Results

RT: 3.60

Response: 3894

Amount: 127.96

Conc: 85.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS Lab Sample ID: 460-52450-5

Matrix: Solid Lab File ID: or200701.d

Analysis Method: 8082 Date Collected: 03/14/2013 09:45

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 15:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/or200701.d
Lab Smp Id: 460-52450-F-5-A Client Smp ID: PMP-14-NE VS
Inj Date : 18-MAR-2013 15:31
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-5-A
Misc Info : 460-52450-F-5-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.01000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.413	2.400	0.013	2791	31.3747	21	80.00- 120.00	100.00(M)
2.847	2.835	0.012	31784	121.801	81	234.68- 352.01	1138.80
3.042	3.033	0.009	7977	148.622	99	48.27- 72.40	285.81
3.185	3.180	0.005	27710	103.035	69	241.86- 362.79	992.83
3.407	3.402	0.005	23929	106.014	71	202.99- 304.48	857.36
3.497	3.493	0.004	14422	105.581	70	122.84- 184.26	516.73
3.767	3.767	0.000	10464	91.0776	61	103.32- 154.98	374.92
4.115	4.112	0.003	25582	95.1871	63	241.69- 362.54	916.59
Average of Peak Concentrations =					67		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.000	9.005	-0.005	210143	40.1983	27	80.00- 120.00	100.00

QC Flag Legend

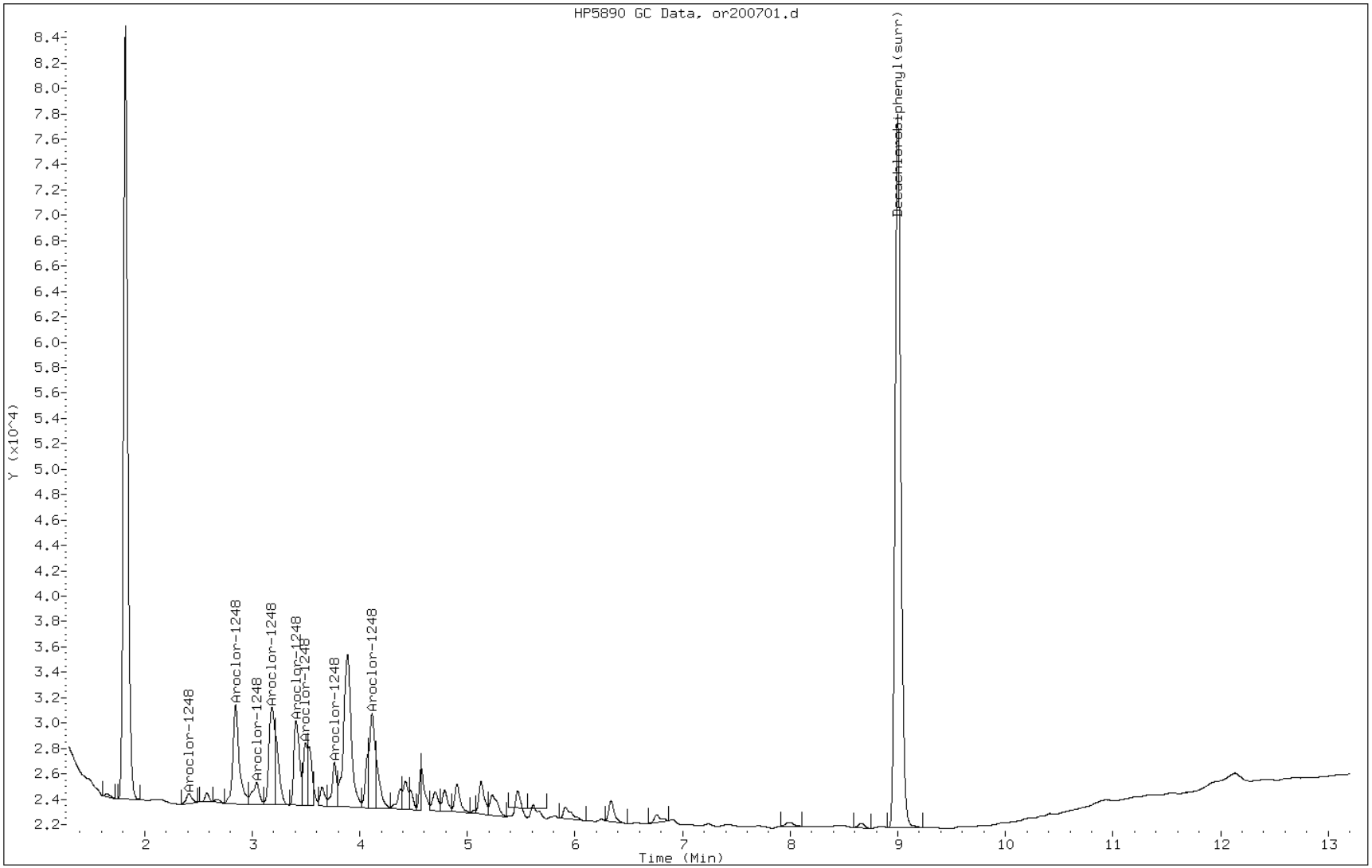
M - Compound response manually integrated.

Data File: or200701.d

Date: 18-MAR-2013 15:31

Client ID: PMP-14-NE VS Instrument: PESTGC7.i

Sample Info: 460-52450-F-5-A Operator:



Manual Integration Report

Data File: or200701.d
Inj. Date and Time: 18-MAR-2013 15:31
Instrument ID: PESTGC7.i
Client ID: PMP-14-NE VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.40

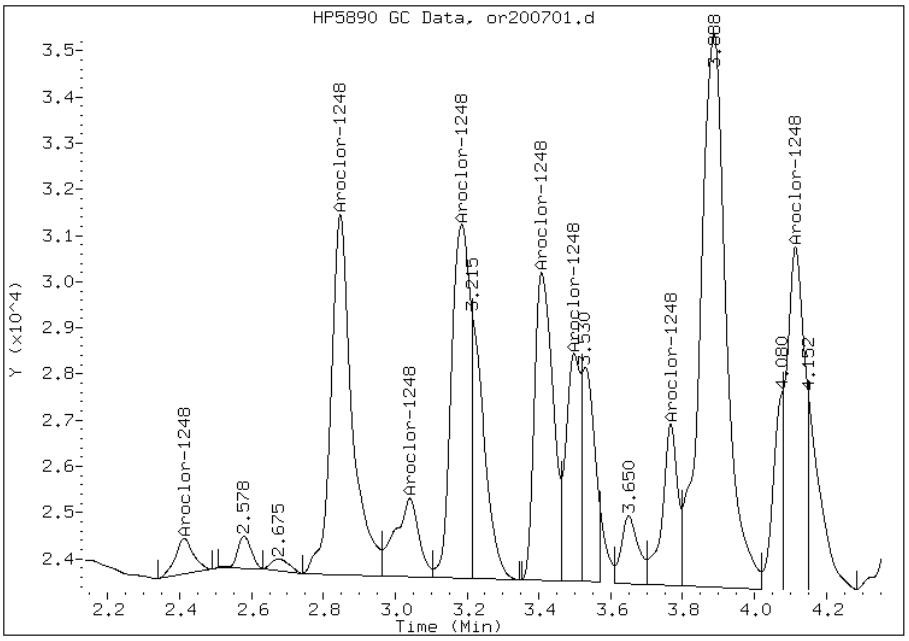
Manual Integration Results

RT: 2.41

Response: 2791

Amount: 100.34

Conc: 67.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS Lab Sample ID: 460-52450-6

Matrix: Solid Lab File ID: qf093673.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:30

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 08:58

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151716 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		45-138

Data File: qf093673.d
Report Date: 19-Mar-2013 11:08

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13a.b/qf093673.d
Lab Smp Id: 460-52450-F-6-A Client Smp ID: PMP-8-NE-VS
Inj Date : 19-MAR-2013 08:58
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-6-A
Misc Info : 460-52450-F-6-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13a.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 6
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.55556	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE		RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
3.653	3.656	-0.003	0			0.00-	0.00	0.00
4.494	4.493	0.001	0			0.00-	0.00	0.00
4.922	4.927	-0.005	0			0.00-	0.00	0.00
5.107	5.111	-0.004	13075340	696.736	2400	0.00-	0.00	41.95
5.569	5.574	-0.005	19554495	725.299	2600	0.00-	0.00	62.74
5.781	5.785	-0.004	25512493	894.226	3100	0.00-	0.00	81.85
6.220	6.222	-0.002	20241748	722.550	2500	0.00-	0.00	64.94
6.291	6.294	-0.003	29266098	744.363	2600	0.00-	0.00	93.89
Average of Peak Concentrations =					2700			
27 Aroclor-1260					CAS #: 11096-82-5			
7.868	7.818	0.050	0			0.00-	0.00	0.00(M)

Data File: qf093673.d
Report Date: 19-Mar-2013 11:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.264	8.276	-0.012	0			0.00- 0.00	0.00
9.150	9.161	-0.011	0			0.00- 0.00	0.00
9.387	9.399	-0.012	2575904	69.8832	240	0.00- 0.00	20.75
9.506	9.516	-0.010	1193180	60.5145	210	0.00- 0.00	9.61
9.956	9.963	-0.007	1688984	57.6724	200	0.00- 0.00	13.61
10.659	10.663	-0.004	2223585	69.6251	240	0.00- 0.00	17.92
11.144	11.149	-0.005	766630	57.6020	200	0.00- 0.00	6.18
		Average of Peak Concentrations =			220		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.596	11.602	-0.006	5199357	10.5432	37	80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: qf093673.d

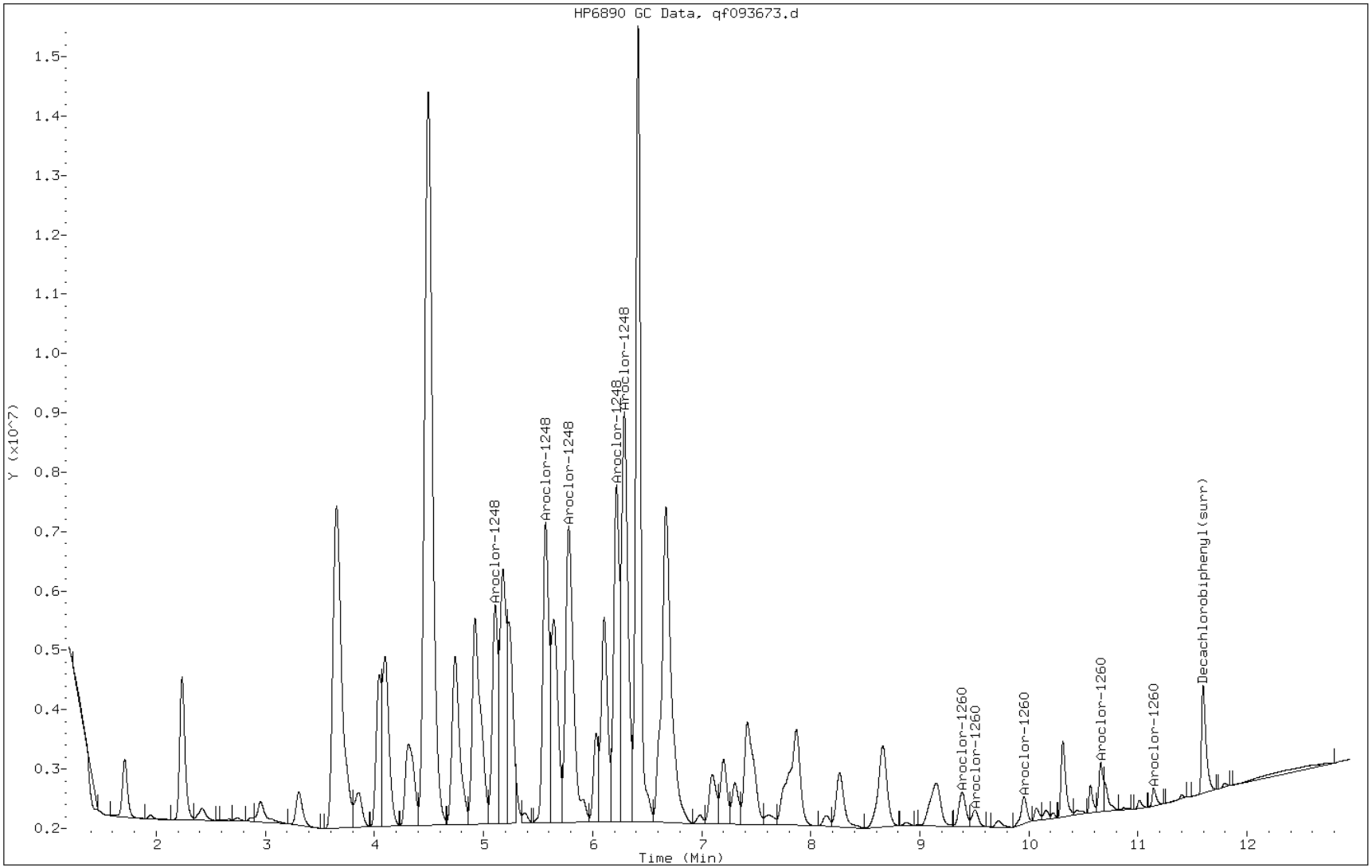
Date: 19-MAR-2013 08:58

Client ID: PMP-8-NE-VS

Instrument: PESTGC8.i

Sample Info: 460-52450-F-6-A

Operator:



Manual Integration Report

Data File: qf093673.d
Inj. Date and Time: 19-MAR-2013 08:58
Instrument ID: PESTGC8.i
Client ID: PMP-8-NE-VS
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

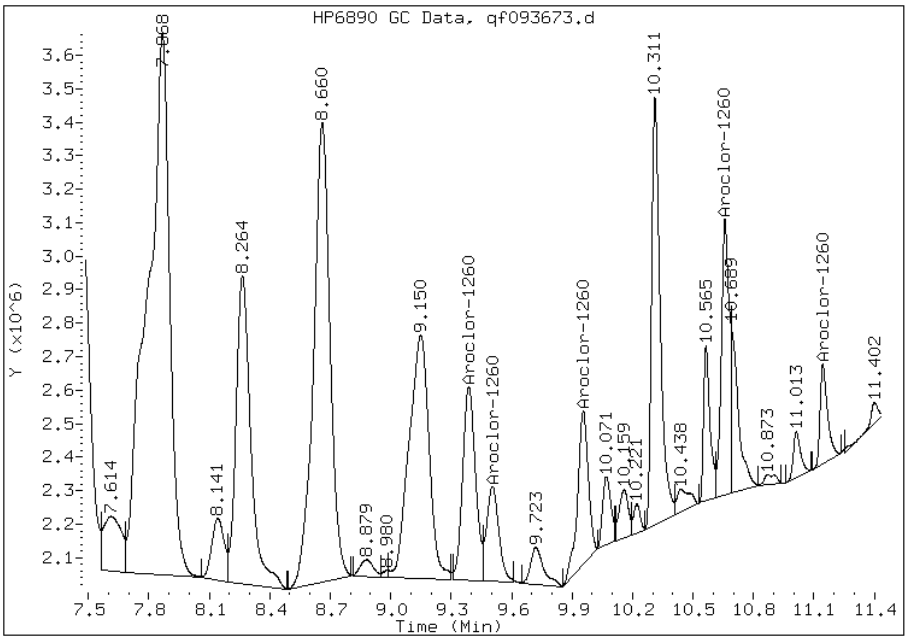
Manual Integration Results

RT: 7.87

Response: 0

Amount: 63.06

Conc: 220.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS Lab Sample ID: 460-52450-6

Matrix: Solid Lab File ID: qr093673.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:30

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 08:58

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	79	U	350	79
11104-28-2	Aroclor 1221	79	U	350	79
11141-16-5	Aroclor 1232	79	U	350	79
53469-21-9	Aroclor 1242	79	U	350	79
12672-29-6	Aroclor 1248	2800		350	79
11097-69-1	Aroclor 1254	100	U	350	100
11096-82-5	Aroclor 1260	250	J	350	100
37324-23-5	Aroclor 1262	100	U	350	100
11100-14-4	Aroclor 1268	100	U	350	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13a.b/qr093673.d
Lab Smp Id: 460-52450-F-6-A Client Smp ID: PMP-8-NE-VS
Inj Date : 19-MAR-2013 08:58
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-6-A
Misc Info : 460-52450-F-6-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13a.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 6
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.55556	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.400	2.397	0.003	0			80.00- 120.00	0.00(MH)
2.989	2.984	0.005	0			205.22- 307.83	0.00
3.314	3.315	-0.001	0			125.25- 187.88	0.00
3.492	3.487	0.005	44715330	738.759	2600	248.52- 372.77	105.83
3.851	3.853	-0.002	43530371	842.913	3000	212.04- 318.06	103.02
3.998	3.998	0.000	25280741	833.897	2900	124.47- 186.71	59.83
4.422	4.425	-0.003	22713901	760.746	2700	122.59- 183.88	53.76
4.934	4.937	-0.003	28827839	732.357	2600	161.62- 242.43	68.23
Average of Peak Concentrations =					2800		
27 Aroclor-1260					CAS #: 11096-82-5		
5.880	5.887	-0.007	0			80.00- 120.00	0.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.329	6.337	-0.008	0			145.55- 218.32	0.00
6.766	6.773	-0.007	0			140.64- 210.95	0.00
6.963	6.970	-0.007	2808492	60.2273	210	73.78- 110.68	38.53
7.379	7.387	-0.008	3825498	78.8495	280	75.71- 113.56	52.48
8.609	8.621	-0.012	4095945	66.1905	230	96.73- 145.09	56.19
8.819	8.833	-0.014	2641595	76.2056	270	53.49- 80.23	36.24
9.975	9.984	-0.009	2237820	73.6550	260	47.38- 71.07	30.70
		Average of Peak Concentrations =			250		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.515	10.520	-0.005	10219011	13.5421	48	80.00- 120.00	100.00(aM)

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: qr093673.d

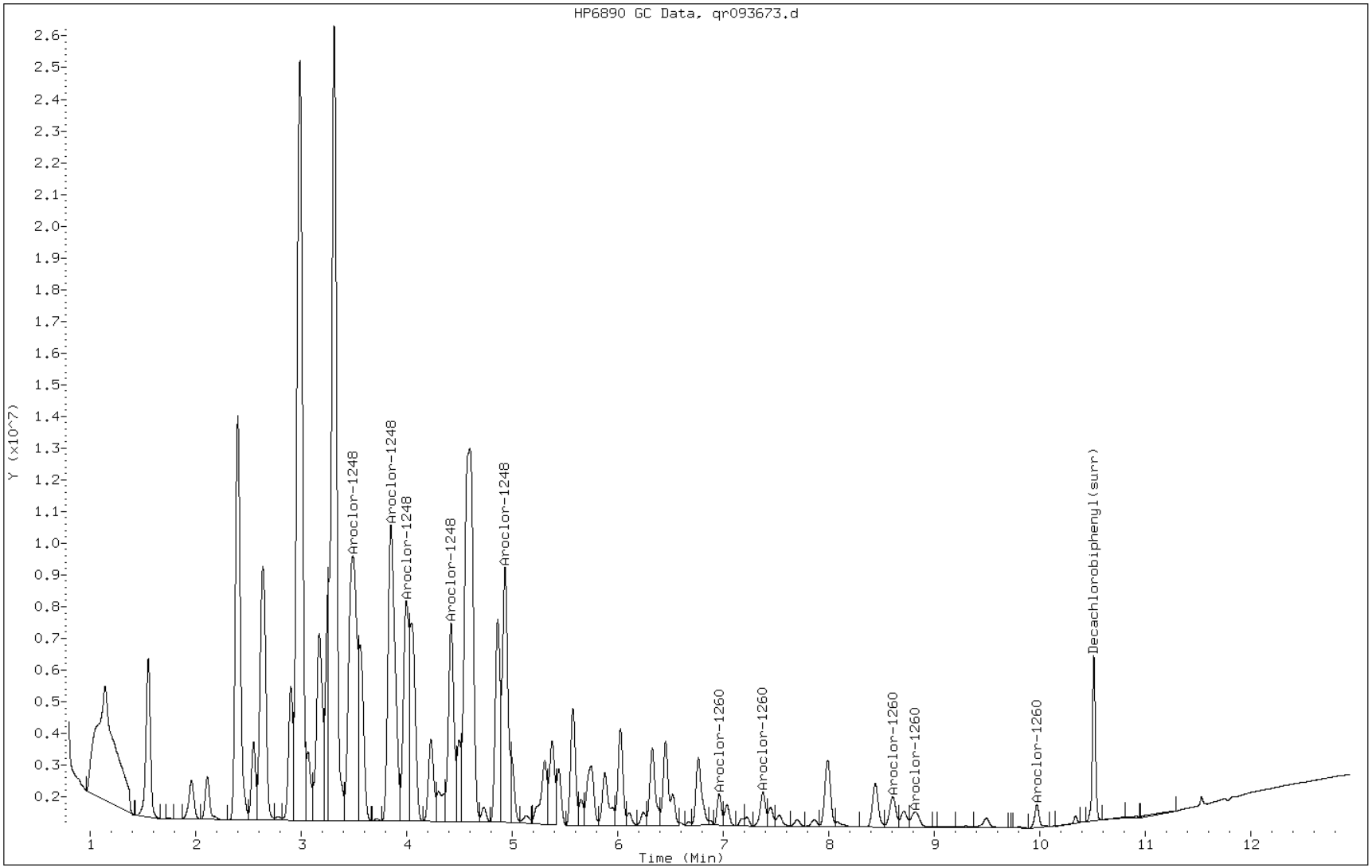
Date: 19-MAR-2013 08:58

Client ID: PMP-8-NE-VS

Instrument: PESTGC8.i

Sample Info: 460-52450-F-6-A

Operator:



Manual Integration Report

Data File: qr093673.d
Inj. Date and Time: 19-MAR-2013 08:58
Instrument ID: PESTGC8.i
Client ID: PMP-8-NE-VS
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 03/19/2013

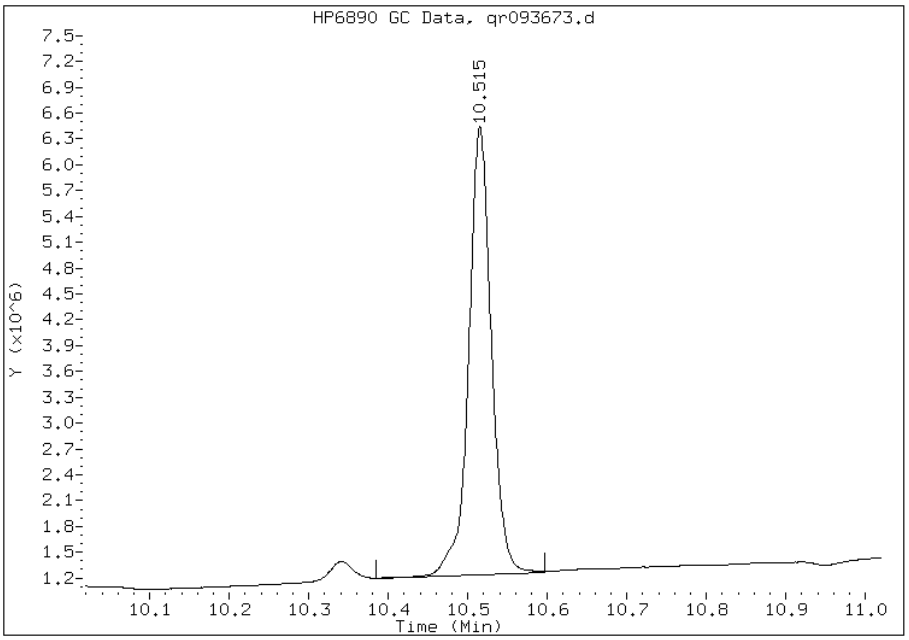
Processing Integration Results

RT: 10.52

Response: 10397677

Amount: 13.78

Conc: 48.50



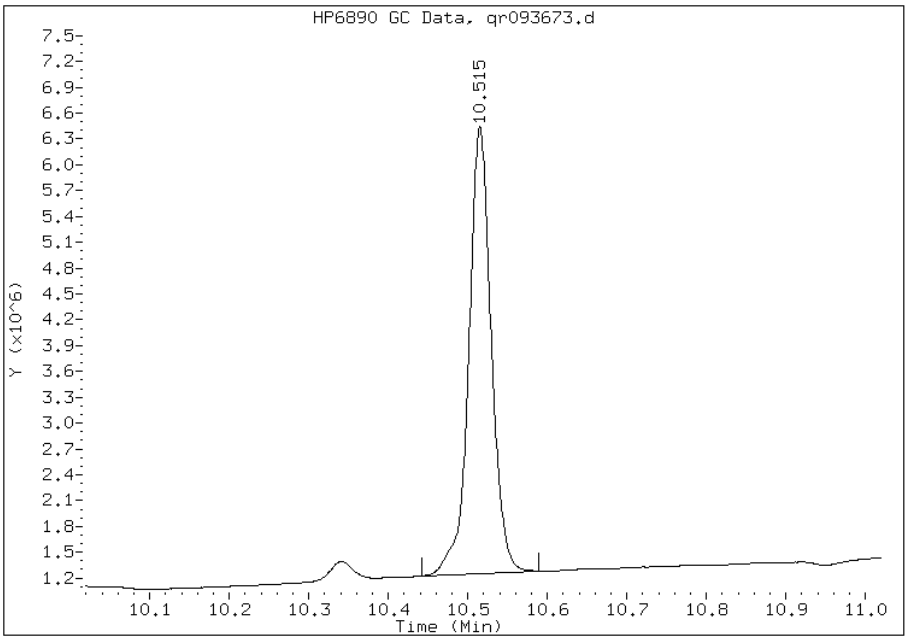
Manual Integration Results

RT: 10.52

Response: 10219011

Amount: 13.54

Conc: 47.67



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qr093673.d
Inj. Date and Time: 19-MAR-2013 08:58
Instrument ID: PESTGC8.i
Client ID: PMP-8-NE-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

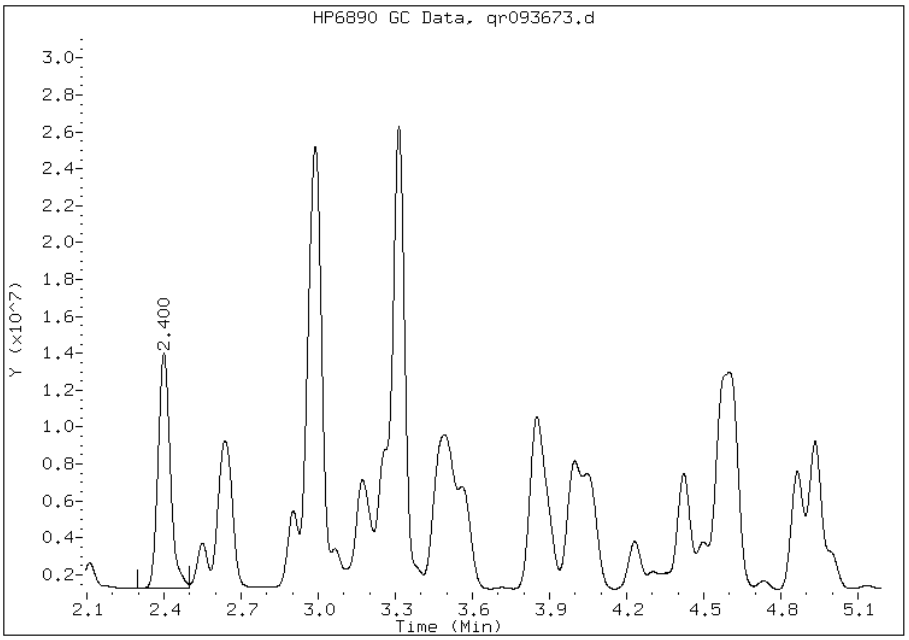
Processing Integration Results

RT: 2.40

Response: 42252469

Amount: 1345.27

Conc: 4700.00



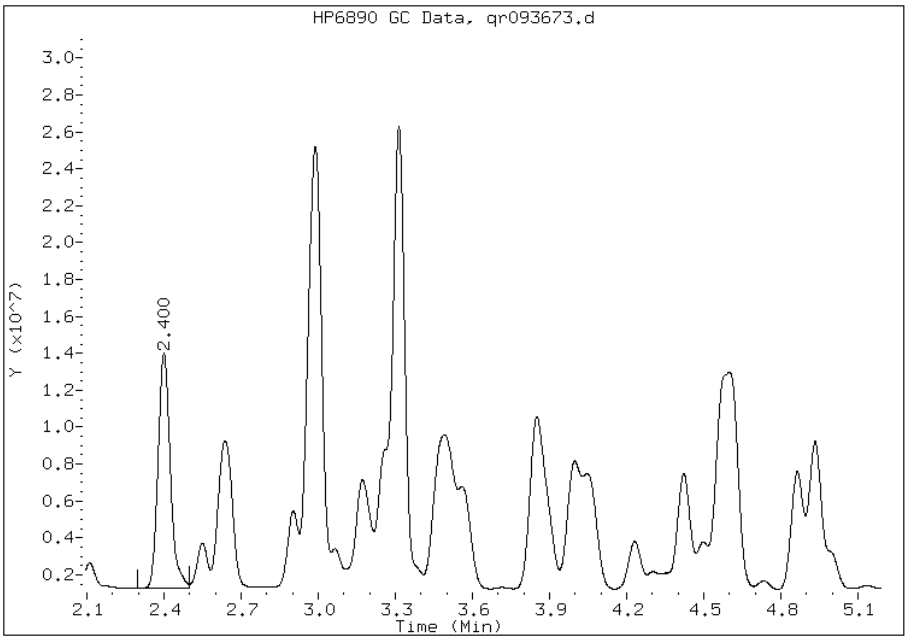
Manual Integration Results

RT: 2.40

Response: 0

Amount: 781.73

Conc: 2800.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD Lab Sample ID: 460-52450-7

Matrix: Solid Lab File ID: of200703.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:35

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 16:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		45-138

Data File: of200703.d
Report Date: 18-Mar-2013 23:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/of200703.d
Lab Smp Id: 460-52450-F-7-A Client Smp ID: PMP-8-NE-VD
Inj Date : 18-MAR-2013 16:04
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-7-A
Misc Info : 460-52450-F-7-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

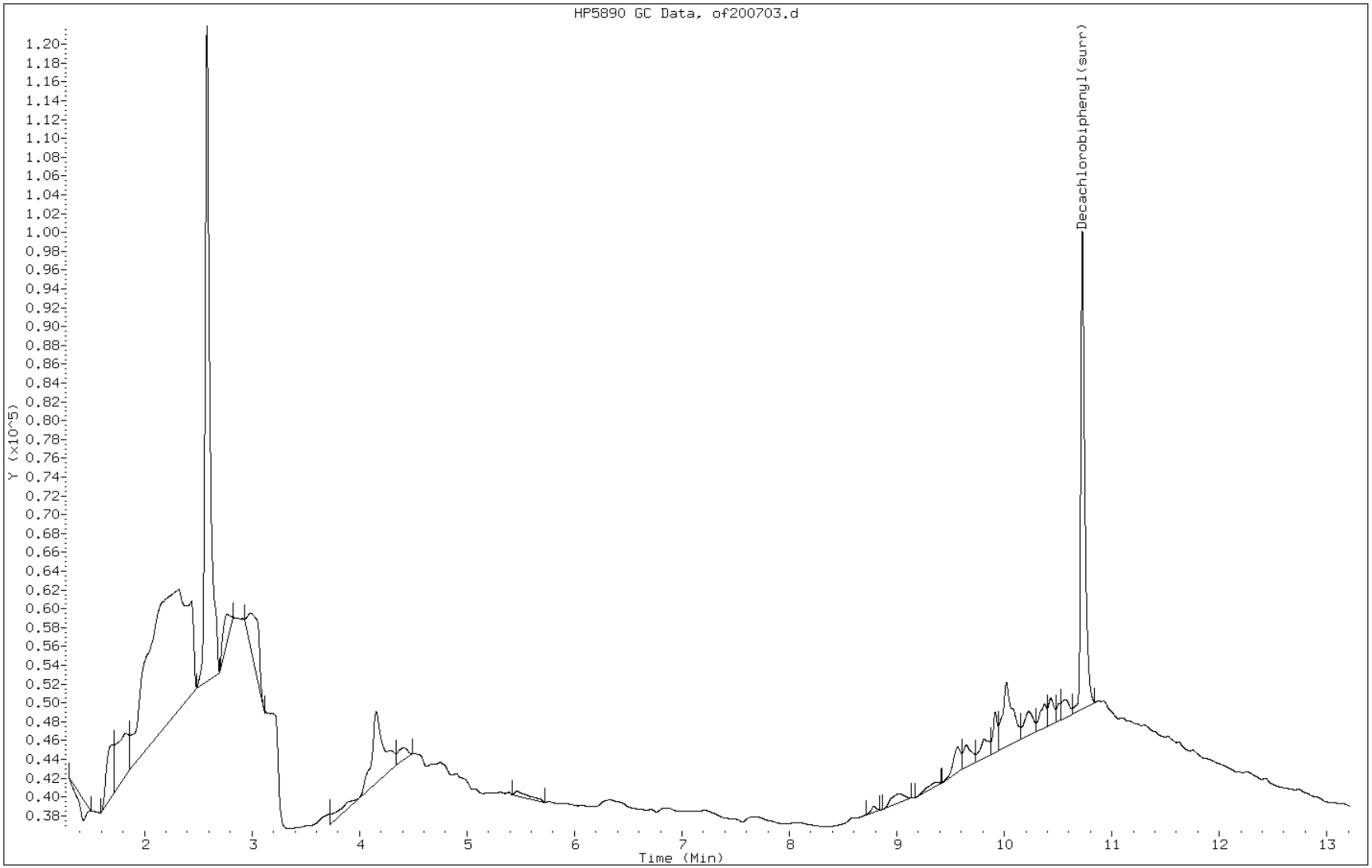
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.725	10.727	-0.002	133026	36.1665	24	80.00- 120.00	100.00

Data File: of200703.d

Date: 18-MAR-2013 16:04

Client ID: PMP-8-NE-VD Instrument: PESTGC7.i

Sample Info: 460-52450-F-7-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD Lab Sample ID: 460-52450-7

Matrix: Solid Lab File ID: or200703.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:35

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 16:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	69	15
11104-28-2	Aroclor 1221	15	U	69	15
11141-16-5	Aroclor 1232	15	U	69	15
53469-21-9	Aroclor 1242	15	U	69	15
12672-29-6	Aroclor 1248	15	U	69	15
11097-69-1	Aroclor 1254	20	U	69	20
11096-82-5	Aroclor 1260	20	U	69	20
37324-23-5	Aroclor 1262	20	U	69	20
11100-14-4	Aroclor 1268	20	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	68		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/or200703.d
Lab Smp Id: 460-52450-F-7-A Client Smp ID: PMP-8-NE-VD
Inj Date : 18-MAR-2013 16:04
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-7-A
Misc Info : 460-52450-F-7-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

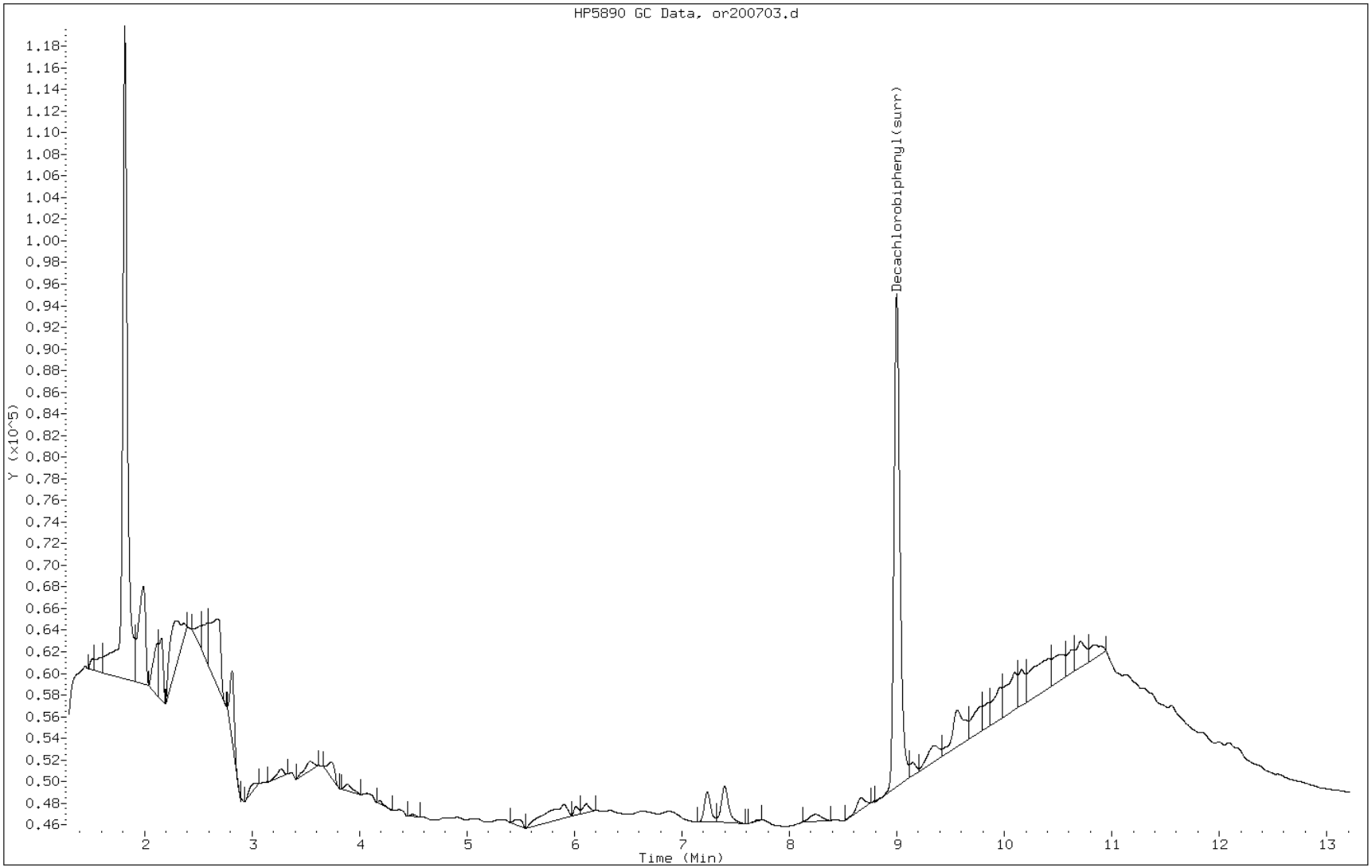
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.998	9.005	-0.007	177131	33.8834	22	80.00- 120.00	100.00

Data File: or200703.d

Date: 18-MAR-2013 16:04

Client ID: PMP-8-NE-VD Instrument: PESTGC7.i

Sample Info: 460-52450-F-7-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT Lab Sample ID: 460-52450-8

Matrix: Solid Lab File ID: of200704.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:40

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 16:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		45-138

Data File: of200704.d
Report Date: 18-Mar-2013 22:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/of200704.d
Lab Smp Id: 460-52450-F-8-A Client Smp ID: PMP-8-NE-WT
Inj Date : 18-MAR-2013 16:21
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-8-A
Misc Info : 460-52450-F-8-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.01000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

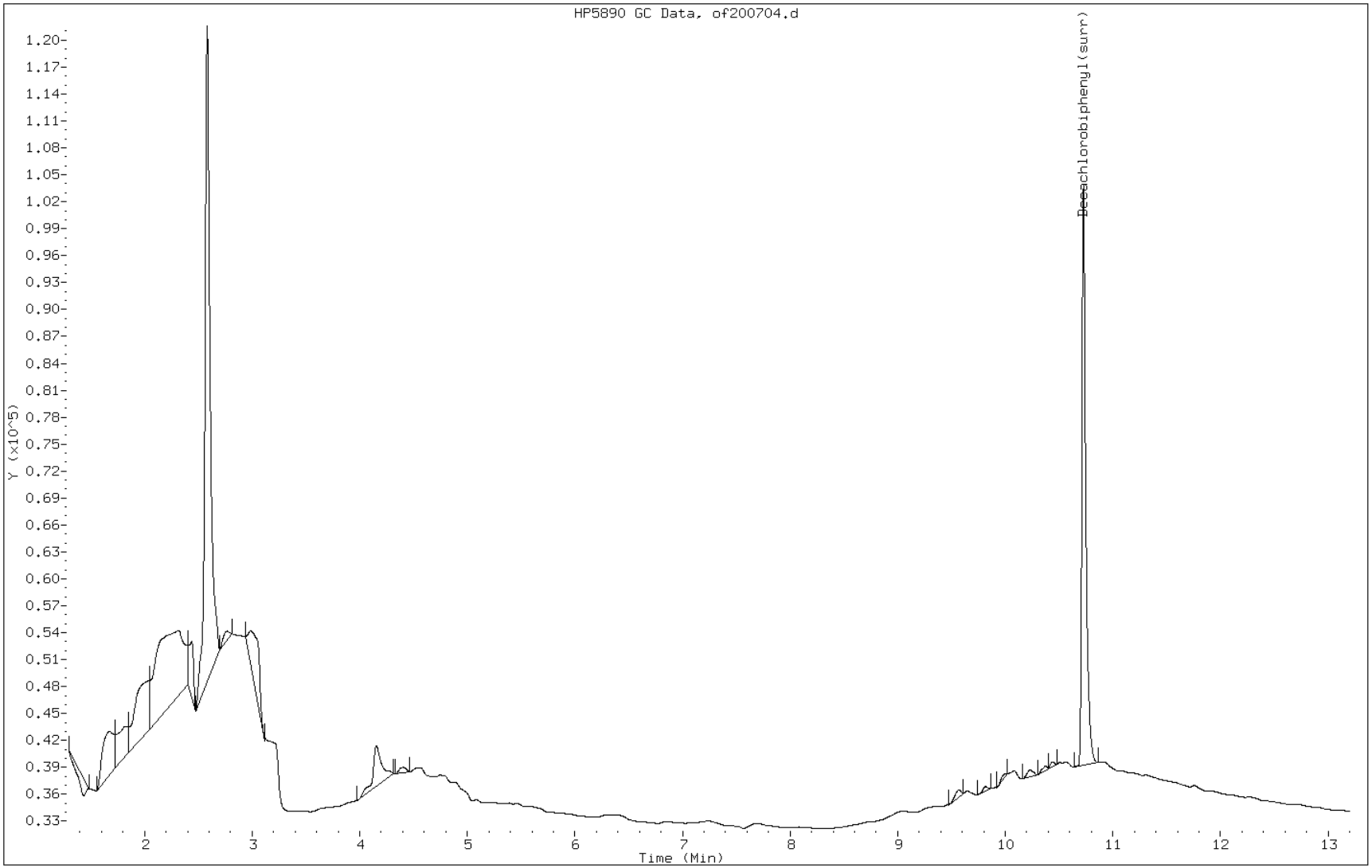
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.725	10.727	-0.002	162943	44.3002	30	80.00- 120.00	100.00

Data File: of200704.d

Date: 18-MAR-2013 16:21

Client ID: PMP-8-NE-WT Instrument: PESTGC7.i

Sample Info: 460-52450-F-8-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT Lab Sample ID: 460-52450-8

Matrix: Solid Lab File ID: or200704.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:40

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 16:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		45-138

Data File: or200704.d
Report Date: 18-Mar-2013 22:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/or200704.d
Lab Smp Id: 460-52450-F-8-A Client Smp ID: PMP-8-NE-WT
Inj Date : 18-MAR-2013 16:21
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-8-A
Misc Info : 460-52450-F-8-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.01000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

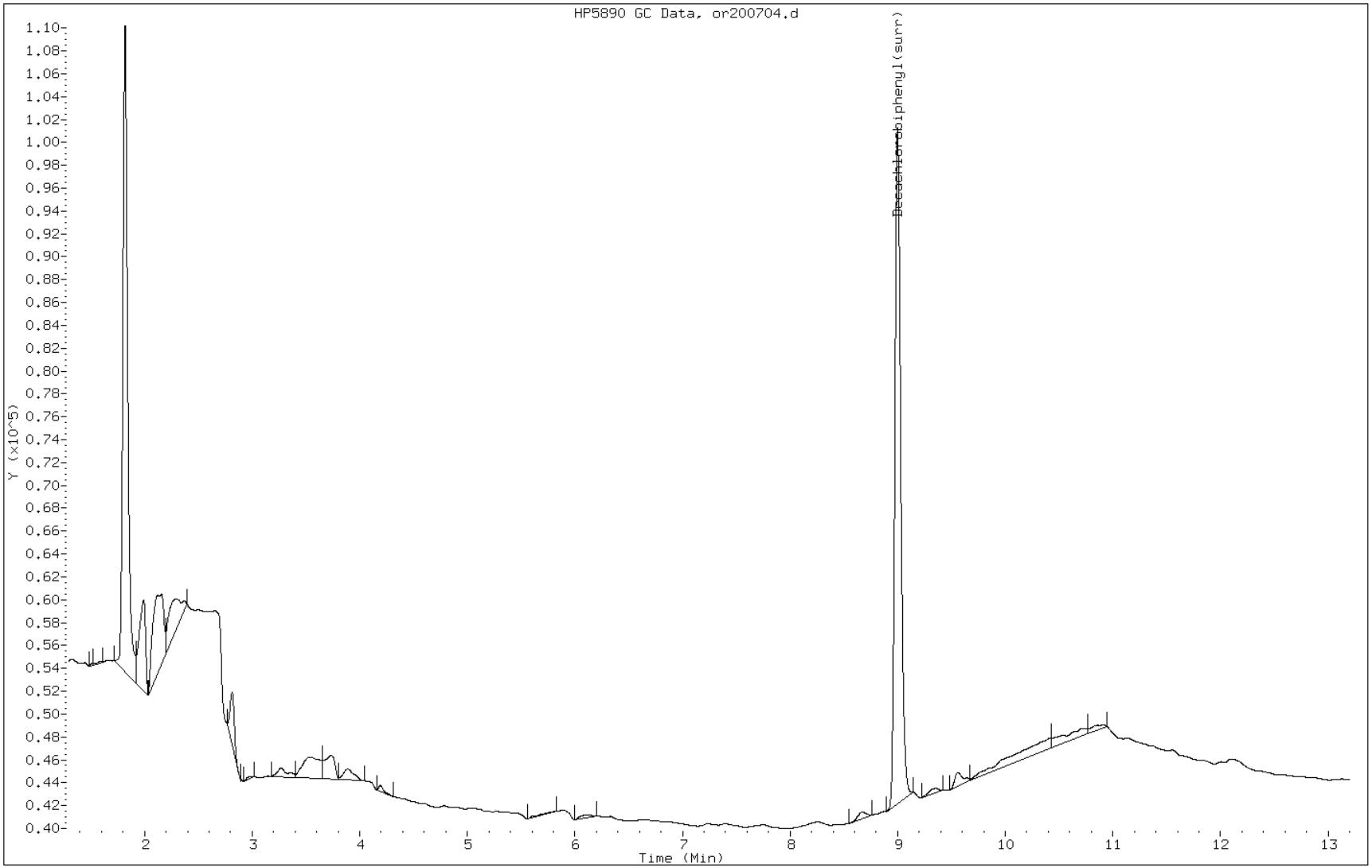
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.998	9.005	-0.007	223274	42.7102	28	80.00- 120.00	100.00

Data File: or200704.d

Date: 18-MAR-2013 16:21

Client ID: PMP-8-NE-WT Instrument: PESTGC7.i

Sample Info: 460-52450-F-8-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS Lab Sample ID: 460-52450-9

Matrix: Solid Lab File ID: qf093644.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:50

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 22:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		45-138

Data File: qf093644.d
Report Date: 19-Mar-2013 11:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093644.d
Lab Smp Id: 460-52450-F-9-D Client Smp ID: PMP-4-NE-VS
Inj Date : 18-MAR-2013 22:44
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-9-D
Misc Info : 460-52450-F-9-D
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.03000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE		RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
3.675	3.656	0.019	28422008	2155.81	1400	0.00-	0.00	100.00(M)
4.509	4.493	0.016	0			0.00-	0.00	0.00
4.933	4.927	0.006	0			0.00-	0.00	0.00
5.117	5.111	0.006	27438653	1462.10	970	0.00-	0.00	96.54
5.578	5.574	0.004	42364308	1571.34	1000	0.00-	0.00	149.05
5.788	5.785	0.003	57244991	2006.47	1300	0.00-	0.00	201.41
6.227	6.222	0.005	27634945	986.458	660	0.00-	0.00	97.23
6.300	6.294	0.006	63708040	1620.37	1100	0.00-	0.00	224.15
Average of Peak Concentrations =					1100			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.606	11.602	0.004	20797683	42.1733	28	80.00-	120.00	100.00

Data File: qf093644.d
Report Date: 19-Mar-2013 11:36

QC Flag Legend

M - Compound response manually integrated.

Data File: qf093644.d

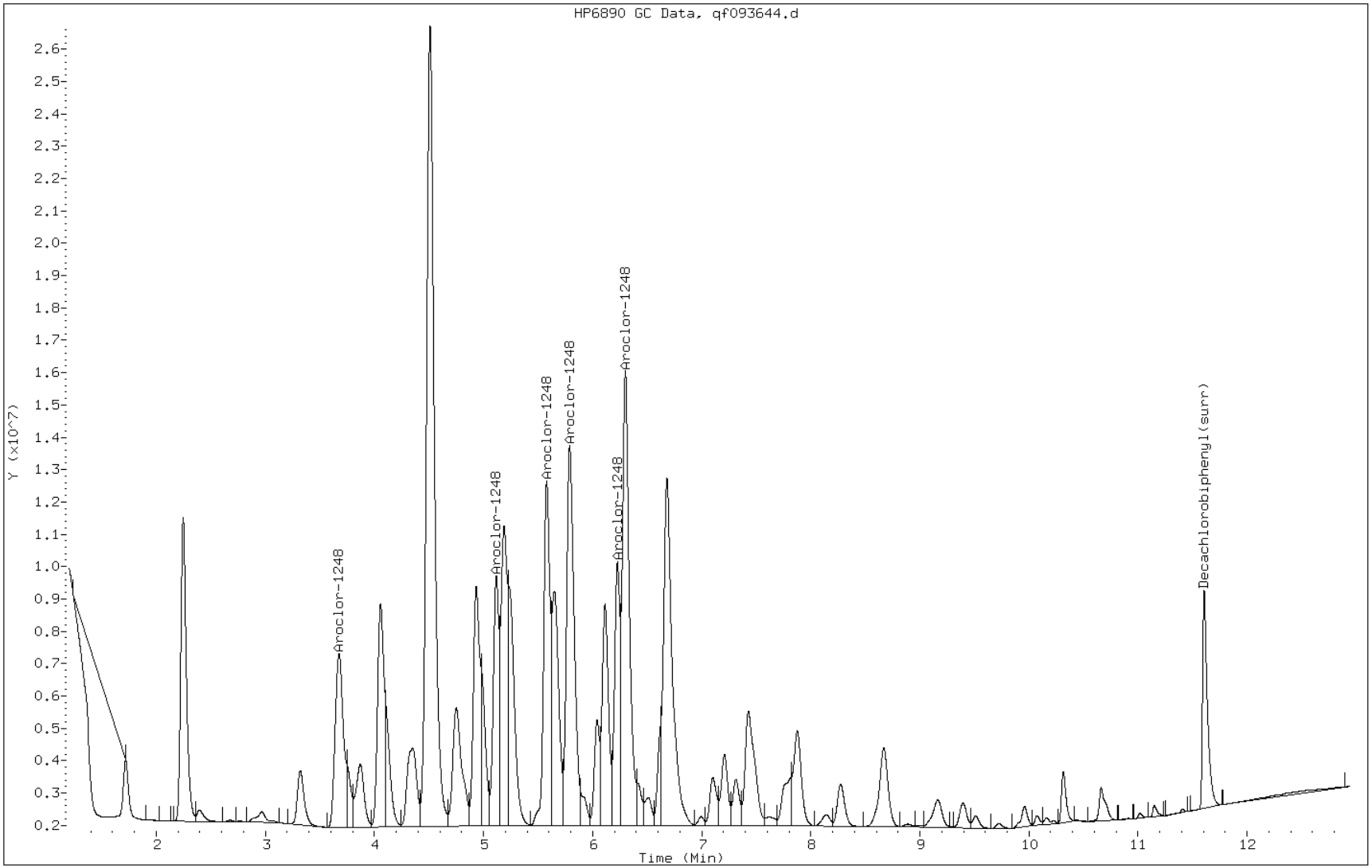
Date: 18-MAR-2013 22:44

Client ID: PMP-4-NE-VS

Instrument: PESTGC8.i

Sample Info: 460-52450-F-9-D

Operator:



Manual Integration Report

Data File: qf093644.d
Inj. Date and Time: 18-MAR-2013 22:44
Instrument ID: PESTGC8.i
Client ID: PMP-4-NE-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

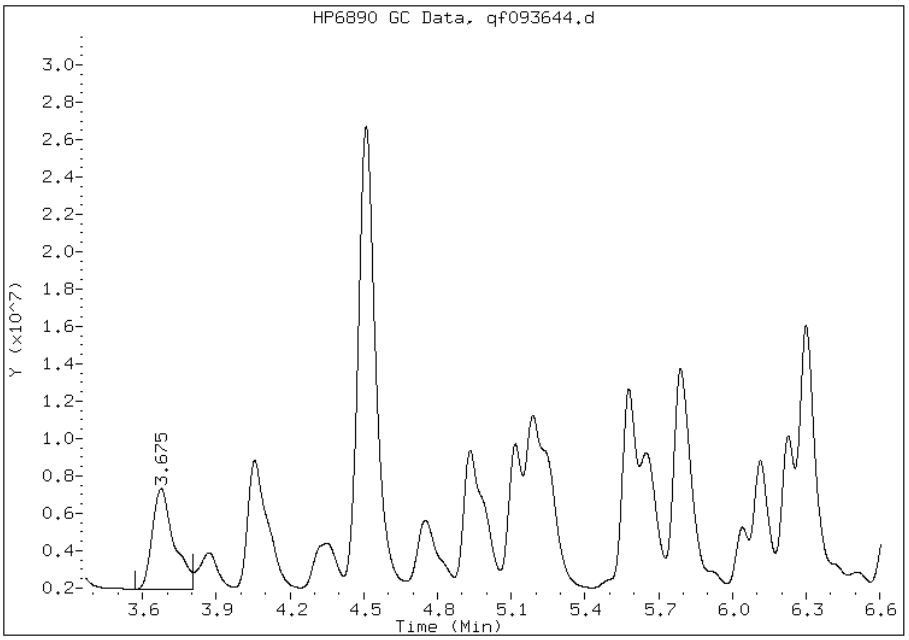
Processing Integration Results

RT: 3.68

Response: 33304921

Amount: 2321.96

Conc: 1500.00



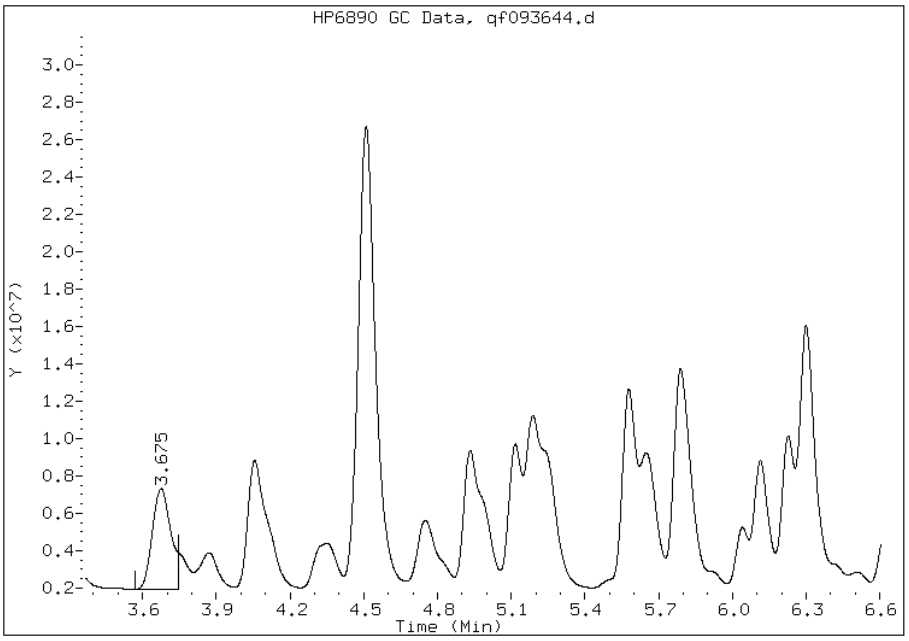
Manual Integration Results

RT: 3.68

Response: 28422008

Amount: 1633.76

Conc: 1100.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS | Lab Sample ID: 460-52450-9

Matrix: Solid | Lab File ID: qr093644.d

Analysis Method: 8082 | Date Collected: 03/14/2013 10:50

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.03(g) | Date Analyzed: 03/18/2013 22:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	72	16
11104-28-2	Aroclor 1221	16	U	72	16
11141-16-5	Aroclor 1232	16	U	72	16
53469-21-9	Aroclor 1242	16	U	72	16
12672-29-6	Aroclor 1248	1200		72	16
11097-69-1	Aroclor 1254	21	U	72	21
11096-82-5	Aroclor 1260	21	U	72	21
37324-23-5	Aroclor 1262	21	U	72	21
11100-14-4	Aroclor 1268	21	U	72	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093644.d
Lab Smp Id: 460-52450-F-9-D Client Smp ID: PMP-4-NE-VS
Inj Date : 18-MAR-2013 22:44
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-9-D
Misc Info : 460-52450-F-9-D
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.03000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.405	2.397	0.008	44490415	2283.38	1500	80.00- 120.00	100.00(M)
2.997	2.984	0.013	0			205.22- 307.83	0.00
3.259	3.315	-0.056	47455249	1555.60	1000	125.25- 187.88	106.66
3.496	3.487	0.009	96369434	1592.16	1000	248.52- 372.77	216.61
3.856	3.853	0.003	90771395	1757.68	1200	212.04- 318.06	204.02
4.001	3.998	0.003	61487306	2028.19	1300	124.47- 186.71	138.20
4.428	4.425	0.003	44232953	1481.47	980	122.59- 183.88	99.42
4.938	4.937	0.001	55896083	1420.01	940	161.62- 242.43	125.64
Average of Peak Concentrations =					1200		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.518	10.520	-0.002	27426832	36.3457	24	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: qr093644.d

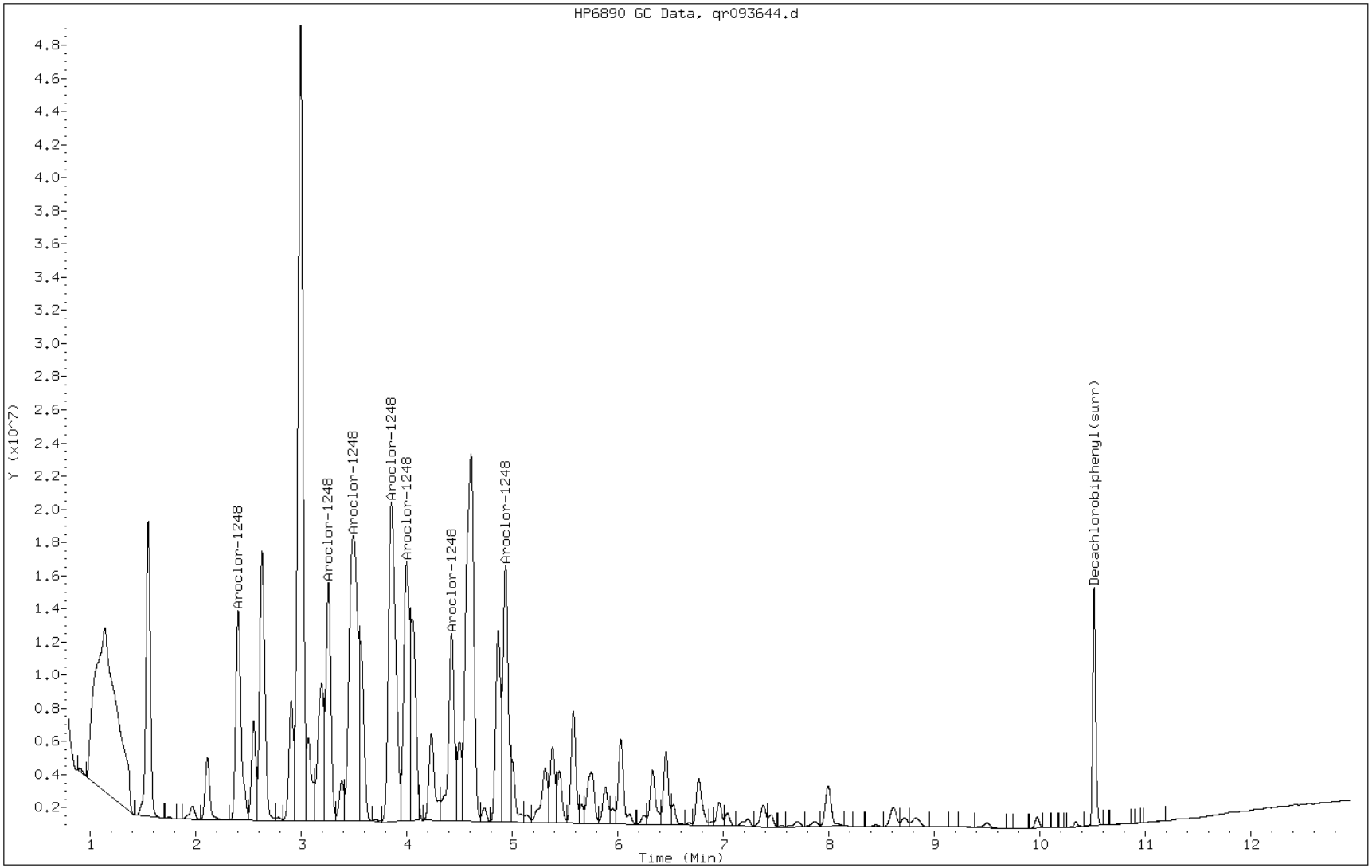
Date: 18-MAR-2013 22:44

Client ID: PMP-4-NE-VS

Instrument: PESTGC8.i

Sample Info: 460-52450-F-9-D

Operator:



Manual Integration Report

Data File: qr093644.d
Inj. Date and Time: 18-MAR-2013 22:44
Instrument ID: PESTGC8.i
Client ID: PMP-4-NE-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

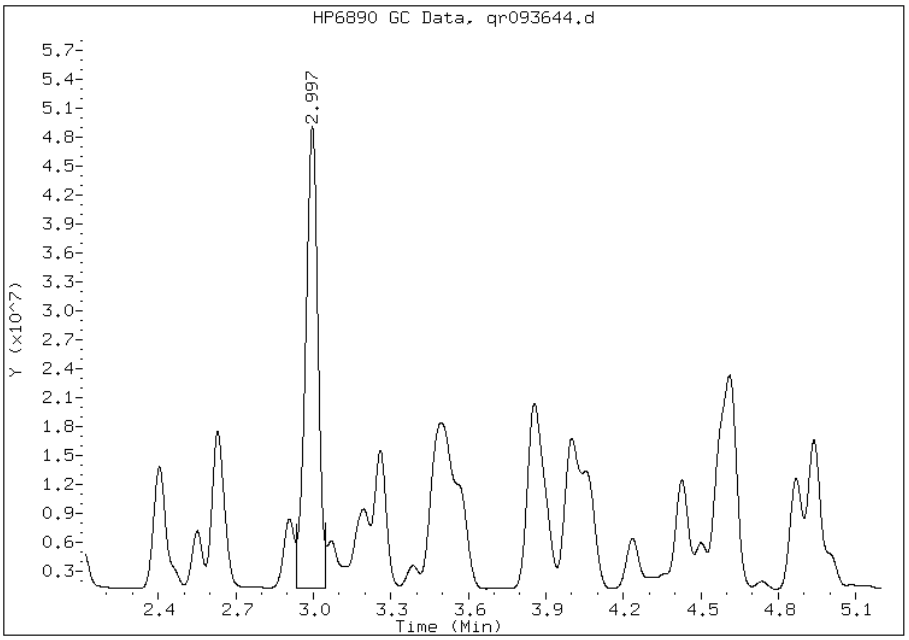
Processing Integration Results

RT: 3.00

Response: 159933341

Amount: 1914.79

Conc: 1300.00



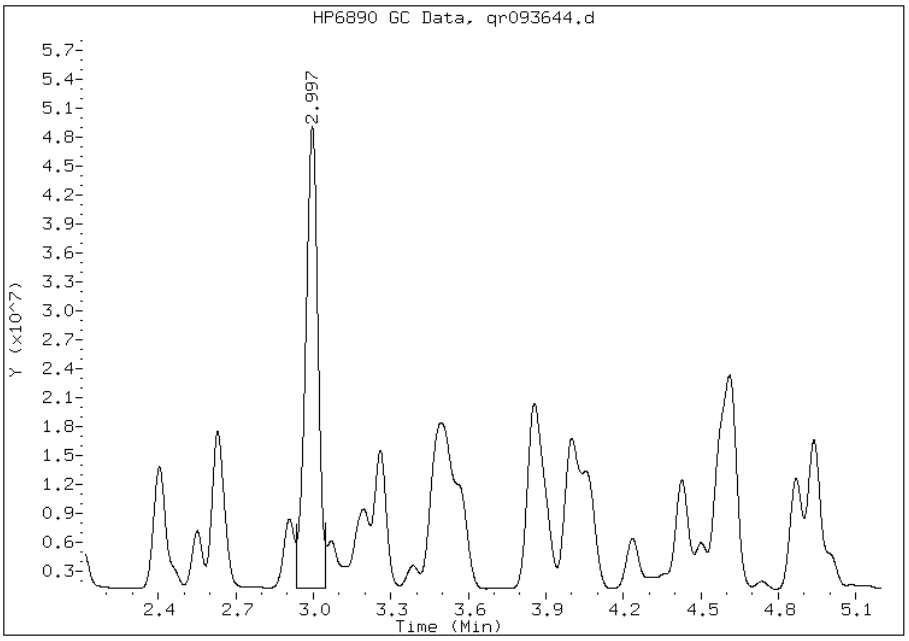
Manual Integration Results

RT: 3.00

Response: 0

Amount: 1731.21

Conc: 1200.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD Lab Sample ID: 460-52450-10

Matrix: Solid Lab File ID: qf093645.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:55

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 23:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	280		71	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		45-138

Data File: qf093645.d
Report Date: 19-Mar-2013 11:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093645.d
Lab Smp Id: 460-52450-F-10-B Client Smp ID: PMP-4-NE-VD
Inj Date : 18-MAR-2013 23:01
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-10-B
Misc Info : 460-52450-F-10-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE		RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
3.676	3.656	0.020	5184604	393.253	260	0.00-	0.00	100.00(M)
4.512	4.493	0.019	21866421	618.872	410	0.00-	0.00	421.76
4.936	4.927	0.009	4624391	741.618	490	0.00-	0.00	89.19
5.120	5.111	0.009	5254038	279.968	190	0.00-	0.00	101.34
5.581	5.574	0.007	8761613	324.979	220	0.00-	0.00	168.99
5.791	5.785	0.006	10151492	355.815	240	0.00-	0.00	195.80
6.230	6.222	0.008	5166879	184.437	120	0.00-	0.00	99.66
6.303	6.294	0.009	11782606	299.682	200	0.00-	0.00	227.26
Average of Peak Concentrations =					260			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.608	11.602	0.006	21604581	43.8096	29	80.00-	120.00	100.00

Data File: qf093645.d
Report Date: 19-Mar-2013 11:36

QC Flag Legend

M - Compound response manually integrated.

Data File: qf093645.d

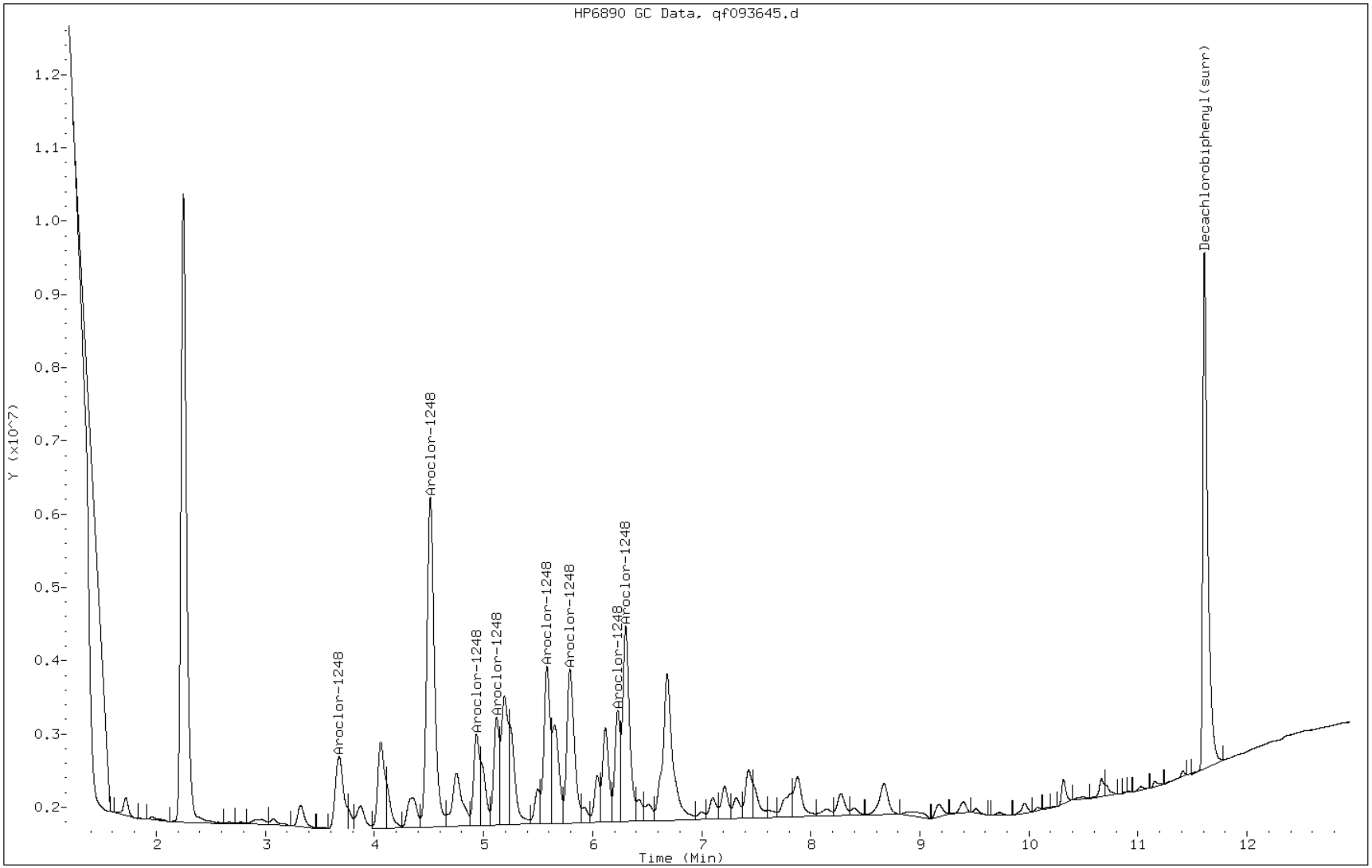
Date: 18-MAR-2013 23:01

Client ID: PMP-4-NE-VD

Instrument: PESTGC8.i

Sample Info: 460-52450-F-10-B

Operator:



Manual Integration Report

Data File: qf093645.d
Inj. Date and Time: 18-MAR-2013 23:01
Instrument ID: PESTGC8.i
Client ID: PMP-4-NE-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

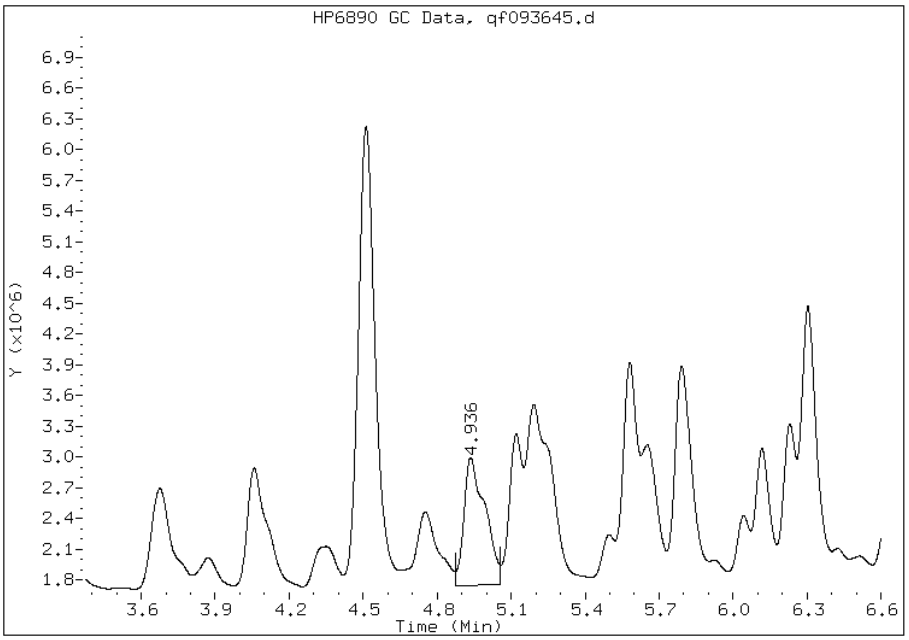
Processing Integration Results

RT: 4.94

Response: 7482262

Amount: 457.12

Conc: 300.00



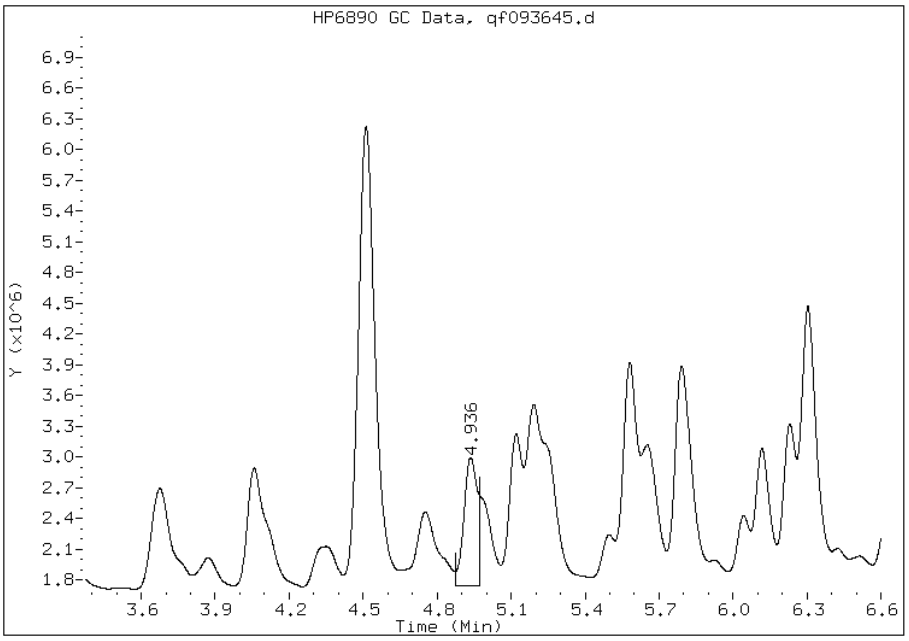
Manual Integration Results

RT: 4.94

Response: 4624391

Amount: 399.83

Conc: 260.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD Lab Sample ID: 460-52450-10

Matrix: Solid Lab File ID: qr093645.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:55

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 23:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093645.d
Lab Smp Id: 460-52450-F-10-B Client Smp ID: PMP-4-NE-VD
Inj Date : 18-MAR-2013 23:01
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-10-B
Misc Info : 460-52450-F-10-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.403	2.397	0.006	7736480	397.059	260	80.00- 120.00	100.00(M)
2.995	2.984	0.011	28483977	569.886	380	205.22- 307.83	368.18
3.258	3.315	-0.057	8259778	270.758	180	125.25- 187.88	106.76
3.494	3.487	0.007	17200334	284.173	190	248.52- 372.77	222.33
3.855	3.853	0.002	17266178	334.339	220	212.04- 318.06	223.18
4.001	3.998	0.003	10989599	362.497	240	124.47- 186.71	142.05
4.426	4.425	0.001	7748097	259.503	170	122.59- 183.88	100.15
4.938	4.937	0.001	10518880	267.227	180	161.62- 242.43	135.96
Average of Peak Concentrations =					230		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.519	10.520	-0.001	28303317	37.5072	25	80.00- 120.00	100.00

QC Flag Legend

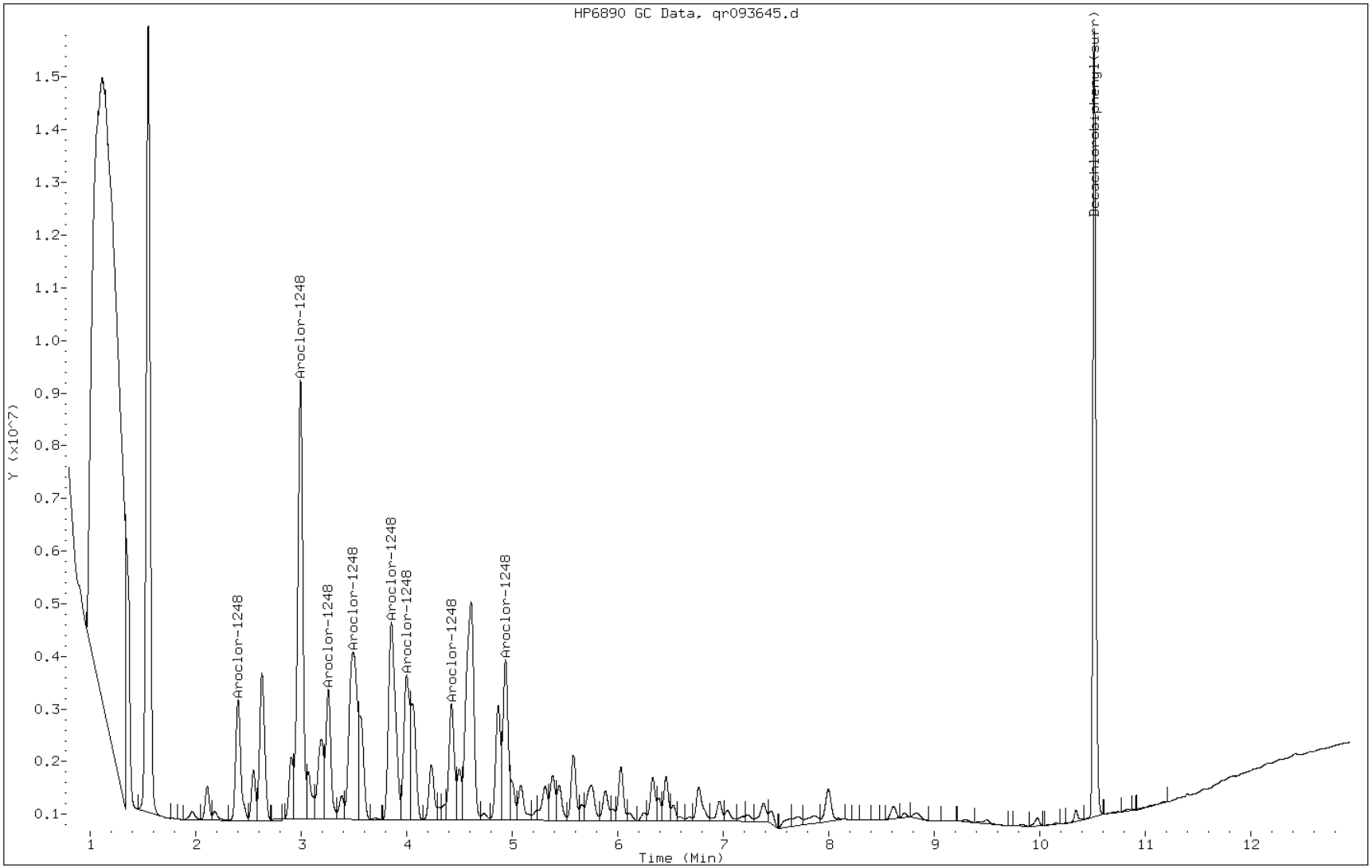
M - Compound response manually integrated.

Data File: qr093645.d

Date: 18-MAR-2013 23:01

Client ID: PMP-4-NE-VD Instrument: PESTGC8.i

Sample Info: 460-52450-F-10-B Operator:



Manual Integration Report

Data File: qr093645.d
Inj. Date and Time: 18-MAR-2013 23:01
Instrument ID: PESTGC8.i
Client ID: PMP-4-NE-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.40

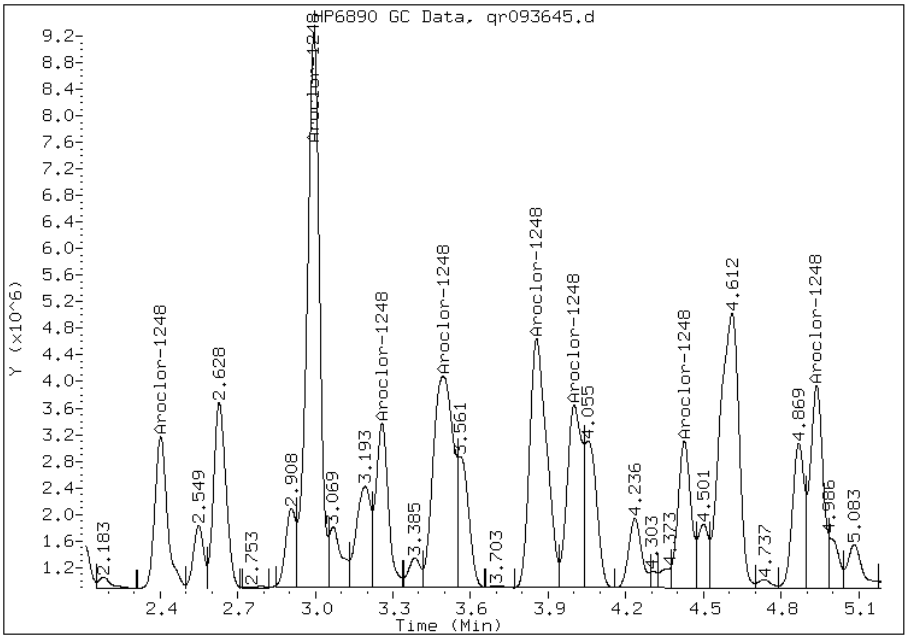
Manual Integration Results

RT: 2.40

Response: 7736480

Amount: 343.18

Conc: 230.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS Lab Sample ID: 460-52450-11

Matrix: Solid Lab File ID: qf093679.d

Analysis Method: 8082 Date Collected: 03/14/2013 11:25

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 10:44

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	260	J	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093679.d
Lab Smp Id: 460-52450-F-11-B Client Smp ID: PMP-22-NE-VS
Inj Date : 19-MAR-2013 10:44
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-11-B
Misc Info : 460-52450-F-11-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 12
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.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	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.90476	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.690	3.656	0.034	6629405	502.841	3600	0.00- 0.00	100.00(M)
4.527	4.493	0.034	0			0.00- 0.00	0.00
4.949	4.927	0.022	0			0.00- 0.00	0.00
5.134	5.111	0.023	13826011	736.736	5200	0.00- 0.00	208.56
5.595	5.574	0.021	22389772	830.463	5900	0.00- 0.00	337.73
5.805	5.785	0.020	29950655	1049.79	7400	0.00- 0.00	451.78
6.243	6.222	0.021	12420399	443.359	3100	0.00- 0.00	187.35
6.316	6.294	0.022	32193327	818.815	5800	0.00- 0.00	485.61
Average of Peak Concentrations =					5200		
27 Aroclor-1260					CAS #: 11096-82-5		
7.778	7.818	-0.040	0			0.00- 0.00	0.00(MH)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE		RATIO
27 Aroclor-1260 (continued)								
8.292	8.276	0.016	2877364	52.0364	370	0.00-	0.00	91.28
9.182	9.161	0.021	2947601	41.7340	300	0.00-	0.00	93.51
9.414	9.399	0.015	1504961	40.8290	290	0.00-	0.00	47.74
9.528	9.516	0.012	761963	38.6445	270	0.00-	0.00	24.17
9.972	9.963	0.009	811501	27.7097	200	0.00-	0.00	25.74
10.670	10.663	0.007	919159	28.7808	200	0.00-	0.00	29.16
11.160	11.149	0.011	330099	24.8025	180	0.00-	0.00	10.47
		Average of Peak Concentrations =			260			

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qf093679.d

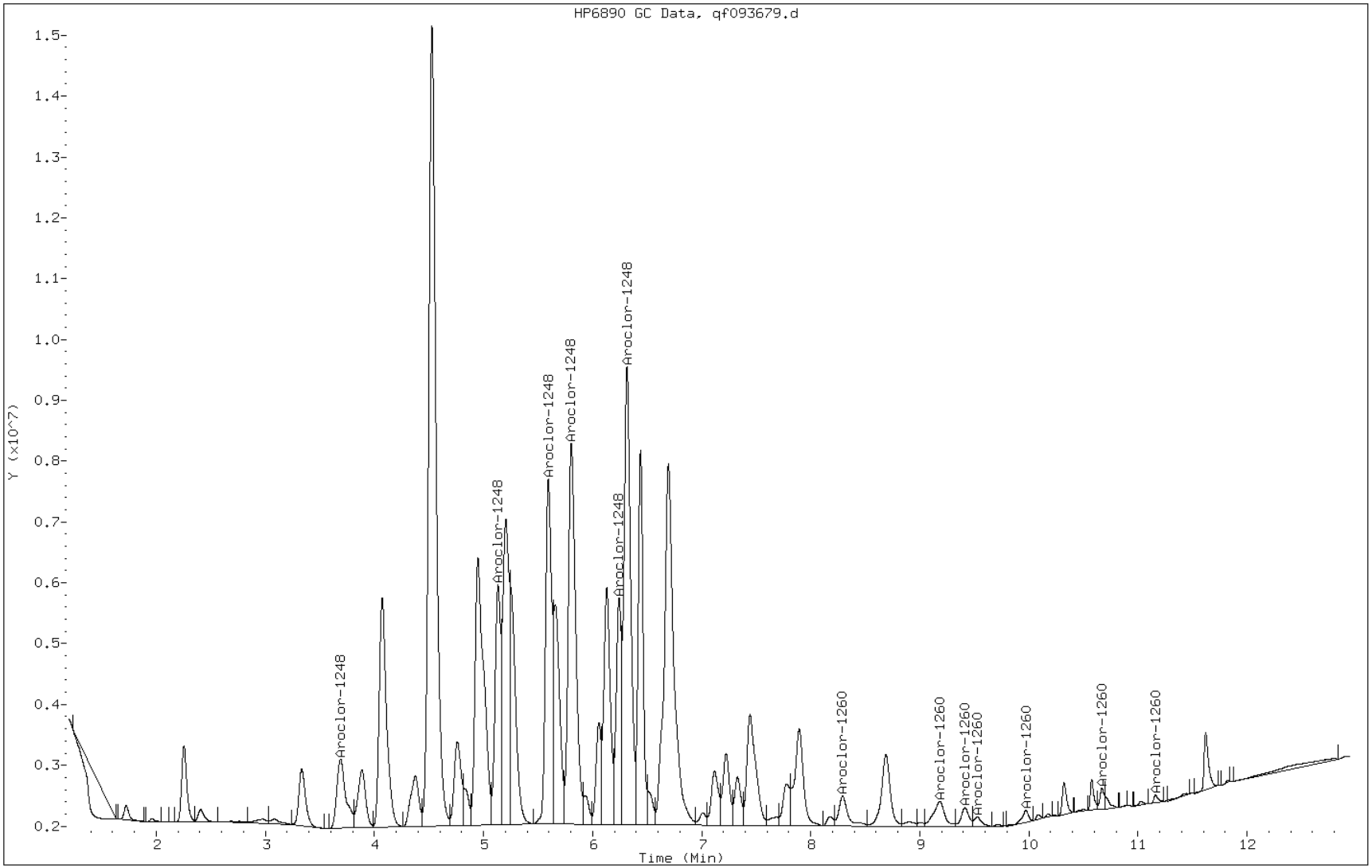
Date: 19-MAR-2013 10:44

Client ID: PMP-22-NE-VS

Instrument: PESTGC8.i

Sample Info: 460-52450-F-11-B

Operator:



Manual Integration Report

Data File: qf093679.d
Inj. Date and Time: 19-MAR-2013 10:44
Instrument ID: PESTGC8.i
Client ID: PMP-22-NE-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 3.66

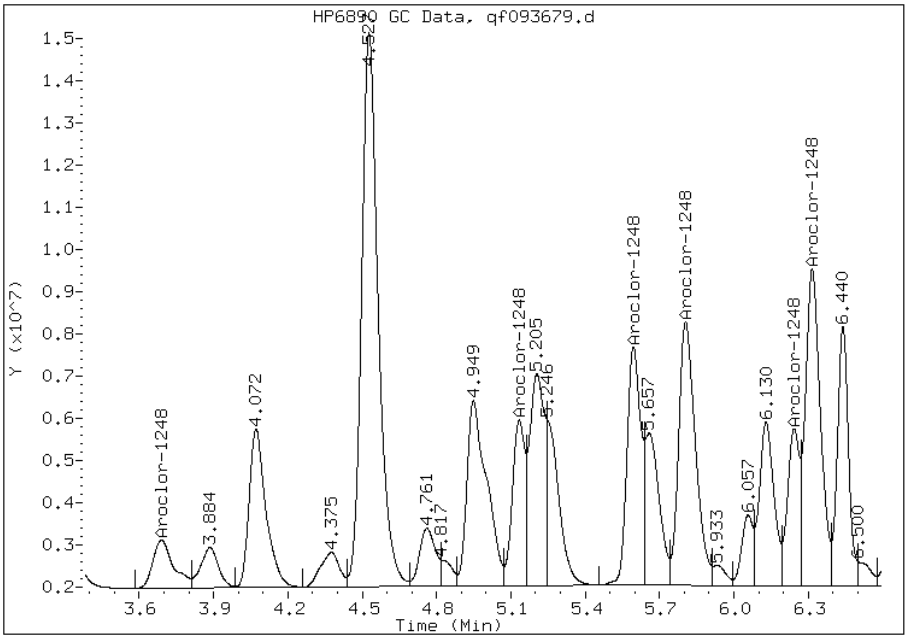
Manual Integration Results

RT: 3.69

Response: 6629405

Amount: 730.33

Conc: 5200.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qf093679.d
Inj. Date and Time: 19-MAR-2013 10:44
Instrument ID: PESTGC8.i
Client ID: PMP-22-NE-VS
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

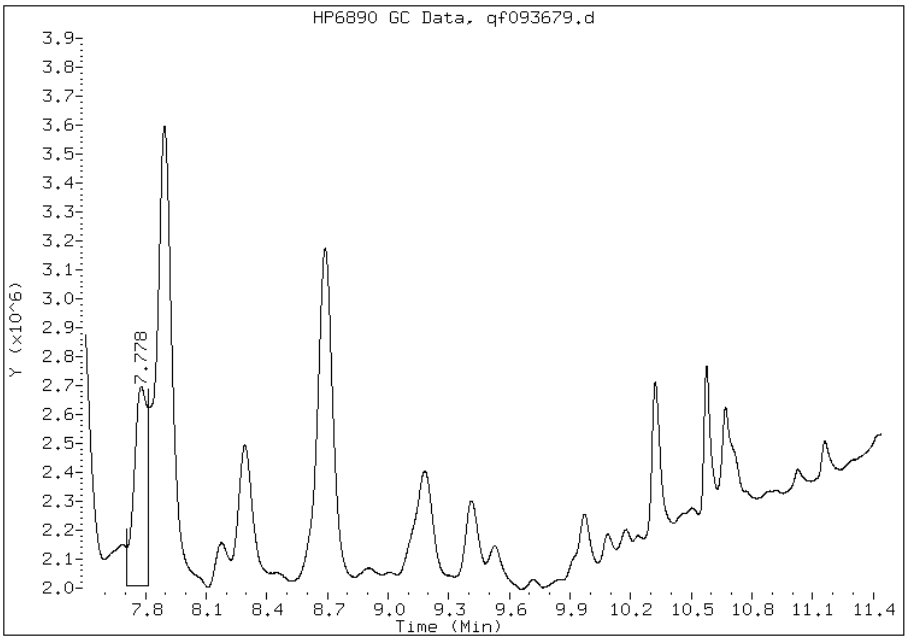
Processing Integration Results

RT: 7.78

Response: 3152189

Amount: 41.14

Conc: 290.00



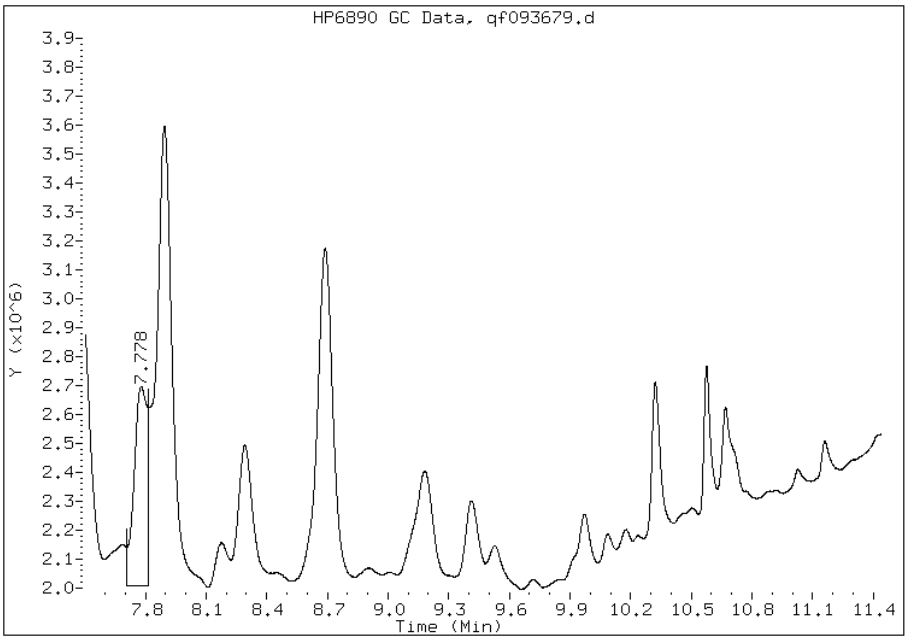
Manual Integration Results

RT: 7.78

Response: 0

Amount: 36.36

Conc: 260.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS Lab Sample ID: 460-52450-11

Matrix: Solid Lab File ID: qr093679.d

Analysis Method: 8082 Date Collected: 03/14/2013 11:25

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 10:44

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	710	160
11104-28-2	Aroclor 1221	160	U	710	160
11141-16-5	Aroclor 1232	160	U	710	160
53469-21-9	Aroclor 1242	160	U	710	160
12672-29-6	Aroclor 1248	6300		710	160
11097-69-1	Aroclor 1254	200	U	710	200
37324-23-5	Aroclor 1262	200	U	710	200
11100-14-4	Aroclor 1268	200	U	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

Data File: qr093679.d
Report Date: 19-Mar-2013 14:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093679.d
Lab Smp Id: 460-52450-F-11-B Client Smp ID: PMP-22-NE-VS
Inj Date : 19-MAR-2013 10:44
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-11-B
Misc Info : 460-52450-F-11-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 12
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.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	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.90476	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.402	2.397	0.005	12508866	641.992	4500	80.00- 120.00	100.00(M)
2.997	2.984	0.013	0			205.22- 307.83	0.00
3.316	3.315	0.001	0			125.25- 187.88	0.00
3.497	3.487	0.010	52404922	865.801	6100	248.52- 372.77	418.94
3.857	3.853	0.004	50676444	981.288	7000	212.04- 318.06	405.12
4.001	3.998	0.003	33600046	1108.31	7800	124.47- 186.71	268.61
4.429	4.425	0.004	28024694	938.618	6600	122.59- 183.88	224.04
4.941	4.937	0.004	31718794	805.800	5700	161.62- 242.43	253.57
Average of Peak Concentrations =					6300		
27 Aroclor-1260					CAS #: 11096-82-5		
5.888	5.887	0.001	0			80.00- 120.00	0.00(H)

Data File: qr093679.d
Report Date: 19-Mar-2013 14:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.337	6.337	0.000	0			145.55- 218.32	0.00
6.773	6.773	0.000	0			140.64- 210.95	0.00
6.974	6.970	0.004	1340510	28.7468	200	73.78- 110.68	33.12
7.387	7.387	0.000	2247222	46.3187	330	75.71- 113.56	55.52
8.621	8.621	0.000	1987685	32.1210	230	96.73- 145.09	49.11
8.831	8.833	-0.002	1140246	32.8942	230	53.49- 80.23	28.17
9.986	9.984	0.002	994054	32.7180	230	47.38- 71.07	24.56
			Average of Peak Concentrations =		240		

QC Flag Legend

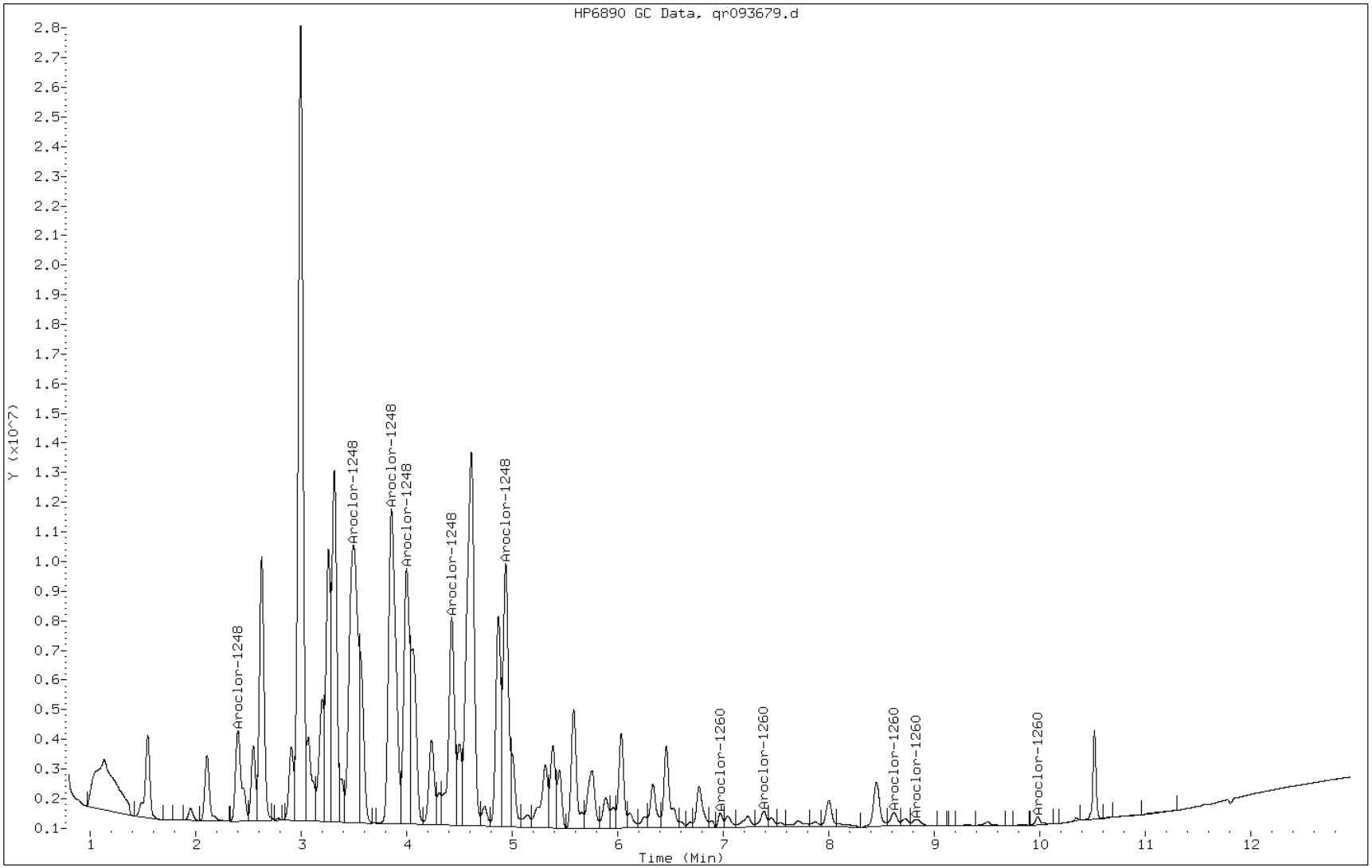
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr093679.d

Date: 19-MAR-2013 10:44

Client ID: PMP-22-NE-VS Instrument: PESTGC8.i

Sample Info: 460-52450-F-11-B Operator:



Manual Integration Report

Data File: qr093679.d
Inj. Date and Time: 19-MAR-2013 10:44
Instrument ID: PESTGC8.i
Client ID: PMP-22-NE-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.40

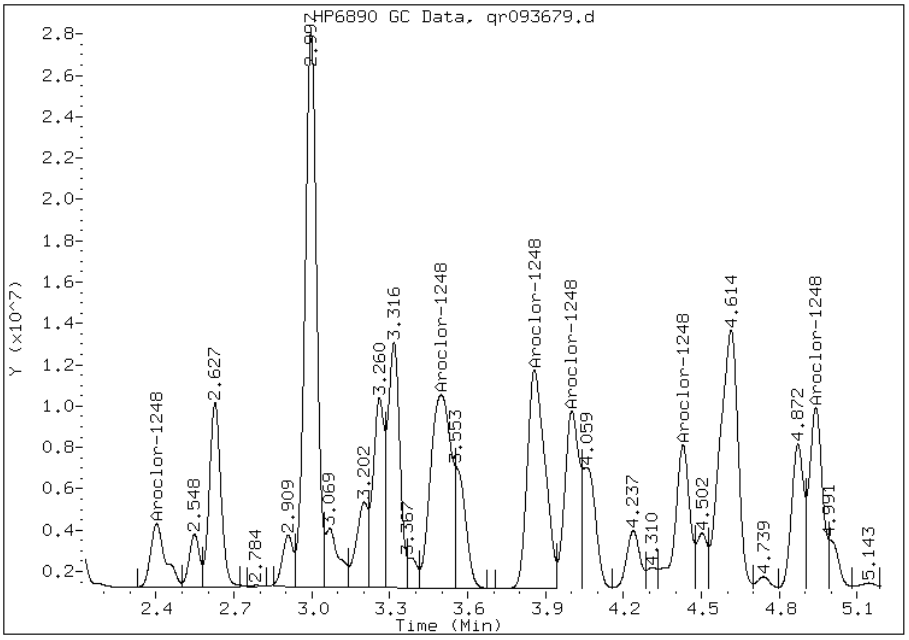
Manual Integration Results

RT: 2.40

Response: 12508866

Amount: 890.30

Conc: 6300.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD Lab Sample ID: 460-52450-12

Matrix: Solid Lab File ID: qf093647.d

Analysis Method: 8082 Date Collected: 03/14/2013 11:30

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 23:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		45-138

Data File: qf093647.d
Report Date: 19-Mar-2013 11:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093647.d
Lab Smp Id: 460-52450-F-12-B Client Smp ID: PMP-22-NE-VD
Inj Date : 18-MAR-2013 23:35
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-12-B
Misc Info : 460-52450-F-12-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.678	3.656	0.022	848266	64.3410	43	0.00- 0.00	100.00(M)
4.510	4.493	0.017	7072926	200.181	130	0.00- 0.00	833.81
4.935	4.927	0.008	1492609	239.371	160	0.00- 0.00	175.96
5.120	5.111	0.009	1418256	75.5735	50	0.00- 0.00	167.19
5.579	5.574	0.005	2662251	98.7461	66	0.00- 0.00	313.85
5.790	5.785	0.005	2689960	94.2845	63	0.00- 0.00	317.11
6.232	6.222	0.010	1039794	37.1165	25	0.00- 0.00	122.58
6.303	6.294	0.009	3057712	77.7708	52	0.00- 0.00	360.47
Average of Peak Concentrations =					74		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.599	11.602	-0.003	18151537	36.8075	24	80.00- 120.00	100.00

Data File: qf093647.d
Report Date: 19-Mar-2013 11:36

QC Flag Legend

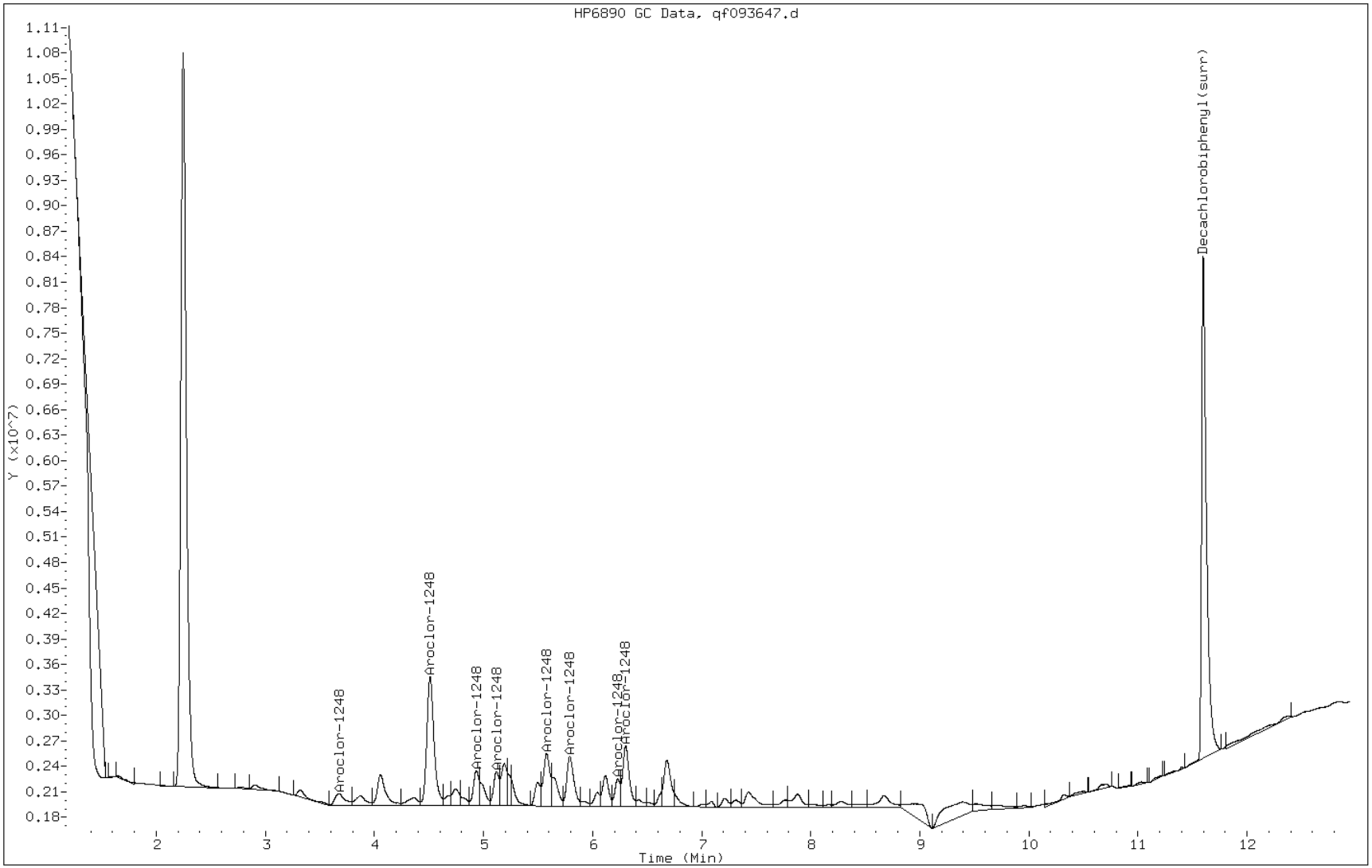
M - Compound response manually integrated.

Data File: qf093647.d

Date: 18-MAR-2013 23:35

Client ID: PMP-22-NE-VD Instrument: PESTGC8.i

Sample Info: 460-52450-F-12-B Operator:



Manual Integration Report

Data File: qf093647.d
Inj. Date and Time: 18-MAR-2013 23:35
Instrument ID: PESTGC8.i
Client ID: PMP-22-NE-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 3.66

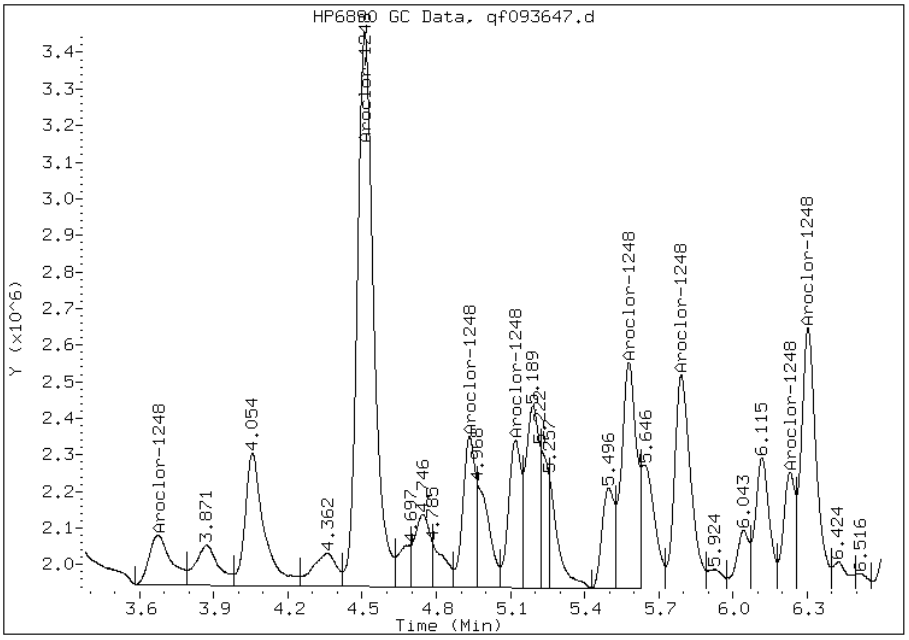
Manual Integration Results

RT: 3.68

Response: 848266

Amount: 110.92

Conc: 74.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD | Lab Sample ID: 460-52450-12

Matrix: Solid | Lab File ID: qr093647.d

Analysis Method: 8082 | Date Collected: 03/14/2013 11:30

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) | Date Analyzed: 03/18/2013 23:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	79		70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093647.d
Lab Smp Id: 460-52450-F-12-B Client Smp ID: PMP-22-NE-VD
Inj Date : 18-MAR-2013 23:35
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-12-B
Misc Info : 460-52450-F-12-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.403	2.397	0.006	1427478	73.2624	49	80.00- 120.00	100.00(M)
2.998	2.984	0.014	10252639	205.127	140	205.22- 307.83	718.23
3.259	3.315	-0.056	3669578	120.290	80	125.25- 187.88	257.07
3.498	3.487	0.011	6088973	100.598	67	248.52- 372.77	426.55
3.856	3.853	0.003	5700491	110.383	74	212.04- 318.06	399.34
4.000	3.998	0.002	3674526	121.206	81	124.47- 186.71	257.41
4.429	4.425	0.004	2729383	91.4139	61	122.59- 183.88	191.20
4.939	4.937	0.002	3493678	88.7551	59	161.62- 242.43	244.74
Average of Peak Concentrations =					76		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.519	10.520	-0.001	25986826	34.4374	23	80.00- 120.00	100.00

QC Flag Legend

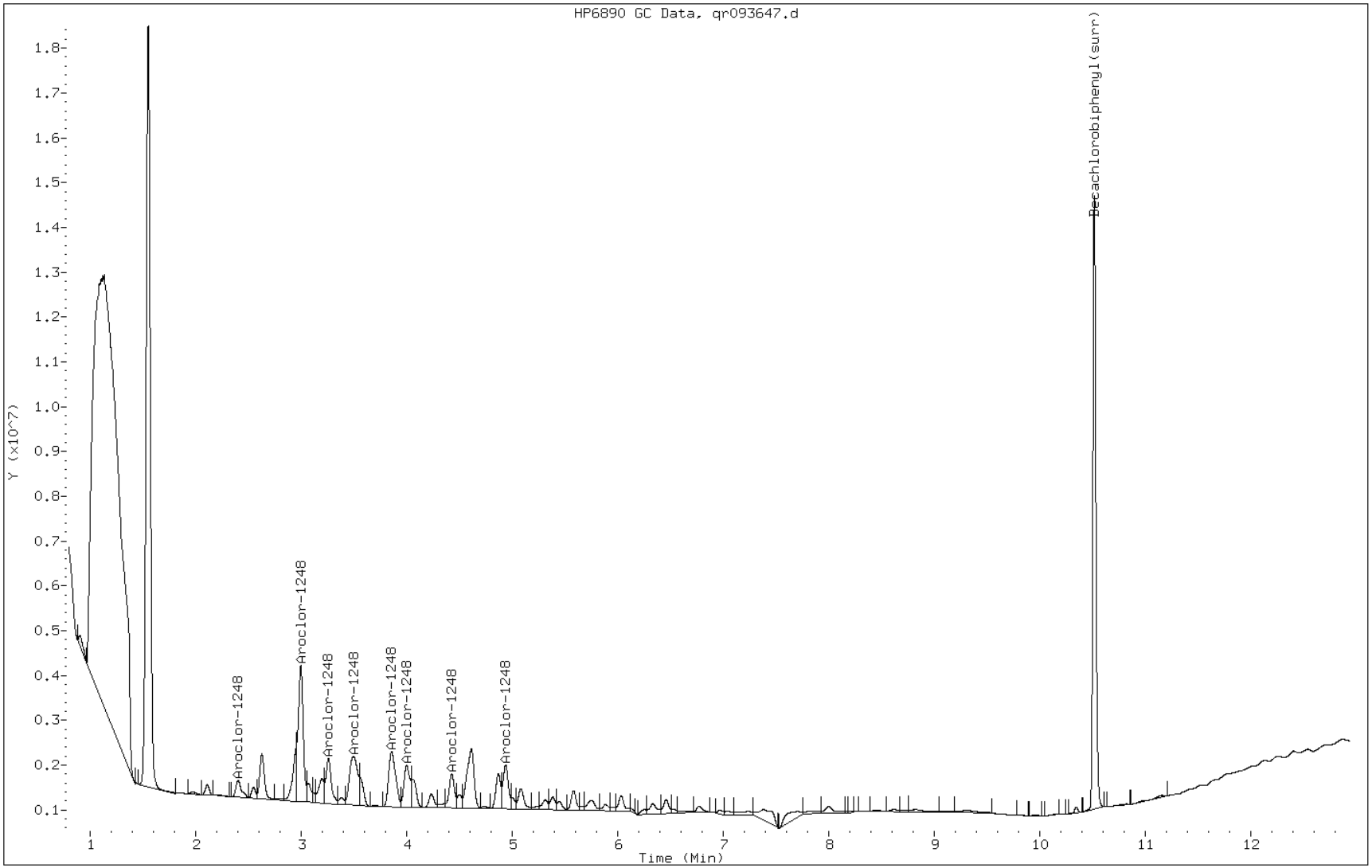
M - Compound response manually integrated.

Data File: qr093647.d

Date: 18-MAR-2013 23:35

Client ID: PMP-22-NE-VD Instrument: PESTGC8.i

Sample Info: 460-52450-F-12-B Operator:



Manual Integration Report

Data File: qr093647.d
Inj. Date and Time: 18-MAR-2013 23:35
Instrument ID: PESTGC8.i
Client ID: PMP-22-NE-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.40

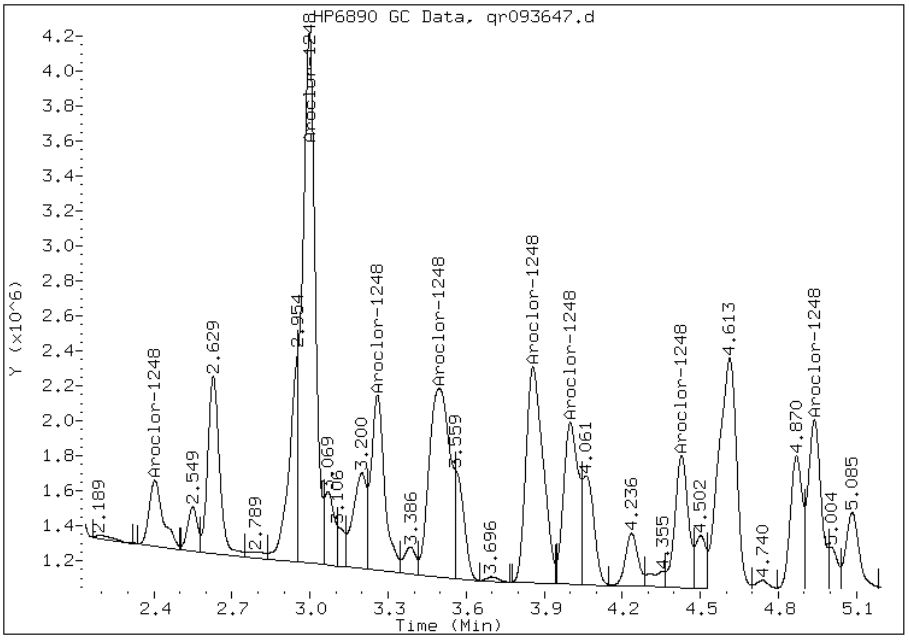
Manual Integration Results

RT: 2.40

Response: 1427478

Amount: 113.88

Conc: 76.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT Lab Sample ID: 460-52450-13

Matrix: Solid Lab File ID: qf093648.d

Analysis Method: 8082 Date Collected: 03/14/2013 11:35

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 23:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		45-138

Data File: qf093648.d
Report Date: 19-Mar-2013 11:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093648.d
Lab Smp Id: 460-52450-F-13-B Client Smp ID: PMP-22-NE-WT
Inj Date : 18-MAR-2013 23:52
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-13-B
Misc Info : 460-52450-F-13-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.610	11.602	0.008	20614786	41.8025	28	80.00- 120.00	100.00(H)

QC Flag Legend

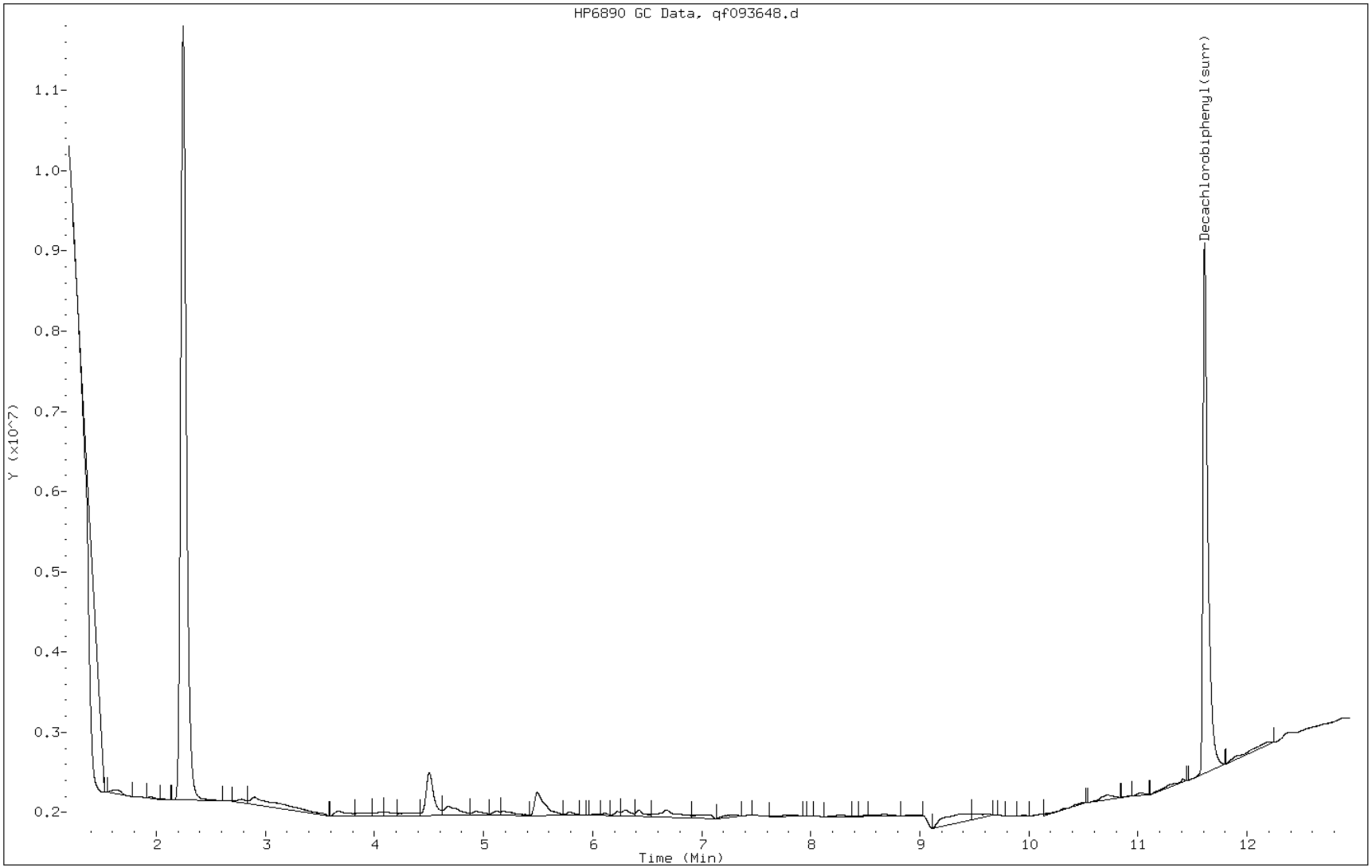
H - Operator selected an alternate compound hit.

Data File: qf093648.d

Date: 18-MAR-2013 23:52

Client ID: PMP-22-NE-WT Instrument: PESTGC8.i

Sample Info: 460-52450-F-13-B Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT | Lab Sample ID: 460-52450-13

Matrix: Solid | Lab File ID: qr093648.d

Analysis Method: 8082 | Date Collected: 03/14/2013 11:35

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.05(g) | Date Analyzed: 03/18/2013 23:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	74	17
11104-28-2	Aroclor 1221	17	U	74	17
11141-16-5	Aroclor 1232	17	U	74	17
53469-21-9	Aroclor 1242	17	U	74	17
12672-29-6	Aroclor 1248	17	U	74	17
11097-69-1	Aroclor 1254	21	U	74	21
11096-82-5	Aroclor 1260	21	U	74	21
37324-23-5	Aroclor 1262	21	U	74	21
11100-14-4	Aroclor 1268	21	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093648.d
Lab Smp Id: 460-52450-F-13-B Client Smp ID: PMP-22-NE-WT
Inj Date : 18-MAR-2013 23:52
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-13-B
Misc Info : 460-52450-F-13-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

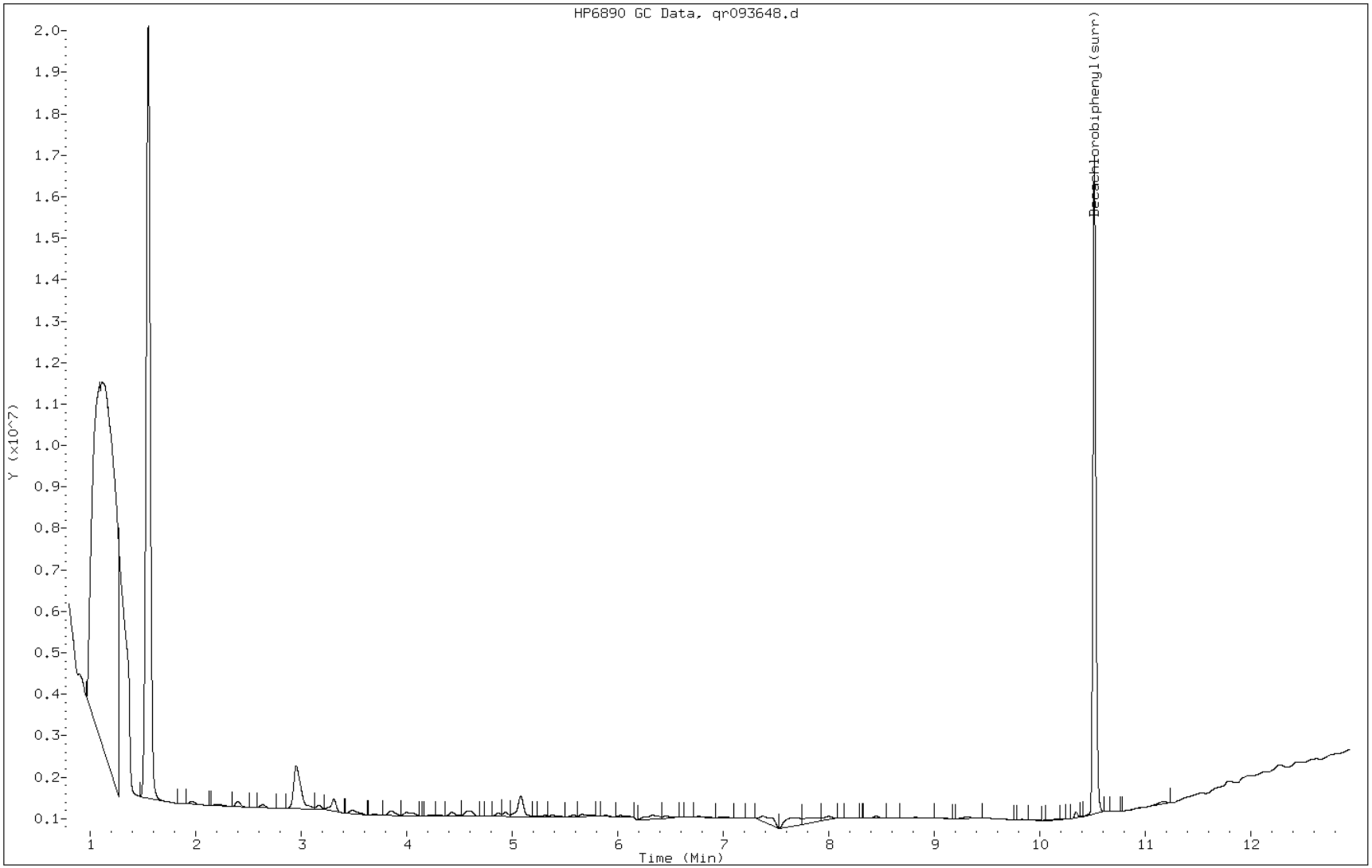
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.520	10.520	0.000	30501981	40.4208	27	80.00- 120.00	100.00

Data File: qr093648.d

Date: 18-MAR-2013 23:52

Client ID: PMP-22-NE-WT Instrument: PESTGC8.i

Sample Info: 460-52450-F-13-B Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD Lab Sample ID: 460-52450-14

Matrix: Solid Lab File ID: qf093649.d

Analysis Method: 8082 Date Collected: 03/14/2013 11:50

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.02(g) Date Analyzed: 03/19/2013 00:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		45-138

Data File: qf093649.d
Report Date: 19-Mar-2013 11:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093649.d
Lab Smp Id: 460-52450-F-14-B Client Smp ID: PMP-6-NE-VD
Inj Date : 19-MAR-2013 00:09
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-14-B
Misc Info : 460-52450-F-14-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

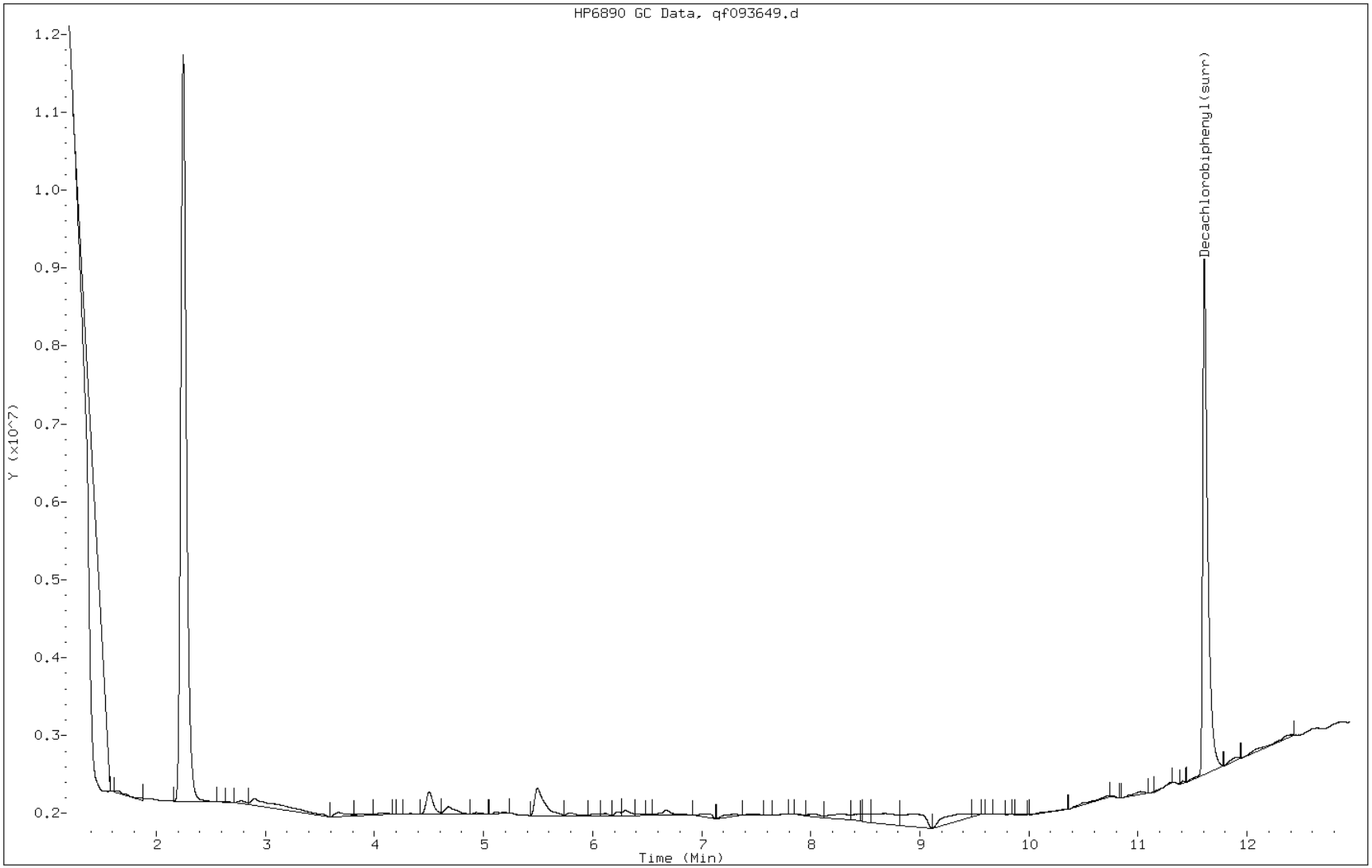
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.608	11.602	0.006	20716940	42.0096	28	80.00- 120.00	100.00

Data File: qf093649.d

Date: 19-MAR-2013 00:09

Client ID: PMP-6-NE-VD Instrument: PESTGC8.i

Sample Info: 460-52450-F-14-B Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD | Lab Sample ID: 460-52450-14

Matrix: Solid | Lab File ID: qr093649.d

Analysis Method: 8082 | Date Collected: 03/14/2013 11:50

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 00:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093649.d
Lab Smp Id: 460-52450-F-14-B Client Smp ID: PMP-6-NE-VD
Inj Date : 19-MAR-2013 00:09
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-14-B
Misc Info : 460-52450-F-14-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.519	10.520	-0.001	31763828	42.0930	28	80.00- 120.00	100.00

Data File: qr093649.d

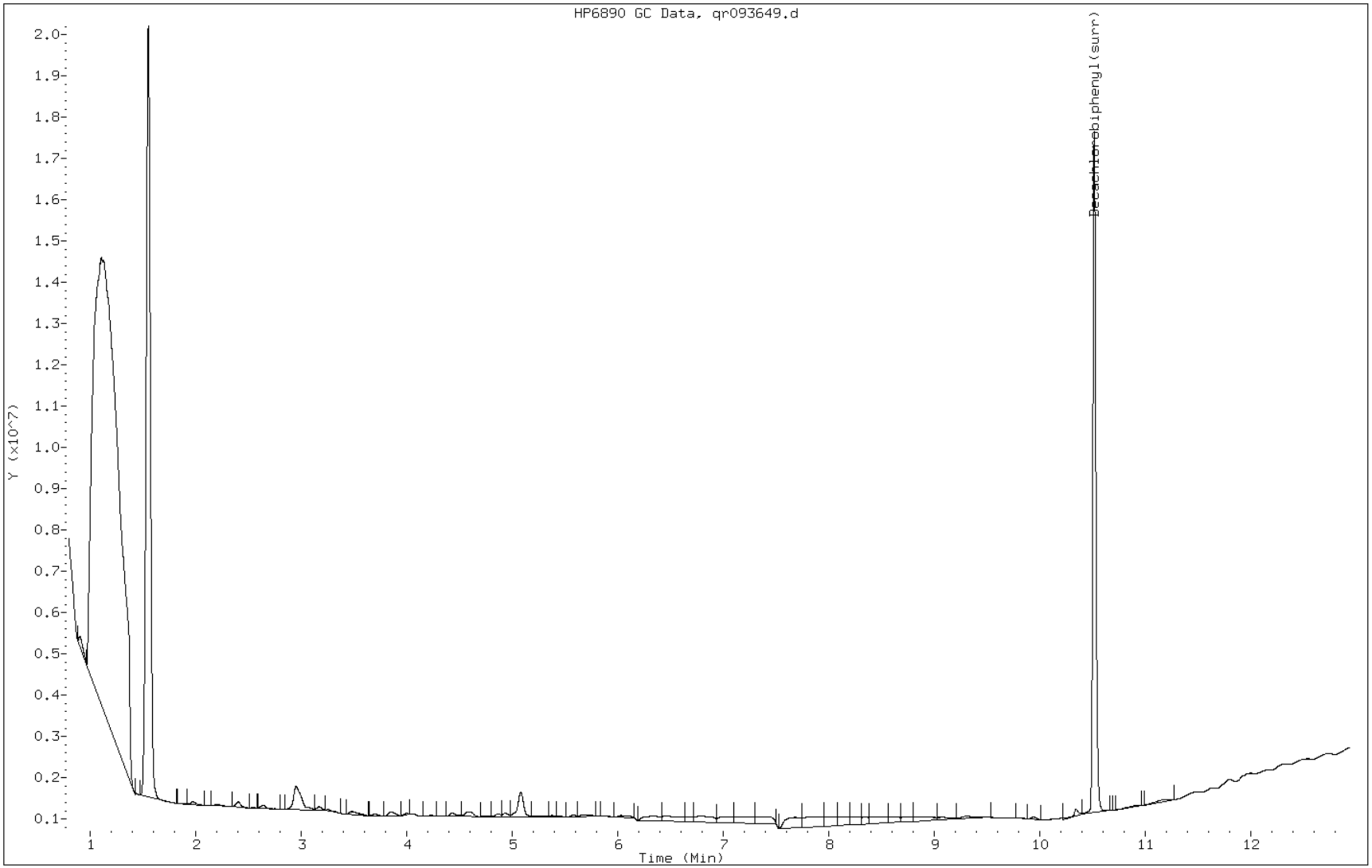
Date: 19-MAR-2013 00:09

Client ID: PMP-6-NE-VD

Instrument: PESTGC8.i

Sample Info: 460-52450-F-14-B

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT Lab Sample ID: 460-52450-15

Matrix: Solid Lab File ID: qf093680.d

Analysis Method: 8082 Date Collected: 03/14/2013 11:55

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 11:01

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86	p	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093680.d
Lab Smp Id: 460-52450-F-15-B Client Smp ID: PMP-6-NE-WT
Inj Date : 19-MAR-2013 11:01
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-15-B
Misc Info : 460-52450-F-15-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 13
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	10.44521	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.966	2.966	0.000	11964244	782.504	2900	80.00- 120.00	100.00
3.664	3.661	0.003	28660095	1028.66	3800	0.00- 0.00	239.55
4.109	4.108	0.001	12451091	1086.91	4000	0.00- 0.00	104.07
4.502	4.499	0.003	58005456	1069.96	4000	0.00- 0.00	484.82
4.749	4.746	0.003	21624207	957.617	3600	0.00- 0.00	180.74
5.116	5.111	0.005	11936738	1143.61	4200	42.38- 63.56	99.77
5.789	5.785	0.004	22704054	1225.25	4500	19.58- 29.37	189.77
6.299	6.296	0.003	25567359	1131.01	4200	0.00- 0.00	213.70
Average of Peak Concentrations =					3900		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.616	11.602	0.014	4232532	8.58269	32	80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: qf093680.d

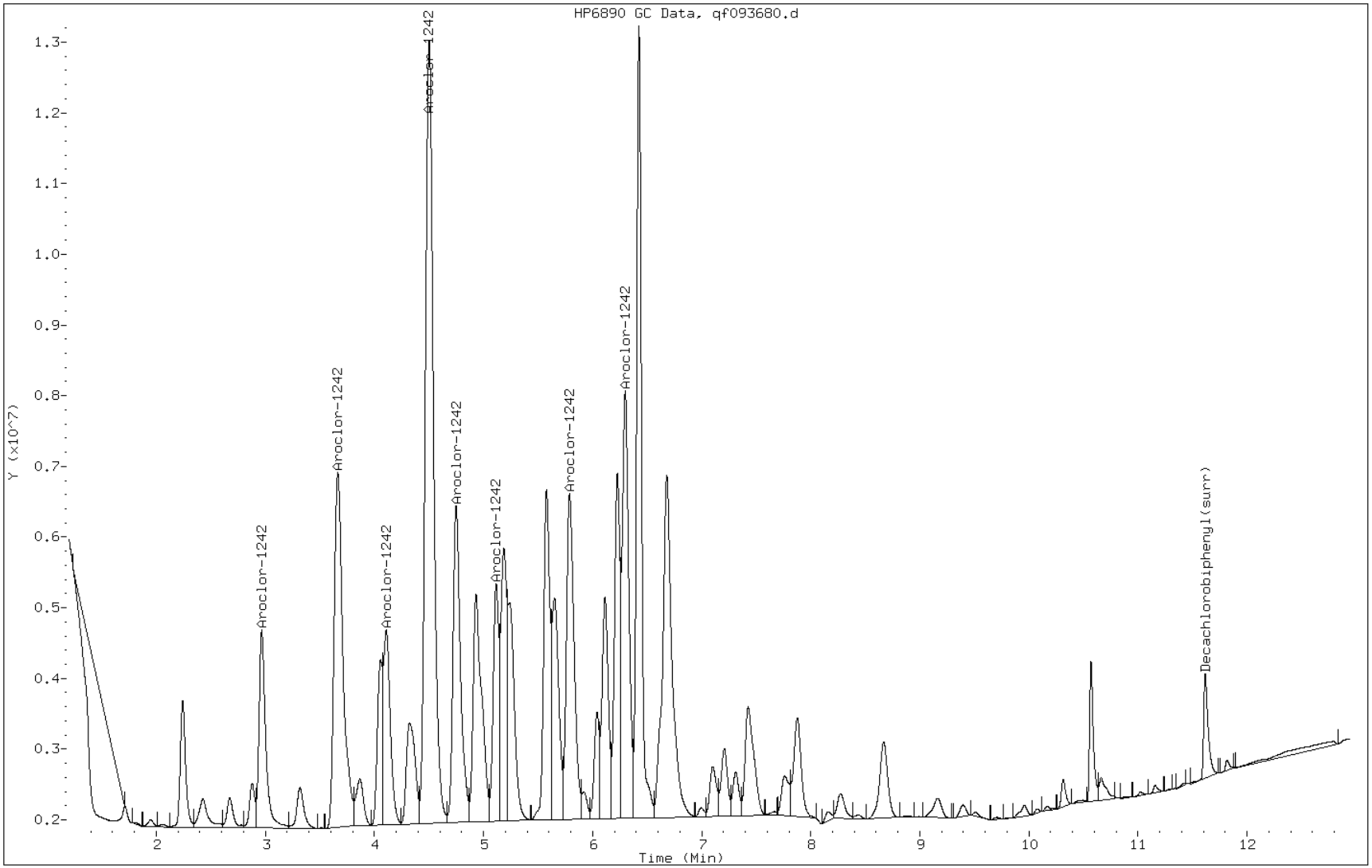
Date: 19-MAR-2013 11:01

Client ID: PMP-6-NE-WT

Instrument: PESTGC8.i

Sample Info: 460-52450-F-15-B

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT | Lab Sample ID: 460-52450-15

Matrix: Solid | Lab File ID: qr093680.d

Analysis Method: 8082 | Date Collected: 03/14/2013 11:55

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 11:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	84	U	370	84
11104-28-2	Aroclor 1221	84	U	370	84
11141-16-5	Aroclor 1232	84	U	370	84
53469-21-9	Aroclor 1242	4000		370	84
12672-29-6	Aroclor 1248	84	U	370	84
11097-69-1	Aroclor 1254	110	U	370	110
11096-82-5	Aroclor 1260	110	U	370	110
37324-23-5	Aroclor 1262	110	U	370	110
11100-14-4	Aroclor 1268	110	U	370	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		45-138

Data File: qr093680.d
Report Date: 19-Mar-2013 14:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093680.d
Lab Smp Id: 460-52450-F-15-B Client Smp ID: PMP-6-NE-WT
Inj Date : 19-MAR-2013 11:01
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-15-B
Misc Info : 460-52450-F-15-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 13
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	10.44521	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.963	1.977	-0.014	18144680	754.531	2800	80.00- 120.00	100.00(M)
2.396	2.407	-0.011	38129233	1013.81	3800	125.12- 187.68	210.14
2.636	2.651	-0.015	28389547	1098.34	4100	85.99- 128.98	156.46
2.986	2.994	-0.008	79500250	1064.01	3900	248.56- 372.85	438.15
3.169	3.178	-0.009	33319231	997.328	3700	111.14- 166.71	183.63
3.487	3.499	-0.012	40000004	1077.76	4000	123.47- 185.20	220.45
3.851	3.861	-0.010	40418659	1170.91	4300	114.83- 172.25	222.76
4.933	4.941	-0.008	30296227	1441.05	5300	69.94- 104.91	166.97
Average of Peak Concentrations =					4000		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.517	10.520	-0.003	9764930	12.9404	48	80.00- 120.00	100.00(a)

Data File: qr093680.d
Report Date: 19-Mar-2013 14:15

QC Flag Legend

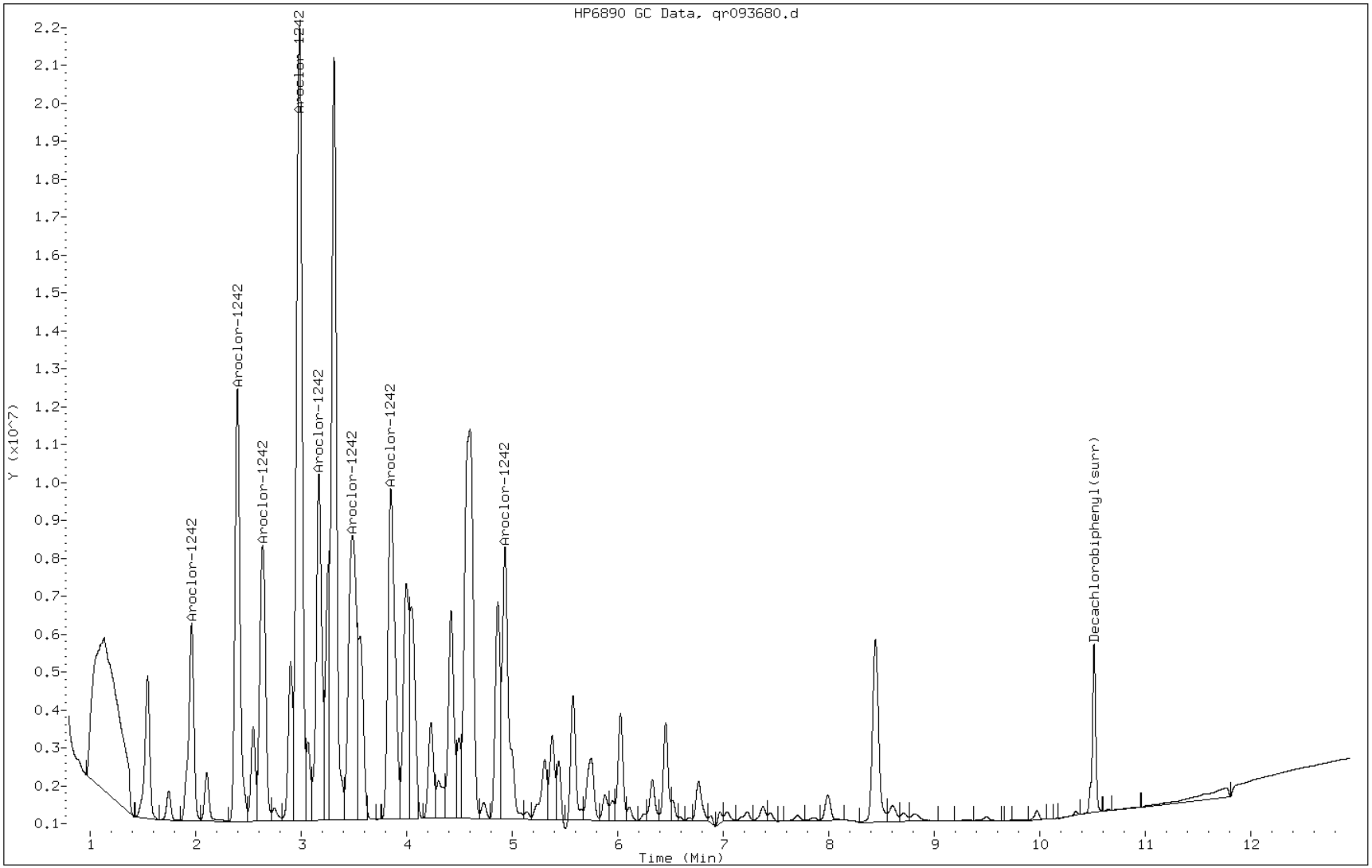
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: qr093680.d

Date: 19-MAR-2013 11:01

Client ID: PMP-6-NE-WT Instrument: PESTGC8.i

Sample Info: 460-52450-F-15-B Operator:



Manual Integration Report

Data File: qr093680.d
Inj. Date and Time: 19-MAR-2013 11:01
Instrument ID: PESTGC8.i
Client ID: PMP-6-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

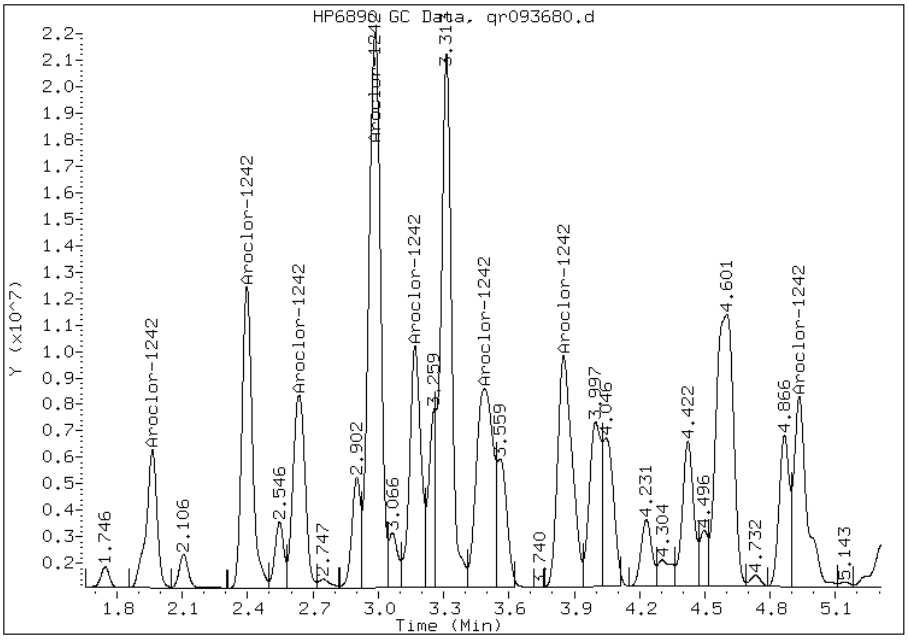
Manual Integration Results

RT: 1.96

Response: 18144680

Amount: 1077.22

Conc: 4000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI | Lab Sample ID: 460-52450-16

Matrix: Solid | Lab File ID: qf093681.d

Analysis Method: 8082 | Date Collected: 03/14/2013 12:00

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 11:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	5300		390	87
11096-82-5	Aroclor 1260	200	J	390	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093681.d
Lab Smp Id: 460-52450-F-16-B Client Smp ID: PMP-6-NE-SI
Inj Date : 19-MAR-2013 11:18
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-16-B
Misc Info : 460-52450-F-16-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 14
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.61940	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.967	2.966	0.001	20366632	1332.05	5100	80.00- 120.00	100.00(M)
3.664	3.661	0.003	37115233	1332.13	5100	0.00- 0.00	182.24
4.111	4.108	0.003	17103642	1493.05	5800	0.00- 0.00	83.98
4.502	4.499	0.003	69725712	1286.16	5000	0.00- 0.00	342.35
4.749	4.746	0.003	30010858	1329.02	5100	0.00- 0.00	147.35
5.115	5.111	0.004	13811553	1323.23	5100	42.38- 63.56	67.81
5.788	5.785	0.003	27776598	1498.99	5800	19.58- 29.37	136.38
6.299	6.296	0.003	30386665	1344.20	5200	0.00- 0.00	149.20
Average of Peak Concentrations =					5300		
27 Aroclor-1260					CAS #: 11096-82-5		
7.763	7.818	-0.055	4064471	96.2080	370	0.00- 0.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.275	8.276	-0.001	3148513	56.9401	220	0.00- 0.00	77.46
9.159	9.161	-0.002	2592433	36.7053	140	0.00- 0.00	63.78
9.397	9.399	-0.002	1301572	35.3111	140	0.00- 0.00	32.02
9.512	9.516	-0.004	1036209	52.5534	200	0.00- 0.00	25.49
9.961	9.963	-0.002	1476795	50.4270	190	0.00- 0.00	36.33
10.662	10.663	-0.001	1550418	48.5469	190	0.00- 0.00	38.15
11.154	11.149	0.005	384978	28.9259	110	0.00- 0.00	9.47
		Average of Peak Concentrations =			200		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.613	11.602	0.011	4635502	9.39982	36	80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: qf093681.d

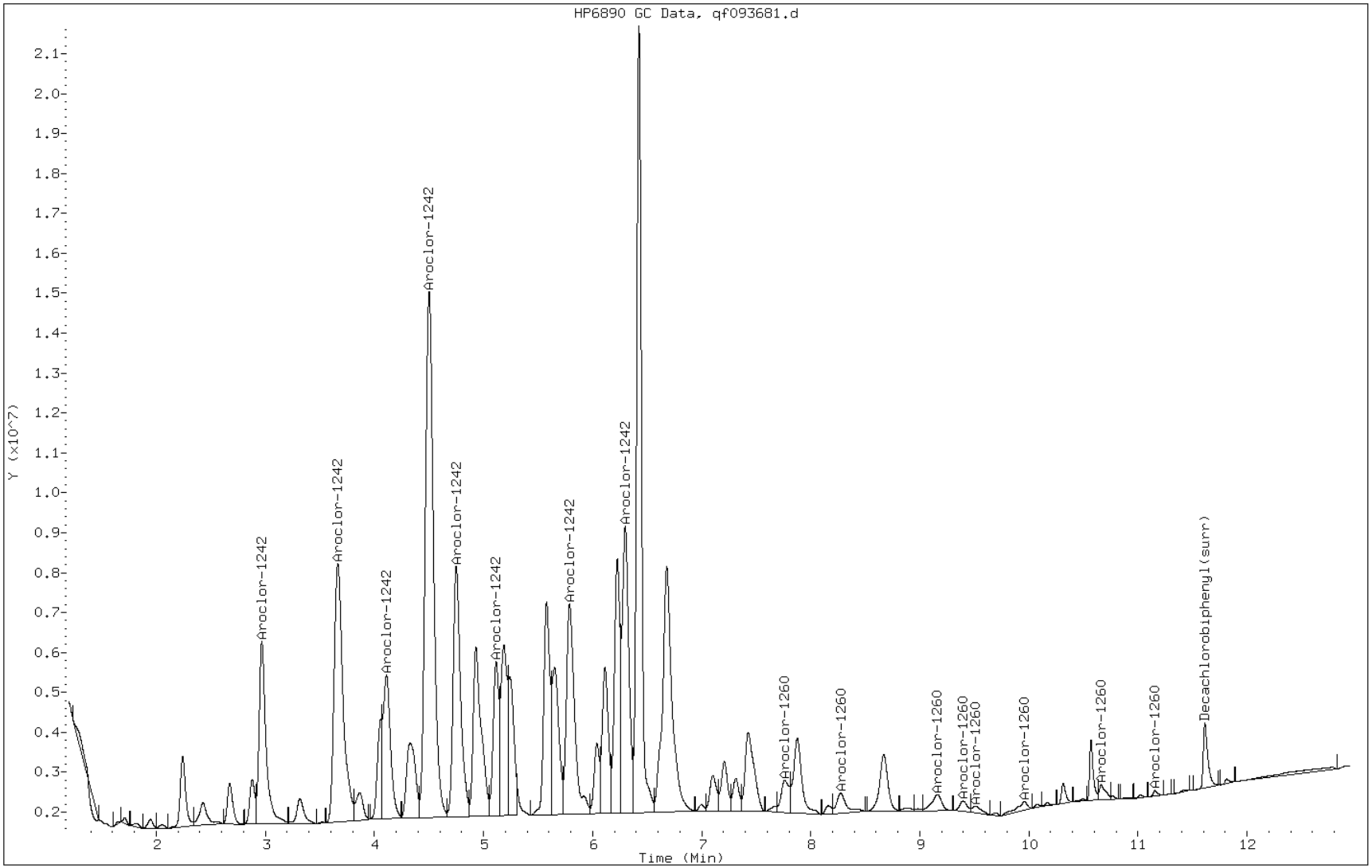
Date: 19-MAR-2013 11:18

Client ID: PMP-6-NE-SI

Instrument: PESTGC8.i

Sample Info: 460-52450-F-16-B

Operator:



Manual Integration Report

Data File: qf093681.d
Inj. Date and Time: 19-MAR-2013 11:18
Instrument ID: PESTGC8.i
Client ID: PMP-6-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.97

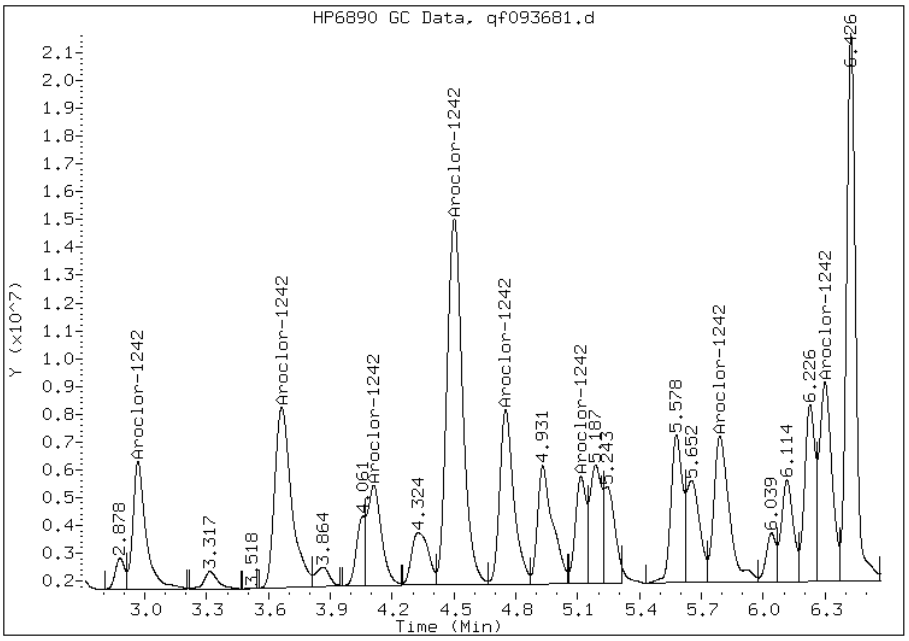
Manual Integration Results

RT: 2.97

Response: 20366632

Amount: 1367.35

Conc: 5300.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI Lab Sample ID: 460-52450-16

Matrix: Solid Lab File ID: qr093681.d

Analysis Method: 8082 Date Collected: 03/14/2013 12:00

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 11:18

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	87	U	390	87
11104-28-2	Aroclor 1221	87	U	390	87
11141-16-5	Aroclor 1232	87	U	390	87
12672-29-6	Aroclor 1248	87	U	390	87
11097-69-1	Aroclor 1254	110	U	390	110
37324-23-5	Aroclor 1262	110	U	390	110
11100-14-4	Aroclor 1268	110	U	390	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		45-138

Data File: qr093681.d
Report Date: 19-Mar-2013 14:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093681.d
Lab Smp Id: 460-52450-F-16-B Client Smp ID: PMP-6-NE-SI
Inj Date : 19-MAR-2013 11:18
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-16-B
Misc Info : 460-52450-F-16-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 14
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.61940	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.963	1.977	-0.014	28732062	1194.80	4600	80.00- 120.00	100.00(M)
2.397	2.407	-0.010	45553855	1211.22	4700	125.12- 187.68	158.55
2.639	2.651	-0.012	30421668	1176.96	4500	85.99- 128.98	105.88
2.984	2.994	-0.010	91009050	1218.04	4700	248.56- 372.85	316.75
3.168	3.178	-0.010	43177068	1292.40	5000	111.14- 166.71	150.27
3.488	3.499	-0.011	38828686	1046.20	4000	123.47- 185.20	135.14
3.852	3.861	-0.009	45168921	1308.53	5000	114.83- 172.25	157.21
4.933	4.941	-0.008	31167760	1482.51	5700	69.94- 104.91	108.48
Average of Peak Concentrations =					4800		
27 Aroclor-1260					CAS #: 11096-82-5		
5.881	5.887	-0.006	0			80.00- 120.00	0.00(H)

Data File: qr093681.d
Report Date: 19-Mar-2013 14:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.330	6.337	-0.007	0			145.55- 218.32	0.00
6.768	6.773	-0.005	0			140.64- 210.95	0.00
6.971	6.970	0.001	1200295	25.7400	99	73.78- 110.68	29.63
7.380	7.387	-0.007	2500924	51.5479	200	75.71- 113.56	61.73
8.611	8.621	-0.010	3237400	52.3164	200	96.73- 145.09	79.91
8.821	8.833	-0.012	2003203	57.7891	220	53.49- 80.23	49.45
9.976	9.984	-0.008	1361471	44.8111	170	47.38- 71.07	33.61
		Average of Peak Concentrations =			180		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.518	10.520	-0.002	10129359	13.4233	52	80.00- 120.00	100.00(a)

QC Flag Legend

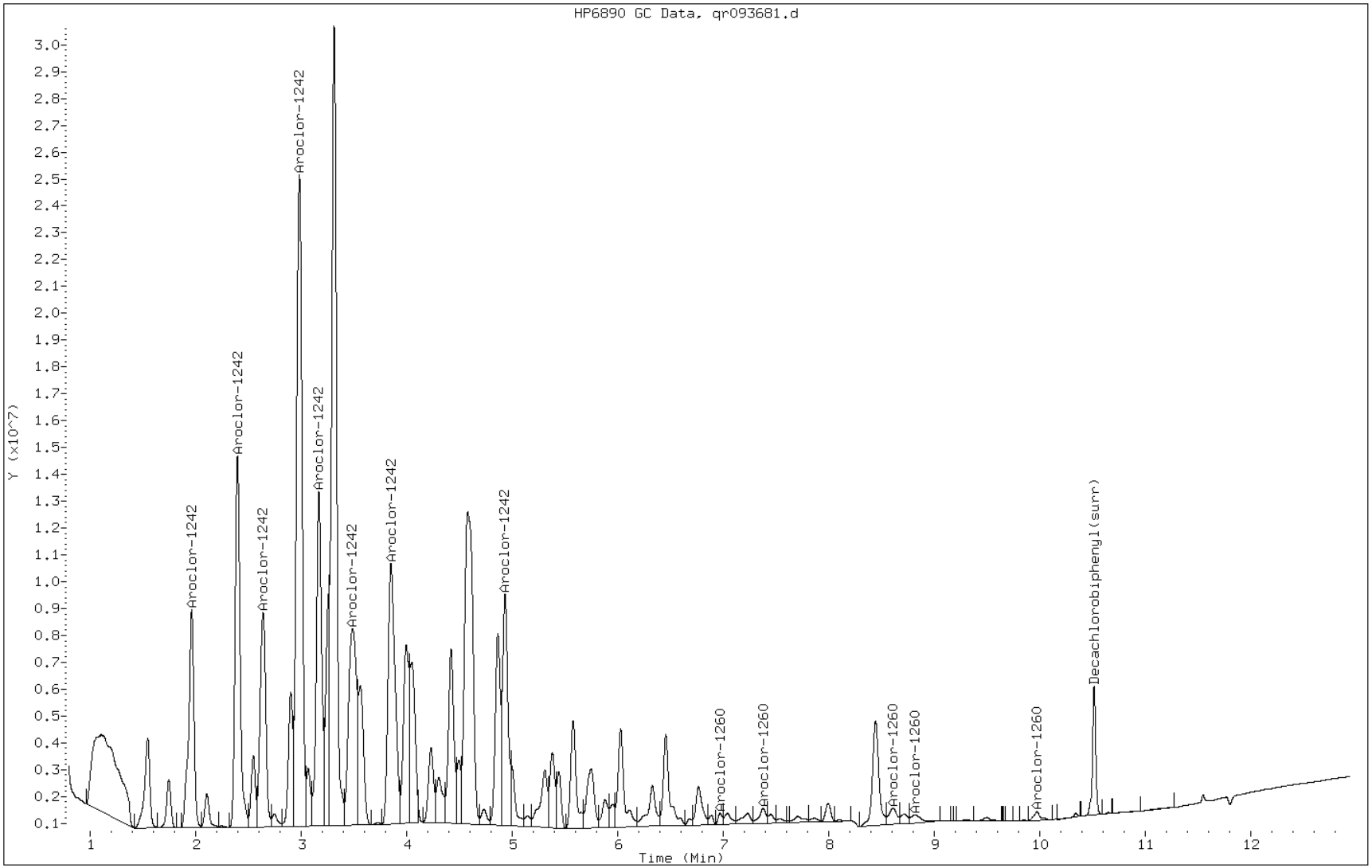
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr093681.d

Date: 19-MAR-2013 11:18

Client ID: PMP-6-NE-SI Instrument: PESTGC8.i

Sample Info: 460-52450-F-16-B Operator:



Manual Integration Report

Data File: qr093681.d
Inj. Date and Time: 19-MAR-2013 11:18
Instrument ID: PESTGC8.i
Client ID: PMP-6-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

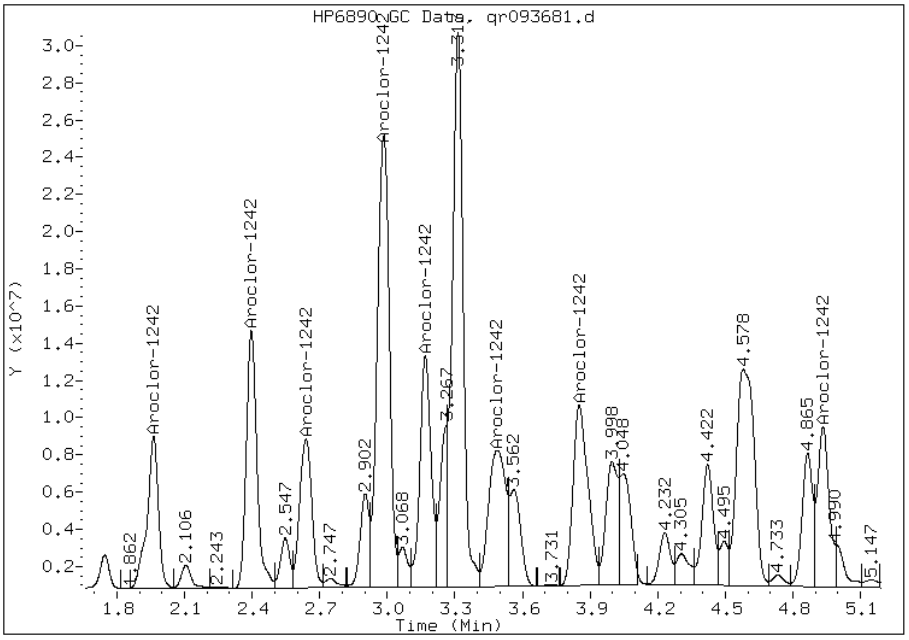
Manual Integration Results

RT: 1.96

Response: 28732062

Amount: 1241.33

Conc: 4800.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD Lab Sample ID: 460-52450-17

Matrix: Solid Lab File ID: qf093652.d

Analysis Method: 8082 Date Collected: 03/14/2013 12:20

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 00:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		45-138

Data File: qf093652.d
Report Date: 19-Mar-2013 11:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093652.d
Lab Smp Id: 460-52450-F-17-B Client Smp ID: PMP-5-NE-VD
Inj Date : 19-MAR-2013 00:59
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-17-B
Misc Info : 460-52450-F-17-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.602	11.602	0.000	19193112	38.9196	26	80.00- 120.00	100.00

Data File: qf093652.d

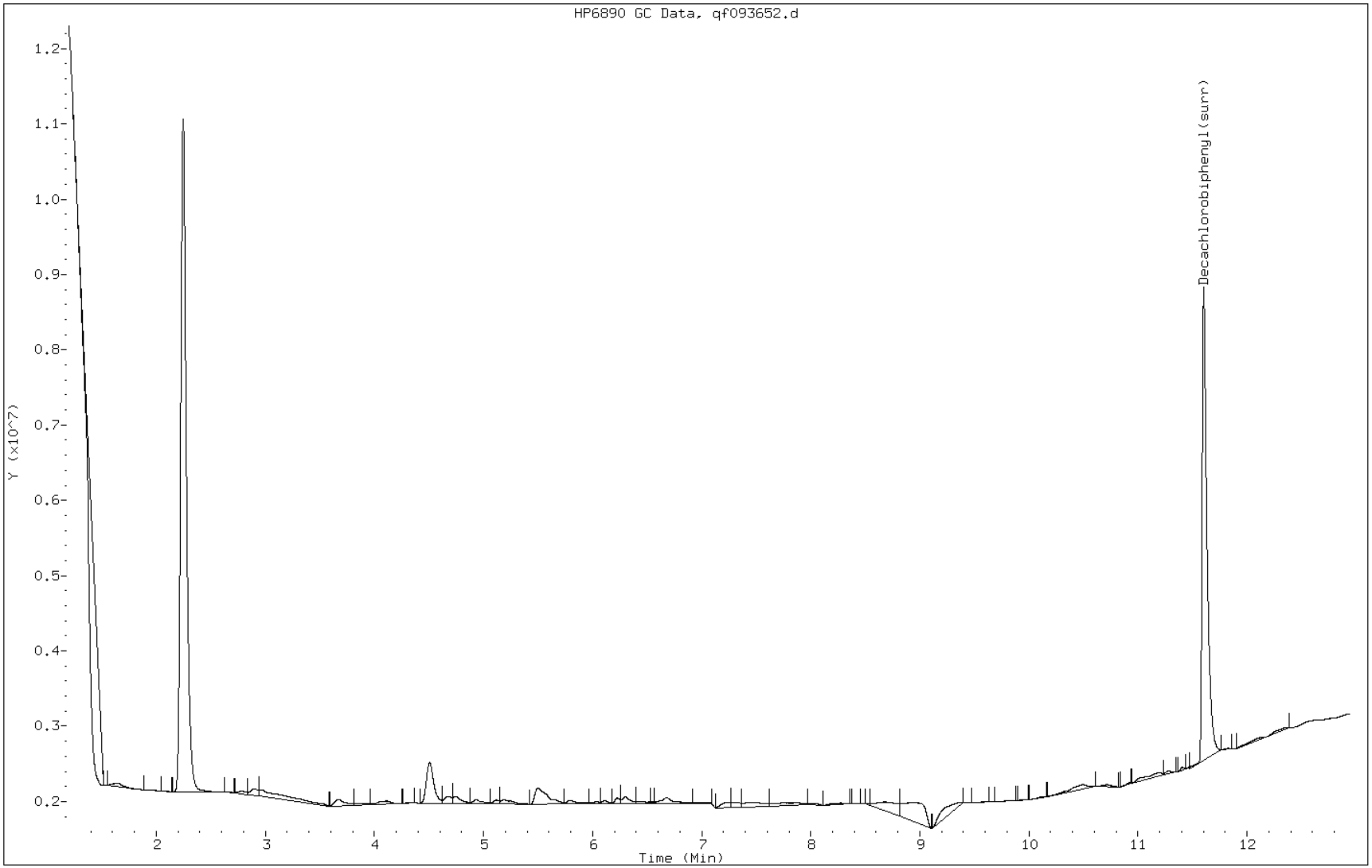
Date: 19-MAR-2013 00:59

Client ID: PMP-5-NE-VD

Instrument: PESTGC8.i

Sample Info: 460-52450-F-17-B

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD Lab Sample ID: 460-52450-17

Matrix: Solid Lab File ID: qr093652.d

Analysis Method: 8082 Date Collected: 03/14/2013 12:20

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 00:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	69	16
11104-28-2	Aroclor 1221	16	U	69	16
11141-16-5	Aroclor 1232	16	U	69	16
53469-21-9	Aroclor 1242	16	U	69	16
12672-29-6	Aroclor 1248	16	U	69	16
11097-69-1	Aroclor 1254	20	U	69	20
11096-82-5	Aroclor 1260	20	U	69	20
37324-23-5	Aroclor 1262	20	U	69	20
11100-14-4	Aroclor 1268	20	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093652.d
Lab Smp Id: 460-52450-F-17-B Client Smp ID: PMP-5-NE-VD
Inj Date : 19-MAR-2013 00:59
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-17-B
Misc Info : 460-52450-F-17-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

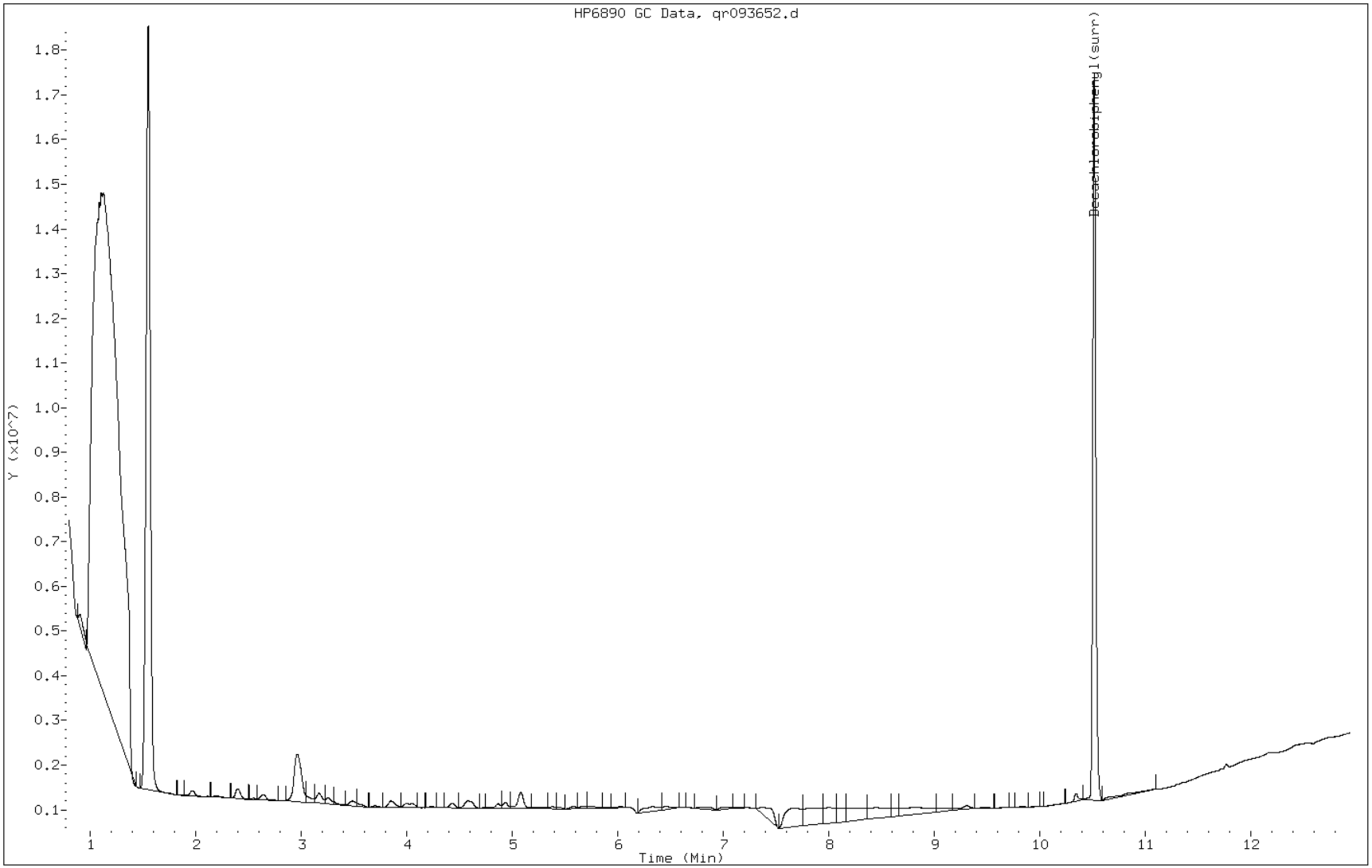
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.518	10.520	-0.002	31199528	41.3452	28	80.00- 120.00	100.00

Data File: qr093652.d

Date: 19-MAR-2013 00:59

Client ID: PMP-5-NE-VD Instrument: PESTGC8.i

Sample Info: 460-52450-F-17-B Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT Lab Sample ID: 460-52450-18

Matrix: Solid Lab File ID: qf093682.d

Analysis Method: 8082 Date Collected: 03/14/2013 12:25

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 11:35

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	33000		1500	330
11096-82-5	Aroclor 1260	8500		1500	410

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093682.d
Lab Smp Id: 460-52450-F-18-B Client Smp ID: PMP-5-NE-WT
Inj Date : 19-MAR-2013 11:35
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-18-B
Misc Info : 460-52450-F-18-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 15
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.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	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	8.06175	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.964	2.966	-0.002	33853082	2214.11	32000	80.00- 120.00	100.00(M)
3.660	3.661	-0.001	61125204	2193.89	32000	0.00- 0.00	180.56
4.106	4.108	-0.002	27458011	2396.93	35000	0.00- 0.00	81.11
4.498	4.499	-0.001	115158674	2124.21	31000	0.00- 0.00	340.17
4.747	4.746	0.001	49310535	2183.69	32000	0.00- 0.00	145.66
5.112	5.111	0.001	22768138	2181.32	32000	42.38- 63.56	67.26
5.785	5.785	0.000	43882763	2368.18	34000	19.58- 29.37	129.63
6.296	6.296	0.000	55414164	2451.33	36000	0.00- 0.00	163.69
Average of Peak Concentrations =					33000		
27 Aroclor-1260					CAS #: 11096-82-5		
7.811	7.818	-0.007	21935165	519.216	7500	0.00- 0.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE		RATIO
27 Aroclor-1260 (continued)								
8.268	8.276	-0.008	30756915	556.231	8100	0.00-	0.00	140.22
9.151	9.161	-0.010	38660938	547.386	7900	0.00-	0.00	176.25
9.389	9.399	-0.010	23145693	627.933	9100	0.00-	0.00	105.52
9.509	9.516	-0.007	11920442	604.569	8800	0.00-	0.00	54.34
9.957	9.963	-0.006	17741385	605.801	8800	0.00-	0.00	80.88
10.661	10.663	-0.002	18839872	589.916	8600	0.00-	0.00	85.89
11.149	11.149	0.000	8415170	632.287	9200	0.00-	0.00	38.36
			Average of Peak Concentrations =		8500			

QC Flag Legend

M - Compound response manually integrated.

Data File: qf093682.d

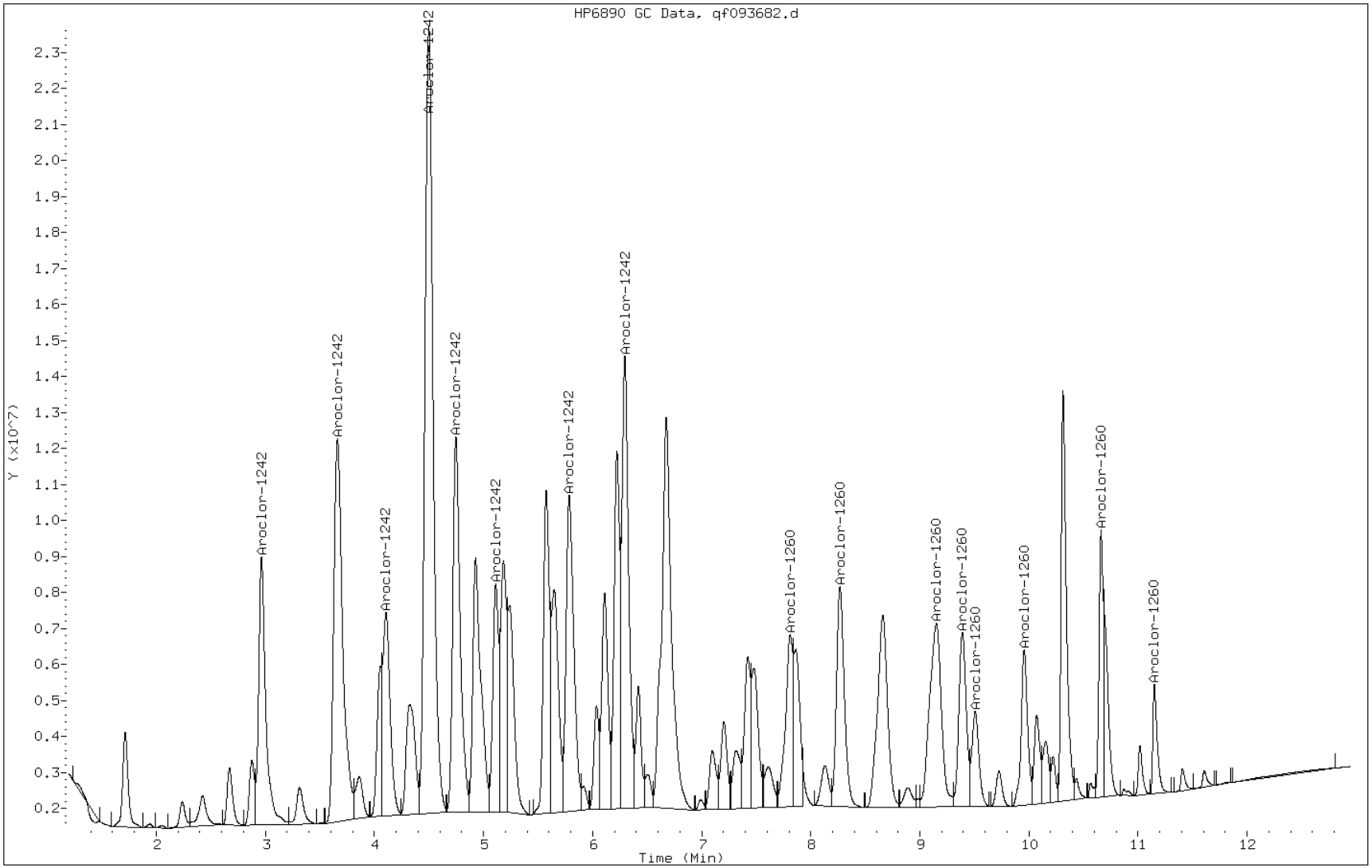
Date: 19-MAR-2013 11:35

Client ID: PMP-5-NE-WT

Instrument: PESTGC8.i

Sample Info: 460-52450-F-18-B

Operator:



Manual Integration Report

Data File: qf093682.d
Inj. Date and Time: 19-MAR-2013 11:35
Instrument ID: PESTGC8.i
Client ID: PMP-5-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

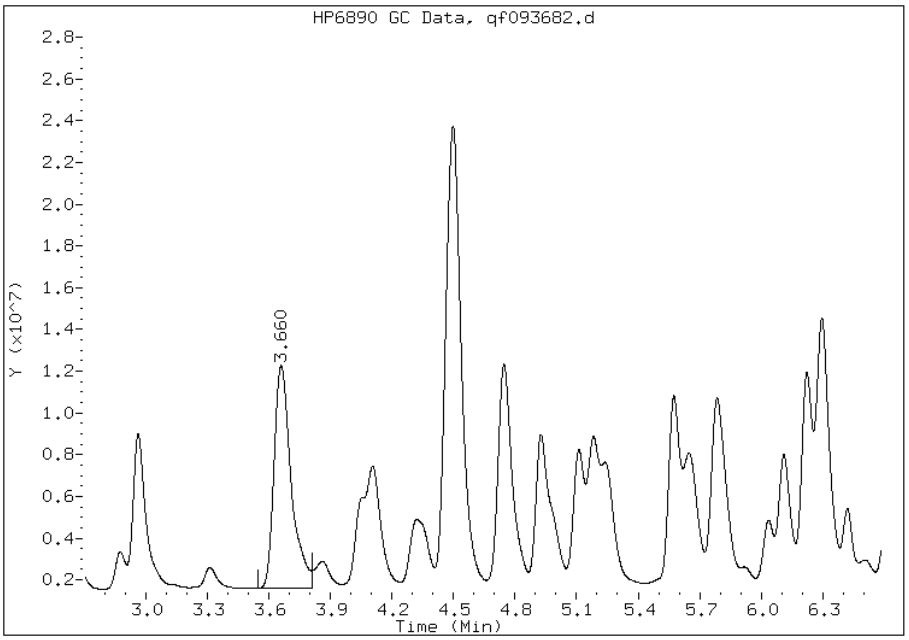
Processing Integration Results

RT: 3.66

Response: 61962925

Amount: 2321.67

Conc: 34000.00



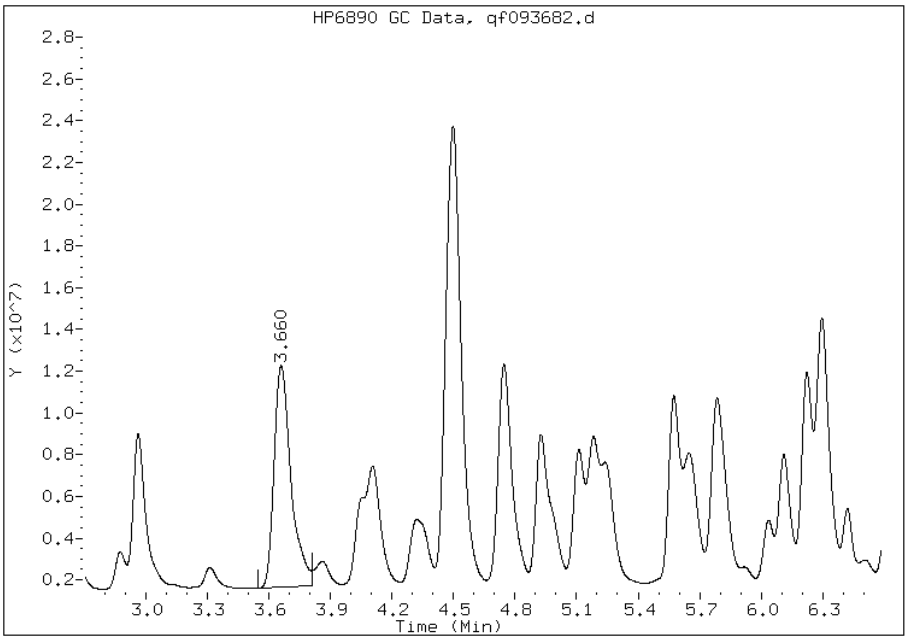
Manual Integration Results

RT: 3.66

Response: 61125204

Amount: 2264.21

Conc: 33000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qf093682.d
Inj. Date and Time: 19-MAR-2013 11:35
Instrument ID: PESTGC8.i
Client ID: PMP-5-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

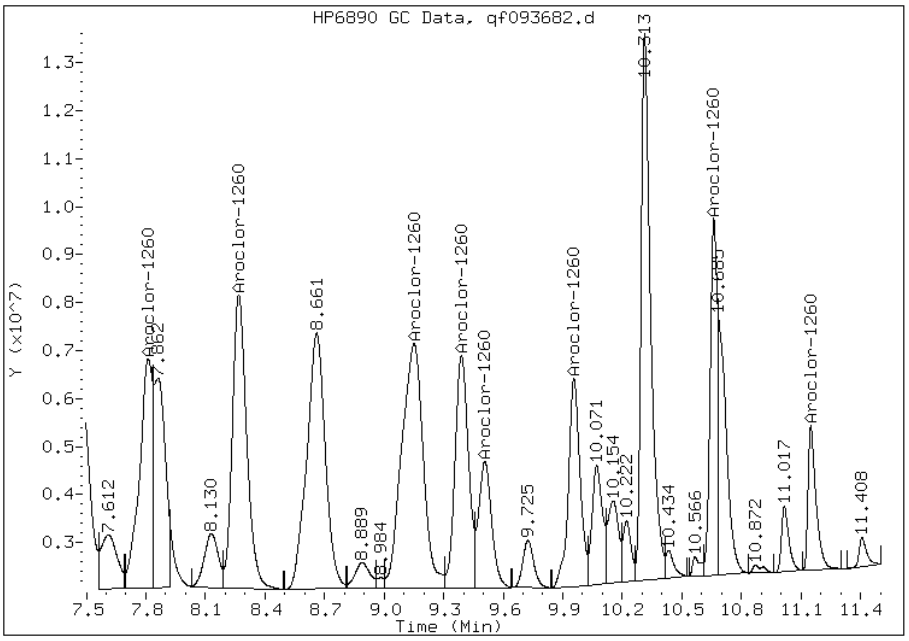
Manual Integration Results

RT: 7.81

Response: 21935165

Amount: 585.42

Conc: 8500.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT Lab Sample ID: 460-52450-18

Matrix: Solid Lab File ID: qr093682.d

Analysis Method: 8082 Date Collected: 03/14/2013 12:25

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 11:35

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	330	U	1500	330
11104-28-2	Aroclor 1221	330	U	1500	330
11141-16-5	Aroclor 1232	330	U	1500	330
12672-29-6	Aroclor 1248	330	U	1500	330
11097-69-1	Aroclor 1254	410	U	1500	410
37324-23-5	Aroclor 1262	410	U	1500	410
11100-14-4	Aroclor 1268	410	U	1500	410

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

Data File: qr093682.d
Report Date: 19-Mar-2013 14:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093682.d
Lab Smp Id: 460-52450-F-18-B Client Smp ID: PMP-5-NE-WT
Inj Date : 19-MAR-2013 11:35
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-18-B
Misc Info : 460-52450-F-18-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 15
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.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	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	8.06175	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.964	1.977	-0.013	43949896	1827.62	26000	80.00- 120.00	100.00(M)
2.395	2.407	-0.012	71570204	1902.96	28000	125.12- 187.68	162.84
2.638	2.651	-0.013	47807474	1849.59	27000	85.99- 128.98	108.78
2.982	2.994	-0.012	145263823	1944.18	28000	248.56- 372.85	330.52
3.166	3.178	-0.012	67999477	2035.39	30000	111.14- 166.71	154.72
3.486	3.499	-0.013	62502041	1684.05	24000	123.47- 185.20	142.21
3.848	3.861	-0.013	72535991	2101.34	30000	114.83- 172.25	165.04
4.932	4.941	-0.009	0			69.94- 104.91	0.00
Average of Peak Concentrations =					28000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.878	5.887	-0.009	30661128	570.022	8300	80.00- 120.00	100.00

Data File: qr093682.d
Report Date: 19-Mar-2013 14:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.328	6.337	-0.009	51581601	535.633	7800	145.55- 218.32	168.23
6.764	6.773	-0.009	48133340	527.342	7600	140.64- 210.95	156.98
6.959	6.970	-0.011	28275047	606.350	8800	73.78- 110.68	92.22
7.377	7.387	-0.010	27961209	576.324	8400	75.71- 113.56	91.19
8.607	8.621	-0.014	34360951	555.273	8000	96.73- 145.09	112.07
8.819	8.833	-0.014	21833352	629.856	9100	53.49- 80.23	71.21
9.974	9.984	-0.010	16990797	559.231	8100	47.38- 71.07	55.41
		Average of Peak Concentrations =			8300		

QC Flag Legend

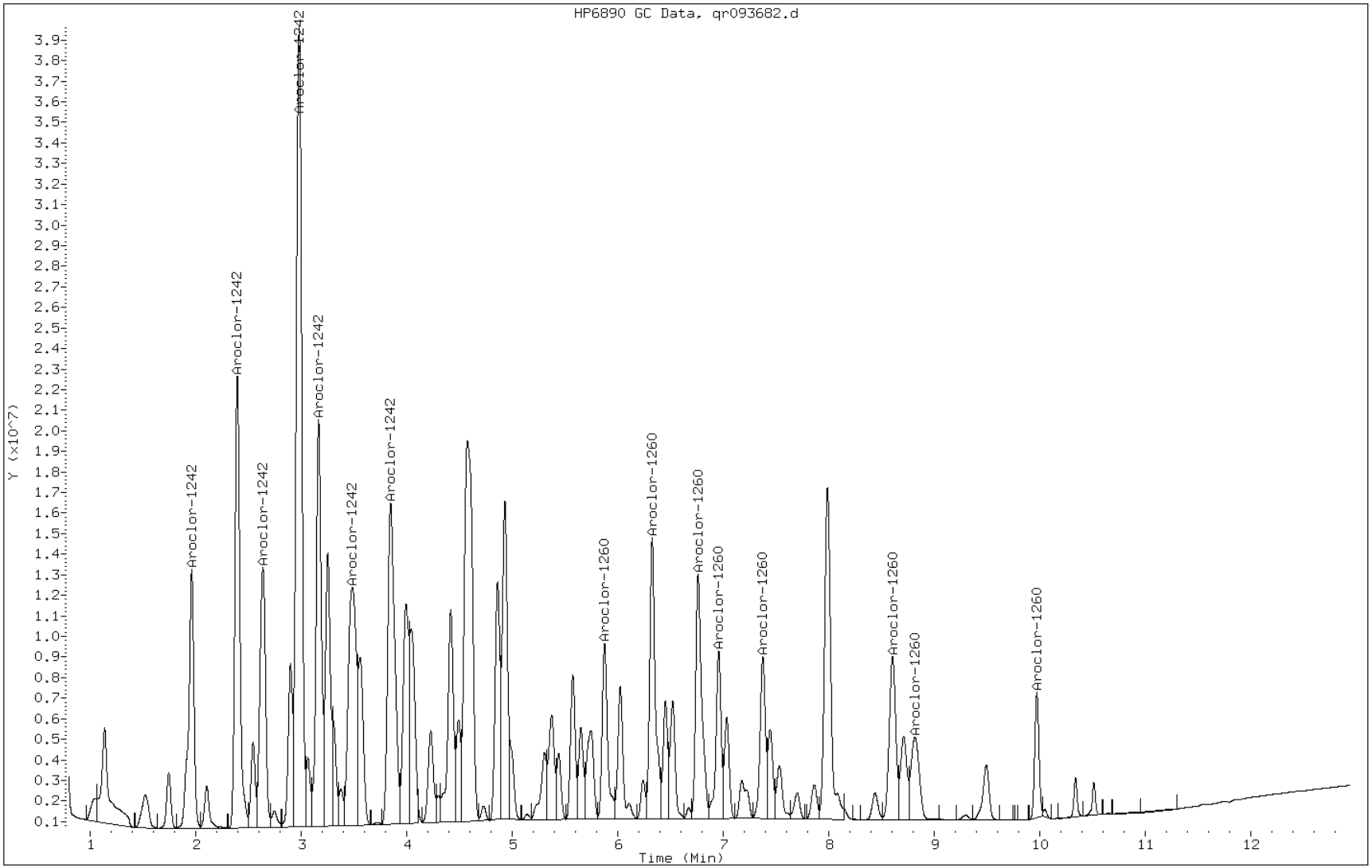
M - Compound response manually integrated.

Data File: qr093682.d

Date: 19-MAR-2013 11:35

Client ID: PMP-5-NE-WT Instrument: PESTGC8.i

Sample Info: 460-52450-F-18-B Operator:



Manual Integration Report

Data File: qr093682.d
Inj. Date and Time: 19-MAR-2013 11:35
Instrument ID: PESTGC8.i
Client ID: PMP-5-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

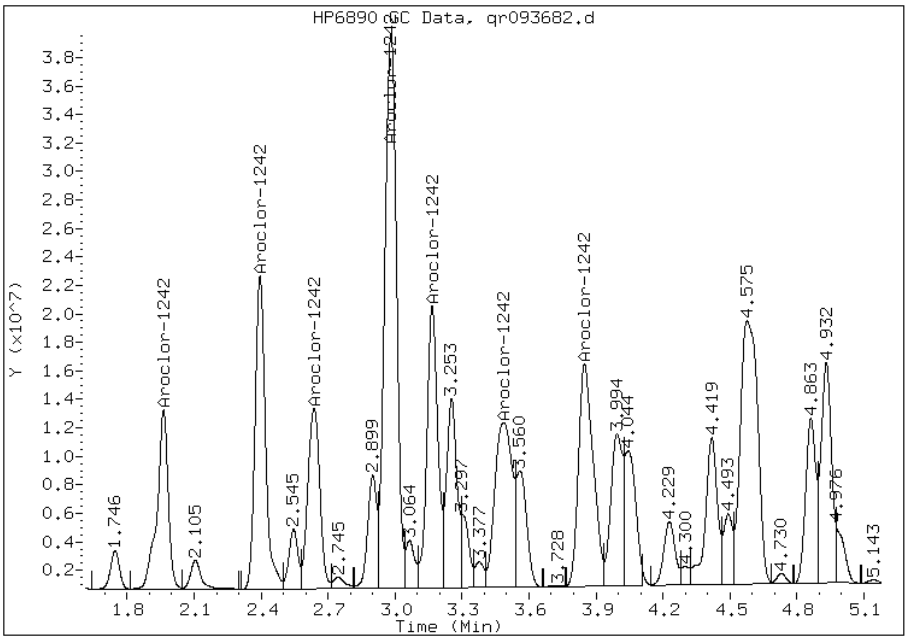
Manual Integration Results

RT: 1.96

Response: 43949896

Amount: 1906.45

Conc: 28000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI Lab Sample ID: 460-52450-19

Matrix: Solid Lab File ID: qf093683.d

Analysis Method: 8082 Date Collected: 03/14/2013 12:30

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.03(g) Date Analyzed: 03/19/2013 11:52

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	4600		390	87

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093683.d
Lab Smp Id: 460-52450-F-19-B Client Smp ID: PMP-5-NE-SI
Inj Date : 19-MAR-2013 11:52
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-19-B
Misc Info : 460-52450-F-19-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 16
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.12844	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.965	2.966	-0.001	17565391	1148.84	4400	80.00- 120.00	100.00(M)
3.661	3.661	0.000	32371460	1161.87	4500	0.00- 0.00	184.29
4.107	4.108	-0.001	14561074	1271.10	4900	0.00- 0.00	82.90
4.499	4.499	0.000	61722714	1138.53	4400	0.00- 0.00	351.39
4.747	4.746	0.001	26270545	1163.38	4500	0.00- 0.00	149.56
5.113	5.111	0.002	12078840	1157.22	4500	42.38- 63.56	68.76
5.786	5.785	0.001	22054074	1190.17	4600	19.58- 29.37	125.55
6.296	6.296	0.000	27718081	1226.15	4800	0.00- 0.00	157.80
Average of Peak Concentrations =					4600		
27 Aroclor-1260					CAS #: 11096-82-5		
7.813	7.818	-0.005	10196622	241.359	940	0.00- 0.00	100.00(MH)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.271	8.276	-0.005	14201874	256.837	990	0.00- 0.00	139.28
9.153	9.161	-0.008	16056892	227.344	880	0.00- 0.00	157.47
9.391	9.399	-0.008	10097777	273.949	1100	0.00- 0.00	99.03
9.509	9.516	-0.007	5081223	257.704	1000	0.00- 0.00	49.83
9.958	9.963	-0.005	7633244	260.646	1000	0.00- 0.00	74.86
10.661	10.663	-0.002	9179237	287.421	1100	0.00- 0.00	90.02
11.151	11.149	0.002	3513360	263.982	1000	0.00- 0.00	34.46
		Average of Peak Concentrations =			1000		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.607	11.602	0.005	4477274	9.07897	35	80.00- 120.00	100.00(aH)

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: qf093683.d

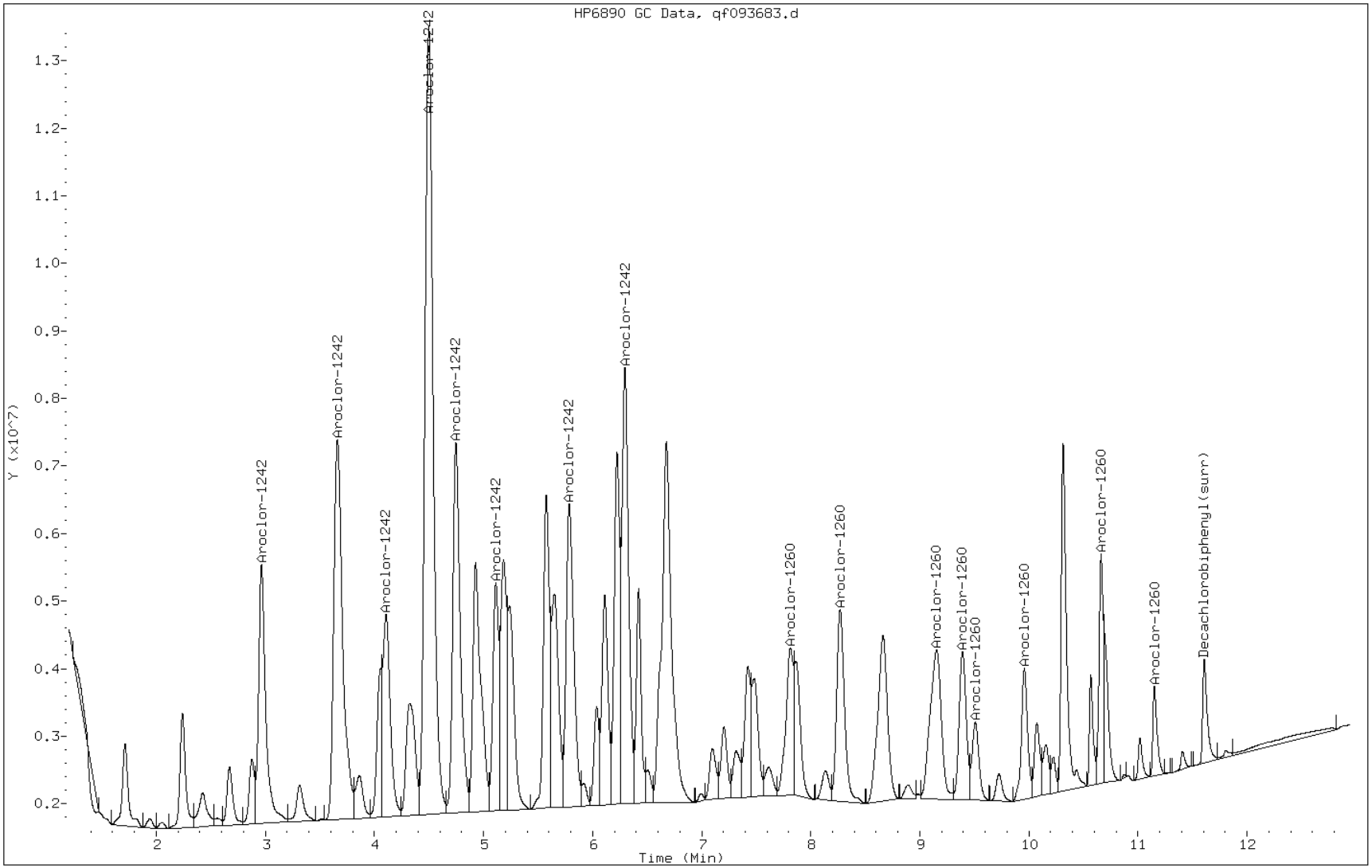
Date: 19-MAR-2013 11:52

Client ID: PMP-5-NE-SI

Instrument: PESTGC8.i

Sample Info: 460-52450-F-19-B

Operator:



Manual Integration Report

Data File: qf093683.d
Inj. Date and Time: 19-MAR-2013 11:52
Instrument ID: PESTGC8.i
Client ID: PMP-5-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.97

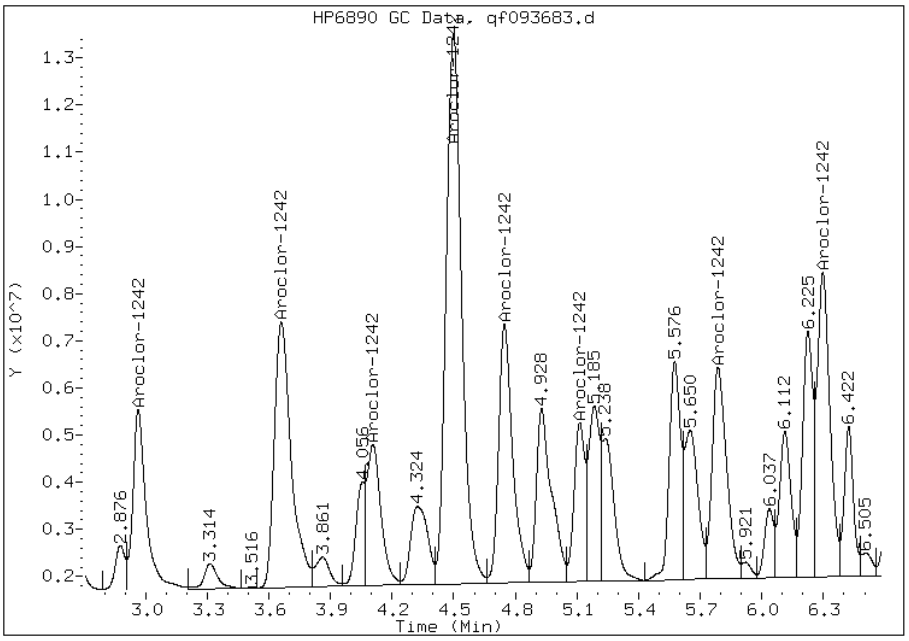
Manual Integration Results

RT: 2.96

Response: 17565391

Amount: 1182.16

Conc: 4600.00



Manually Integrated By: diazc
Manual Integration Reason:

Manual Integration Report

Data File: qf093683.d
Inj. Date and Time: 19-MAR-2013 11:52
Instrument ID: PESTGC8.i
Client ID: PMP-5-NE-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

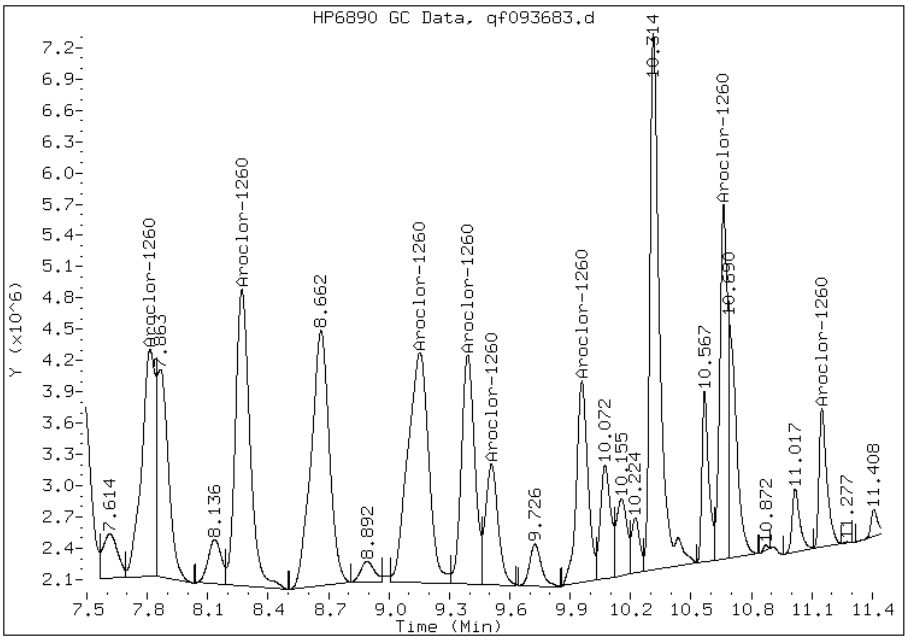
Manual Integration Results

RT: 7.81

Response: 10196622

Amount: 258.66

Conc: 1000.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI Lab Sample ID: 460-52450-19

Matrix: Solid Lab File ID: qr093683.d

Analysis Method: 8082 Date Collected: 03/14/2013 12:30

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.03(g) Date Analyzed: 03/19/2013 11:52

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	87	U	390	87
11104-28-2	Aroclor 1221	87	U	390	87
11141-16-5	Aroclor 1232	87	U	390	87
12672-29-6	Aroclor 1248	87	U	390	87
11097-69-1	Aroclor 1254	110	U	390	110
11096-82-5	Aroclor 1260	1100		390	110
37324-23-5	Aroclor 1262	110	U	390	110
11100-14-4	Aroclor 1268	110	U	390	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		45-138

Data File: qr093683.d
Report Date: 19-Mar-2013 14:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093683.d
Lab Smp Id: 460-52450-F-19-B Client Smp ID: PMP-5-NE-SI
Inj Date : 19-MAR-2013 11:52
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-19-B
Misc Info : 460-52450-F-19-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 16
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.12844	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.963	1.977	-0.014	23531954	978.556	3800	80.00- 120.00	100.00(MH)
2.396	2.407	-0.011	39945583	1062.10	4100	125.12- 187.68	169.75
2.639	2.651	-0.012	26860001	1039.17	4000	85.99- 128.98	114.14
2.982	2.994	-0.012	80331055	1075.13	4200	248.56- 372.85	341.37
3.166	3.178	-0.012	37751320	1129.99	4400	111.14- 166.71	160.43
3.488	3.499	-0.011	34504218	929.679	3600	123.47- 185.20	146.63
3.849	3.861	-0.012	39394364	1141.24	4400	114.83- 172.25	167.41
4.933	4.941	-0.008	28598422	1360.29	5300	69.94- 104.91	121.53
Average of Peak Concentrations =					4200		
27 Aroclor-1260					CAS #: 11096-82-5		
5.878	5.887	-0.009	15607673	290.163	1100	80.00- 120.00	100.00(M)

Data File: qr093683.d
Report Date: 19-Mar-2013 14:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.329	6.337	-0.008	25577398	265.601	1000	145.55- 218.32	163.88
6.765	6.773	-0.008	23471413	257.150	1000	140.64- 210.95	150.38
6.961	6.970	-0.009	12658037	271.448	1000	73.78- 110.68	81.10
7.379	7.387	-0.008	13380084	275.784	1100	75.71- 113.56	85.73
8.609	8.621	-0.012	15978330	258.210	1000	96.73- 145.09	102.37
8.821	8.833	-0.012	10492777	302.699	1200	53.49- 80.23	67.23
9.977	9.984	-0.007	8048586	264.909	1000	47.38- 71.07	51.57
Average of Peak Concentrations =					1000		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.516	10.520	-0.004	9427229	12.4928	48	80.00- 120.00	100.00(a)

QC Flag Legend

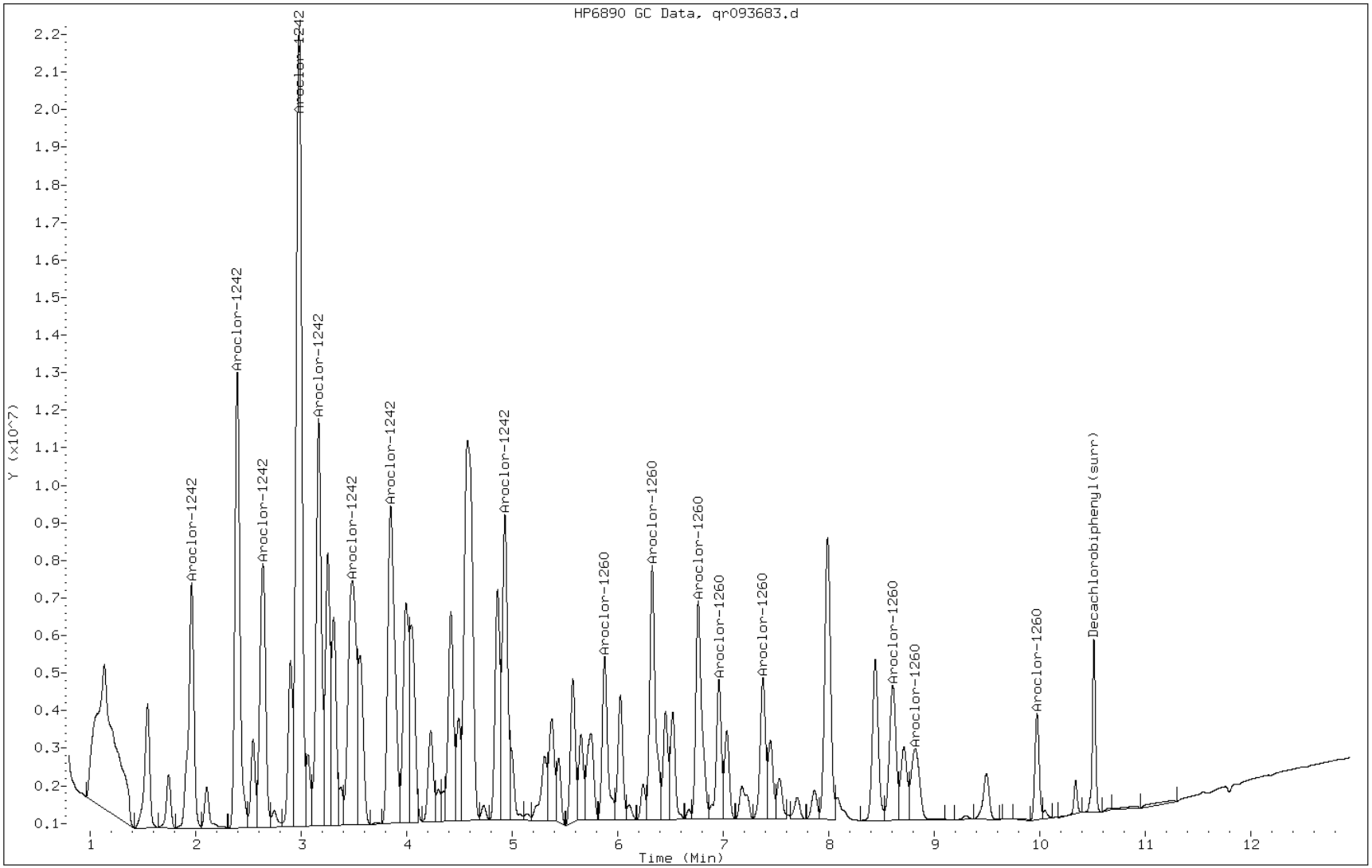
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr093683.d

Date: 19-MAR-2013 11:52

Client ID: PMP-5-NE-SI Instrument: PESTGC8.i

Sample Info: 460-52450-F-19-B Operator:



Manual Integration Report

Data File: qr093683.d
Inj. Date and Time: 19-MAR-2013 11:52
Instrument ID: PESTGC8.i
Client ID: PMP-5-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

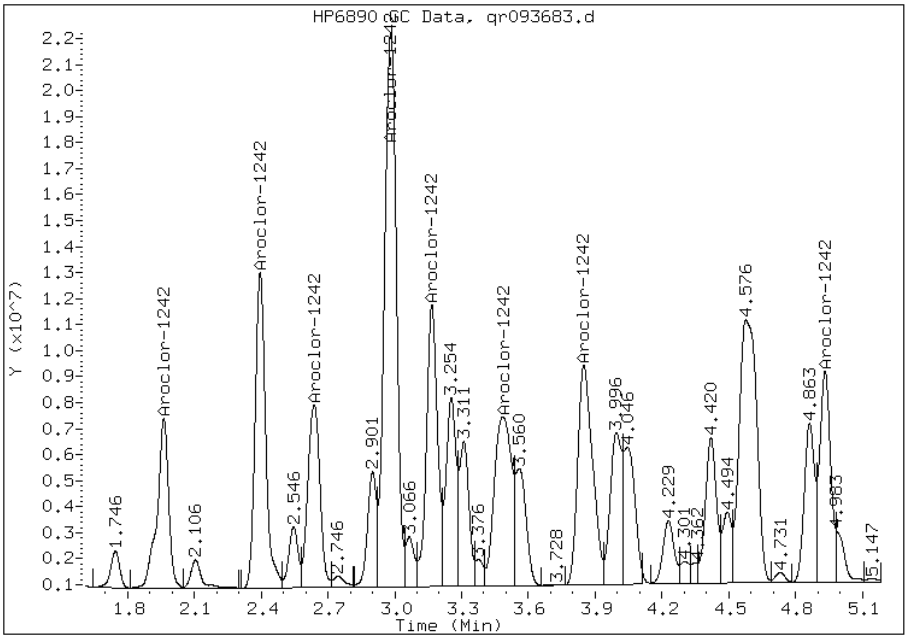
Manual Integration Results

RT: 1.96

Response: 23531954

Amount: 1089.52

Conc: 4200.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qr093683.d
Inj. Date and Time: 19-MAR-2013 11:52
Instrument ID: PESTGC8.i
Client ID: PMP-5-NE-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 5.89

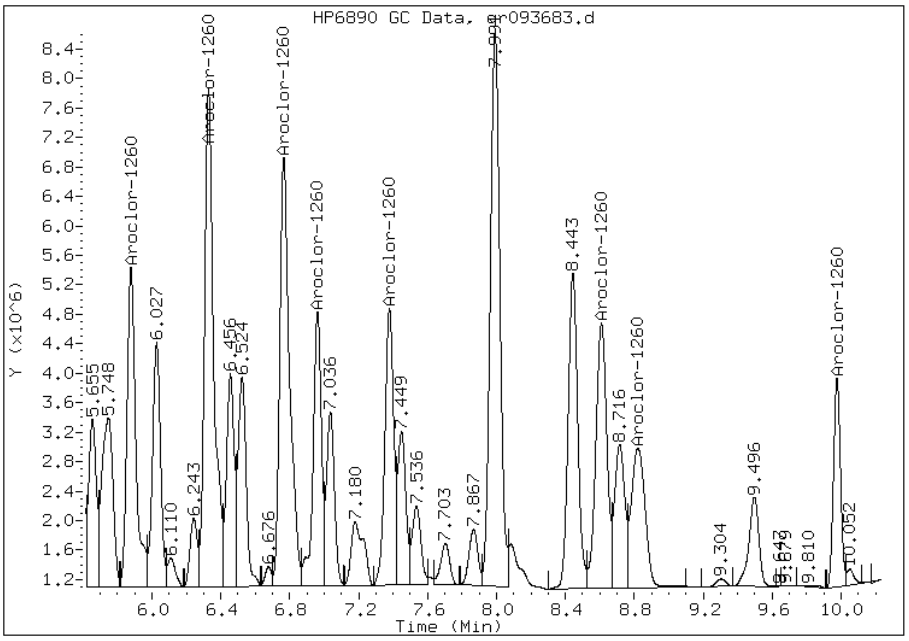
Manual Integration Results

RT: 5.88

Response: 15607673

Amount: 273.25

Conc: 1000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD Lab Sample ID: 460-52450-20

Matrix: Solid Lab File ID: qf093688.d

Analysis Method: 8082 Date Collected: 03/14/2013 13:45

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 13:22

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	46000		3500	790

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093688.d
Lab Smp Id: 460-52450-F-20-A Client Smp ID: PMP-7-NE-VD
Inj Date : 19-MAR-2013 13:22
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-20-A
Misc Info : 460-52450-F-20-A
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 21
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.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	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.73477	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.973	2.966	0.007	9551711	624.716	22000	80.00- 120.00	100.00(MH)
3.674	3.661	0.013	38468355	1380.70	49000	0.00- 0.00	402.74
4.119	4.108	0.011	16960393	1480.55	52000	0.00- 0.00	177.56
4.510	4.499	0.011	74919861	1381.97	49000	0.00- 0.00	784.36
4.758	4.746	0.012	26178261	1159.29	41000	0.00- 0.00	274.07
5.125	5.111	0.014	13995728	1340.87	47000	42.38- 63.56	146.53
5.797	5.785	0.012	28224561	1523.17	54000	19.58- 29.37	295.49
6.306	6.296	0.010	32587685	1441.57	51000	0.00- 0.00	341.17
Average of Peak Concentrations =					46000		
27 Aroclor-1260					CAS #: 11096-82-5		
7.883	7.818	0.065	0			0.00- 0.00	0.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE		RATIO
27 Aroclor-1260 (continued)								
8.281	8.276	0.005	7505079	135.728	4800	0.00-	0.00	47.27
9.165	9.161	0.004	8500082	120.350	4200	0.00-	0.00	53.54
9.402	9.399	0.003	4793461	130.045	4600	0.00-	0.00	30.19
9.520	9.516	0.004	2353480	119.361	4200	0.00-	0.00	14.82
9.965	9.963	0.002	3310503	113.041	4000	0.00-	0.00	20.85
10.664	10.663	0.001	4240735	132.786	4700	0.00-	0.00	26.71
11.147	11.149	-0.002	1518866	114.122	4000	0.00-	0.00	9.57
Average of Peak Concentrations =					4400			

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qf093688.d

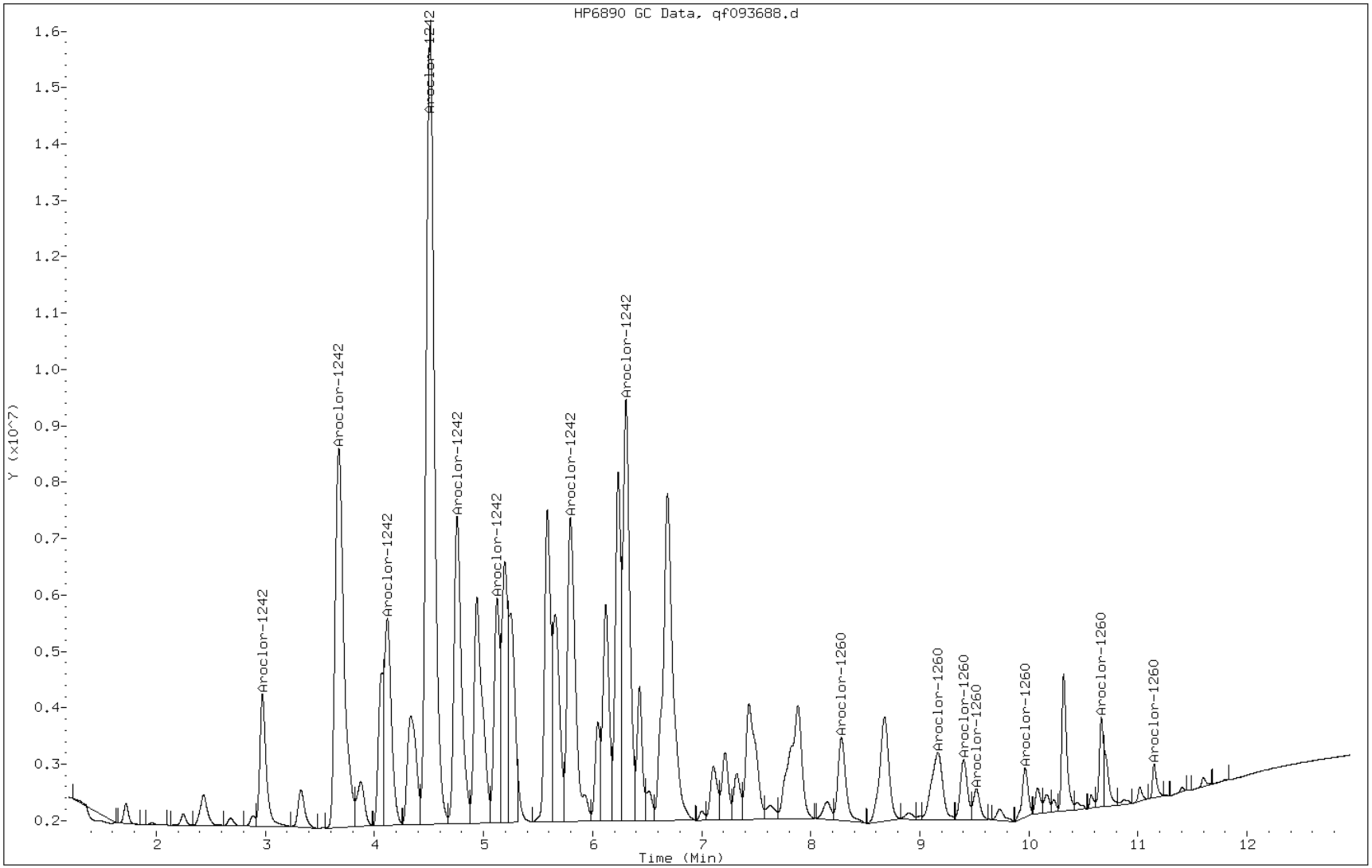
Date: 19-MAR-2013 13:22

Client ID: PMP-7-NE-VD

Instrument: PESTGC8.i

Sample Info: 460-52450-F-20-A

Operator:



Manual Integration Report

Data File: qf093688.d
Inj. Date and Time: 19-MAR-2013 13:22
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.97

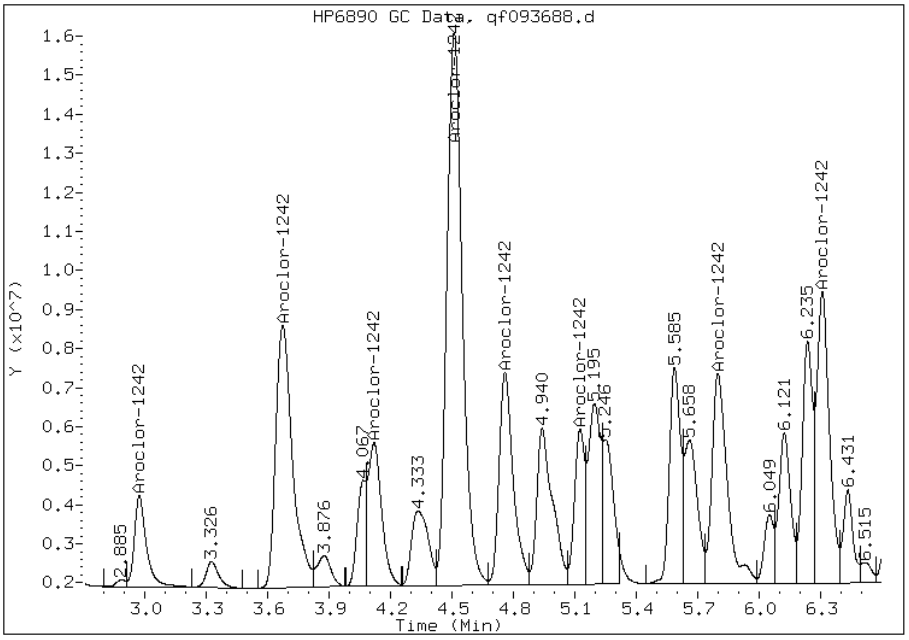
Manual Integration Results

RT: 2.97

Response: 9551711

Amount: 1291.60

Conc: 46000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qf093688.d
Inj. Date and Time: 19-MAR-2013 13:22
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

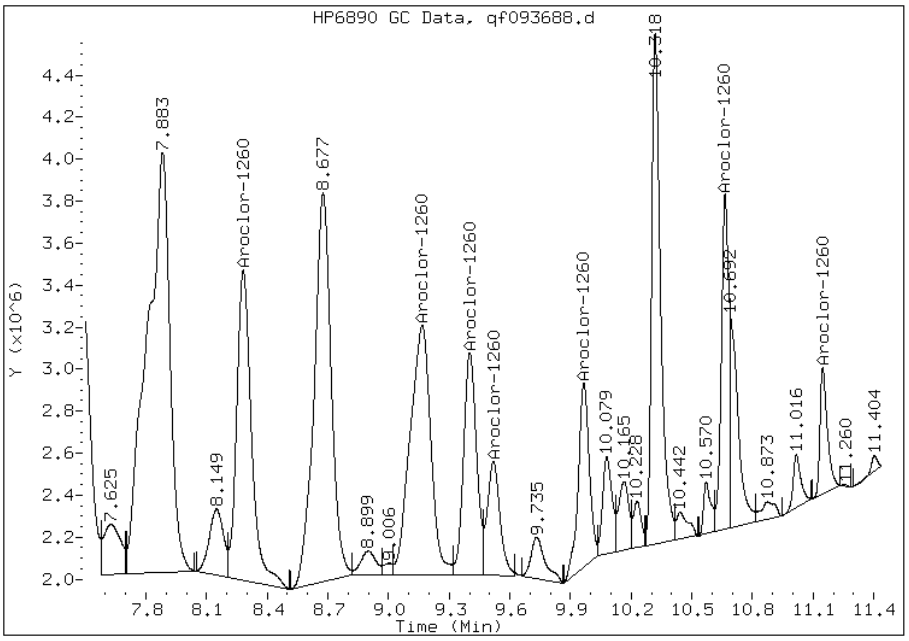
Manual Integration Results

RT: 7.88

Response: 0

Amount: 123.63

Conc: 4400.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD | Lab Sample ID: 460-52450-20

Matrix: Solid | Lab File ID: qr093688.d

Analysis Method: 8082 | Date Collected: 03/14/2013 13:45

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 13:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	790	U	3500	790
11104-28-2	Aroclor 1221	790	U	3500	790
11141-16-5	Aroclor 1232	790	U	3500	790
12672-29-6	Aroclor 1248	790	U	3500	790
11097-69-1	Aroclor 1254	1000	U	3500	1000
11096-82-5	Aroclor 1260	4700		3500	1000
37324-23-5	Aroclor 1262	1000	U	3500	1000
11100-14-4	Aroclor 1268	1000	U	3500	1000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

Data File: qr093688.d
Report Date: 19-Mar-2013 14:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093688.d
Lab Smp Id: 460-52450-F-20-A Client Smp ID: PMP-7-NE-VD
Inj Date : 19-MAR-2013 13:22
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-20-A
Misc Info : 460-52450-F-20-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 21
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.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	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.73477	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.964	1.977	-0.013	13205533	549.141	19000	80.00- 120.00	100.00(M)
2.395	2.407	-0.012	50898499	1353.33	48000	125.12- 187.68	385.43
2.640	2.651	-0.011	35367025	1368.29	48000	85.99- 128.98	267.82
2.984	2.994	-0.010	102181700	1367.57	48000	248.56- 372.85	773.78
3.168	3.178	-0.010	39602139	1185.39	42000	111.14- 166.71	299.89
3.489	3.499	-0.010	49394739	1330.89	47000	123.47- 185.20	374.05
3.851	3.861	-0.010	47291455	1370.02	48000	114.83- 172.25	358.12
4.935	4.941	-0.006	31251874	1486.51	52000	69.94- 104.91	236.66
Average of Peak Concentrations =					44000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.882	5.887	-0.005	7604451	141.375	5000	80.00- 120.00	100.00(M)

Data File: qr093688.d
Report Date: 19-Mar-2013 14:16

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.332	6.337	-0.005	13618309	141.415	5000	145.55- 218.32	179.08
6.768	6.773	-0.005	12685750	138.983	4900	140.64- 210.95	166.82
6.963	6.970	-0.007	6380929	136.837	4800	73.78- 110.68	83.91
7.381	7.387	-0.006	6737315	138.867	4900	75.71- 113.56	88.60
8.614	8.621	-0.007	6768557	109.380	3800	96.73- 145.09	89.01
8.829	8.833	-0.004	4648048	134.088	4700	53.49- 80.23	61.12
9.980	9.984	-0.004	3938461	129.629	4600	47.38- 71.07	51.79
		Average of Peak Concentrations =			4700		

QC Flag Legend

M - Compound response manually integrated.

Data File: qr093688.d

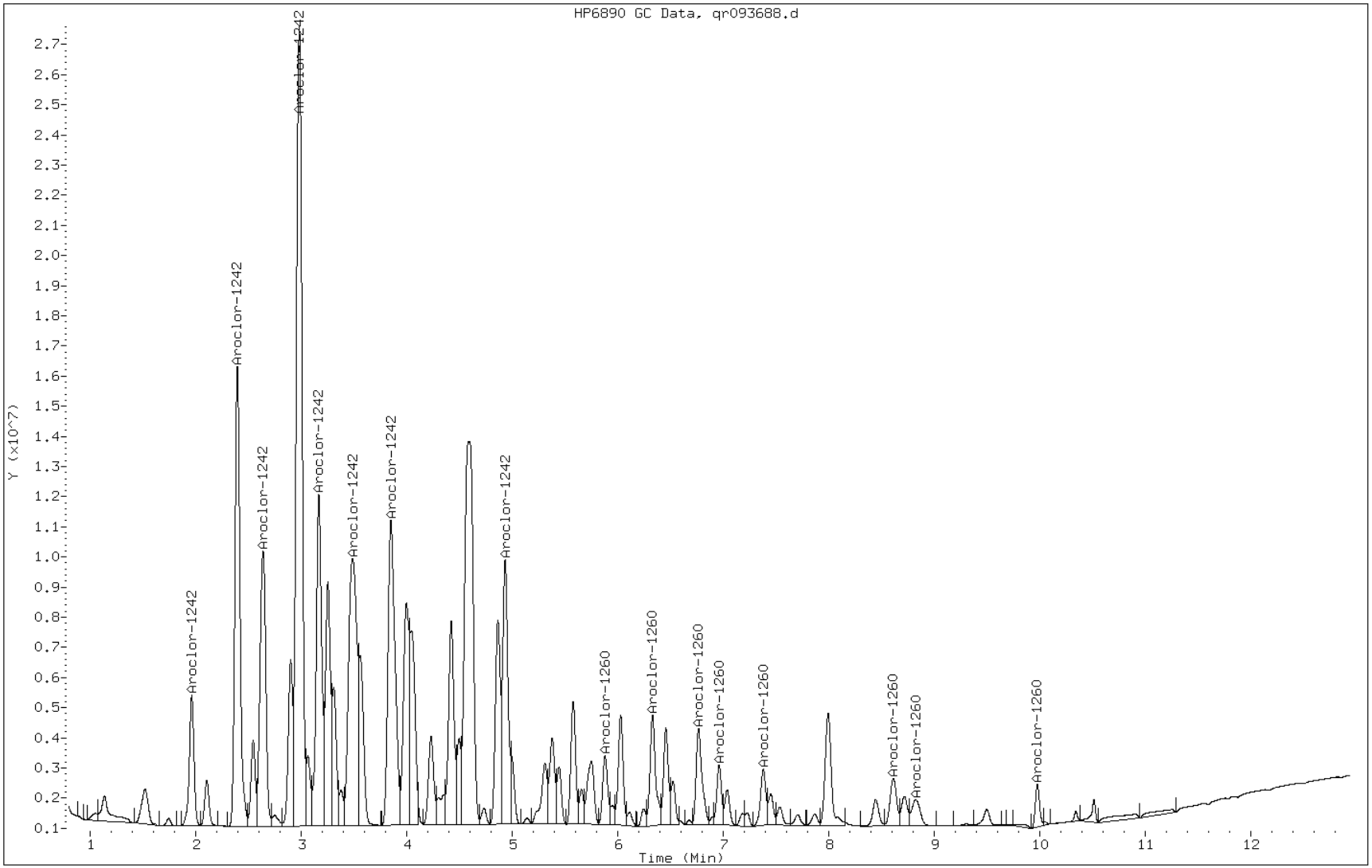
Date: 19-MAR-2013 13:22

Client ID: PMP-7-NE-VD

Instrument: PESTGC8.i

Sample Info: 460-52450-F-20-A

Operator:



Manual Integration Report

Data File: qr093688.d
Inj. Date and Time: 19-MAR-2013 13:22
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

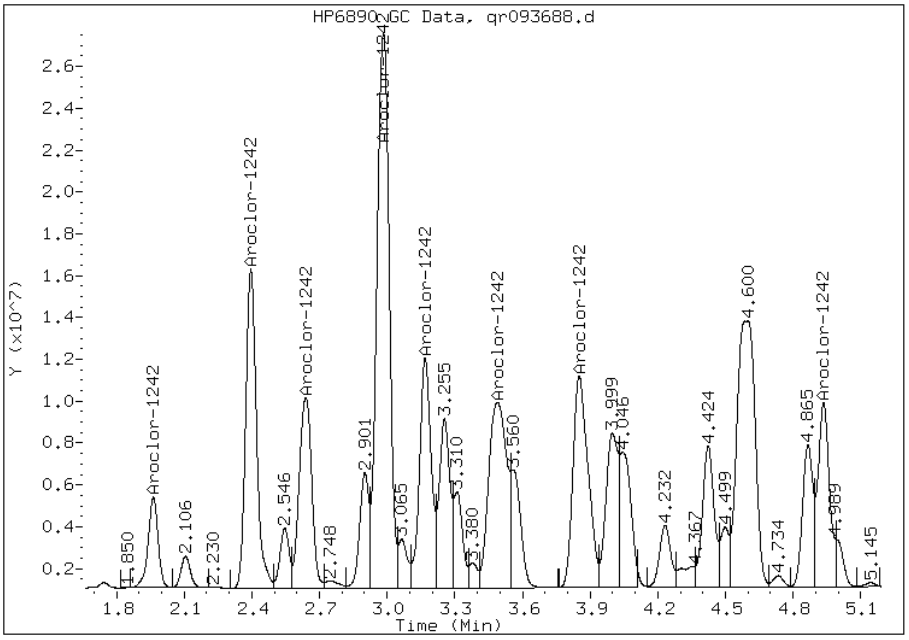
Manual Integration Results

RT: 1.96

Response: 13205533

Amount: 1251.39

Conc: 44000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qr093688.d
Inj. Date and Time: 19-MAR-2013 13:22
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

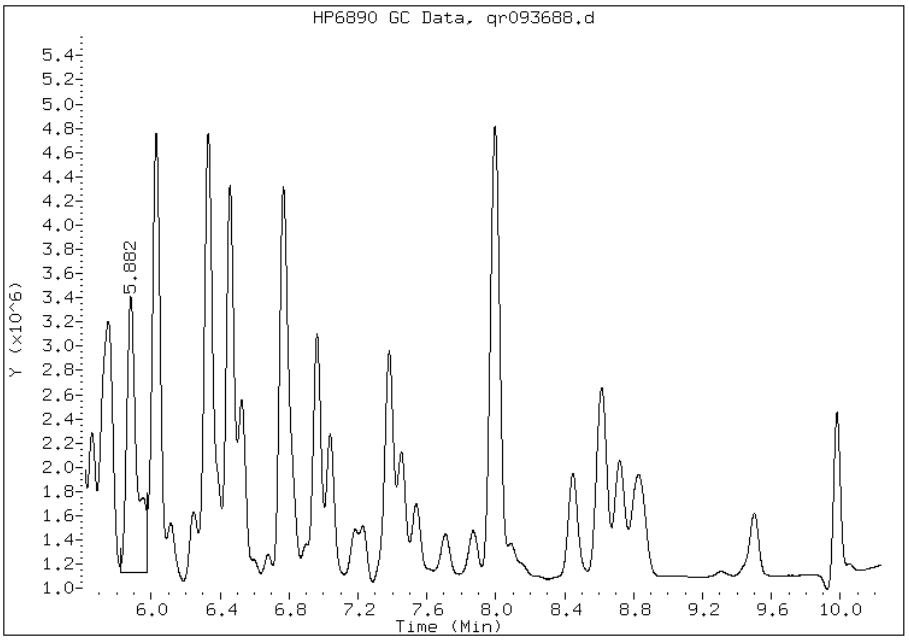
Processing Integration Results

RT: 5.88

Response: 9177338

Amount: 137.48

Conc: 4800.00



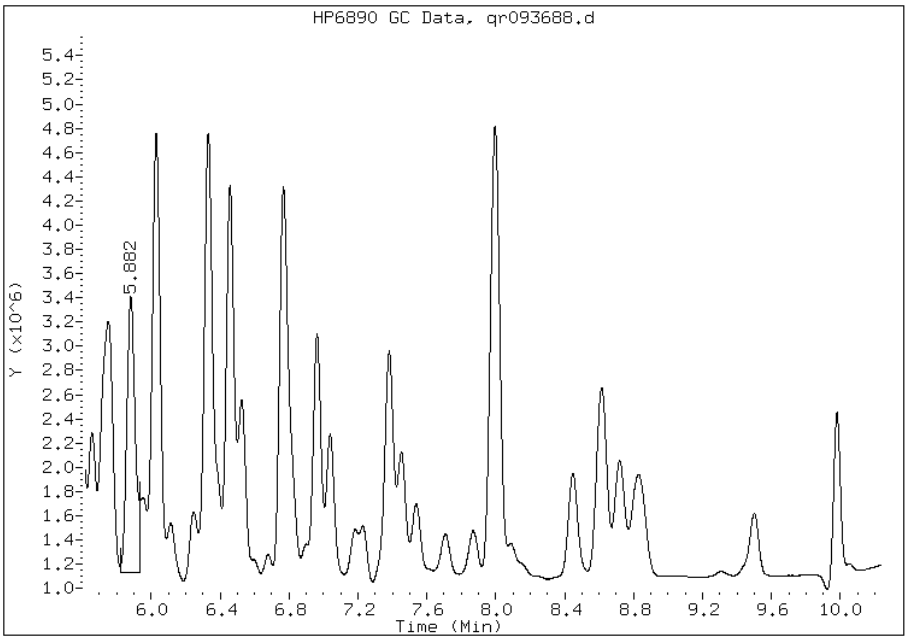
Manual Integration Results

RT: 5.88

Response: 7604451

Amount: 133.82

Conc: 4700.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT Lab Sample ID: 460-52450-21

Matrix: Solid Lab File ID: qf093685.d

Analysis Method: 8082 Date Collected: 03/14/2013 13:50

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 12:26

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	160000		7200	1600

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093685.d
Lab Smp Id: 460-52450-F-21-A Client Smp ID: PMP-7-NE-WT
Inj Date : 19-MAR-2013 12:26
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-21-A
Misc Info : 460-52450-F-21-A
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 18
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.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	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	6.60377	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.964	2.966	-0.002	32647812	2135.28	150000	80.00- 120.00	100.00(M)
3.661	3.661	0.000	63499179	2279.10	160000	0.00- 0.00	194.50
4.107	4.108	-0.001	27713410	2419.23	170000	0.00- 0.00	84.89
4.499	4.499	0.000	120817548	2228.59	160000	0.00- 0.00	370.06
4.747	4.746	0.001	51193404	2267.07	160000	0.00- 0.00	156.81
5.113	5.111	0.002	23033188	2206.71	160000	42.38- 63.56	70.55
5.785	5.785	0.000	44567738	2405.14	170000	19.58- 29.37	136.51
6.296	6.296	0.000	54847346	2426.26	170000	0.00- 0.00	168.00
Average of Peak Concentrations =					160000		
27 Aroclor-1260					CAS #: 11096-82-5		
7.816	7.818	-0.002	0			0.00- 0.00	0.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE		RATIO
27 Aroclor-1260 (continued)								
8.269	8.276	-0.007	14336412	259.271	18000	0.00-	0.00	121.32
9.151	9.161	-0.010	17418846	246.627	18000	0.00-	0.00	147.41
9.390	9.399	-0.009	9542934	258.896	18000	0.00-	0.00	80.76
9.508	9.516	-0.008	4615758	234.097	17000	0.00-	0.00	39.06
9.957	9.963	-0.006	7358698	251.272	18000	0.00-	0.00	62.27
10.661	10.663	-0.002	8578293	268.604	19000	0.00-	0.00	72.60
11.149	11.149	0.000	3227570	242.509	17000	0.00-	0.00	27.31
Average of Peak Concentrations =					18000			

QC Flag Legend

M - Compound response manually integrated.

Data File: qf093685.d

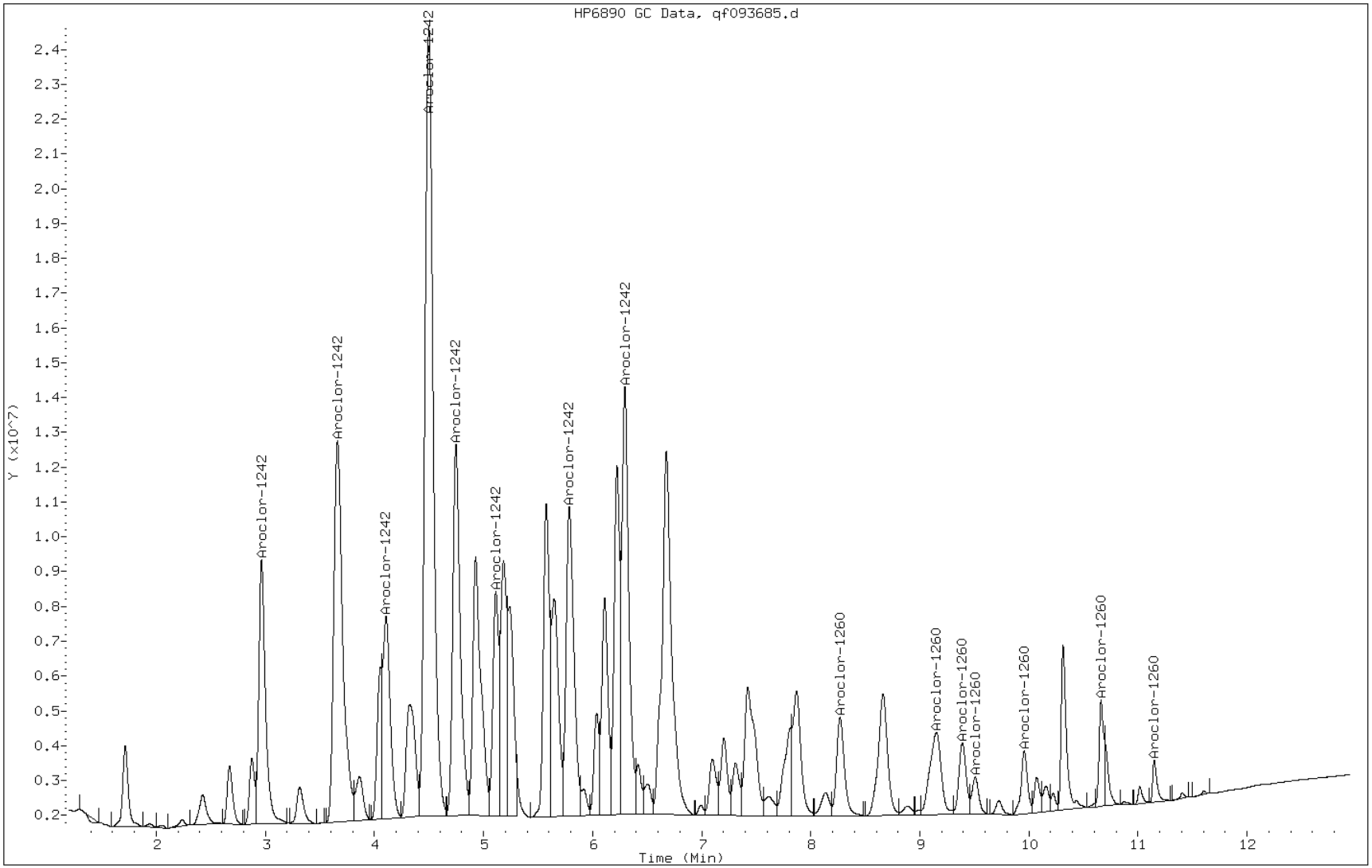
Date: 19-MAR-2013 12:26

Client ID: PMP-7-NE-WT

Instrument: PESTGC8.i

Sample Info: 460-52450-F-21-A

Operator:



Manual Integration Report

Data File: qf093685.d
Inj. Date and Time: 19-MAR-2013 12:26
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

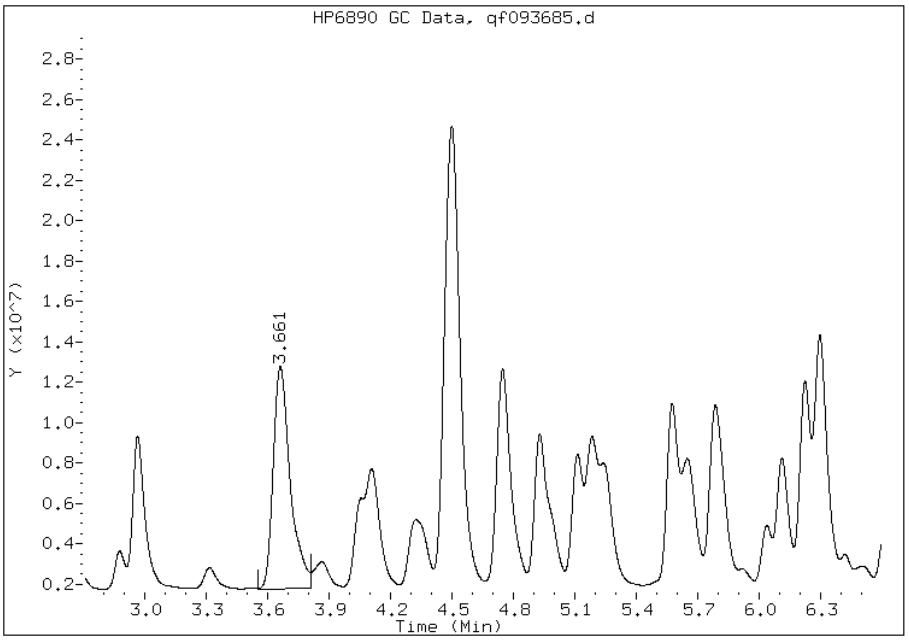
Processing Integration Results

RT: 3.66

Response: 64021024

Amount: 2343.09

Conc: 170000.00



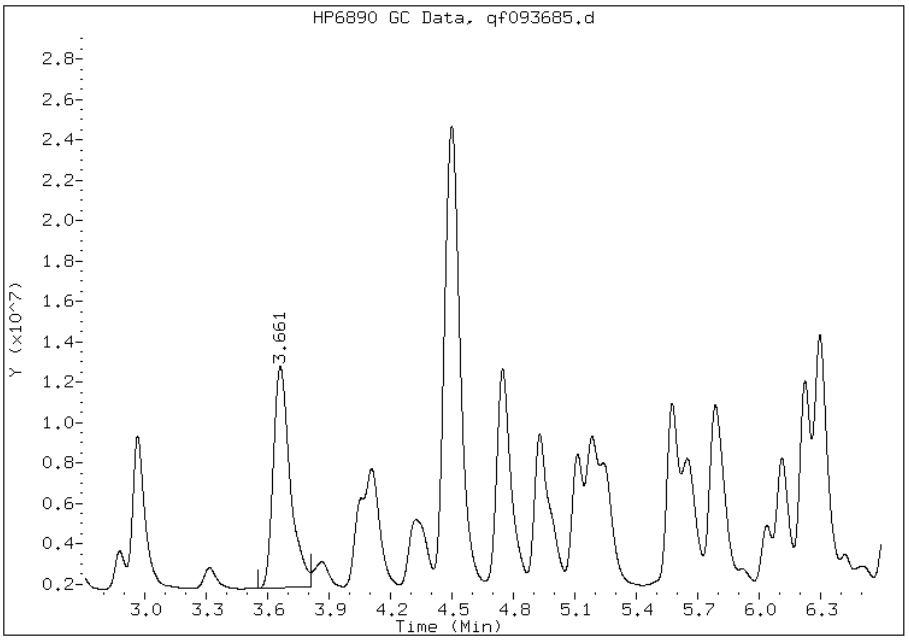
Manual Integration Results

RT: 3.66

Response: 63499179

Amount: 2295.92

Conc: 160000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qf093685.d
Inj. Date and Time: 19-MAR-2013 12:26
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

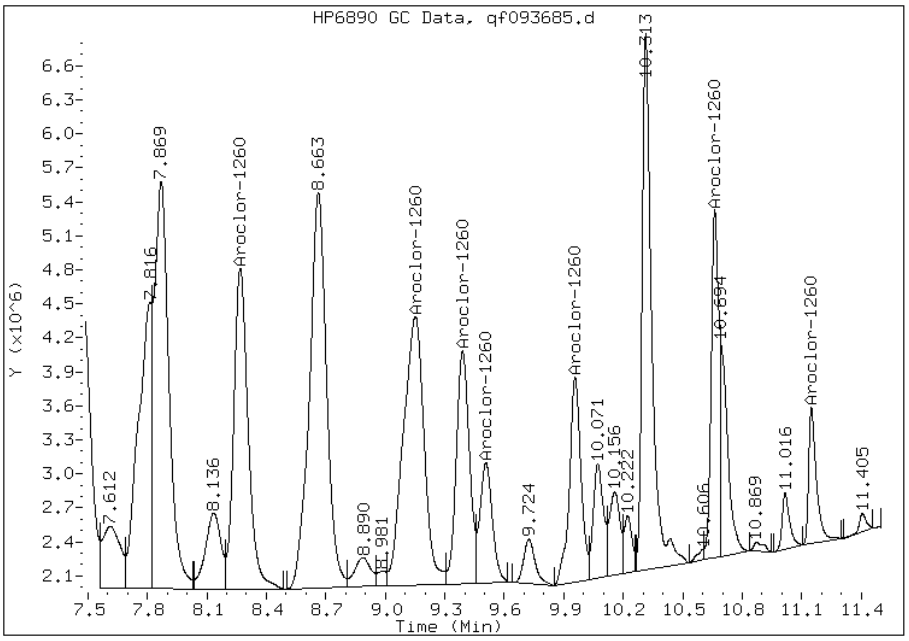
Manual Integration Results

RT: 7.82

Response: 0

Amount: 251.61

Conc: 18000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT Lab Sample ID: 460-52450-21

Matrix: Solid Lab File ID: qr093685.d

Analysis Method: 8082 Date Collected: 03/14/2013 13:50

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 12:26

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1600	U	7200	1600
11104-28-2	Aroclor 1221	1600	U	7200	1600
11141-16-5	Aroclor 1232	1600	U	7200	1600
12672-29-6	Aroclor 1248	1600	U	7200	1600
11097-69-1	Aroclor 1254	2000	U	7200	2000
11096-82-5	Aroclor 1260	18000		7200	2000
37324-23-5	Aroclor 1262	2000	U	7200	2000
11100-14-4	Aroclor 1268	2000	U	7200	2000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

Data File: qr093685.d
Report Date: 19-Mar-2013 14:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093685.d
Lab Smp Id: 460-52450-F-21-A Client Smp ID: PMP-7-NE-WT
Inj Date : 19-MAR-2013 12:26
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-21-A
Misc Info : 460-52450-F-21-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 18
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.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	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	6.60377	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.963	1.977	-0.014	46403758	1929.66	140000	80.00- 120.00	100.00(MH)
2.395	2.407	-0.012	77711583	2066.25	150000	125.12- 187.68	167.47
2.638	2.651	-0.013	52118023	2016.36	140000	85.99- 128.98	112.31
2.982	2.994	-0.012	156897921	2099.88	150000	248.56- 372.85	338.11
3.166	3.178	-0.012	72411480	2167.46	150000	111.14- 166.71	156.05
3.484	3.499	-0.015	67523255	1819.34	130000	123.47- 185.20	145.51
3.849	3.861	-0.012	75263129	2180.35	160000	114.83- 172.25	162.19
4.931	4.941	-0.010	51647024	2456.61	180000	69.94- 104.91	111.30
Average of Peak Concentrations =					150000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.879	5.887	-0.008	14328852	266.388	19000	80.00- 120.00	100.00(M)

Data File: qr093685.d
Report Date: 19-Mar-2013 14:16

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.328	6.337	-0.009	24658892	256.063	18000	145.55- 218.32	172.09
6.764	6.773	-0.009	23601760	258.578	18000	140.64- 210.95	164.71
6.959	6.970	-0.011	13298933	285.192	20000	73.78- 110.68	92.81
7.378	7.387	-0.009	12504968	257.747	18000	75.71- 113.56	87.27
8.607	8.621	-0.014	13571347	219.313	16000	96.73- 145.09	94.71
8.821	8.833	-0.012	8559646	246.932	18000	53.49- 80.23	59.74
9.976	9.984	-0.008	7642789	251.553	18000	47.38- 71.07	53.34
			Average of Peak Concentrations =		18000		

QC Flag Legend

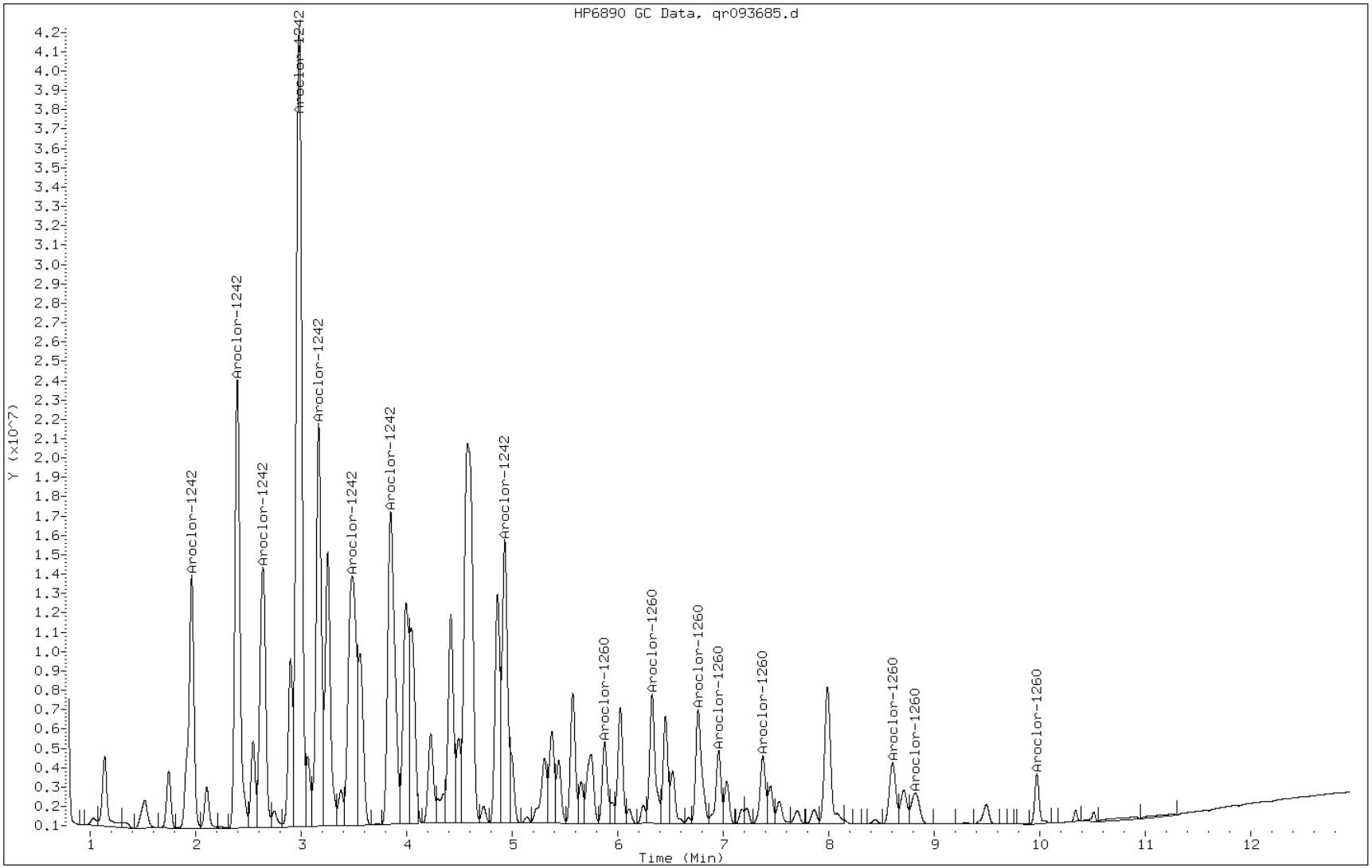
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr093685.d

Date: 19-MAR-2013 12:26

Client ID: PMP-7-NE-WT Instrument: PESTGC8.i

Sample Info: 460-52450-F-21-A Operator:



Manual Integration Report

Data File: qr093685.d
Inj. Date and Time: 19-MAR-2013 12:26
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

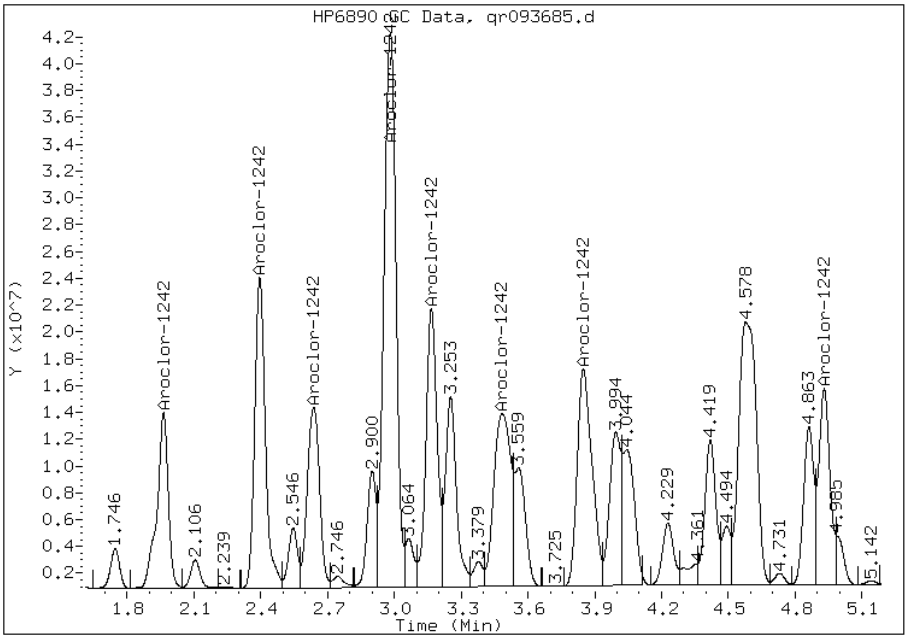
Manual Integration Results

RT: 1.96

Response: 46403758

Amount: 2091.99

Conc: 150000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qr093685.d
Inj. Date and Time: 19-MAR-2013 12:26
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

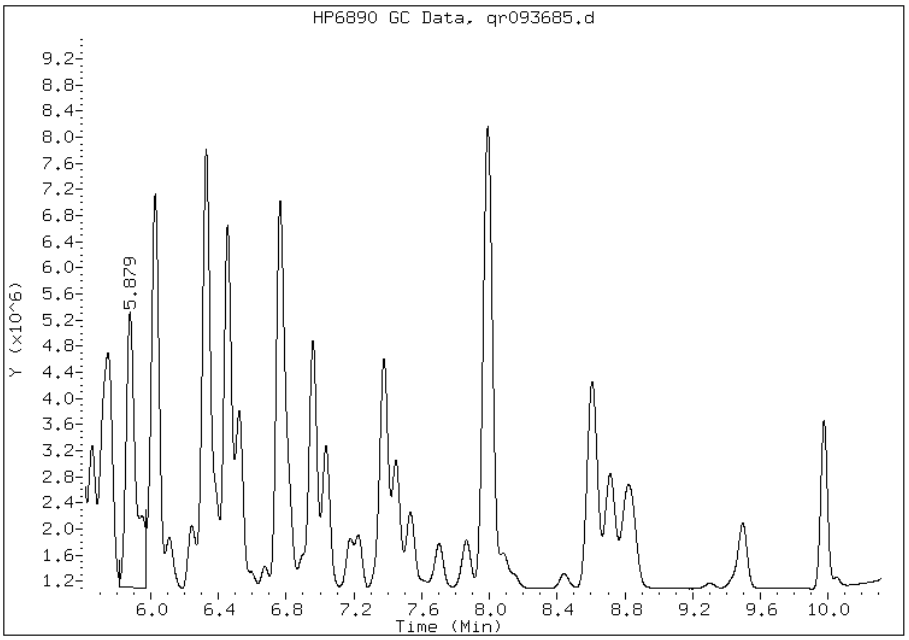
Processing Integration Results

RT: 5.88

Response: 17084854

Amount: 261.63

Conc: 19000.00



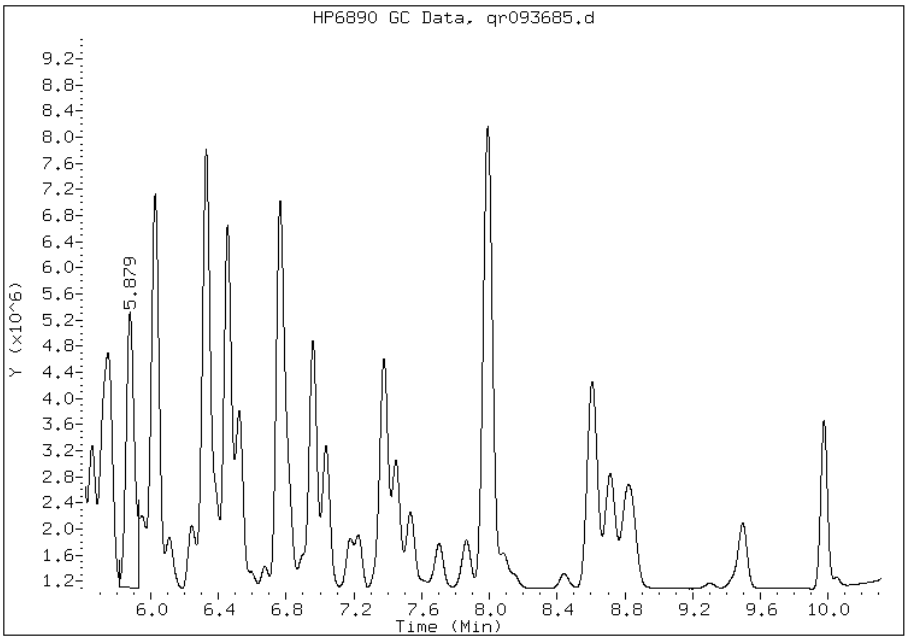
Manual Integration Results

RT: 5.88

Response: 14328852

Amount: 255.22

Conc: 18000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI Lab Sample ID: 460-52450-22

Matrix: Solid Lab File ID: qf093686.d

Analysis Method: 8082 Date Collected: 03/14/2013 13:55

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.05(g) Date Analyzed: 03/19/2013 12:44

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	79000		4000	890

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093686.d
Lab Smp Id: 460-52450-F-22-A Client Smp ID: PMP-7-NE-SI
Inj Date : 19-MAR-2013 12:44
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-22-A
Misc Info : 460-52450-F-22-A
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 19
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.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	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	16.40625	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.965	2.966	-0.001	28364672	1855.15	74000	80.00- 120.00	100.00(M)
3.662	3.661	0.001	54908738	1970.77	78000	0.00- 0.00	193.58
4.108	4.108	0.000	23888299	2085.32	83000	0.00- 0.00	84.22
4.501	4.499	0.002	105405783	1944.31	77000	0.00- 0.00	371.61
4.749	4.746	0.003	45030009	1994.13	79000	0.00- 0.00	158.75
5.115	5.111	0.004	20084377	1924.20	76000	42.38- 63.56	70.81
5.788	5.785	0.003	40141587	2166.28	86000	19.58- 29.37	141.52
6.298	6.296	0.002	46104773	2039.52	81000	0.00- 0.00	162.54
Average of Peak Concentrations =					79000		
27 Aroclor-1260					CAS #: 11096-82-5		
7.816	7.818	-0.002	0			0.00- 0.00	0.00(MH)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.272	8.276	-0.004	12774485	231.023	9200	0.00- 0.00	116.52
9.157	9.161	-0.004	15481197	219.193	8700	0.00- 0.00	141.21
9.395	9.399	-0.004	8520170	231.149	9200	0.00- 0.00	77.71
9.511	9.516	-0.005	4190493	212.529	8400	0.00- 0.00	38.22
9.960	9.963	-0.003	6133431	209.434	8300	0.00- 0.00	55.94
10.661	10.663	-0.002	7316232	229.087	9100	0.00- 0.00	66.73
11.146	11.149	-0.003	2860099	214.898	8500	0.00- 0.00	26.09
		Average of Peak Concentrations =			8800		

QC Flag Legend

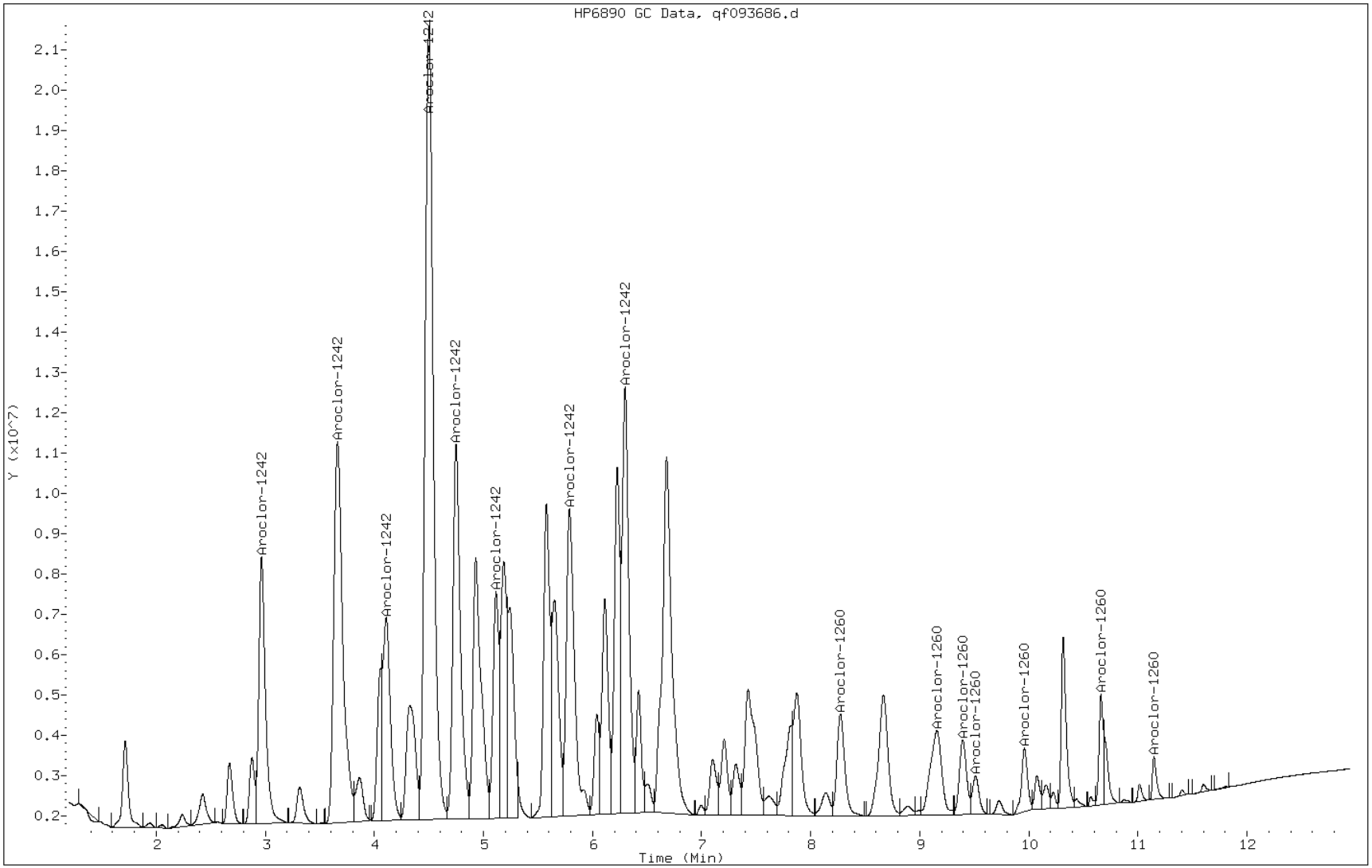
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qf093686.d

Date: 19-MAR-2013 12:44

Client ID: PMP-7-NE-SI Instrument: PESTGC8.i

Sample Info: 460-52450-F-22-A Operator:



Manual Integration Report

Data File: qf093686.d
Inj. Date and Time: 19-MAR-2013 12:44
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.97

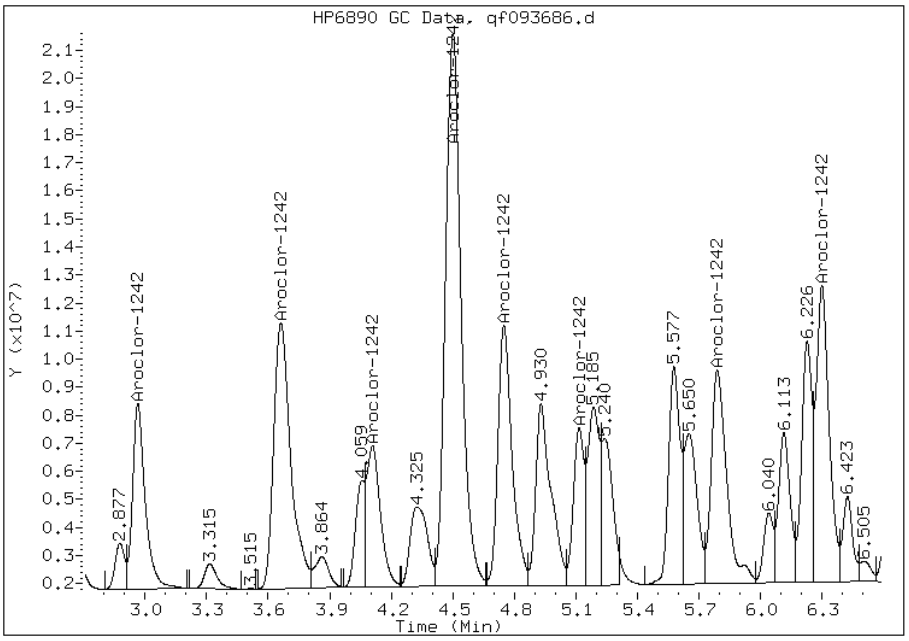
Manual Integration Results

RT: 2.97

Response: 28364672

Amount: 1997.46

Conc: 79000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qf093686.d
Inj. Date and Time: 19-MAR-2013 12:44
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

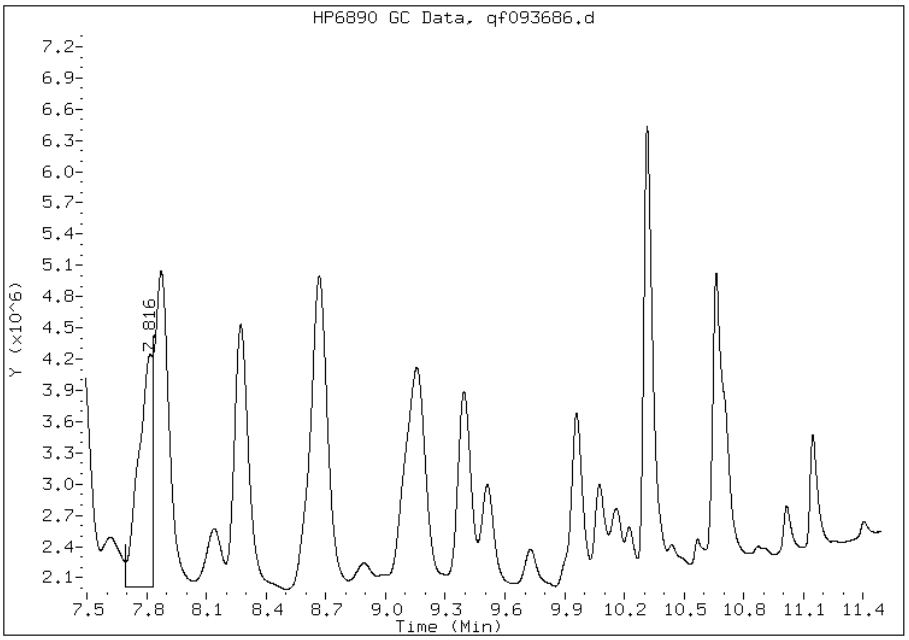
Processing Integration Results

RT: 7.82

Response: 10963400

Amount: 225.85

Conc: 9000.00



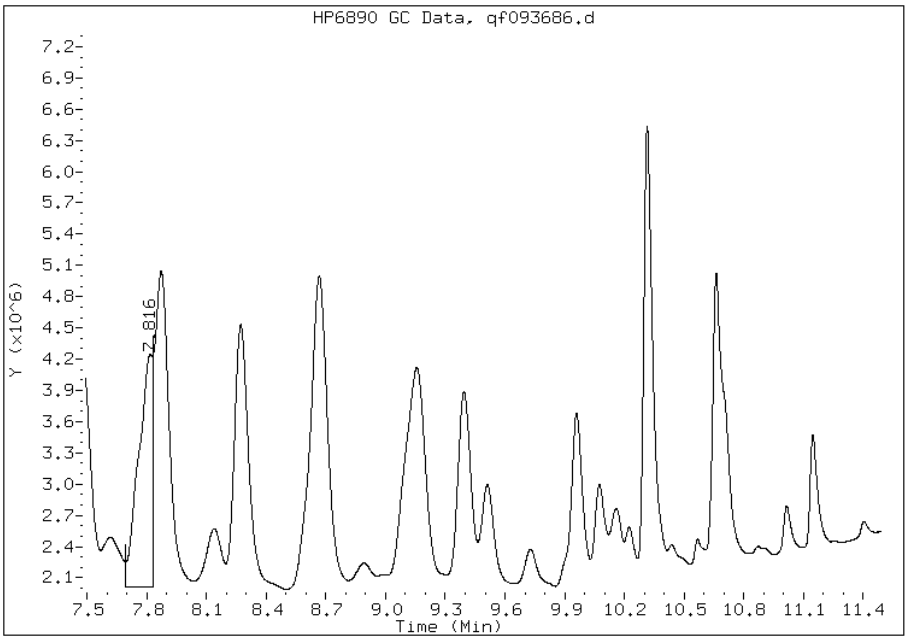
Manual Integration Results

RT: 7.82

Response: 0

Amount: 221.04

Conc: 8800.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI Lab Sample ID: 460-52450-22

Matrix: Solid Lab File ID: qr093686.d

Analysis Method: 8082 Date Collected: 03/14/2013 13:55

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.05(g) Date Analyzed: 03/19/2013 12:44

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	890	U	4000	890
11104-28-2	Aroclor 1221	890	U	4000	890
11141-16-5	Aroclor 1232	890	U	4000	890
12672-29-6	Aroclor 1248	890	U	4000	890
11097-69-1	Aroclor 1254	1100	U	4000	1100
11096-82-5	Aroclor 1260	9100		4000	1100
37324-23-5	Aroclor 1262	1100	U	4000	1100
11100-14-4	Aroclor 1268	1100	U	4000	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

Data File: qr093686.d
Report Date: 19-Mar-2013 14:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093686.d
Lab Smp Id: 460-52450-F-22-A Client Smp ID: PMP-7-NE-SI
Inj Date : 19-MAR-2013 12:44
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-22-A
Misc Info : 460-52450-F-22-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 19
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.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	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	16.40625	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.963	1.977	-0.014	41194244	1713.03	68000	80.00- 120.00	100.00(M)
2.395	2.407	-0.012	68182302	1812.88	72000	125.12- 187.68	165.51
2.638	2.651	-0.013	45401279	1756.50	70000	85.99- 128.98	110.21
2.982	2.994	-0.012	137438660	1839.45	73000	248.56- 372.85	333.64
3.166	3.178	-0.012	63812941	1910.08	76000	111.14- 166.71	154.91
3.488	3.499	-0.011	59025031	1590.37	63000	123.47- 185.20	143.28
3.850	3.861	-0.011	65449119	1896.04	75000	114.83- 172.25	158.88
4.933	4.941	-0.008	44320688	2108.13	84000	69.94- 104.91	107.59
Average of Peak Concentrations =					73000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.880	5.887	-0.007	12843280	238.770	9500	80.00- 120.00	100.00(M)

Data File: qr093686.d
Report Date: 19-Mar-2013 14:16

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.330	6.337	-0.007	22213459	230.669	9200	145.55- 218.32	172.96
6.766	6.773	-0.007	21197019	232.232	9200	140.64- 210.95	165.04
6.961	6.970	-0.009	11852741	254.178	10000	73.78- 110.68	92.29
7.380	7.387	-0.007	11388720	234.739	9300	75.71- 113.56	88.67
8.612	8.621	-0.009	12386846	200.171	8000	96.73- 145.09	96.45
8.826	8.833	-0.007	7779607	224.429	8900	53.49- 80.23	60.57
9.979	9.984	-0.005	6552246	215.659	8600	47.38- 71.07	51.02
		Average of Peak Concentrations =			9100		

QC Flag Legend

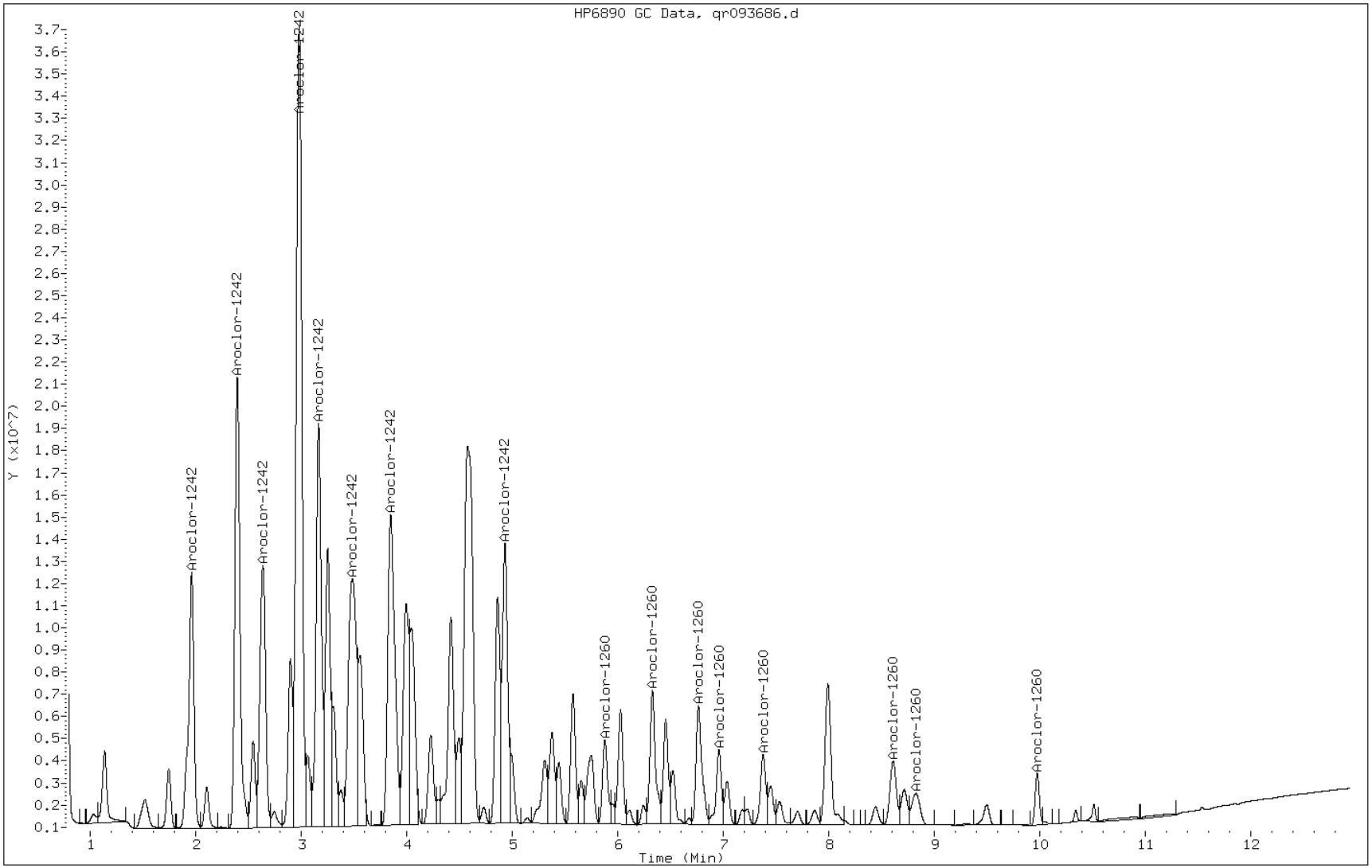
M - Compound response manually integrated.

Data File: qr093686.d

Date: 19-MAR-2013 12:44

Client ID: PMP-7-NE-SI Instrument: PESTGC8.i

Sample Info: 460-52450-F-22-A Operator:



Manual Integration Report

Data File: qr093686.d
Inj. Date and Time: 19-MAR-2013 12:44
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

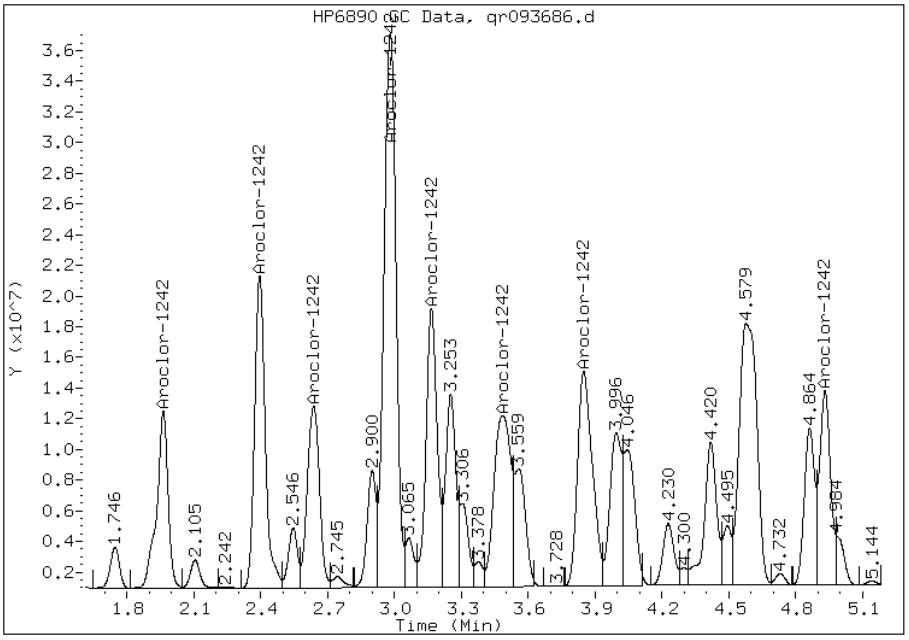
Manual Integration Results

RT: 1.96

Response: 41194244

Amount: 1828.31

Conc: 73000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qr093686.d
Inj. Date and Time: 19-MAR-2013 12:44
Instrument ID: PESTGC8.i
Client ID: PMP-7-NE-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 5.89

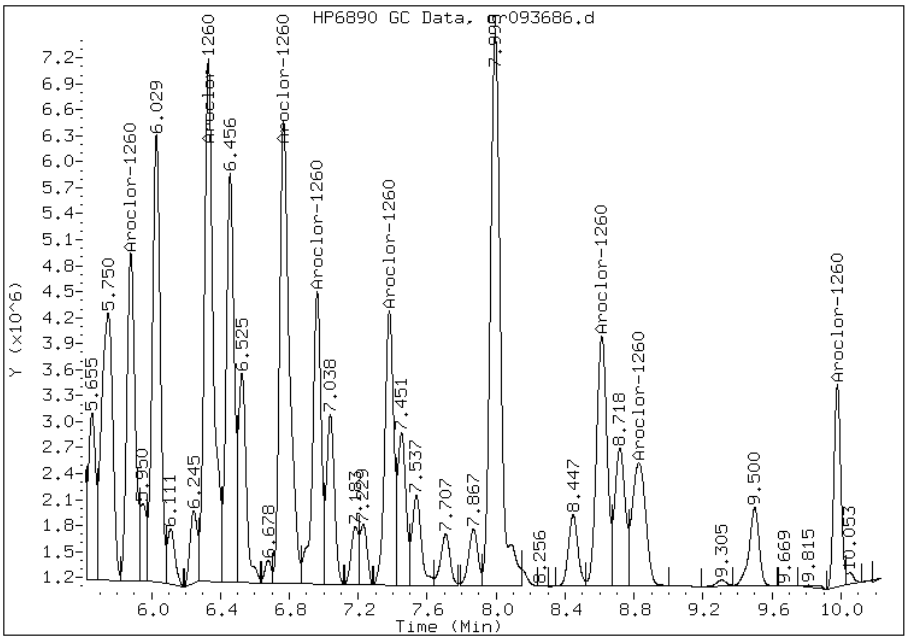
Manual Integration Results

RT: 5.88

Response: 12843280

Amount: 228.86

Conc: 9100.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD Lab Sample ID: 460-52450-23

Matrix: Solid Lab File ID: qf093658.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:25

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.02(g) Date Analyzed: 03/19/2013 02:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		45-138

Data File: qf093658.d
Report Date: 19-Mar-2013 11:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093658.d
Lab Smp Id: 460-52450-F-23-A Client Smp ID: PMP-10-NE-VD
Inj Date : 19-MAR-2013 02:40
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-23-A
Misc Info : 460-52450-F-23-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.02000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.966	2.966	0.000	3272320	214.021	140	80.00- 120.00	100.00(MH)
3.662	3.661	0.001	5153868	184.981	120	0.00- 0.00	157.50
4.108	4.108	0.000	2435953	212.645	140	0.00- 0.00	74.44
4.503	4.499	0.004	11844225	218.478	140	0.00- 0.00	361.95
4.750	4.746	0.004	4642413	205.587	140	0.00- 0.00	141.87
5.116	5.111	0.005	1738597	166.568	110	42.38- 63.56	53.13
5.787	5.785	0.002	2955263	159.484	110	19.58- 29.37	90.31
6.298	6.296	0.002	4009046	177.346	120	0.00- 0.00	122.51
Average of Peak Concentrations =					130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.598	11.602	-0.004	21393650	43.3818	29	80.00- 120.00	100.00

Data File: qf093658.d
Report Date: 19-Mar-2013 11:38

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qf093658.d

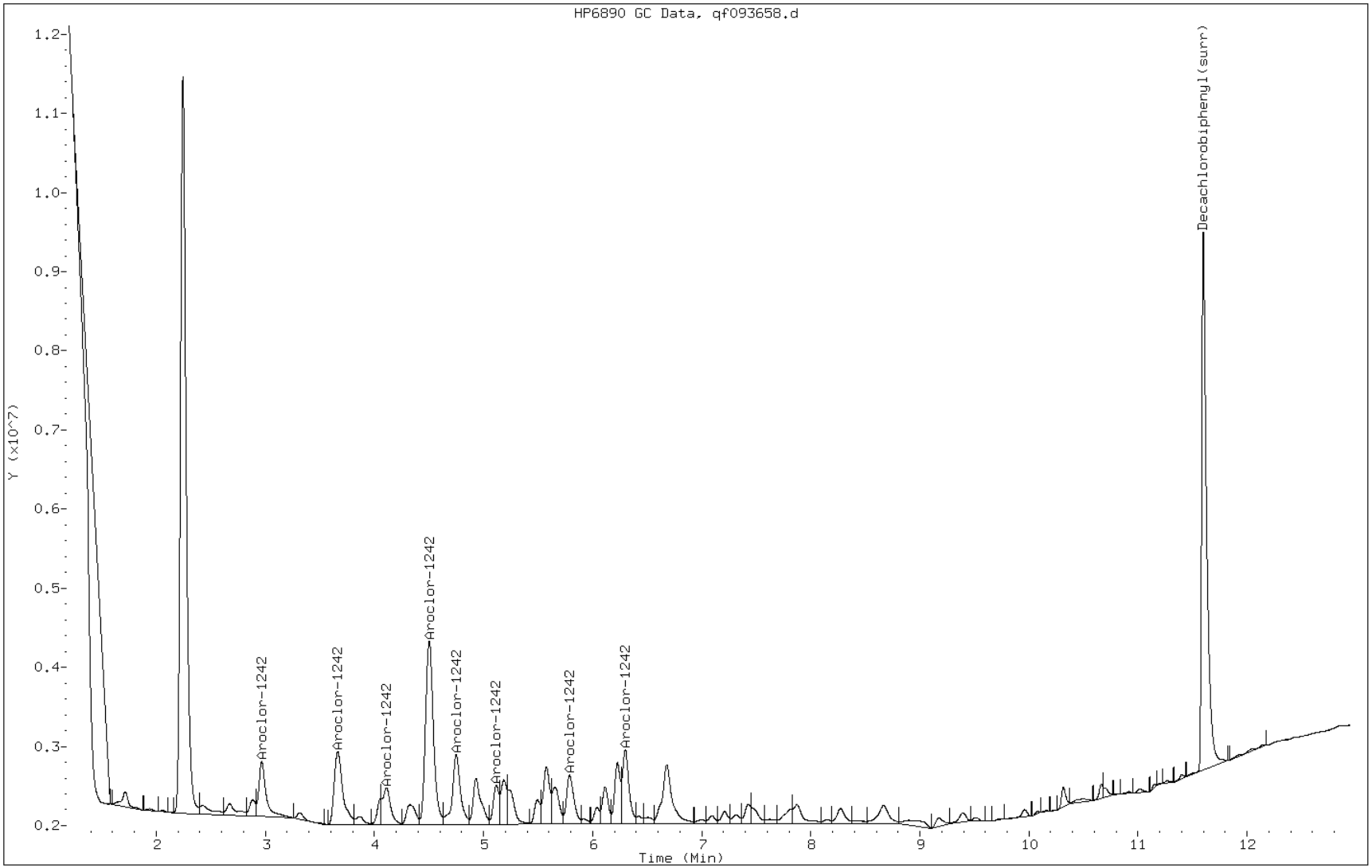
Date: 19-MAR-2013 02:40

Client ID: PMP-10-NE-VD

Instrument: PESTGC8.i

Sample Info: 460-52450-F-23-A

Operator:



Manual Integration Report

Data File: qf093658.d
Inj. Date and Time: 19-MAR-2013 02:40
Instrument ID: PESTGC8.i
Client ID: PMP-10-NE-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.97

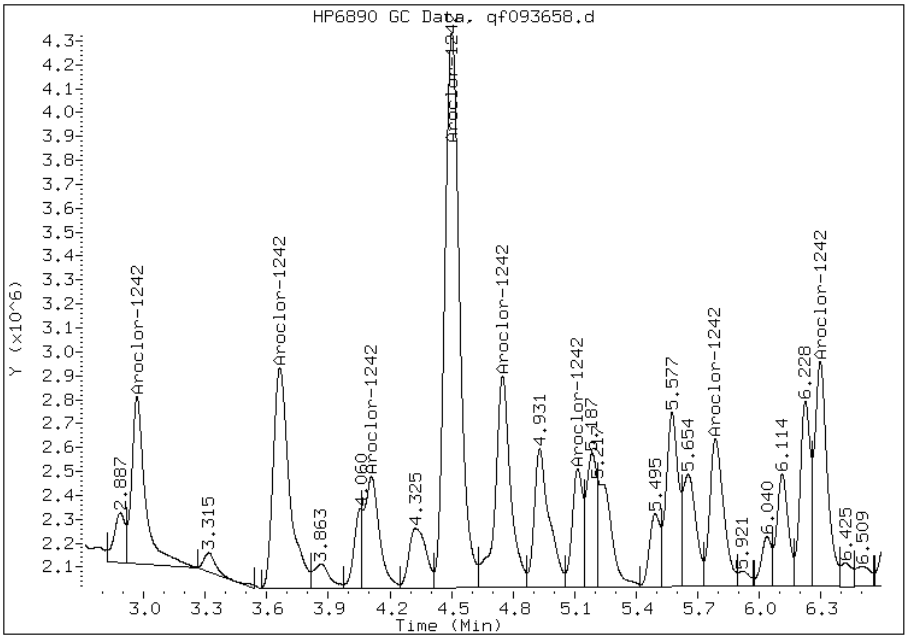
Manual Integration Results

RT: 2.97

Response: 3272320

Amount: 192.39

Conc: 130.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD Lab Sample ID: 460-52450-23

Matrix: Solid Lab File ID: qr093658.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:25

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.02(g) Date Analyzed: 03/19/2013 02:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	72	16
11104-28-2	Aroclor 1221	16	U	72	16
11141-16-5	Aroclor 1232	16	U	72	16
53469-21-9	Aroclor 1242	140		72	16
12672-29-6	Aroclor 1248	16	U	72	16
11097-69-1	Aroclor 1254	21	U	72	21
11096-82-5	Aroclor 1260	21	U	72	21
37324-23-5	Aroclor 1262	21	U	72	21
11100-14-4	Aroclor 1268	21	U	72	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093658.d
Lab Smp Id: 460-52450-F-23-A Client Smp ID: PMP-10-NE-VD
Inj Date : 19-MAR-2013 02:40
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-23-A
Misc Info : 460-52450-F-23-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.02000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.964	1.977	-0.013	4901600	203.829	140	80.00- 120.00	100.00(MH)
2.397	2.407	-0.010	7807807	207.600	140	125.12- 187.68	159.29
2.640	2.651	-0.011	4974069	192.438	130	85.99- 128.98	101.48
2.983	2.994	-0.011	18166279	243.133	160	248.56- 372.85	370.62
3.168	3.178	-0.010	6740532	201.761	130	111.14- 166.71	137.52
3.485	3.499	-0.014	6109176	164.605	110	123.47- 185.20	124.64
3.851	3.861	-0.010	6556692	189.945	130	114.83- 172.25	133.77
4.935	4.941	-0.006	4303587	204.702	140	69.94- 104.91	87.80
Average of Peak Concentrations =					130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.518	10.520	-0.002	33153490	43.9346	29	80.00- 120.00	100.00

QC Flag Legend

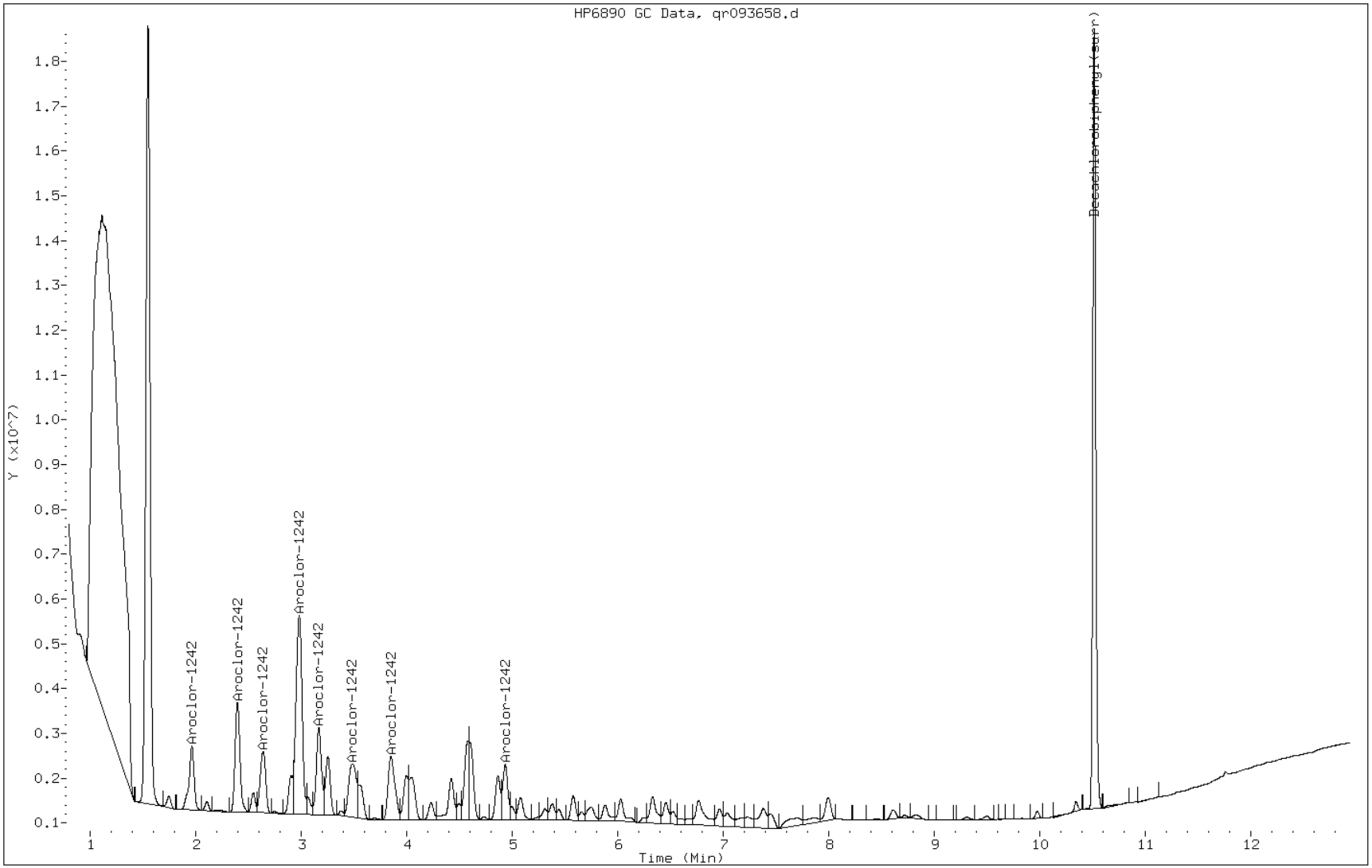
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr093658.d

Date: 19-MAR-2013 02:40

Client ID: PMP-10-NE-VD Instrument: PESTGC8.i

Sample Info: 460-52450-F-23-A Operator:



Manual Integration Report

Data File: qr093658.d
Inj. Date and Time: 19-MAR-2013 02:40
Instrument ID: PESTGC8.i
Client ID: PMP-10-NE-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

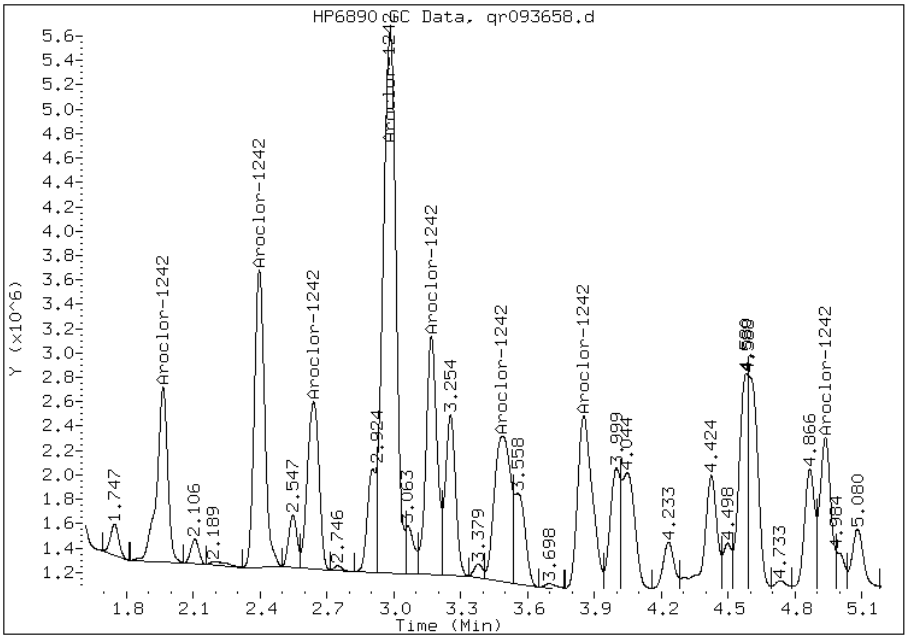
Manual Integration Results

RT: 1.96

Response: 4901600

Amount: 201.00

Conc: 130.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT Lab Sample ID: 460-52450-24

Matrix: Solid Lab File ID: qf093659.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:30

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.03(g) Date Analyzed: 03/19/2013 02:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		45-138

Data File: qf093659.d
Report Date: 19-Mar-2013 11:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093659.d
Lab Smp Id: 460-52450-F-24-A Client Smp ID: PMP-10-NE-WT
Inj Date : 19-MAR-2013 02:57
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-24-A
Misc Info : 460-52450-F-24-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.03000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.970	2.966	0.004	2816301	184.196	120	80.00- 120.00	100.00(M)
3.666	3.661	0.005	4755641	170.688	110	0.00- 0.00	168.86
4.113	4.108	0.005	1934898	168.906	110	0.00- 0.00	68.70
4.504	4.499	0.005	11254058	207.592	140	0.00- 0.00	399.60
4.751	4.746	0.005	4395625	194.658	130	0.00- 0.00	156.08
5.118	5.111	0.007	1692519	162.153	110	42.38- 63.56	60.10
5.791	5.785	0.006	2838153	153.164	100	19.58- 29.37	100.78
6.302	6.296	0.006	3866282	171.031	110	0.00- 0.00	137.28
Average of Peak Concentrations =					120		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.597	11.602	-0.005	20939156	42.4602	28	80.00- 120.00	100.00

Data File: qf093659.d
Report Date: 19-Mar-2013 11:38

QC Flag Legend

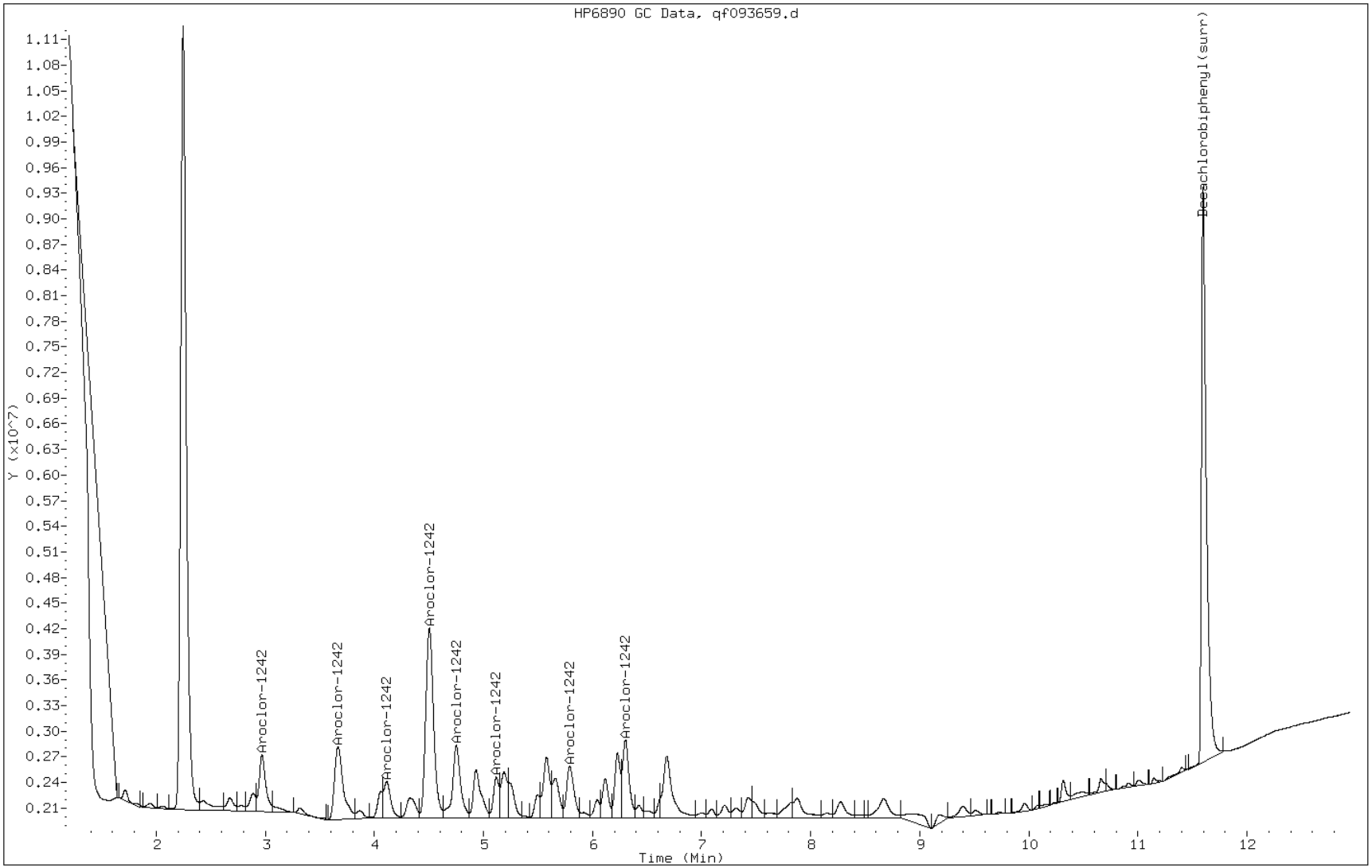
M - Compound response manually integrated.

Data File: qf093659.d

Date: 19-MAR-2013 02:57

Client ID: PMP-10-NE-WT Instrument: PESTGC8.i

Sample Info: 460-52450-F-24-A Operator:



Manual Integration Report

Data File: qf093659.d
Inj. Date and Time: 19-MAR-2013 02:57
Instrument ID: PESTGC8.i
Client ID: PMP-10-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

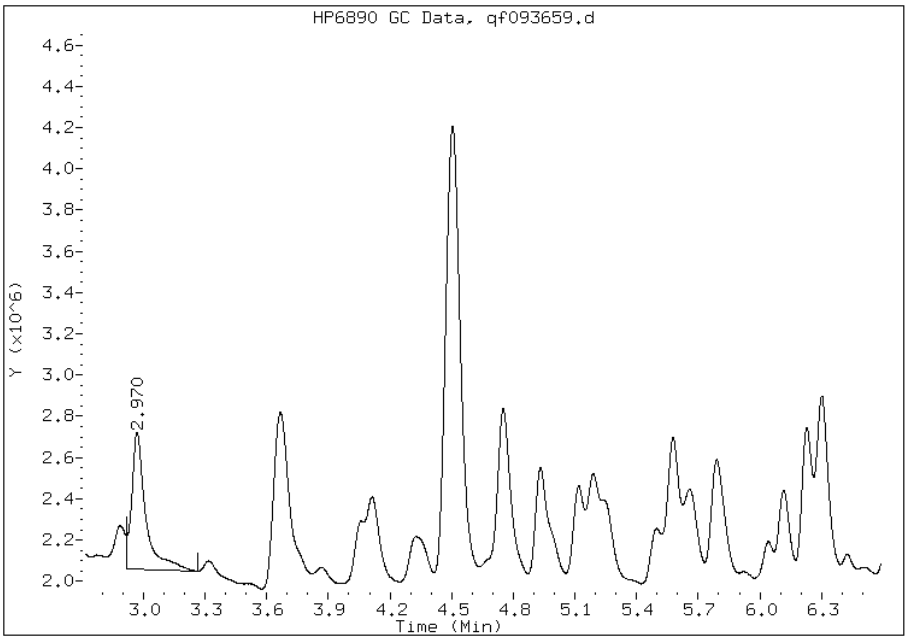
Processing Integration Results

RT: 2.97

Response: 3186069

Amount: 179.57

Conc: 120.00



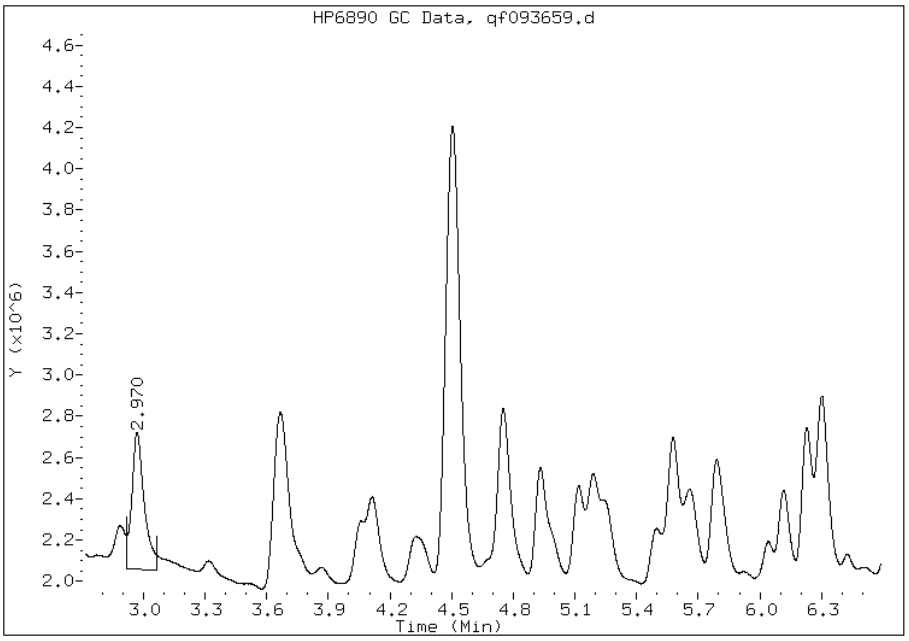
Manual Integration Results

RT: 2.97

Response: 2816301

Amount: 176.55

Conc: 120.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT | Lab Sample ID: 460-52450-24

Matrix: Solid | Lab File ID: qr093659.d

Analysis Method: 8082 | Date Collected: 03/14/2013 14:30

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 02:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	76	17
11104-28-2	Aroclor 1221	17	U	76	17
11141-16-5	Aroclor 1232	17	U	76	17
53469-21-9	Aroclor 1242	150		76	17
12672-29-6	Aroclor 1248	17	U	76	17
11097-69-1	Aroclor 1254	22	U	76	22
11096-82-5	Aroclor 1260	22	U	76	22
37324-23-5	Aroclor 1262	22	U	76	22
11100-14-4	Aroclor 1268	22	U	76	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093659.d
Lab Smp Id: 460-52450-F-24-A Client Smp ID: PMP-10-NE-WT
Inj Date : 19-MAR-2013 02:57
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-24-A
Misc Info : 460-52450-F-24-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.03000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.967	1.977	-0.010	4675894	194.443	130	80.00- 120.00	100.00(MH)
2.399	2.407	-0.008	7381009	196.252	130	125.12- 187.68	157.85
2.642	2.651	-0.009	4817596	186.385	120	85.99- 128.98	103.03
2.986	2.994	-0.008	17592126	235.449	160	248.56- 372.85	376.23
3.171	3.178	-0.007	6458877	193.330	130	111.14- 166.71	138.13
3.488	3.499	-0.011	5547270	149.465	99	123.47- 185.20	118.64
3.854	3.861	-0.007	6309901	182.796	120	114.83- 172.25	134.95
4.936	4.941	-0.005	4305205	204.779	140	69.94- 104.91	92.07
Average of Peak Concentrations =					130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.518	10.520	-0.002	33269908	44.0888	29	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr093659.d

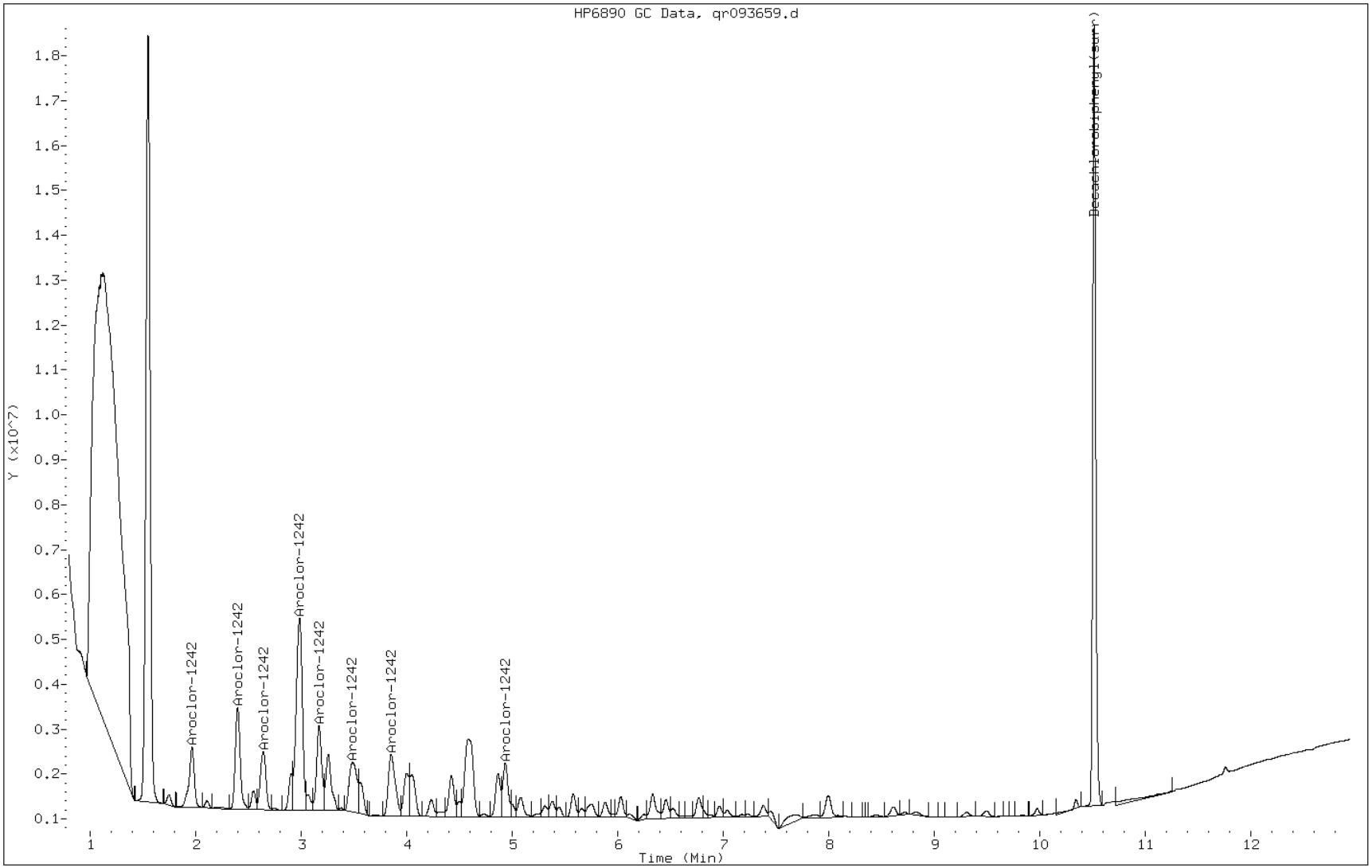
Date: 19-MAR-2013 02:57

Client ID: PMP-10-NE-WT

Instrument: PESTGC8.i

Sample Info: 460-52450-F-24-A

Operator:



Manual Integration Report

Data File: qr093659.d
Inj. Date and Time: 19-MAR-2013 02:57
Instrument ID: PESTGC8.i
Client ID: PMP-10-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

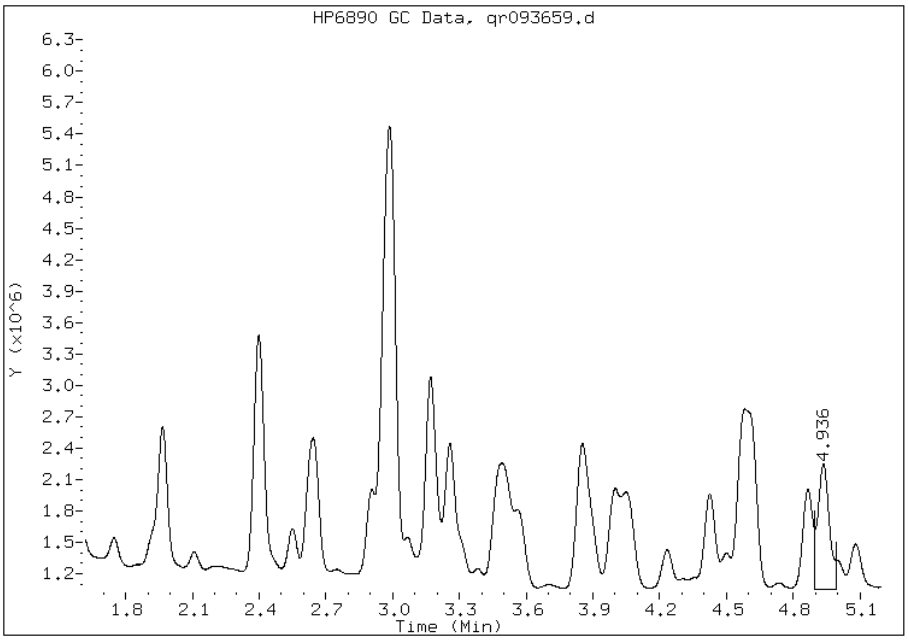
Processing Integration Results

RT: 4.94

Response: 4287439

Amount: 192.76

Conc: 130.00



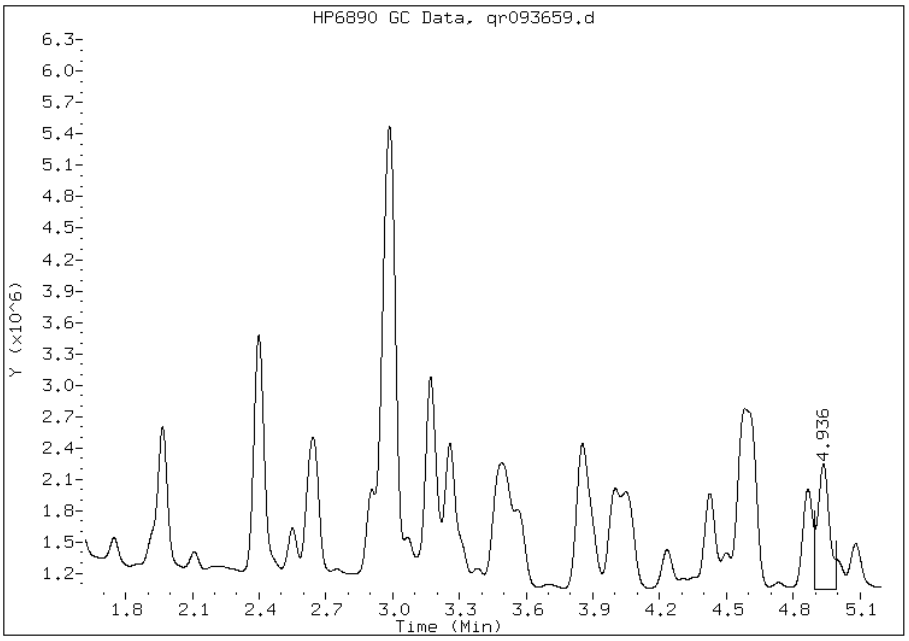
Manual Integration Results

RT: 4.94

Response: 4305205

Amount: 192.86

Conc: 130.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI Lab Sample ID: 460-52450-25

Matrix: Solid Lab File ID: qf093660.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:35

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 03:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		45-138

Data File: qf093660.d
Report Date: 19-Mar-2013 11:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093660.d
Lab Smp Id: 460-52450-F-25-A Client Smp ID: PMP-10-NE-SI
Inj Date : 19-MAR-2013 03:14
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-25-A
Misc Info : 460-52450-F-25-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.969	2.966	0.003	2210826	144.596	96	80.00- 120.00	100.00(MH)
3.667	3.661	0.006	3144806	112.873	75	0.00- 0.00	142.25
4.115	4.108	0.007	1326978	115.838	77	0.00- 0.00	60.02
4.504	4.499	0.005	8688782	160.273	110	0.00- 0.00	393.01
4.750	4.746	0.004	3215712	142.406	95	0.00- 0.00	145.45
5.120	5.111	0.009	1277838	122.424	81	42.38- 63.56	57.80
5.789	5.785	0.004	2192865	118.340	79	19.58- 29.37	99.19
6.300	6.296	0.004	2898251	128.209	85	0.00- 0.00	131.09
Average of Peak Concentrations =					87		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.595	11.602	-0.007	19805724	40.1618	27	80.00- 120.00	100.00

Data File: qf093660.d
Report Date: 19-Mar-2013 11:39

QC Flag Legend

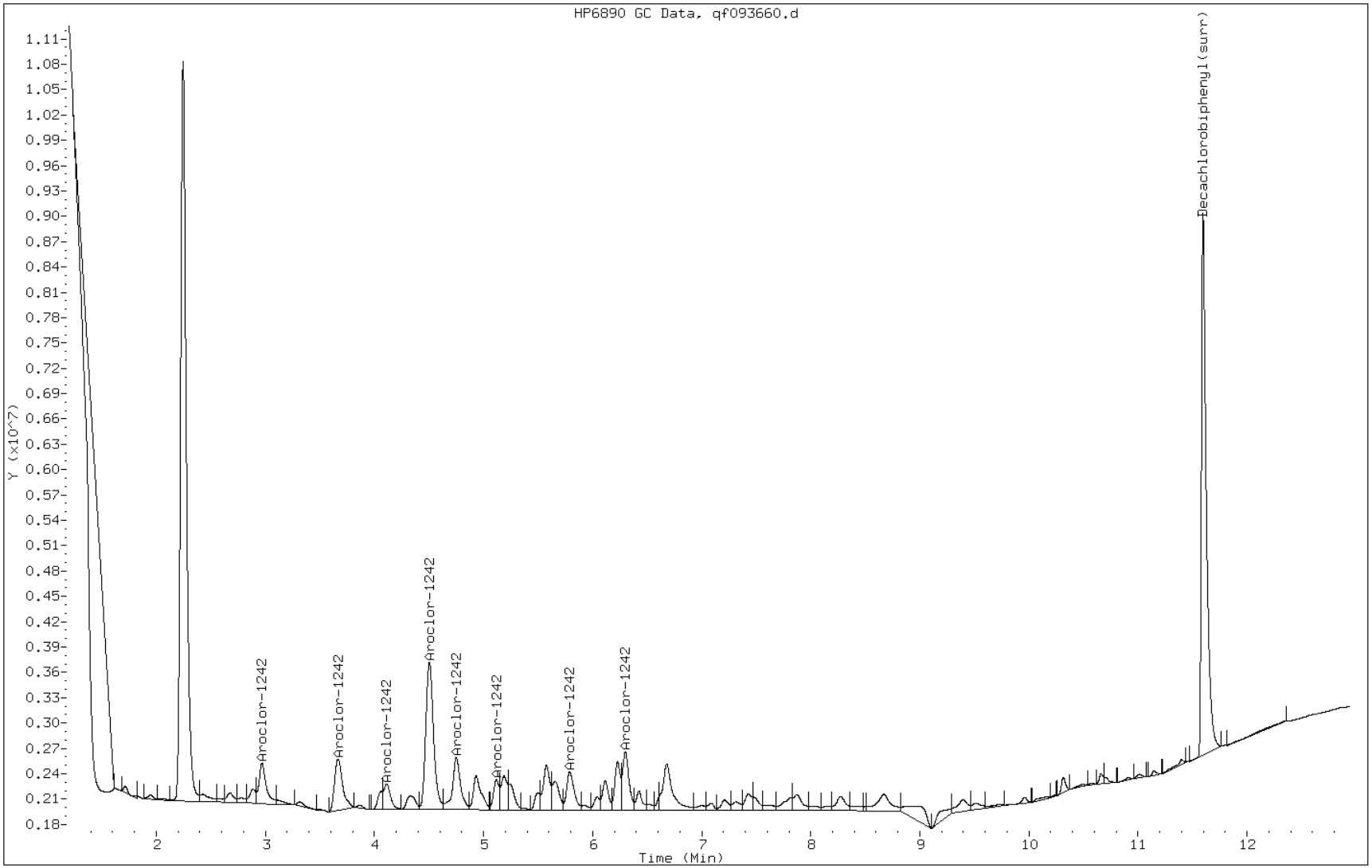
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qf093660.d

Date: 19-MAR-2013 03:14

Client ID: PMP-10-NE-SI Instrument: PESTGC8.i

Sample Info: 460-52450-F-25-A Operator:



Manual Integration Report

Data File: qf093660.d
Inj. Date and Time: 19-MAR-2013 03:14
Instrument ID: PESTGC8.i
Client ID: PMP-10-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

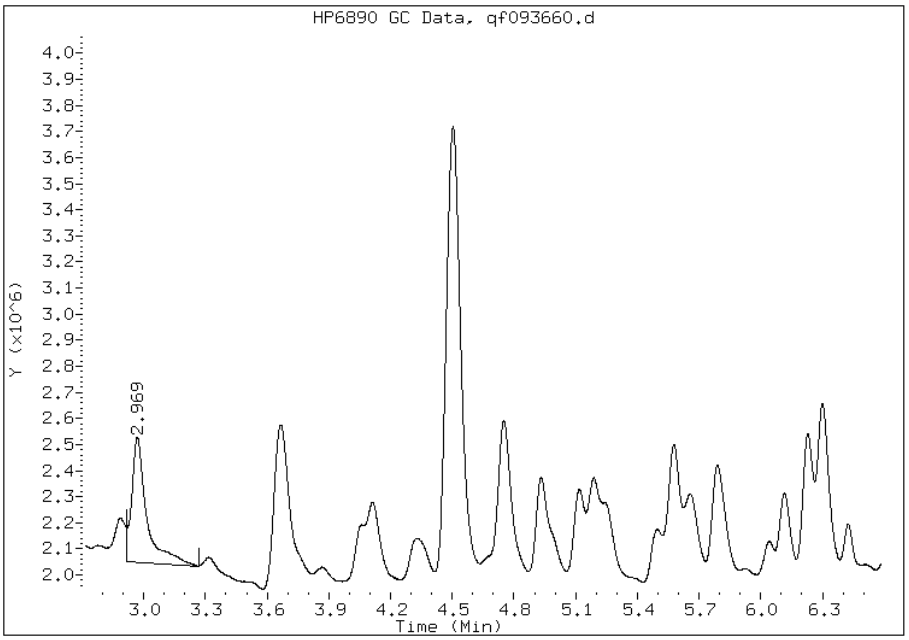
Processing Integration Results

RT: 2.97

Response: 2447855

Amount: 132.56

Conc: 88.00



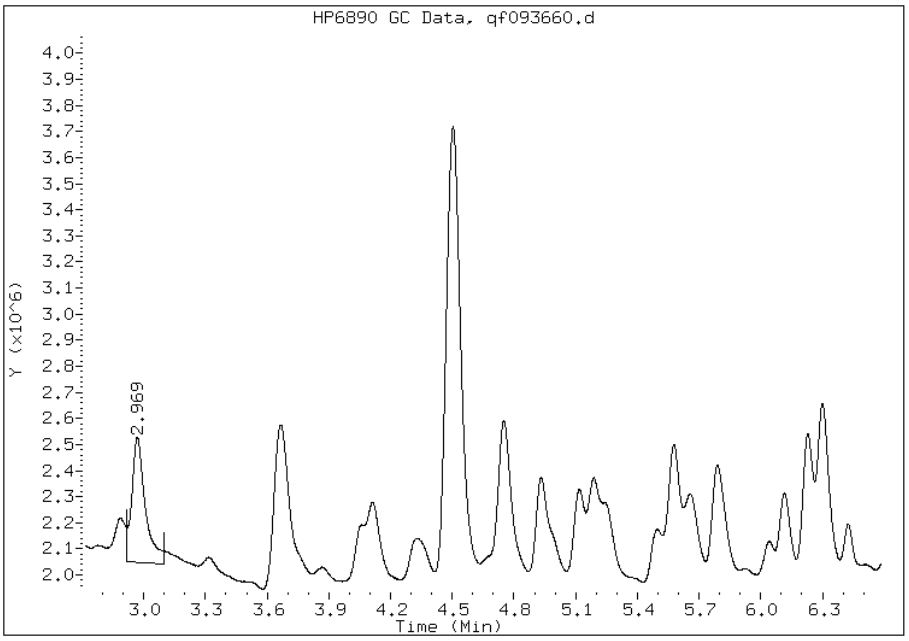
Manual Integration Results

RT: 2.97

Response: 2210826

Amount: 130.62

Conc: 87.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI Lab Sample ID: 460-52450-25

Matrix: Solid Lab File ID: qr093660.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:35

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 03:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	75	17
11104-28-2	Aroclor 1221	17	U	75	17
11141-16-5	Aroclor 1232	17	U	75	17
53469-21-9	Aroclor 1242	110		75	17
12672-29-6	Aroclor 1248	17	U	75	17
11097-69-1	Aroclor 1254	21	U	75	21
11096-82-5	Aroclor 1260	21	U	75	21
37324-23-5	Aroclor 1262	21	U	75	21
11100-14-4	Aroclor 1268	21	U	75	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093660.d
Lab Smp Id: 460-52450-F-25-A Client Smp ID: PMP-10-NE-SI
Inj Date : 19-MAR-2013 03:14
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-25-A
Misc Info : 460-52450-F-25-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.965	1.977	-0.012	3505233	145.762	97	80.00- 120.00	100.00(M)
2.399	2.407	-0.008	5477481	145.639	97	125.12- 187.68	156.27
2.642	2.651	-0.009	3442088	133.168	88	85.99- 128.98	98.20
2.985	2.994	-0.009	14141376	189.265	120	248.56- 372.85	403.44
3.170	3.178	-0.008	4900287	146.678	98	111.14- 166.71	139.80
3.493	3.499	-0.006	4333976	116.774	78	123.47- 185.20	123.64
3.854	3.861	-0.007	4824513	139.765	93	114.83- 172.25	137.64
4.937	4.941	-0.004	3195003	151.972	100	69.94- 104.91	91.15
Average of Peak Concentrations =					97		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.518	10.520	-0.002	32106004	42.5464	28	80.00- 120.00	100.00

QC Flag Legend

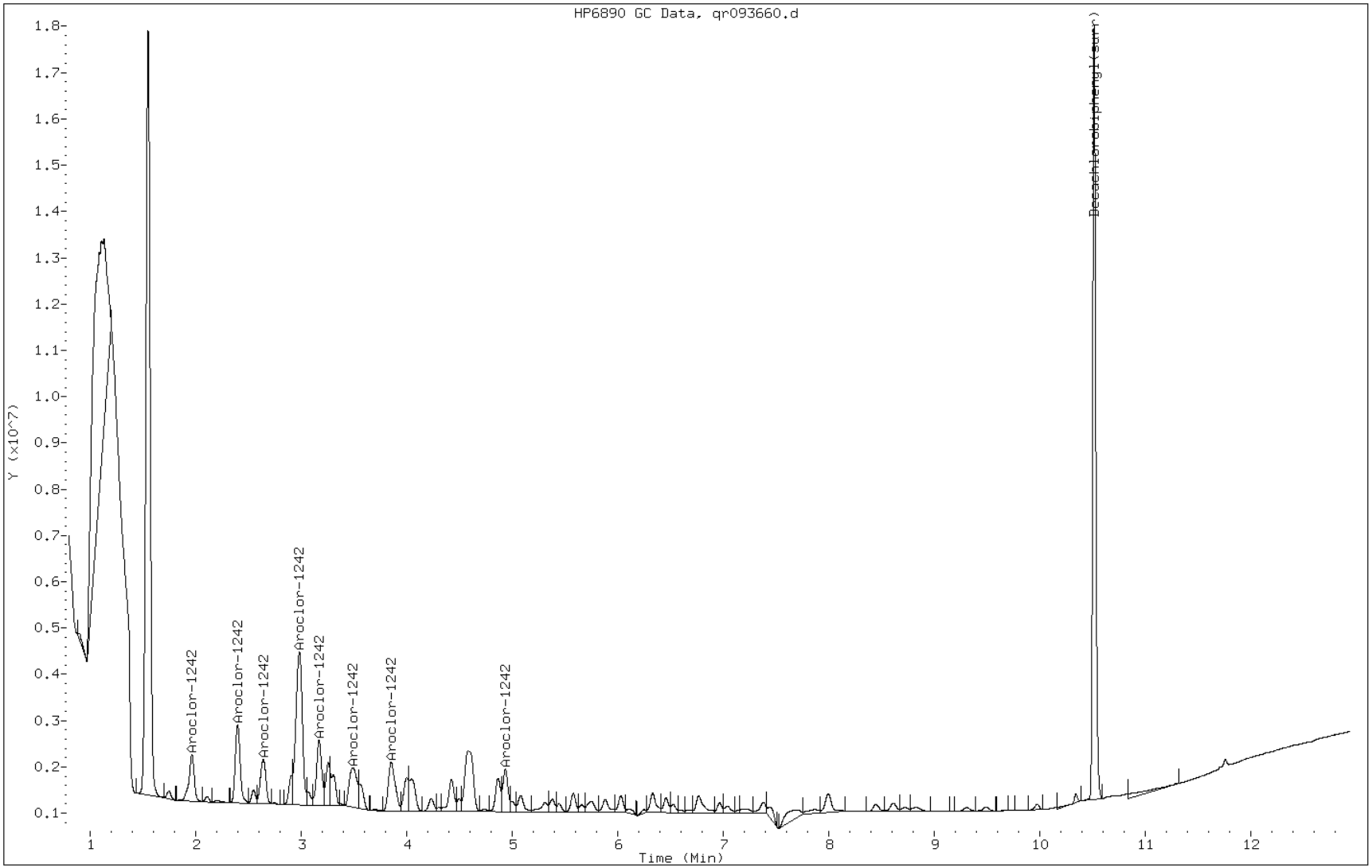
M - Compound response manually integrated.

Data File: qr093660.d

Date: 19-MAR-2013 03:14

Client ID: PMP-10-NE-SI Instrument: PESTGC8.i

Sample Info: 460-52450-F-25-A Operator:



Manual Integration Report

Data File: qr093660.d
Inj. Date and Time: 19-MAR-2013 03:14
Instrument ID: PESTGC8.i
Client ID: PMP-10-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

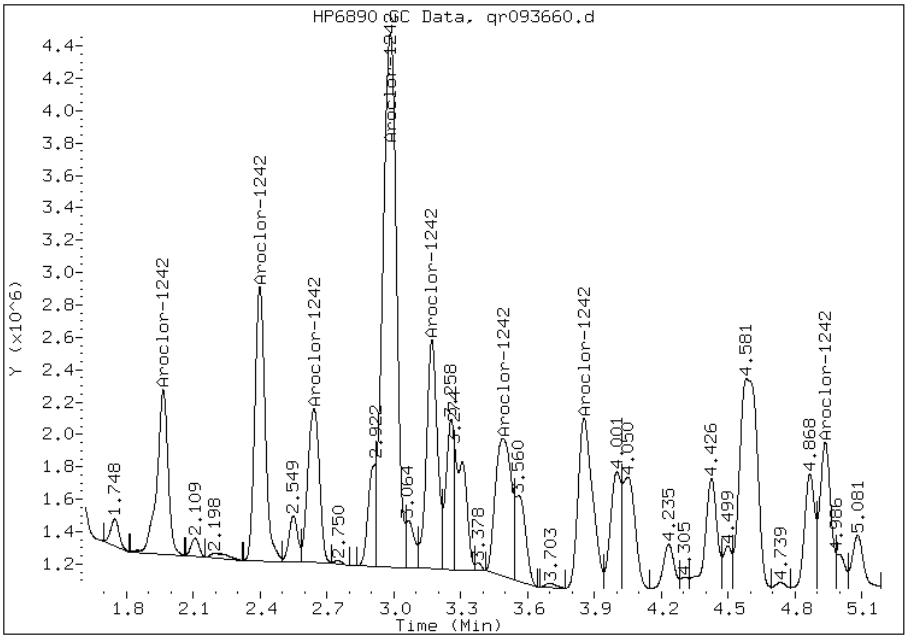
Manual Integration Results

RT: 1.97

Response: 3505233

Amount: 146.13

Conc: 97.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD Lab Sample ID: 460-52450-26

Matrix: Solid Lab File ID: qf093661.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:40

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.05(g) Date Analyzed: 03/19/2013 03:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		45-138

Data File: qf093661.d
Report Date: 19-Mar-2013 11:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093661.d
Lab Smp Id: 460-52450-F-26-A Client Smp ID: PMP-10-NE-SD
Inj Date : 19-MAR-2013 03:31
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-26-A
Misc Info : 460-52450-F-26-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.968	2.966	0.002	1667394	109.054	72	80.00- 120.00	100.00(MH)
3.666	3.661	0.005	2473369	88.7736	59	0.00- 0.00	148.34
4.114	4.108	0.006	1043270	91.0716	60	0.00- 0.00	62.57
4.503	4.499	0.004	6290294	116.030	77	0.00- 0.00	377.25
4.750	4.746	0.004	2268646	100.466	67	0.00- 0.00	136.06
5.118	5.111	0.007	828708	79.3950	53	42.38- 63.56	49.70
5.788	5.785	0.003	1257420	67.8579	45	19.58- 29.37	75.41
6.301	6.296	0.005	1667567	73.7674	49	0.00- 0.00	100.01
Average of Peak Concentrations =					60		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.599	11.602	-0.003	21475896	43.5486	29	80.00- 120.00	100.00

Data File: qf093661.d
Report Date: 19-Mar-2013 11:39

QC Flag Legend

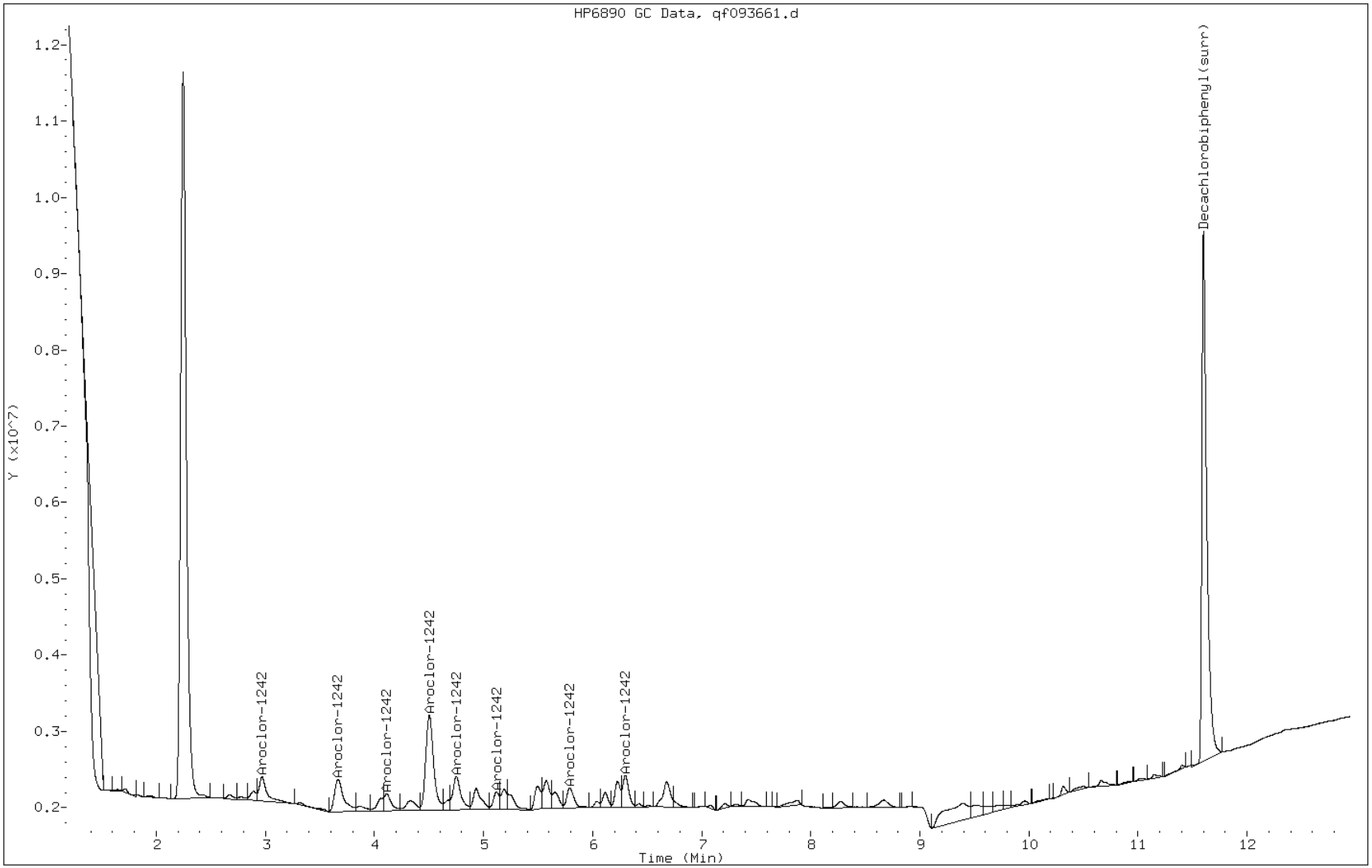
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qf093661.d

Date: 19-MAR-2013 03:31

Client ID: PMP-10-NE-SD Instrument: PESTGC8.i

Sample Info: 460-52450-F-26-A Operator:



Manual Integration Report

Data File: qf093661.d
Inj. Date and Time: 19-MAR-2013 03:31
Instrument ID: PESTGC8.i
Client ID: PMP-10-NE-SD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.97

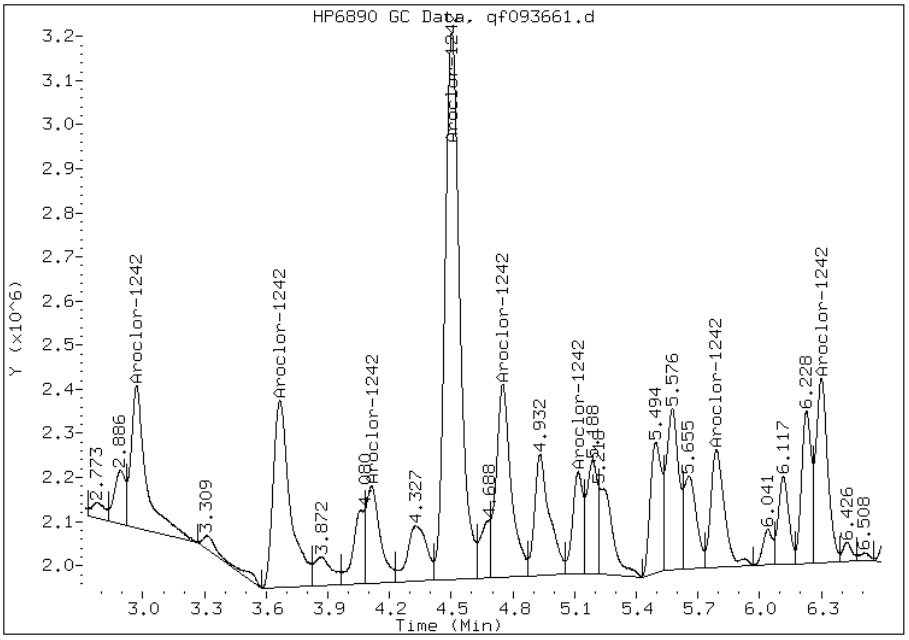
Manual Integration Results

RT: 2.97

Response: 1667394

Amount: 90.80

Conc: 60.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD Lab Sample ID: 460-52450-26

Matrix: Solid Lab File ID: qr093661.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:40

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.05(g) Date Analyzed: 03/19/2013 03:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	77	17
11104-28-2	Aroclor 1221	17	U	77	17
11141-16-5	Aroclor 1232	17	U	77	17
53469-21-9	Aroclor 1242	75	J	77	17
12672-29-6	Aroclor 1248	17	U	77	17
11097-69-1	Aroclor 1254	22	U	77	22
11096-82-5	Aroclor 1260	22	U	77	22
37324-23-5	Aroclor 1262	22	U	77	22
11100-14-4	Aroclor 1268	22	U	77	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093661.d
Lab Smp Id: 460-52450-F-26-A Client Smp ID: PMP-10-NE-SD
Inj Date : 19-MAR-2013 03:31
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-26-A
Misc Info : 460-52450-F-26-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.966	1.977	-0.011	2396327	99.6492	66	80.00- 120.00	100.00(M)
2.398	2.407	-0.009	3682615	97.9160	65	125.12- 187.68	153.68
2.643	2.651	-0.008	2271027	87.8621	58	85.99- 128.98	94.77
2.985	2.994	-0.009	10218338	136.760	91	248.56- 372.85	426.42
3.170	3.178	-0.008	3424457	102.503	68	111.14- 166.71	142.90
3.488	3.499	-0.011	2721349	73.3238	49	123.47- 185.20	113.56
3.854	3.861	-0.007	3093315	89.6123	60	114.83- 172.25	129.09
4.937	4.941	-0.004	2086810	99.2599	66	69.94- 104.91	87.08
Average of Peak Concentrations =					65		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.518	10.520	-0.002	34792352	46.1063	31	80.00- 120.00	100.00

QC Flag Legend

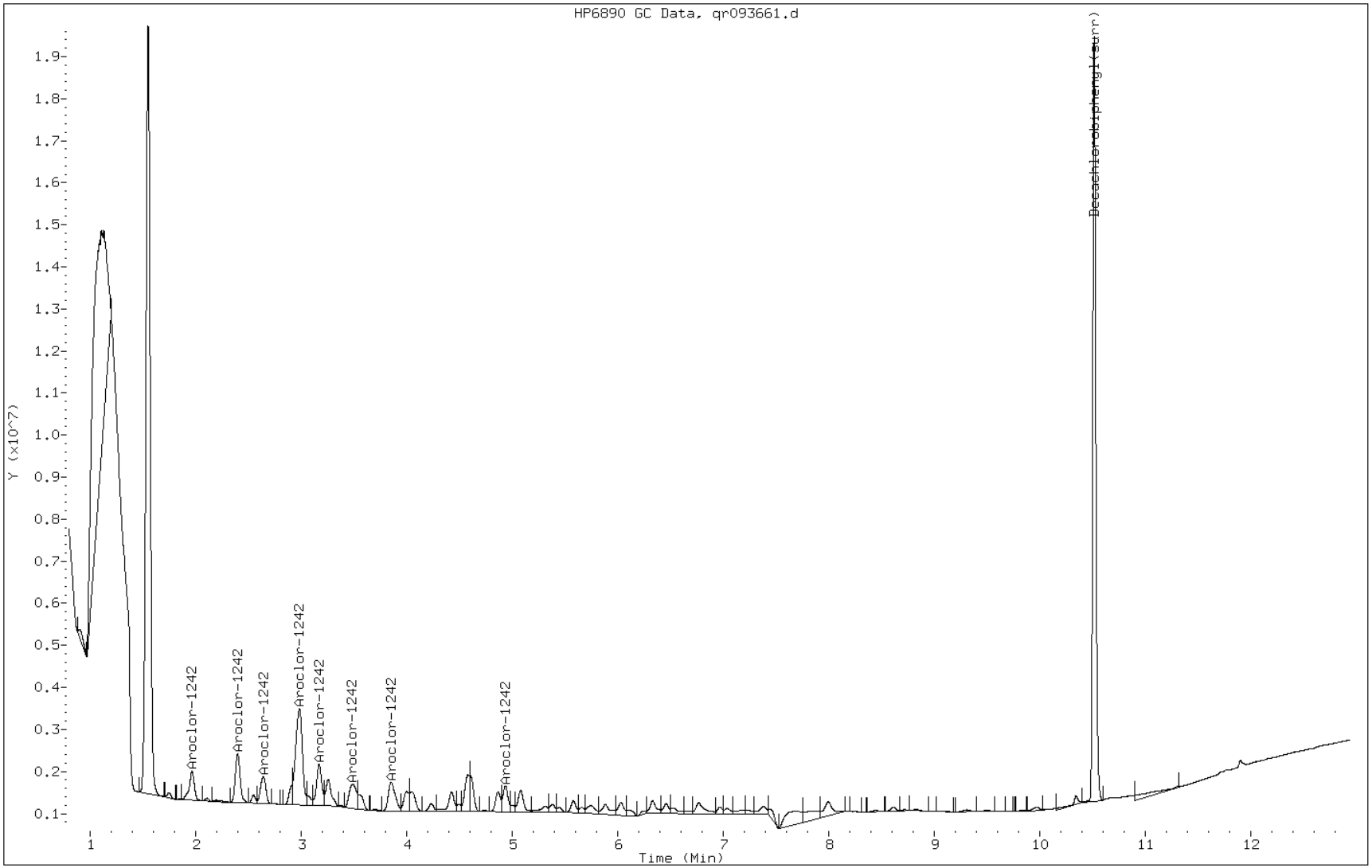
M - Compound response manually integrated.

Data File: qr093661.d

Date: 19-MAR-2013 03:31

Client ID: PMP-10-NE-SD Instrument: PESTGC8.i

Sample Info: 460-52450-F-26-A Operator:



Manual Integration Report

Data File: qr093661.d
Inj. Date and Time: 19-MAR-2013 03:31
Instrument ID: PESTGC8.i
Client ID: PMP-10-NE-SD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

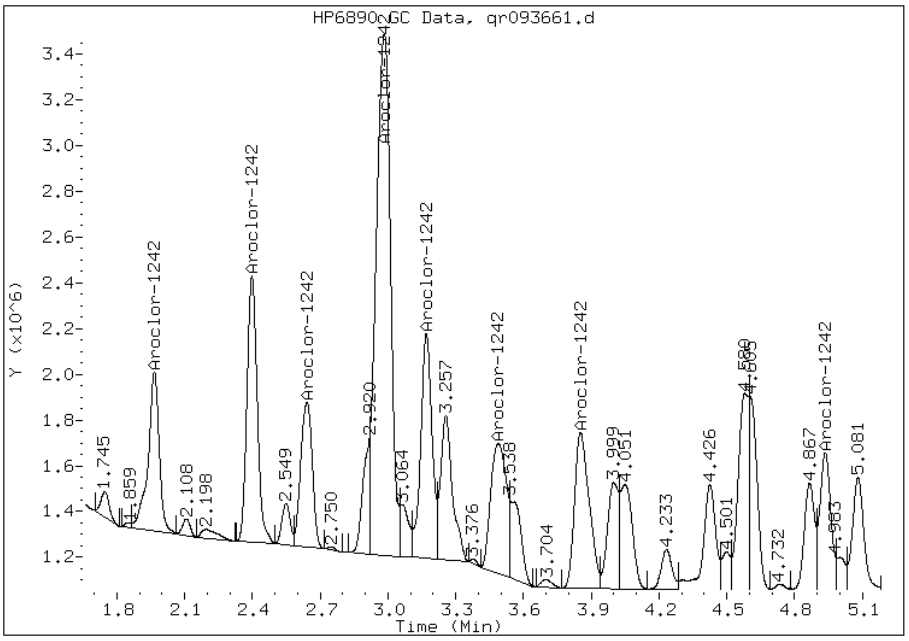
Manual Integration Results

RT: 1.97

Response: 2396327

Amount: 98.36

Conc: 65.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD Lab Sample ID: 460-52450-27

Matrix: Solid Lab File ID: qf093662.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:50

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 03:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		45-138

Data File: qf093662.d
Report Date: 19-Mar-2013 11:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093662.d
Lab Smp Id: 460-52450-F-27-A Client Smp ID: PMP-9-NE-VD
Inj Date : 19-MAR-2013 03:48
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-27-A
Misc Info : 460-52450-F-27-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.966	2.966	0.000	1657252	108.390	72	80.00- 120.00	100.00(MH)
3.666	3.661	0.005	3055143	109.654	73	0.00- 0.00	184.35
4.111	4.108	0.003	1472941	128.580	85	0.00- 0.00	88.88
4.502	4.499	0.003	6844567	126.254	84	0.00- 0.00	413.01
4.749	4.746	0.003	2701232	119.623	80	0.00- 0.00	162.99
5.117	5.111	0.006	1204277	115.377	77	42.38- 63.56	72.67
5.789	5.785	0.004	1842274	99.4202	66	19.58- 29.37	111.16
6.298	6.296	0.002	2440957	107.980	72	0.00- 0.00	147.29
Average of Peak Concentrations =					76		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.600	11.602	-0.002	21630538	43.8622	29	80.00- 120.00	100.00

Data File: qf093662.d
Report Date: 19-Mar-2013 11:39

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qf093662.d

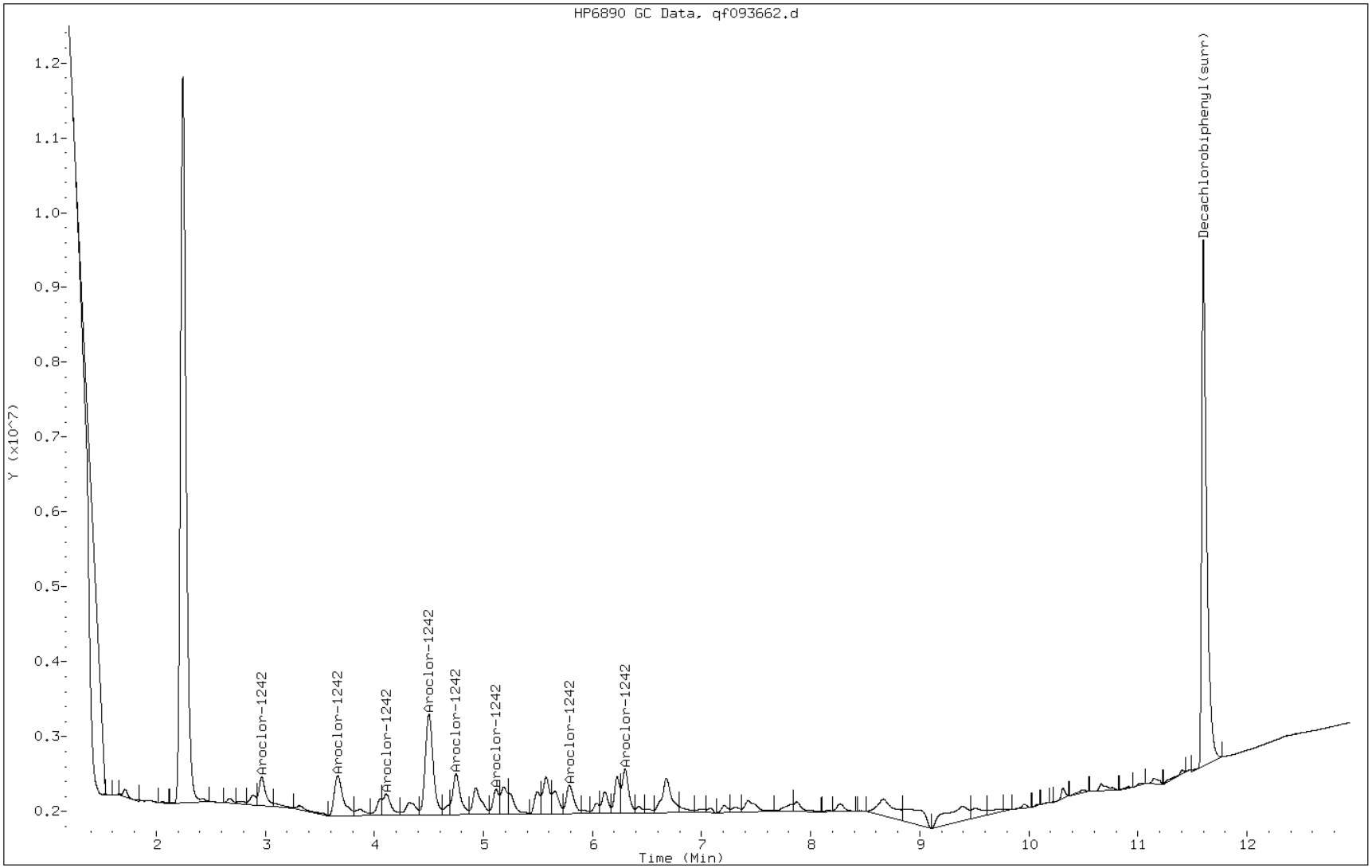
Date: 19-MAR-2013 03:48

Client ID: PMP-9-NE-VD

Instrument: PESTGC8.i

Sample Info: 460-52450-F-27-A

Operator:



Manual Integration Report

Data File: qf093662.d
Inj. Date and Time: 19-MAR-2013 03:48
Instrument ID: PESTGC8.i
Client ID: PMP-9-NE-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

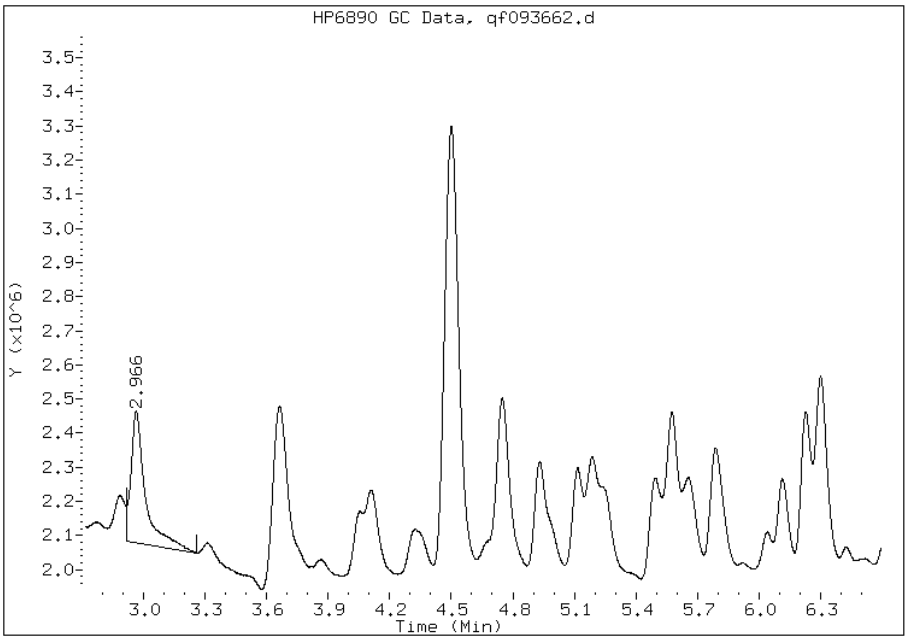
Processing Integration Results

RT: 2.97

Response: 1891131

Amount: 116.32

Conc: 77.00



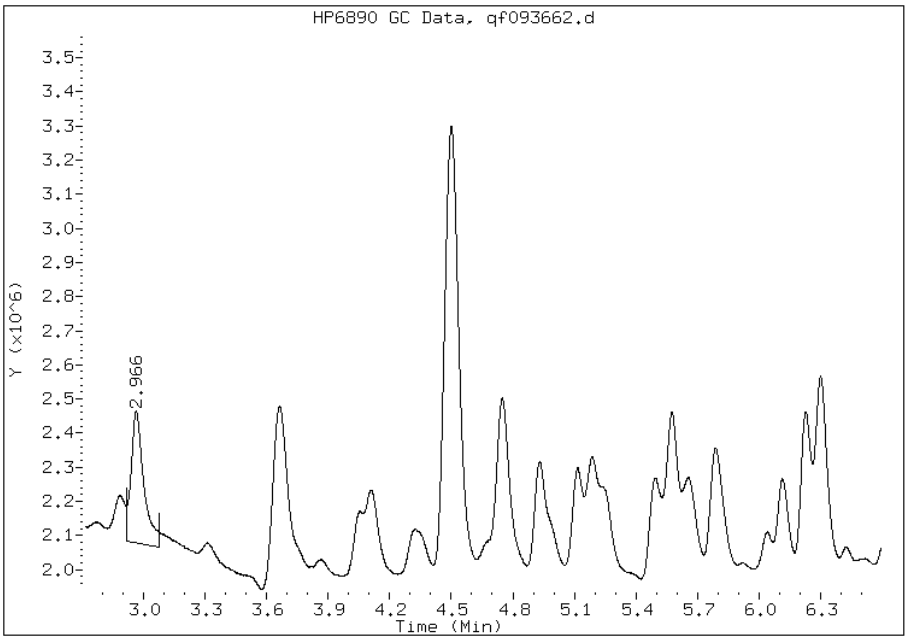
Manual Integration Results

RT: 2.97

Response: 1657252

Amount: 114.41

Conc: 76.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD Lab Sample ID: 460-52450-27

Matrix: Solid Lab File ID: qr093662.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:50

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 03:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	86		70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093662.d
Lab Smp Id: 460-52450-F-27-A Client Smp ID: PMP-9-NE-VD
Inj Date : 19-MAR-2013 03:48
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-27-A
Misc Info : 460-52450-F-27-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.965	1.977	-0.012	2861736	119.003	79	80.00- 120.00	100.00(M)
2.397	2.407	-0.010	4603302	122.396	81	125.12- 187.68	160.86
2.641	2.651	-0.010	2962994	114.633	76	85.99- 128.98	103.54
2.986	2.994	-0.008	10855634	145.289	97	248.56- 372.85	379.34
3.169	3.178	-0.009	4209843	126.011	84	111.14- 166.71	147.11
3.491	3.499	-0.008	3884914	104.675	70	123.47- 185.20	135.75
3.852	3.861	-0.009	4192334	121.450	81	114.83- 172.25	146.50
4.936	4.941	-0.005	2720215	129.388	86	69.94- 104.91	95.05
Average of Peak Concentrations =					82		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.517	10.520	-0.003	35933788	47.6190	32	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: qr093662.d

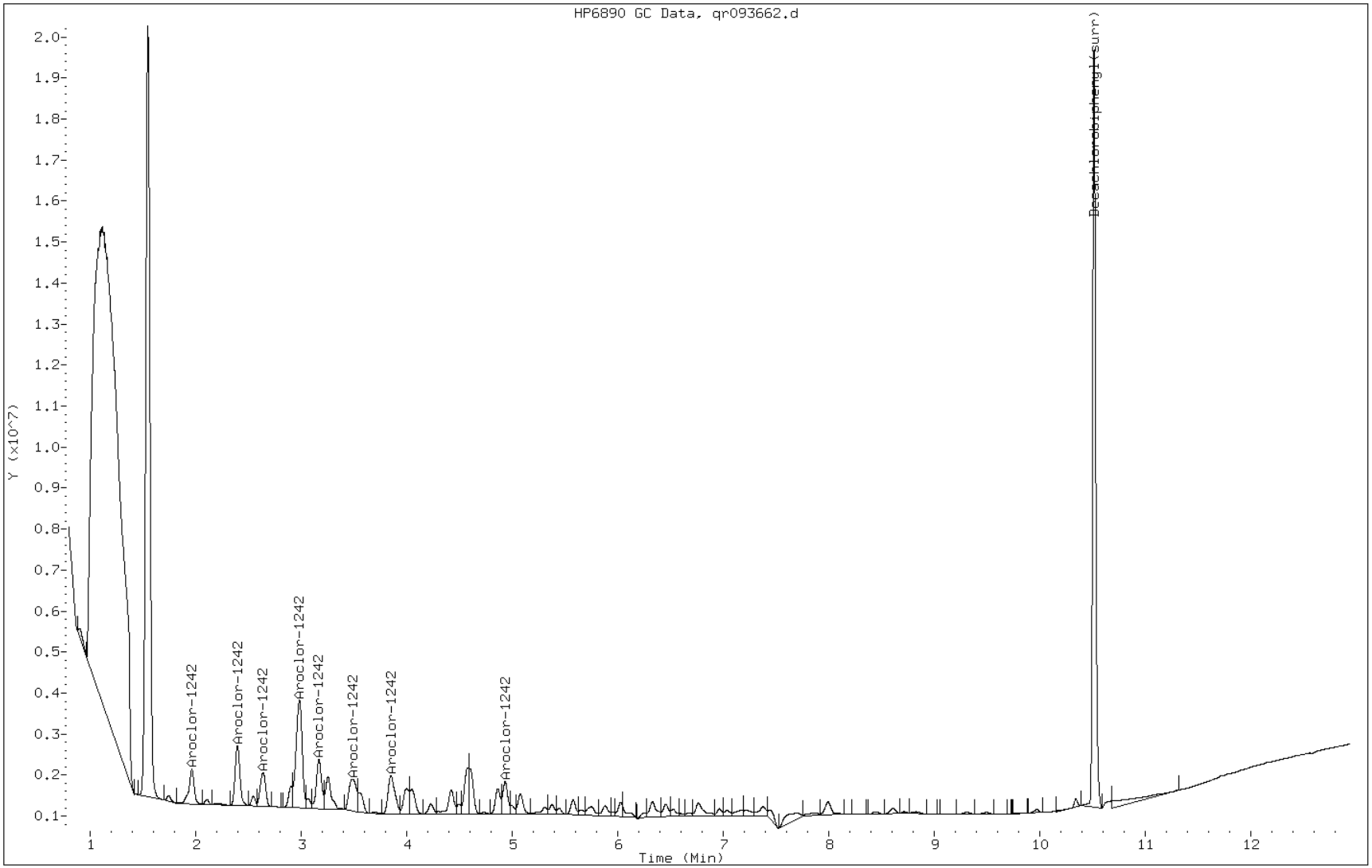
Date: 19-MAR-2013 03:48

Client ID: PMP-9-NE-VD

Instrument: PESTGC8.i

Sample Info: 460-52450-F-27-A

Operator:



Manual Integration Report

Data File: qr093662.d
Inj. Date and Time: 19-MAR-2013 03:48
Instrument ID: PESTGC8.i
Client ID: PMP-9-NE-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

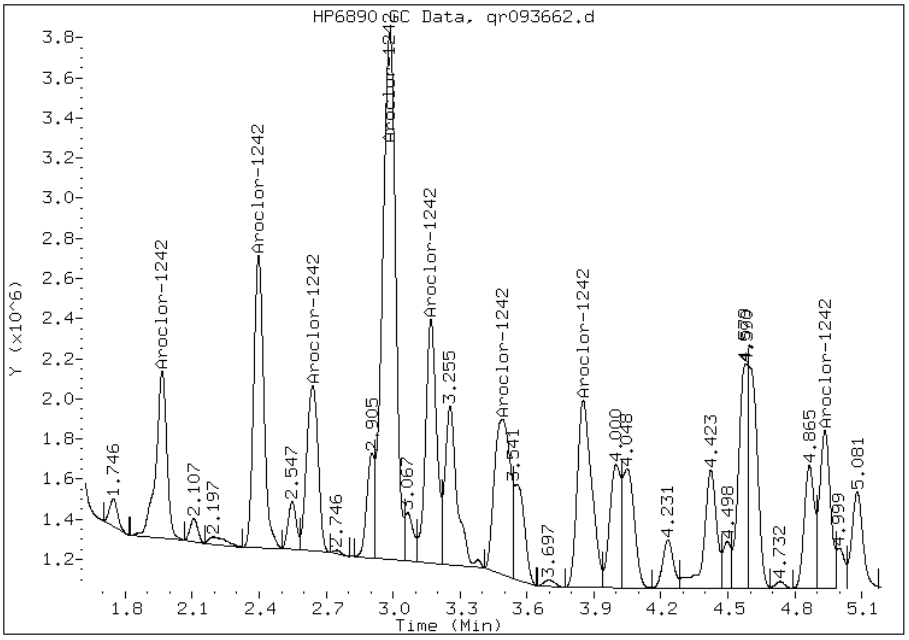
Manual Integration Results

RT: 1.96

Response: 2861736

Amount: 122.86

Conc: 82.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT | Lab Sample ID: 460-52450-28

Matrix: Solid | Lab File ID: qf093687.d

Analysis Method: 8082 | Date Collected: 03/14/2013 14:55

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) | Date Analyzed: 03/19/2013 13:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	62000		3700	830

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/qf093687.d
Lab Smp Id: 460-52450-F-28-A Client Smp ID: PMP-9-NE-WT
Inj Date : 19-MAR-2013 13:01
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-28-A
Misc Info : 460-52450-F-28-A
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 20
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.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	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.24855	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.965	2.966	-0.001	23608125	1544.06	57000	80.00- 120.00	100.00(M)
3.662	3.661	0.001	46516156	1669.55	61000	0.00- 0.00	197.03
4.109	4.108	0.001	20093635	1754.06	64000	0.00- 0.00	85.11
4.500	4.499	0.001	89527682	1651.42	61000	0.00- 0.00	379.22
4.749	4.746	0.003	38364211	1698.94	62000	0.00- 0.00	162.50
5.115	5.111	0.004	16992446	1627.97	60000	42.38- 63.56	71.98
5.788	5.785	0.003	33638418	1815.33	67000	19.58- 29.37	142.49
6.297	6.296	0.001	37697020	1667.59	61000	0.00- 0.00	159.68
Average of Peak Concentrations =					62000		
27 Aroclor-1260					CAS #: 11096-82-5		
7.875	7.818	0.057	0			0.00- 0.00	0.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE		RATIO
27 Aroclor-1260 (continued)								
8.271	8.276	-0.005	3696700	66.8539	2400	0.00-	0.00	32.07
9.157	9.161	-0.004	4523727	64.0498	2400	0.00-	0.00	39.24
9.393	9.399	-0.006	2010697	54.5494	2000	0.00-	0.00	17.44
9.509	9.516	-0.007	931526	47.2442	1700	0.00-	0.00	8.08
9.957	9.963	-0.006	1417250	48.3937	1800	0.00-	0.00	12.29
10.660	10.663	-0.003	1722674	53.9406	2000	0.00-	0.00	14.94
11.146	11.149	-0.003	630433	47.3686	1700	0.00-	0.00	5.47
Average of Peak Concentrations =					2000			

QC Flag Legend

M - Compound response manually integrated.

Data File: qf093687.d

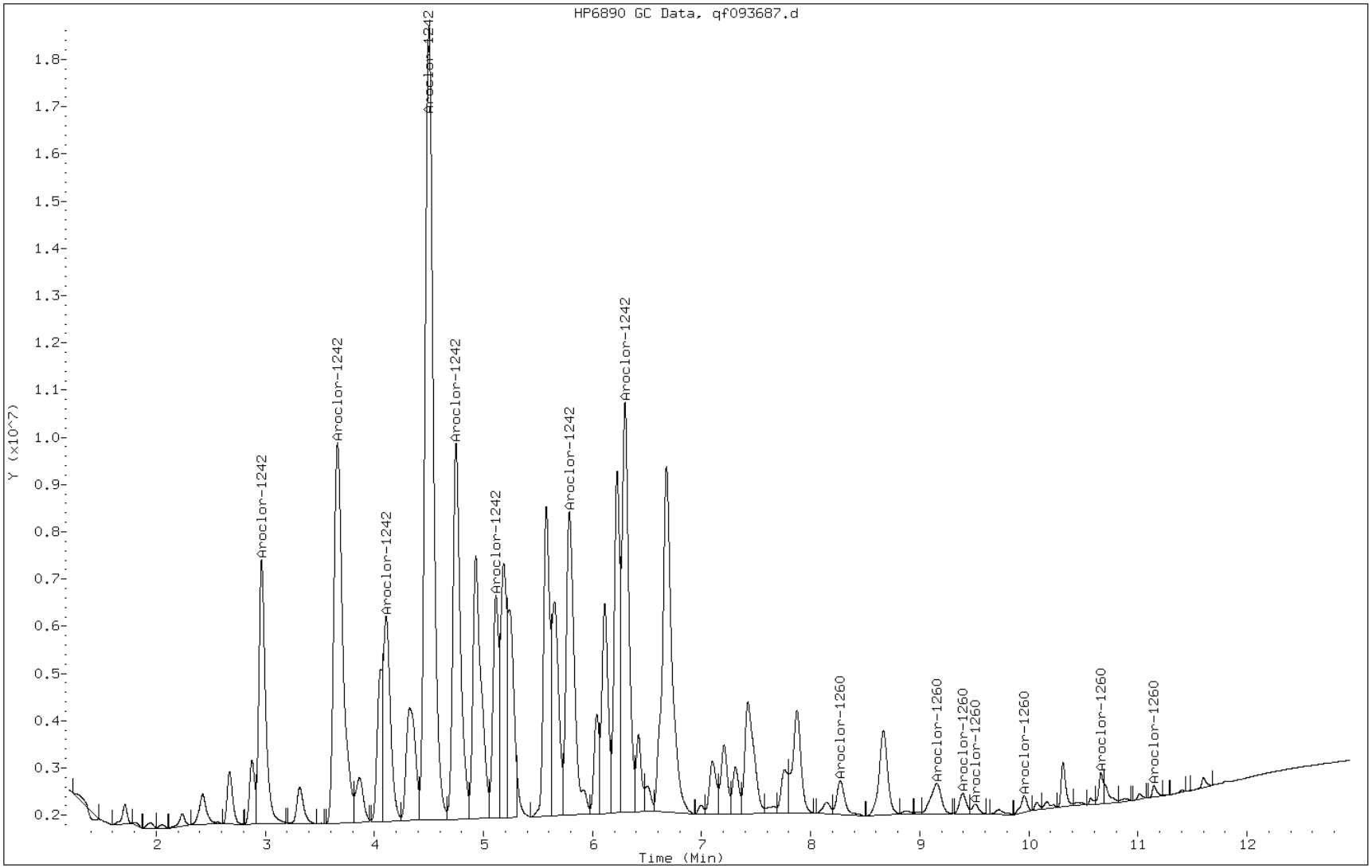
Date: 19-MAR-2013 13:01

Client ID: PMP-9-NE-WT

Instrument: PESTGC8.i

Sample Info: 460-52450-F-28-A

Operator:



Manual Integration Report

Data File: qf093687.d
Inj. Date and Time: 19-MAR-2013 13:01
Instrument ID: PESTGC8.i
Client ID: PMP-9-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.97

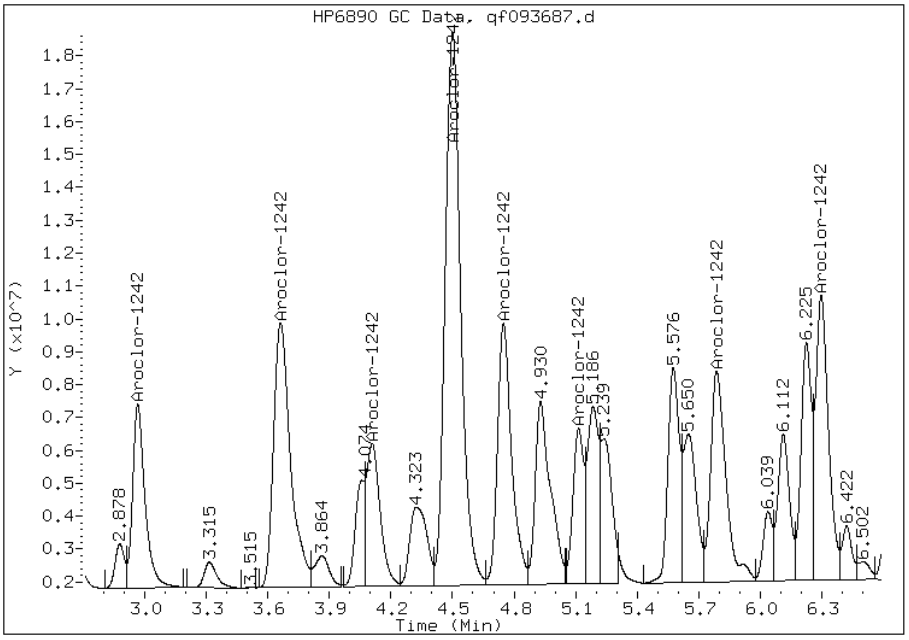
Manual Integration Results

RT: 2.97

Response: 23608125

Amount: 1678.61

Conc: 62000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qf093687.d
Inj. Date and Time: 19-MAR-2013 13:01
Instrument ID: PESTGC8.i
Client ID: PMP-9-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

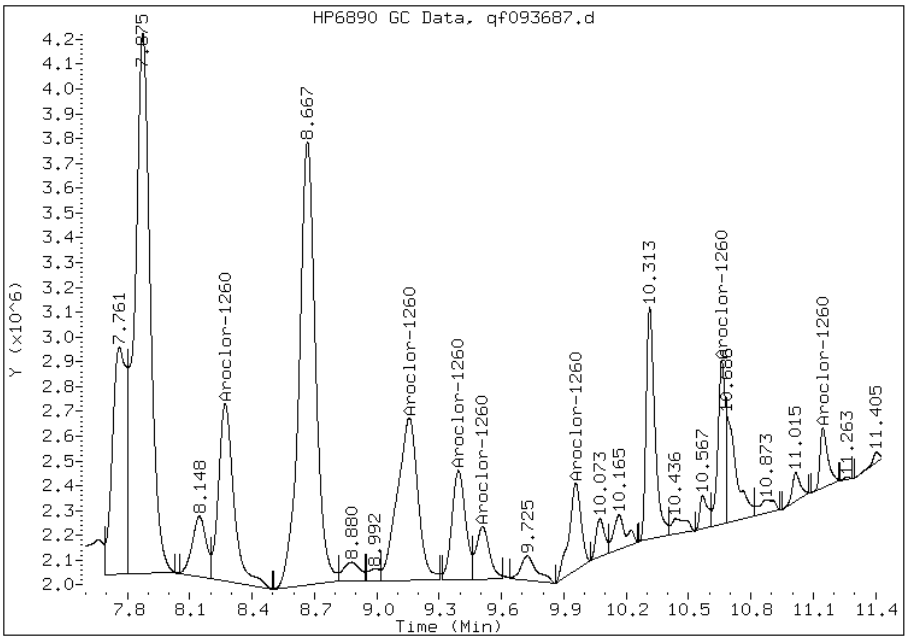
Manual Integration Results

RT: 7.87

Response: 0

Amount: 54.63

Conc: 2000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT Lab Sample ID: 460-52450-28

Matrix: Solid Lab File ID: qr093687.d

Analysis Method: 8082 Date Collected: 03/14/2013 14:55

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 13:01

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151722 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	830	U	3700	830
11104-28-2	Aroclor 1221	830	U	3700	830
11141-16-5	Aroclor 1232	830	U	3700	830
12672-29-6	Aroclor 1248	830	U	3700	830
11097-69-1	Aroclor 1254	1000	U	3700	1000
11096-82-5	Aroclor 1260	2300	J	3700	1000
37324-23-5	Aroclor 1262	1000	U	3700	1000
11100-14-4	Aroclor 1268	1000	U	3700	1000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

Data File: qr093687.d
Report Date: 19-Mar-2013 14:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/qr093687.d
Lab Smp Id: 460-52450-F-28-A Client Smp ID: PMP-9-NE-WT
Inj Date : 19-MAR-2013 13:01
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-28-A
Misc Info : 460-52450-F-28-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 20
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.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	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.24855	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.963	1.977	-0.014	33991401	1413.50	52000	80.00- 120.00	100.00(M)
2.395	2.407	-0.012	58309249	1550.37	57000	125.12- 187.68	171.54
2.638	2.651	-0.013	39944924	1545.40	57000	85.99- 128.98	117.51
2.983	2.994	-0.011	117250350	1569.25	58000	248.56- 372.85	344.94
3.166	3.178	-0.012	54481055	1630.75	60000	111.14- 166.71	160.28
3.486	3.499	-0.013	54634283	1472.06	54000	123.47- 185.20	160.73
3.849	3.861	-0.012	56135403	1626.22	60000	114.83- 172.25	165.15
4.932	4.941	-0.009	36155244	1719.74	63000	69.94- 104.91	106.37
Average of Peak Concentrations =					58000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.879	5.887	-0.008	3939665	73.2425	2700	80.00- 120.00	100.00

Data File: qr093687.d
Report Date: 19-Mar-2013 14:16

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.328	6.337	-0.009	6968108	72.3581	2600	145.55- 218.32	176.87
6.765	6.773	-0.008	7206358	78.9519	2900	140.64- 210.95	182.92
6.960	6.970	-0.010	2626990	56.3350	2100	73.78- 110.68	66.68
7.379	7.387	-0.008	3062334	63.1195	2300	75.71- 113.56	77.73
8.610	8.621	-0.011	2803438	45.3035	1700	96.73- 145.09	71.16
8.825	8.833	-0.008	1969410	56.8142	2100	53.49- 80.23	49.99
9.977	9.984	-0.007	1711688	56.3381	2100	47.38- 71.07	43.45
			Average of Peak Concentrations =		2300		

QC Flag Legend

M - Compound response manually integrated.

Data File: qr093687.d

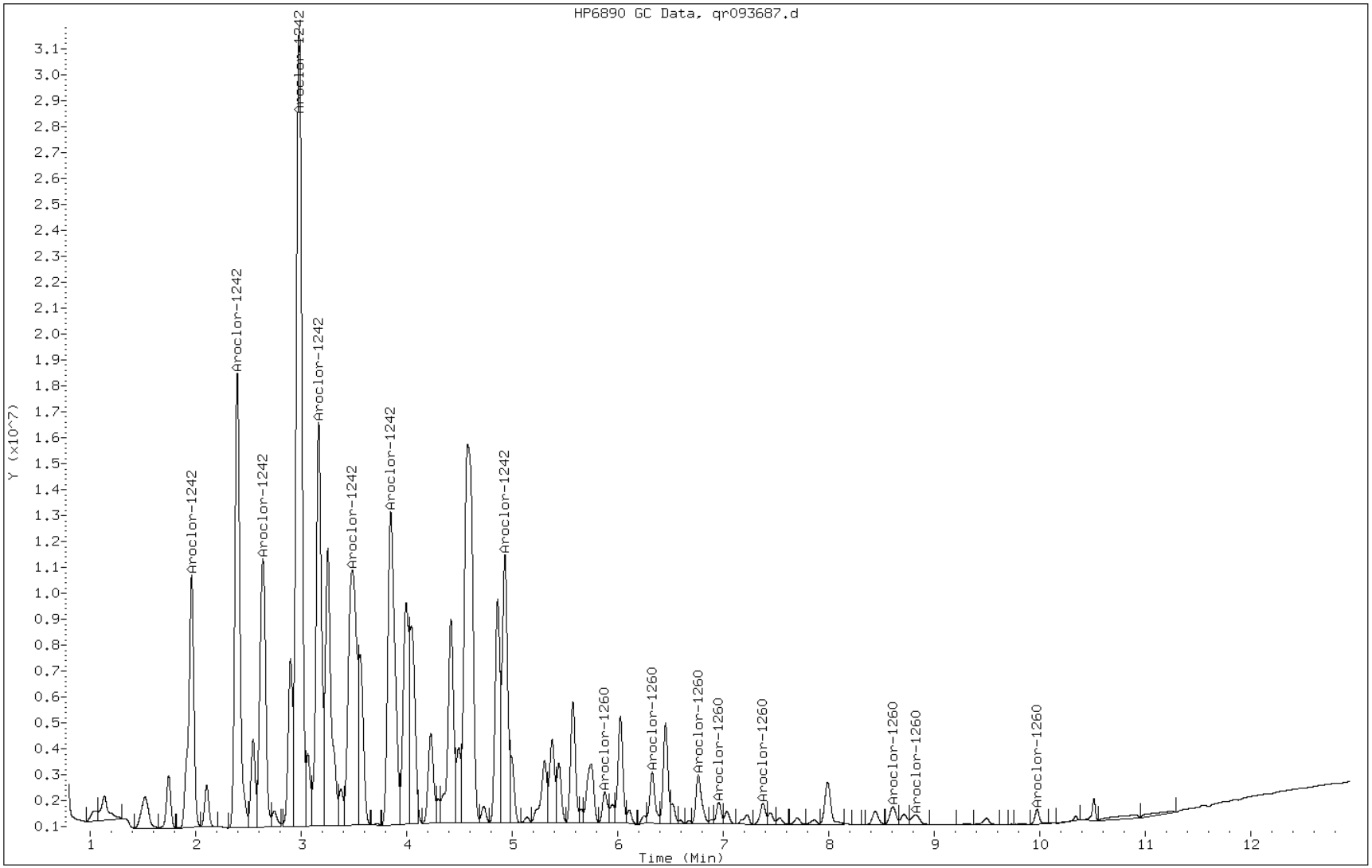
Date: 19-MAR-2013 13:01

Client ID: PMP-9-NE-WT

Instrument: PESTGC8.i

Sample Info: 460-52450-F-28-A

Operator:



Manual Integration Report

Data File: qr093687.d
Inj. Date and Time: 19-MAR-2013 13:01
Instrument ID: PESTGC8.i
Client ID: PMP-9-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

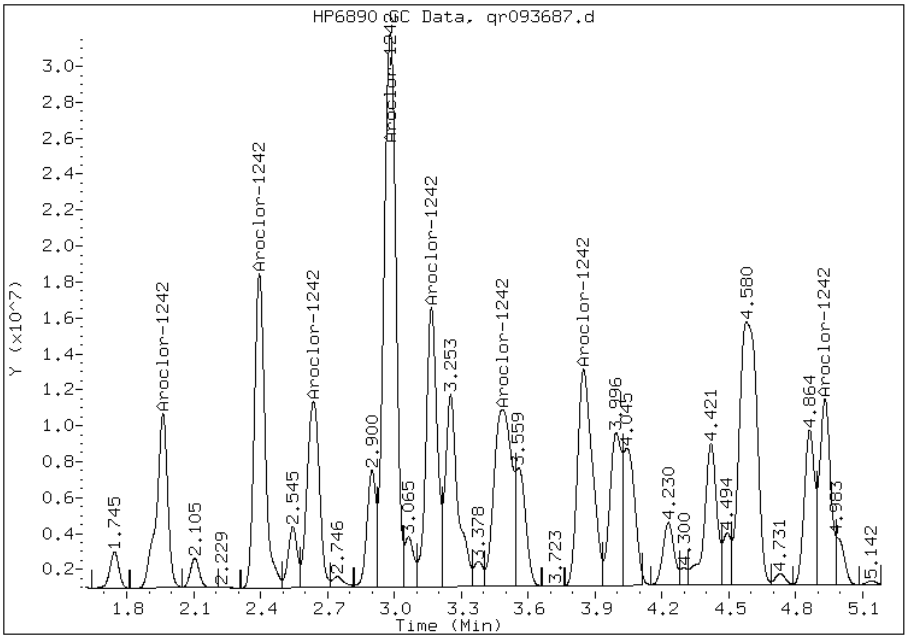
Manual Integration Results

RT: 1.96

Response: 33991401

Amount: 1565.91

Conc: 58000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI Lab Sample ID: 460-52450-29

Matrix: Solid Lab File ID: vf484008.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:00

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 17:16

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	13000		760	170
11096-82-5	Aroclor 1260	760		760	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13d.b/vf484008.d
Lab Smp Id: 460-52450-F-29-C Client Smp ID: PMP-9-NE-SI
Inj Date : 19-MAR-2013 17:16
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-29-C
Misc Info : 460-52450-F-29-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13d.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 80
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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
24 Aroclor-1242					CAS #: 53469-21-9		
3.058	3.068	-0.010	16517358	1495.74	9900	80.00- 120.00	100.00
3.791	3.804	-0.013	35545104	1812.32	12000	142.09- 213.13	215.20
4.244	4.256	-0.012	15187045	1782.80	12000	61.71- 92.57	91.95
4.636	4.647	-0.011	64053570	1813.79	12000	255.84- 383.75	387.80
4.886	4.897	-0.011	29318683	1802.90	12000	117.81- 176.71	177.50
5.252	5.263	-0.011	14526169	1797.11	12000	58.56- 87.84	87.94
5.932	5.942	-0.010	26470633	1902.11	13000	100.82- 151.23	160.26
6.447	6.456	-0.009	26601118	1849.20	12000	104.21- 156.32	161.05
Average of Peak Concentrations =					12000		
27 Aroclor-1260					CAS #: 11096-82-5		
8.009	8.024	-0.015	0			80.00- 120.00	0.00(MH)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.493	8.503	-0.010	0			90.48- 135.71	0.00
9.398	9.407	-0.009	0			129.01- 193.52	0.00
9.596	9.604	-0.008	2276284	114.378	760	55.67- 83.51	75.31
9.700	9.708	-0.008	1201798	102.857	680	33.98- 50.97	39.76
10.105	10.113	-0.008	1931831	95.5272	640	59.19- 88.79	63.91
10.745	10.751	-0.006	2322680	92.3328	610	74.73- 112.09	76.84
11.215	11.219	-0.004	930162	97.3342	650	28.07- 42.10	30.77
			Average of Peak Concentrations =		670		

QC Flag Legend

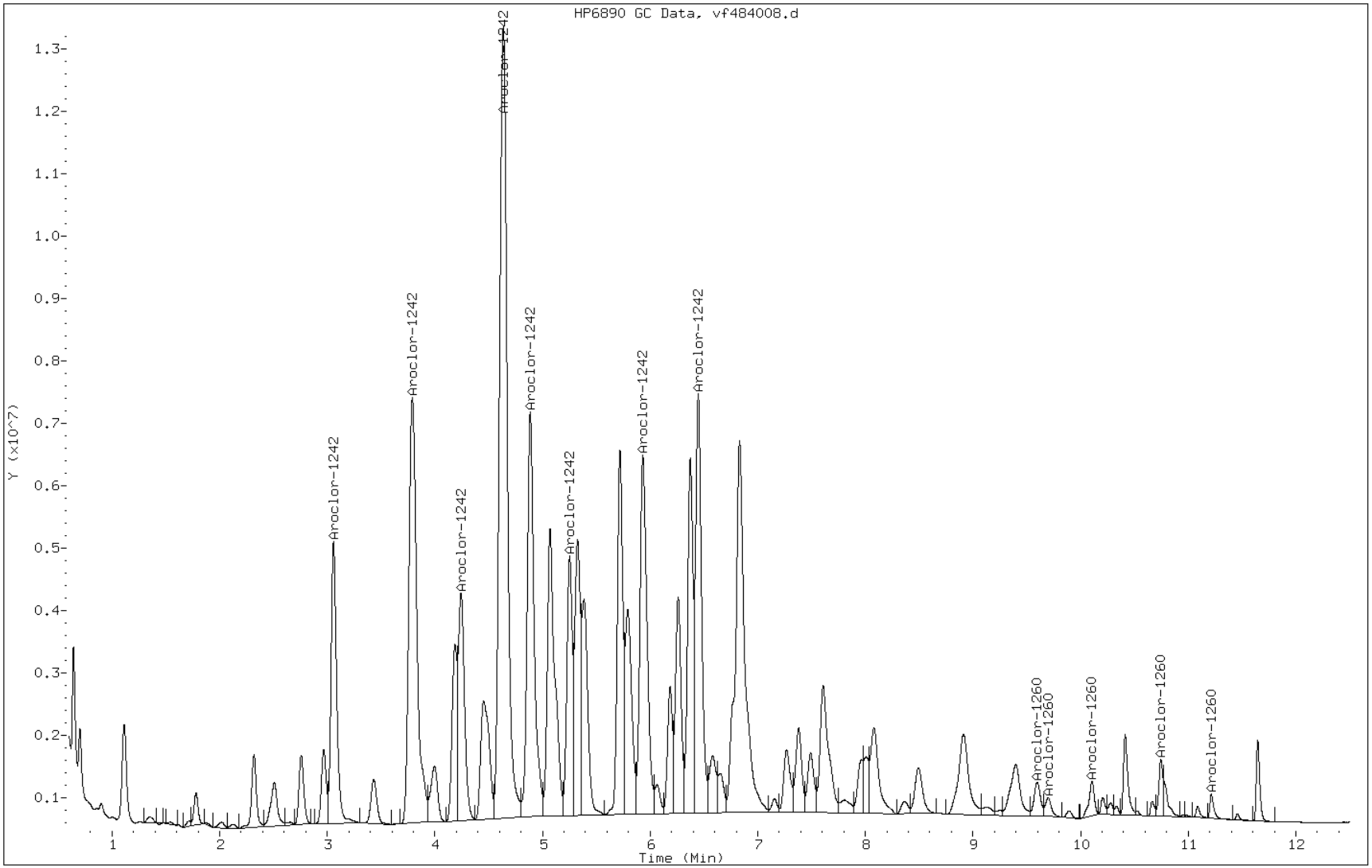
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vf484008.d

Date: 19-MAR-2013 17:16

Client ID: PMP-9-NE-SI Instrument: PESTGC9.i

Sample Info: 460-52450-F-29-C Operator:



Manual Integration Report

Data File: vf484008.d
Inj. Date and Time: 19-MAR-2013 17:16
Instrument ID: PESTGC9.i
Client ID: PMP-9-NE-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

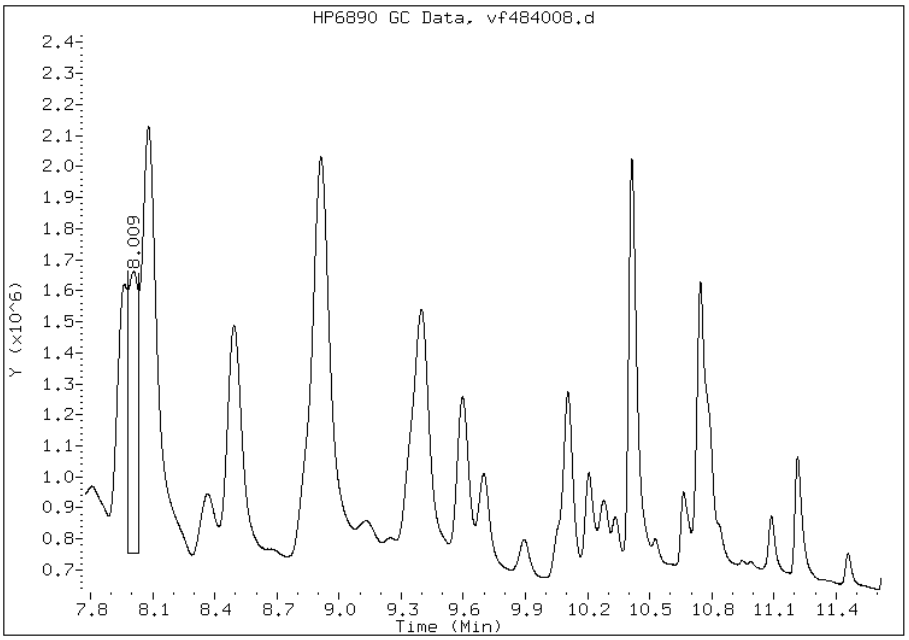
Processing Integration Results

RT: 8.01

Response: 3022643

Amount: 104.13

Conc: 690.00



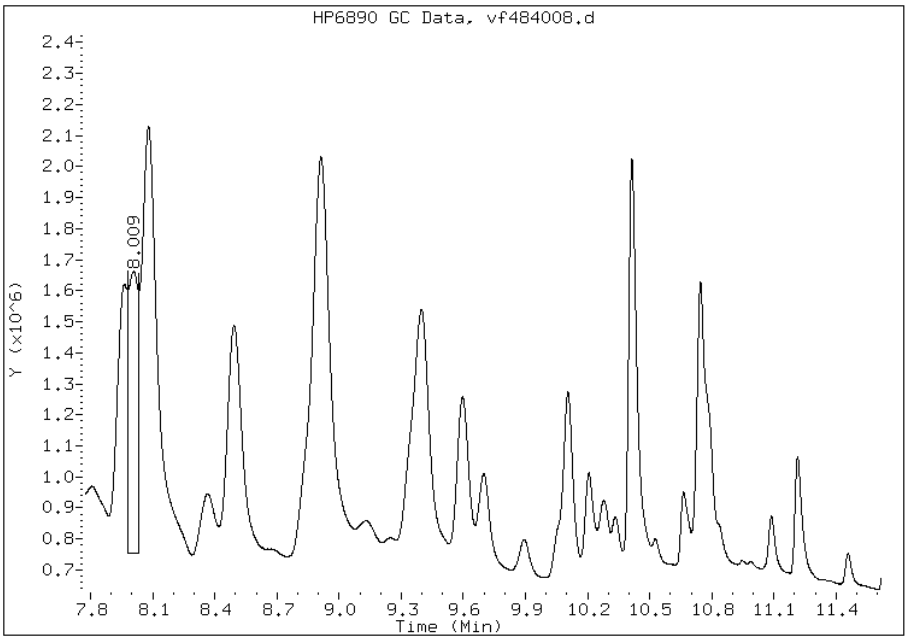
Manual Integration Results

RT: 8.01

Response: 0

Amount: 100.49

Conc: 670.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI Lab Sample ID: 460-52450-29

Matrix: Solid Lab File ID: vr484008.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:00

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 17:16

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	170	U	760	170
11104-28-2	Aroclor 1221	170	U	760	170
11141-16-5	Aroclor 1232	170	U	760	170
12672-29-6	Aroclor 1248	170	U	760	170
11097-69-1	Aroclor 1254	210	U	760	210
37324-23-5	Aroclor 1262	210	U	760	210
11100-14-4	Aroclor 1268	210	U	760	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

Data File: vr484008.d
Report Date: 19-Mar-2013 12:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13d.b/vr484008.d
Lab Smp Id: 460-52450-F-29-C Client Smp ID: PMP-9-NE-SI
Inj Date : 19-MAR-2013 17:16
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-29-C
Misc Info : 460-52450-F-29-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13d.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 80
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.075	2.089	-0.014	21486121	1476.98	9800	80.00- 120.00	100.00(M)
2.520	2.531	-0.011	39515724	1728.62	11000	125.71- 188.57	183.91
2.769	2.781	-0.012	29142286	1728.46	11000	92.72- 139.08	135.63
3.120	3.133	-0.013	87752413	1727.04	11000	279.42- 419.14	408.41
3.321	3.335	-0.014	34319447	1879.47	12000	100.42- 150.63	159.73
3.678	3.693	-0.015	30248730	1562.49	10000	106.46- 159.69	140.78
4.040	4.053	-0.013	34110478	1833.69	12000	102.30- 153.45	158.76
5.122	5.135	-0.013	24545864	1982.11	13000	68.10- 102.15	114.24
Average of Peak Concentrations =					12000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.074	6.086	-0.012	0			80.00- 120.00	0.00

Data File: vr484008.d
Report Date: 19-Mar-2013 12:33

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.528	6.538	-0.010	0			149.24- 223.85	0.00
6.976	6.985	-0.009	5423666	86.8615	580	129.35- 194.03	135.27
7.179	7.187	-0.008	2178362	63.6819	420	71.80- 107.70	54.33
7.621	7.630	-0.009	2171644	74.4155	490	60.06- 90.09	54.16
8.918	8.934	-0.016	2769343	79.4141	530	62.13- 93.19	69.07
9.143	9.158	-0.015	2500157	102.272	680	43.53- 65.29	62.35
10.168	10.172	-0.004	1457373	83.5834	560	29.68- 44.53	36.35
			Average of Peak Concentrations =		540		

QC Flag Legend

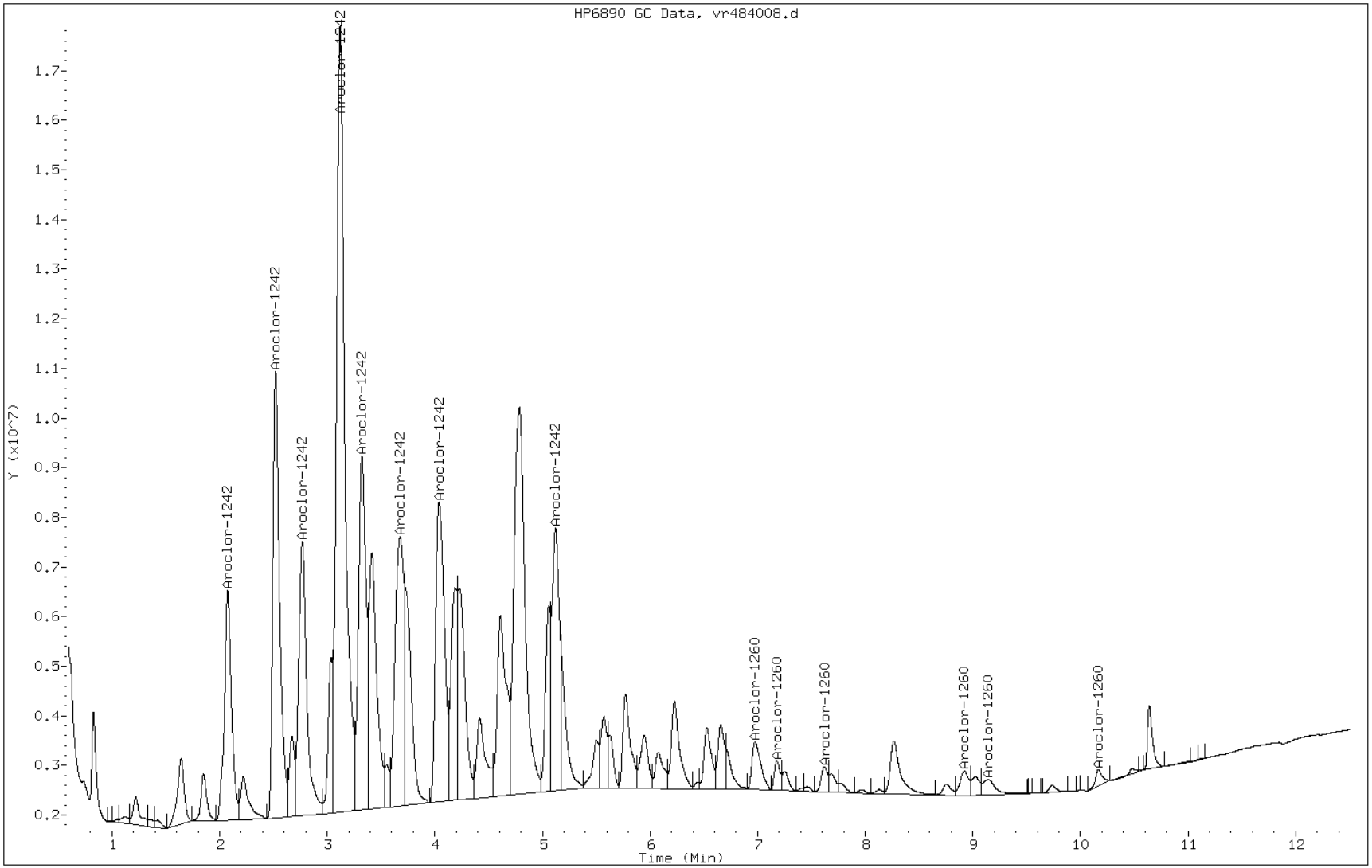
M - Compound response manually integrated.

Data File: vr484008.d

Date: 19-MAR-2013 17:16

Client ID: PMP-9-NE-SI Instrument: PESTGC9.i

Sample Info: 460-52450-F-29-C Operator:



Manual Integration Report

Data File: vr484008.d
Inj. Date and Time: 19-MAR-2013 17:16
Instrument ID: PESTGC9.i
Client ID: PMP-9-NE-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

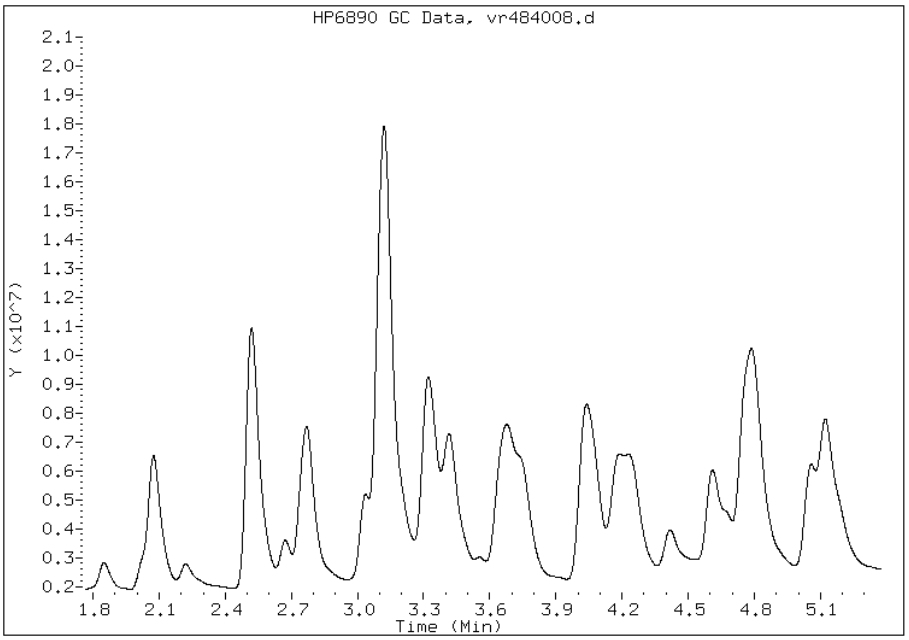
Processing Integration Results

RT: 5.12

Response: 33543147

Amount: 1830.67

Conc: 12000.00



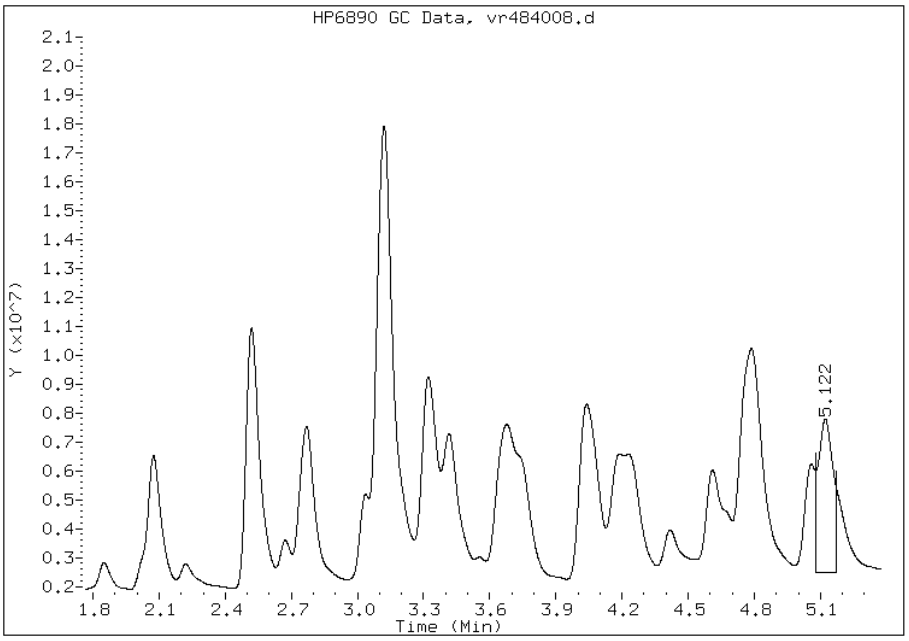
Manual Integration Results

RT: 5.12

Response: 24545864

Amount: 1739.86

Conc: 12000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD Lab Sample ID: 460-52450-30

Matrix: Solid Lab File ID: vf483958.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:35

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 15:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	100		70	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

Data File: vf483958.d
Report Date: 19-Mar-2013 02:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483958.d
Lab Smp Id: 460-52450-F-30-A Client Smp ID: PMP-13-NE-VD
Inj Date : 18-MAR-2013 15:48
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-30-A
Misc Info : 460-52450-F-30-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

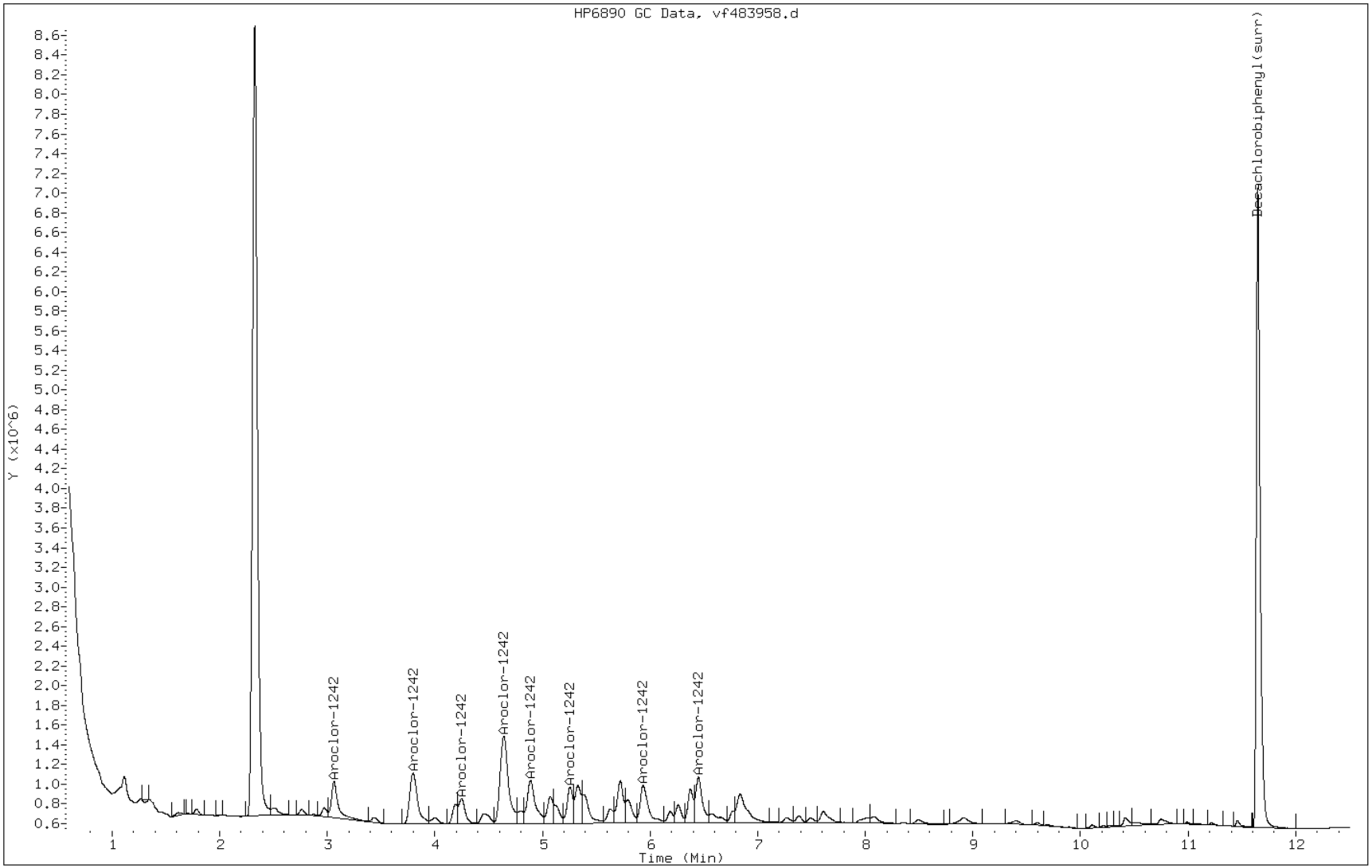
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.063	3.068	-0.005	1570916	142.255	94	80.00- 120.00	100.00
3.798	3.804	-0.006	2657989	135.522	90	142.09- 213.13	169.20
4.250	4.256	-0.006	1073566	126.026	84	61.71- 92.57	68.34
4.642	4.647	-0.005	4788293	135.589	90	255.84- 383.75	304.81
4.889	4.897	-0.008	2374884	146.039	97	117.81- 176.71	151.18
5.257	5.263	-0.006	1338692	165.617	110	58.56- 87.84	85.22
5.935	5.942	-0.007	2039568	146.558	97	100.82- 151.23	129.83
6.451	6.456	-0.005	2043388	142.048	94	104.21- 156.32	130.08
Average of Peak Concentrations =					95		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.647	11.650	-0.003	15995307	49.7932	33	80.00- 120.00	100.00

Data File: vf483958.d

Date: 18-MAR-2013 15:48

Client ID: PMP-13-NE-VD Instrument: PESTGC9.i

Sample Info: 460-52450-F-30-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD Lab Sample ID: 460-52450-30

Matrix: Solid Lab File ID: vr483958.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:35

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 15:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483958.d
Lab Smp Id: 460-52450-F-30-A Client Smp ID: PMP-13-NE-VD
Inj Date : 18-MAR-2013 15:48
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-30-A
Misc Info : 460-52450-F-30-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	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
24 Aroclor-1242					CAS #: 53469-21-9		
2.081	2.089	-0.008	1403832	96.5009	64	80.00- 120.00	100.00(MH)
2.527	2.531	-0.004	2832717	123.918	82	125.71- 188.57	201.78
2.773	2.781	-0.008	1894537	112.367	75	92.72- 139.08	134.95
3.127	3.133	-0.006	6719762	132.250	88	279.42- 419.14	478.67
3.329	3.335	-0.006	1874926	102.678	68	100.42- 150.63	133.56
3.686	3.693	-0.007	3096937	159.971	110	106.46- 159.69	220.61
4.046	4.053	-0.007	1880743	101.104	67	102.30- 153.45	133.97
5.127	5.135	-0.008	1668536	134.736	90	68.10- 102.15	118.86
Average of Peak Concentrations =					80		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.641	10.642	-0.001	28594147	53.5474	36	80.00- 120.00	100.00

QC Flag Legend

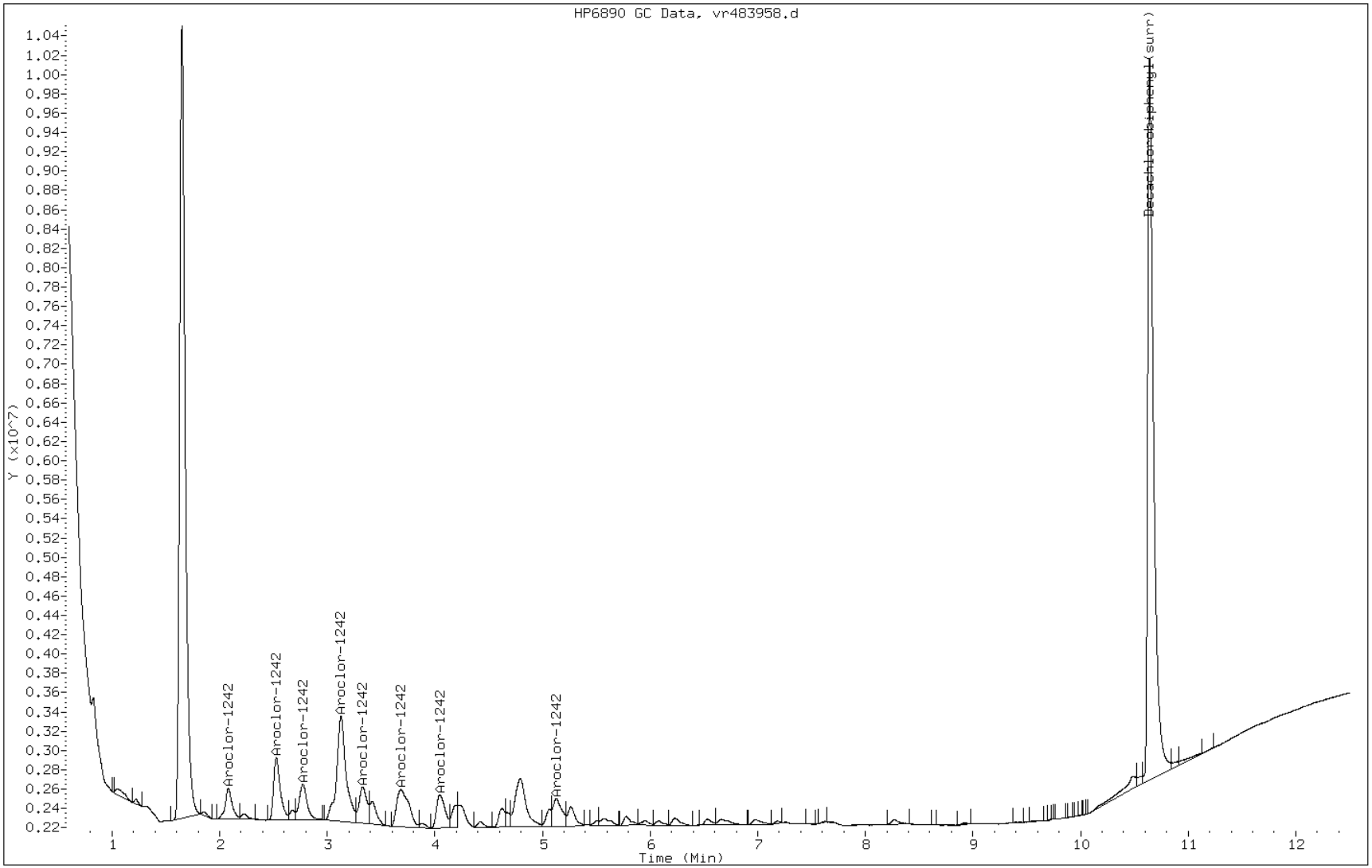
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vr483958.d

Date: 18-MAR-2013 15:48

Client ID: PMP-13-NE-VD Instrument: PESTGC9.i

Sample Info: 460-52450-F-30-A Operator:



Manual Integration Report

Data File: vr483958.d
Inj. Date and Time: 18-MAR-2013 15:48
Instrument ID: PESTGC9.i
Client ID: PMP-13-NE-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

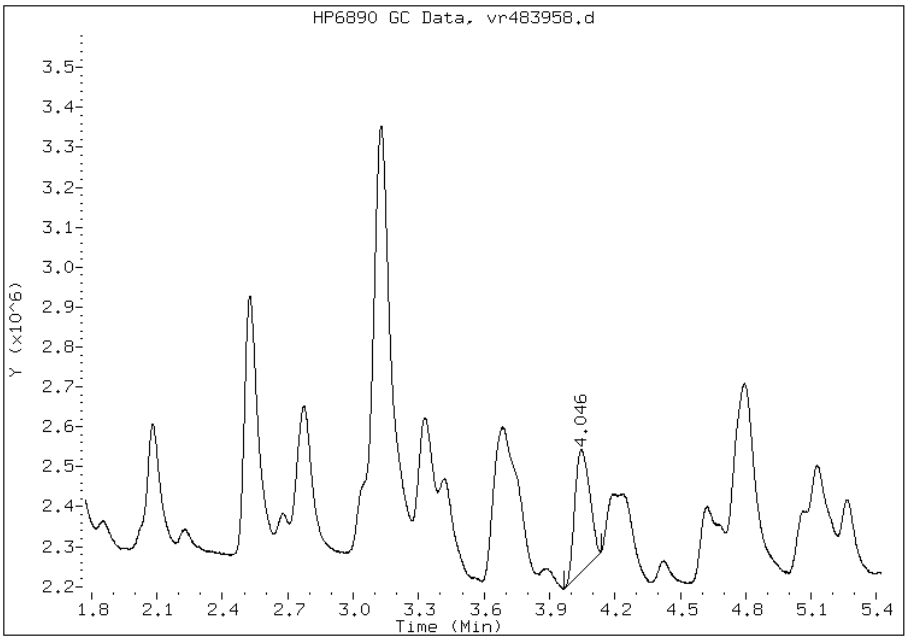
Processing Integration Results

RT: 4.05

Response: 1437406

Amount: 116.47

Conc: 77.00



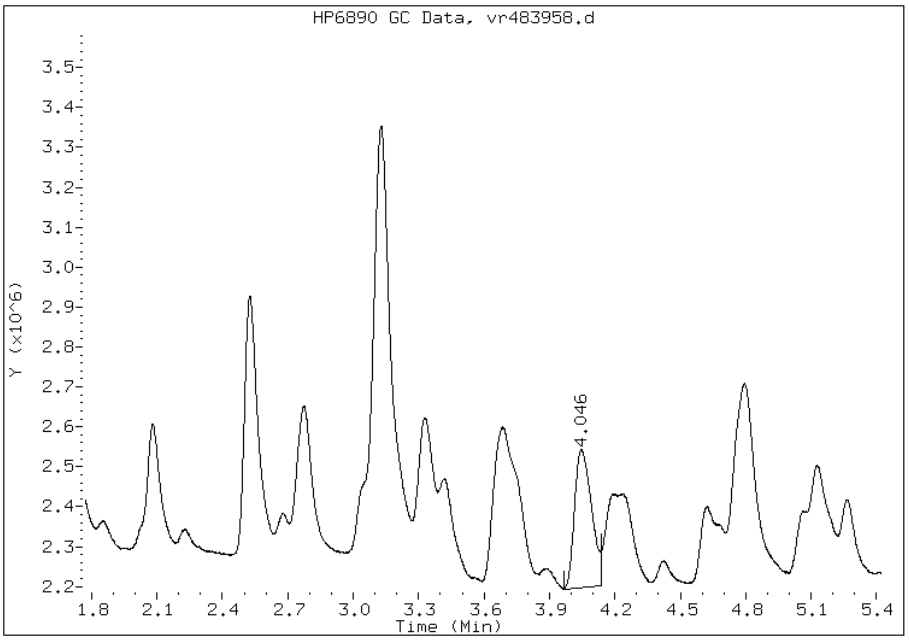
Manual Integration Results

RT: 4.05

Response: 1880743

Amount: 120.44

Conc: 80.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT Lab Sample ID: 460-52450-31

Matrix: Solid Lab File ID: vf484009.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:40

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 17:32

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	86000		3800	840
11096-82-5	Aroclor 1260	2700	J	3800	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13d.b/vf484009.d
Lab Smp Id: 460-52450-F-31-A Client Smp ID: PMP-13-NE-WT
Inj Date : 19-MAR-2013 17:32
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-31-A
Misc Info : 460-52450-F-31-A
Comment :
Method : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13d.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 81
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.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	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.057	3.068	-0.011	22144421	2005.30	67000	80.00- 120.00	100.00(M)
3.789	3.804	-0.015	45747592	2332.51	78000	142.09- 213.13	206.59
4.243	4.256	-0.013	19731810	2316.31	77000	61.71- 92.57	89.11
4.634	4.647	-0.013	83559962	2366.14	79000	255.84- 383.75	377.34
4.885	4.897	-0.012	38160247	2346.59	78000	117.81- 176.71	172.32
5.252	5.263	-0.011	18371580	2272.85	76000	58.56- 87.84	82.96
5.932	5.942	-0.010	33915537	2437.08	81000	100.82- 151.23	153.16
6.448	6.456	-0.008	34462198	2395.66	80000	104.21- 156.32	155.62
Average of Peak Concentrations =					77000		
27 Aroclor-1260					CAS #: 11096-82-5		
8.080	8.024	0.056	0			80.00- 120.00	0.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.492	8.503	-0.011	0			90.48- 135.71	0.00
9.399	9.407	-0.008	0			129.01- 193.52	0.00
9.598	9.604	-0.006	1492698	75.0046	2500	55.67- 83.51	0.00
9.698	9.708	-0.010	709016	60.6821	2000	33.98- 50.97	0.00
10.105	10.113	-0.008	1642583	81.2242	2700	59.19- 88.79	0.00
10.746	10.751	-0.005	1623044	64.5204	2100	74.73- 112.09	0.00
11.215	11.219	-0.004	751772	78.6671	2600	28.07- 42.10	0.00
			Average of Peak Concentrations =		2400		

QC Flag Legend

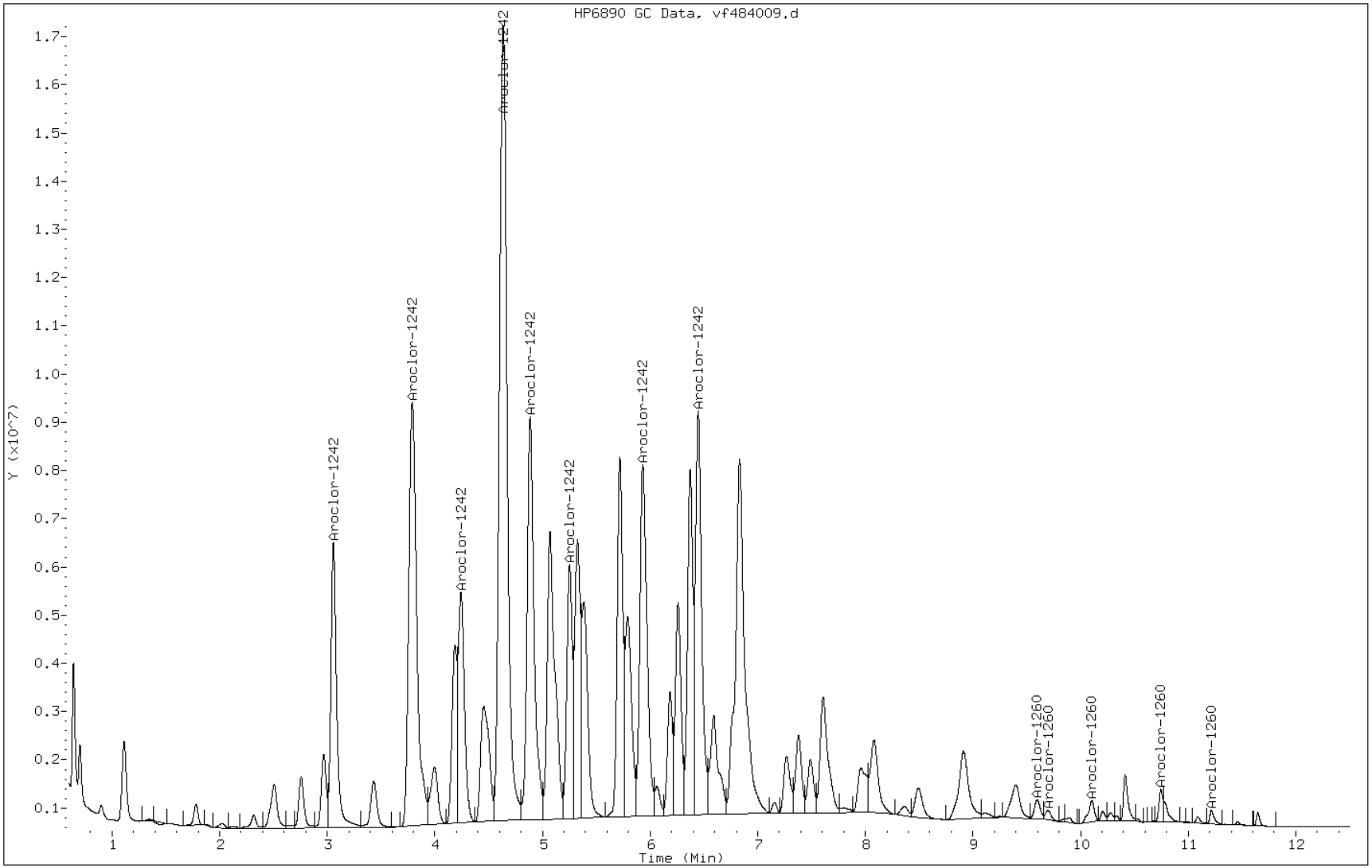
M - Compound response manually integrated.

Data File: vf484009.d

Date: 19-MAR-2013 17:32

Client ID: PMP-13-NE-WT Instrument: PESTGC9.i

Sample Info: 460-52450-F-31-A Operator:



Manual Integration Report

Data File: vf484009.d
Inj. Date and Time: 19-MAR-2013 17:32
Instrument ID: PESTGC9.i
Client ID: PMP-13-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

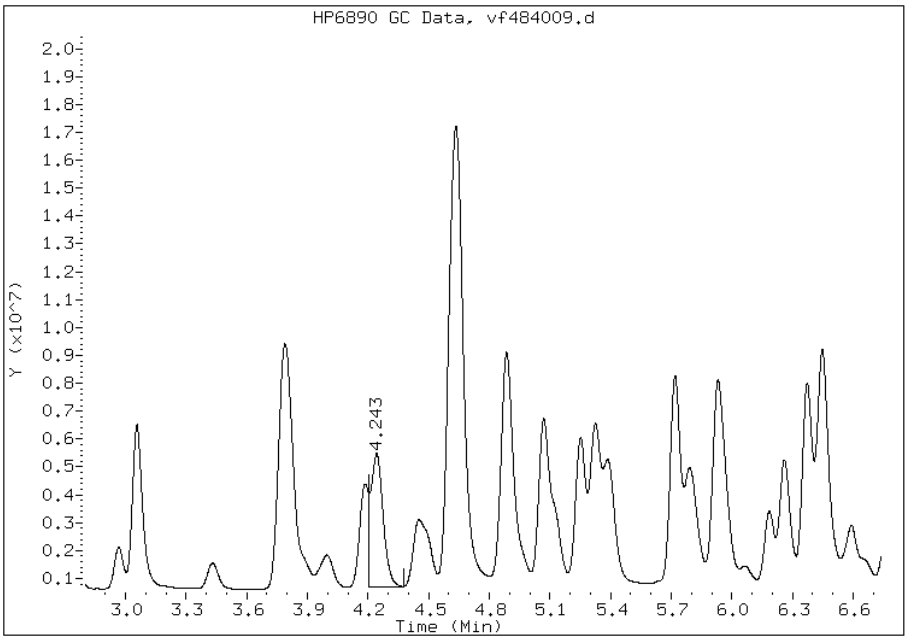
Processing Integration Results

RT: 4.24

Response: 19776089

Amount: 2318.04

Conc: 77000.00



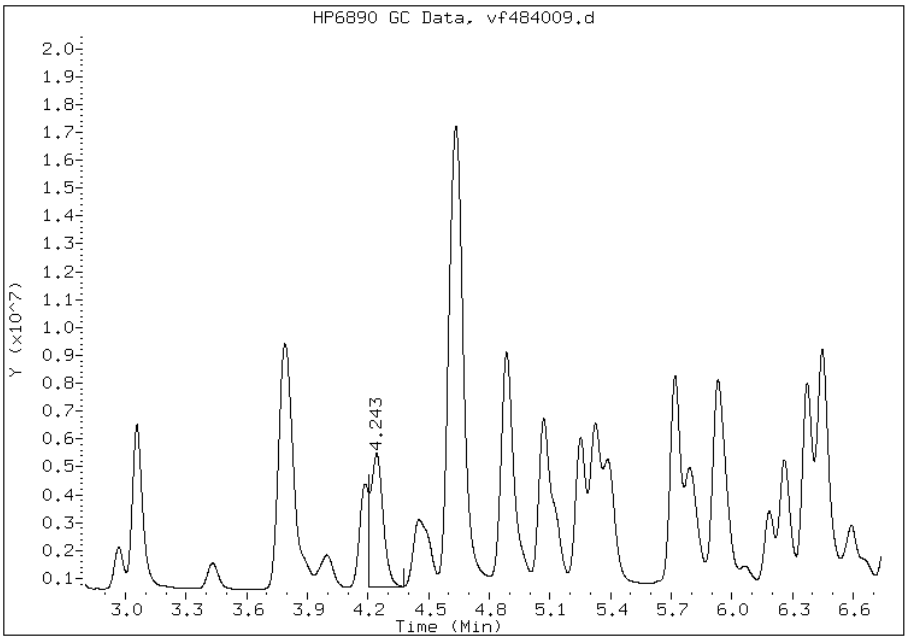
Manual Integration Results

RT: 4.24

Response: 19731810

Amount: 2309.06

Conc: 77000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: vf484009.d
Inj. Date and Time: 19-MAR-2013 17:32
Instrument ID: PESTGC9.i
Client ID: PMP-13-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

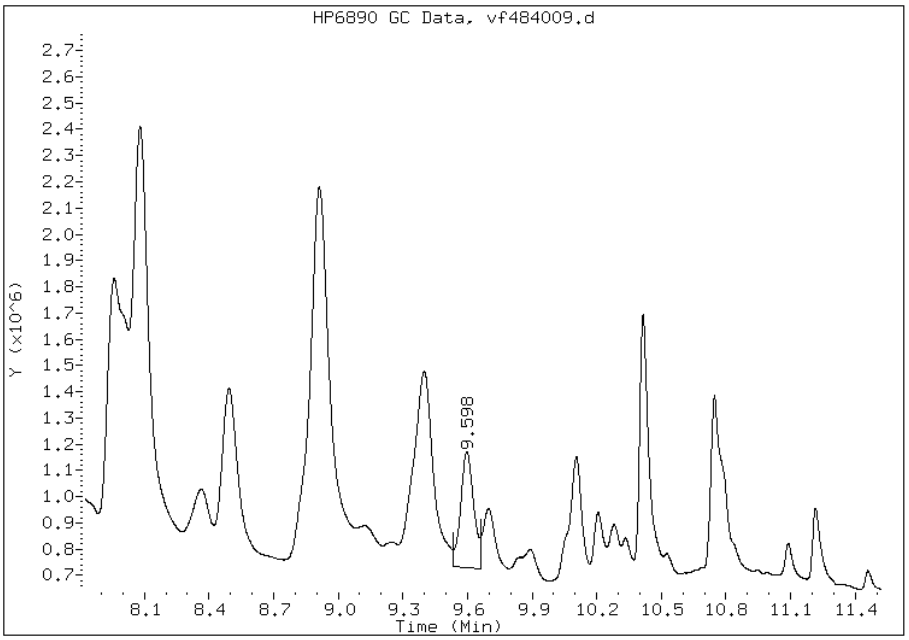
Processing Integration Results

RT: 9.60

Response: 1863927

Amount: 81.08

Conc: 2700.00



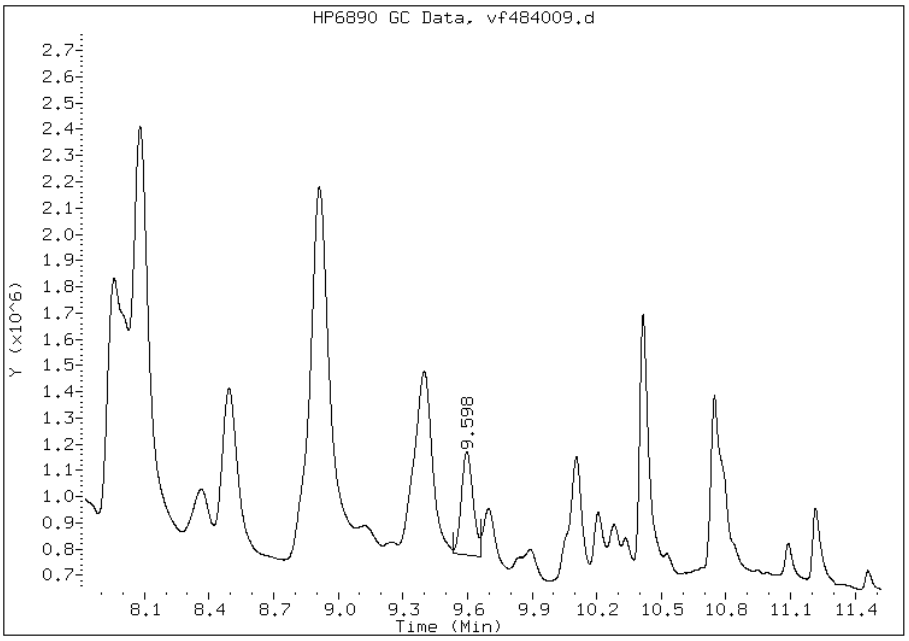
Manual Integration Results

RT: 9.60

Response: 1492698

Amount: 72.02

Conc: 2400.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT Lab Sample ID: 460-52450-31

Matrix: Solid Lab File ID: vr484009.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:40

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 17:32

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	840	U	3800	840
11104-28-2	Aroclor 1221	840	U	3800	840
11141-16-5	Aroclor 1232	840	U	3800	840
12672-29-6	Aroclor 1248	840	U	3800	840
11097-69-1	Aroclor 1254	1100	U	3800	1100
37324-23-5	Aroclor 1262	1100	U	3800	1100
11100-14-4	Aroclor 1268	1100	U	3800	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

Data File: vr484009.d
Report Date: 19-Mar-2013 12:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13d.b/vr484009.d
Lab Smp Id: 460-52450-F-31-A Client Smp ID: PMP-13-NE-WT
Inj Date : 19-MAR-2013 17:32
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-31-A
Misc Info : 460-52450-F-31-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13d.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 81
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.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	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.074	2.089	-0.015	27968632	1922.59	64000	80.00- 120.00	100.00(MH)
2.519	2.531	-0.012	51869009	2269.02	76000	125.71- 188.57	185.45
2.769	2.781	-0.012	38644764	2292.06	76000	92.72- 139.08	138.17
3.119	3.133	-0.014	113391642	2231.64	74000	279.42- 419.14	405.42
3.321	3.335	-0.014	43925305	2405.52	80000	100.42- 150.63	157.05
3.679	3.693	-0.014	42826551	2212.19	74000	106.46- 159.69	153.12
4.038	4.053	-0.015	44198532	2376.00	79000	102.30- 153.45	158.03
5.121	5.135	-0.014	29668624	2395.78	80000	68.10- 102.15	106.08
Average of Peak Concentrations =					75000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.075	6.086	-0.011	0			80.00- 120.00	0.00(M)

Data File: vr484009.d
Report Date: 19-Mar-2013 12:39

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.527	6.538	-0.011	0			149.24- 223.85	0.00
6.975	6.985	-0.010	0			129.35- 194.03	0.00
7.174	7.187	-0.013	2081940	60.8631	2000	71.80- 107.70	0.00
7.618	7.630	-0.012	1731821	59.3442	2000	60.06- 90.09	0.00
8.919	8.934	-0.015	1718147	49.2699	1600	62.13- 93.19	0.00
9.139	9.158	-0.019	1823389	74.5882	2500	43.53- 65.29	0.00
10.170	10.172	-0.002	1062259	60.9228	2000	29.68- 44.53	0.00
Average of Peak Concentrations =					2000		

QC Flag Legend

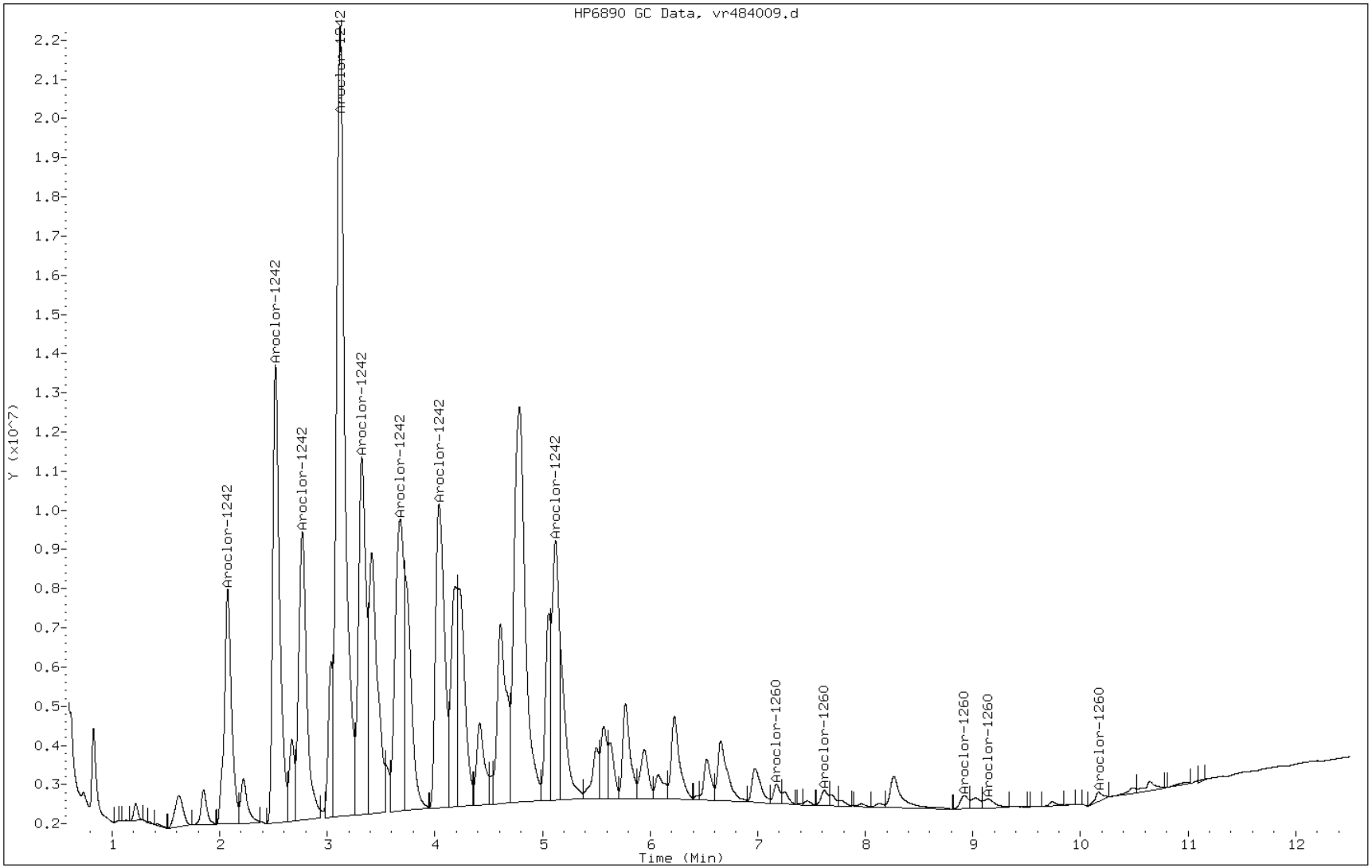
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vr484009.d

Date: 19-MAR-2013 17:32

Client ID: PMP-13-NE-WT Instrument: PESTGC9.i

Sample Info: 460-52450-F-31-A Operator:



Manual Integration Report

Data File: vr484009.d
Inj. Date and Time: 19-MAR-2013 17:32
Instrument ID: PESTGC9.i
Client ID: PMP-13-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

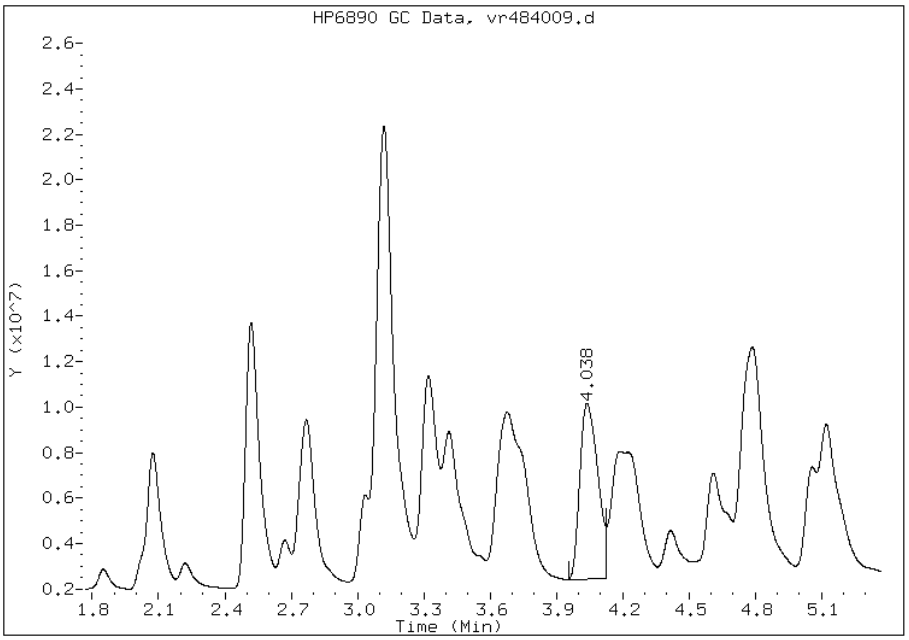
Processing Integration Results

RT: 4.04

Response: 44066553

Amount: 2256.60

Conc: 75000.00



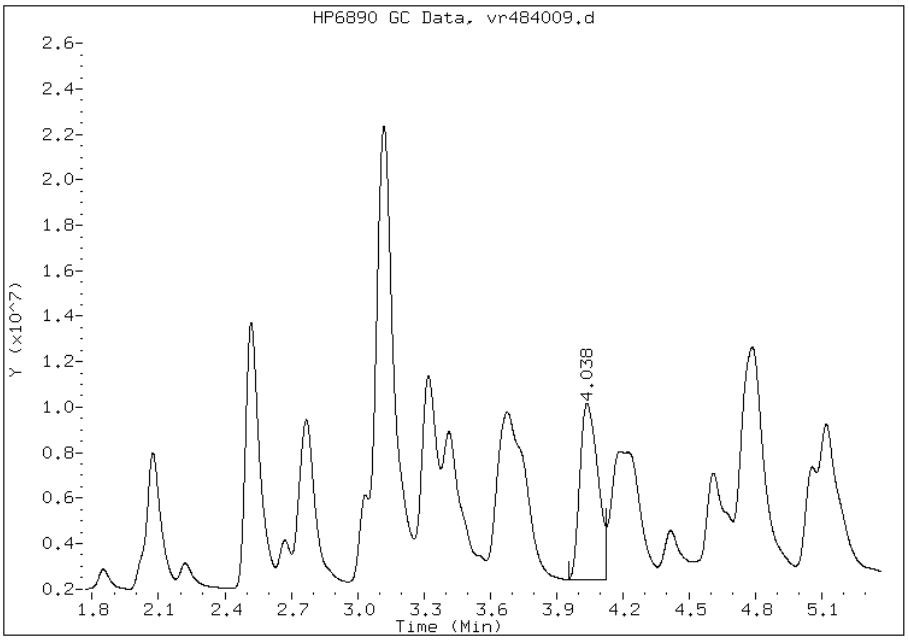
Manual Integration Results

RT: 4.04

Response: 44198532

Amount: 2263.10

Conc: 75000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: vr484009.d
Inj. Date and Time: 19-MAR-2013 17:32
Instrument ID: PESTGC9.i
Client ID: PMP-13-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

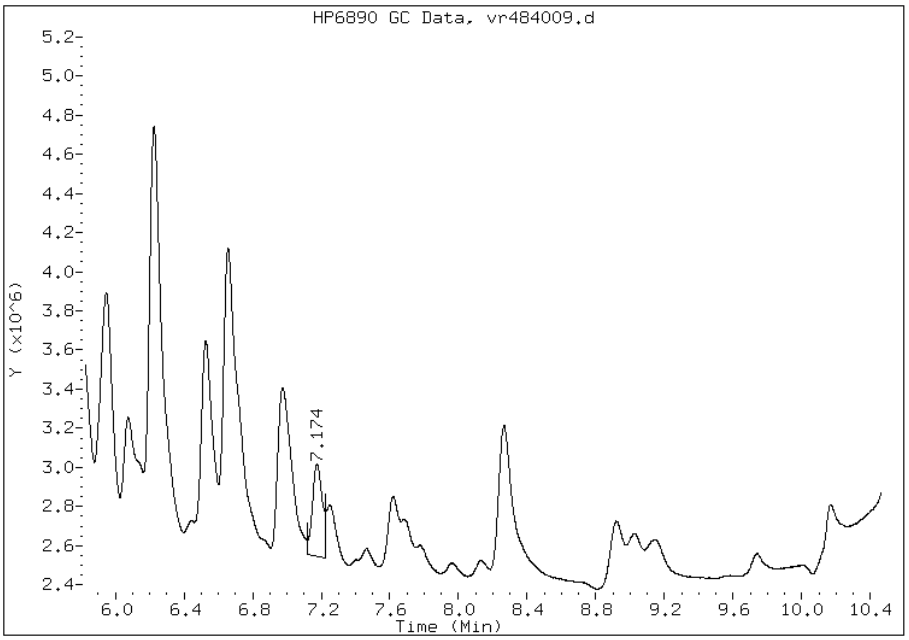
Processing Integration Results

RT: 7.17

Response: 1897895

Amount: 55.48

Conc: 1800.00



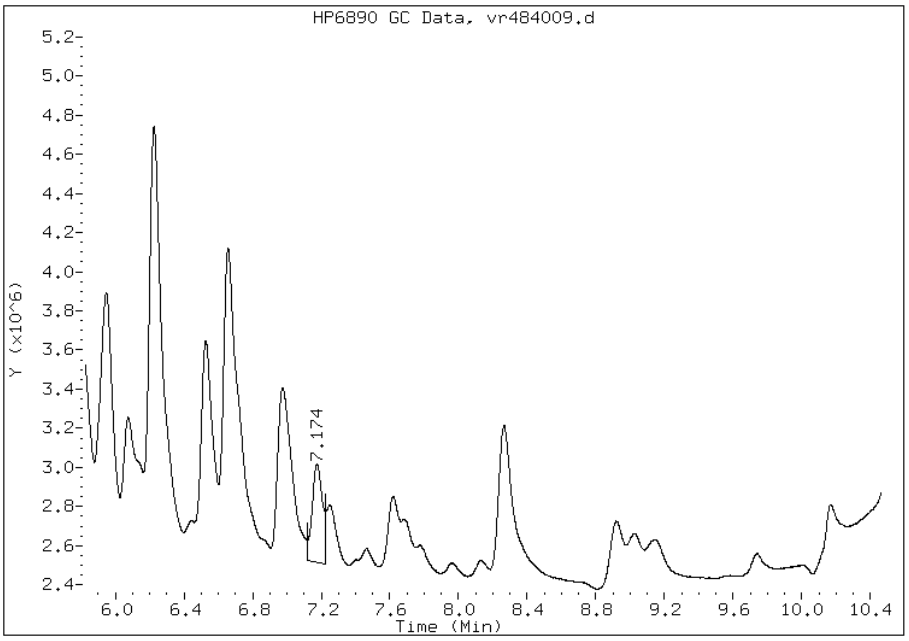
Manual Integration Results

RT: 7.17

Response: 2081940

Amount: 61.00

Conc: 2000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI Lab Sample ID: 460-52450-32

Matrix: Solid Lab File ID: vf483960.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:45

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 16:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	270		79	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		45-138

Data File: vf483960.d
Report Date: 19-Mar-2013 02:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483960.d
Lab Smp Id: 460-52450-F-32-A Client Smp ID: PMP-13-NE-SI
Inj Date : 18-MAR-2013 16:20
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-32-A
Misc Info : 460-52450-F-32-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 34
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

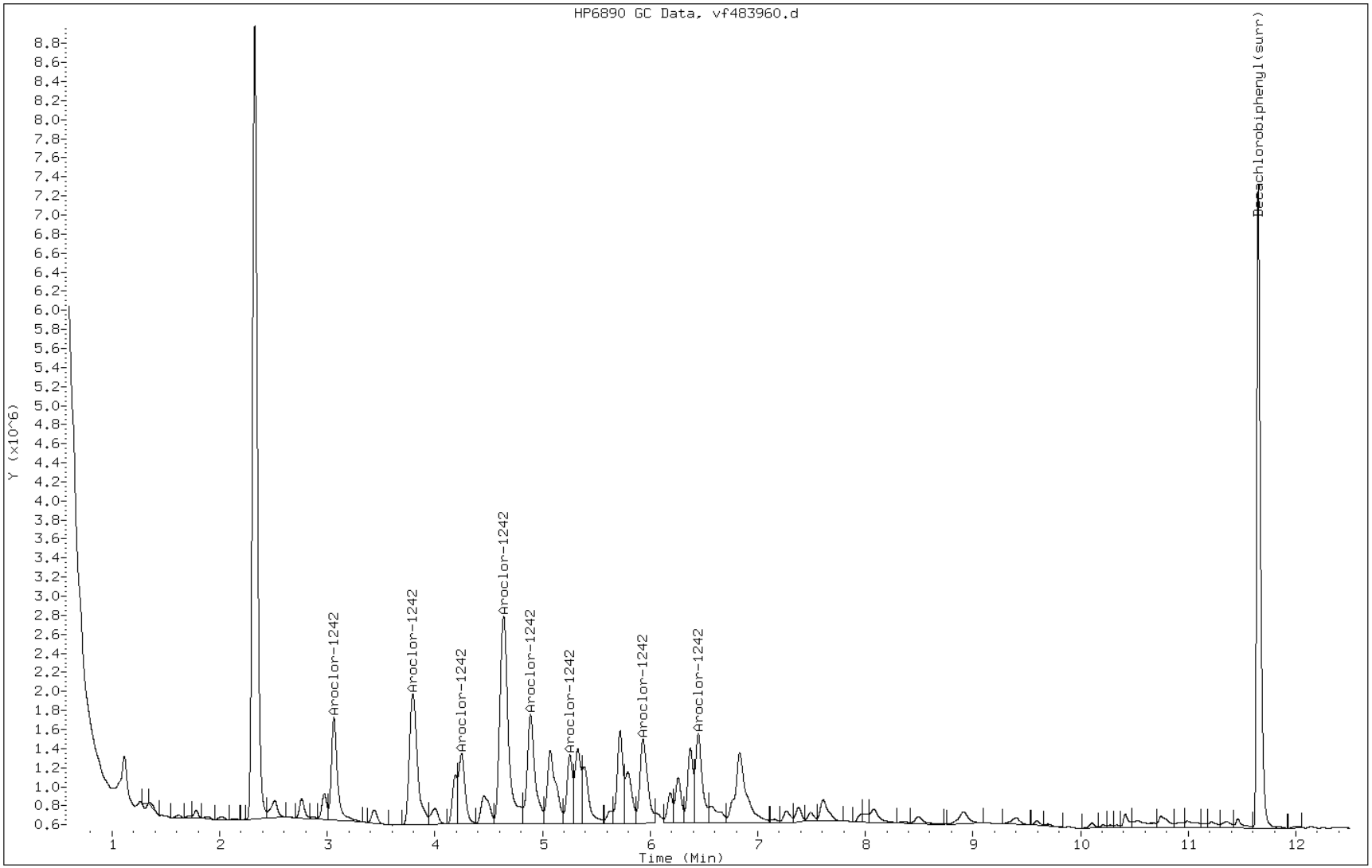
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.062	3.068	-0.006	4267239	386.421	260	80.00- 120.00	100.00
3.795	3.804	-0.009	7200334	367.120	240	142.09- 213.13	168.74
4.248	4.256	-0.008	3120574	366.323	240	61.71- 92.57	73.13
4.639	4.647	-0.008	12136497	343.666	230	255.84- 383.75	284.41
4.889	4.897	-0.008	5812864	357.451	240	117.81- 176.71	136.22
5.255	5.263	-0.008	2612049	323.151	220	58.56- 87.84	61.21
5.934	5.942	-0.008	4394705	315.791	210	100.82- 151.23	102.99
6.448	6.456	-0.008	4172116	290.028	190	104.21- 156.32	97.77
Average of Peak Concentrations =					230		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.650	11.650	0.000	16584450	51.6272	34	80.00- 120.00	100.00

Data File: vf483960.d

Date: 18-MAR-2013 16:20

Client ID: PMP-13-NE-SI Instrument: PESTGC9.i

Sample Info: 460-52450-F-32-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI Lab Sample ID: 460-52450-32

Matrix: Solid Lab File ID: vr483960.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:45

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 16:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	79	18
11104-28-2	Aroclor 1221	18	U	79	18
11141-16-5	Aroclor 1232	18	U	79	18
12672-29-6	Aroclor 1248	18	U	79	18
11097-69-1	Aroclor 1254	22	U	79	22
11096-82-5	Aroclor 1260	22	U	79	22
37324-23-5	Aroclor 1262	22	U	79	22
11100-14-4	Aroclor 1268	22	U	79	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483960.d
Lab Smp Id: 460-52450-F-32-A Client Smp ID: PMP-13-NE-SI
Inj Date : 18-MAR-2013 16:20
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-32-A
Misc Info : 460-52450-F-32-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 34
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

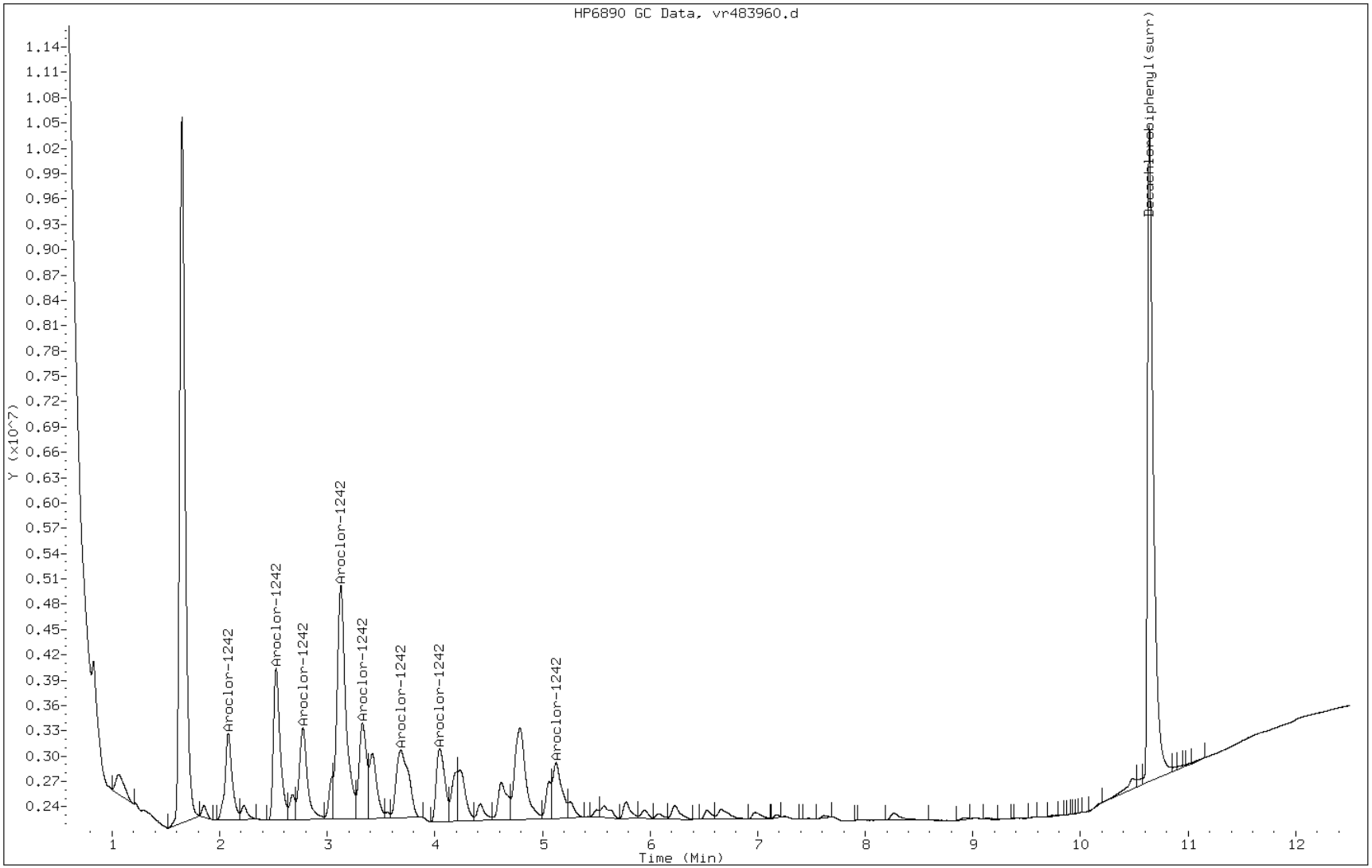
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.080	2.089	-0.009	4707794	323.619	220	80.00- 120.00	100.00
2.525	2.531	-0.006	7905135	345.811	230	125.71- 188.57	167.92
2.775	2.781	-0.006	5700142	338.081	220	92.72- 139.08	121.08
3.127	3.133	-0.006	15929529	313.506	210	279.42- 419.14	338.37
3.328	3.335	-0.007	5477615	299.976	200	100.42- 150.63	116.35
3.684	3.693	-0.009	6413253	331.275	220	106.46- 159.69	136.23
4.043	4.053	-0.010	4797362	257.893	170	102.30- 153.45	101.90
5.127	5.135	-0.008	3912353	315.927	210	68.10- 102.15	83.10
Average of Peak Concentrations =					210		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.640	10.642	-0.002	29500491	55.2447	37	80.00- 120.00	100.00

Data File: vr483960.d

Date: 18-MAR-2013 16:20

Client ID: PMP-13-NE-SI Instrument: PESTGC9.i

Sample Info: 460-52450-F-32-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD Lab Sample ID: 460-52450-33

Matrix: Solid Lab File ID: vf483961.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:50

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 16:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	53	J	82	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

Data File: vf483961.d
Report Date: 19-Mar-2013 02:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483961.d
Lab Smp Id: 460-52450-F-33-A Client Smp ID: PMP-13-NE-SD
Inj Date : 18-MAR-2013 16:36
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-33-A
Misc Info : 460-52450-F-33-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

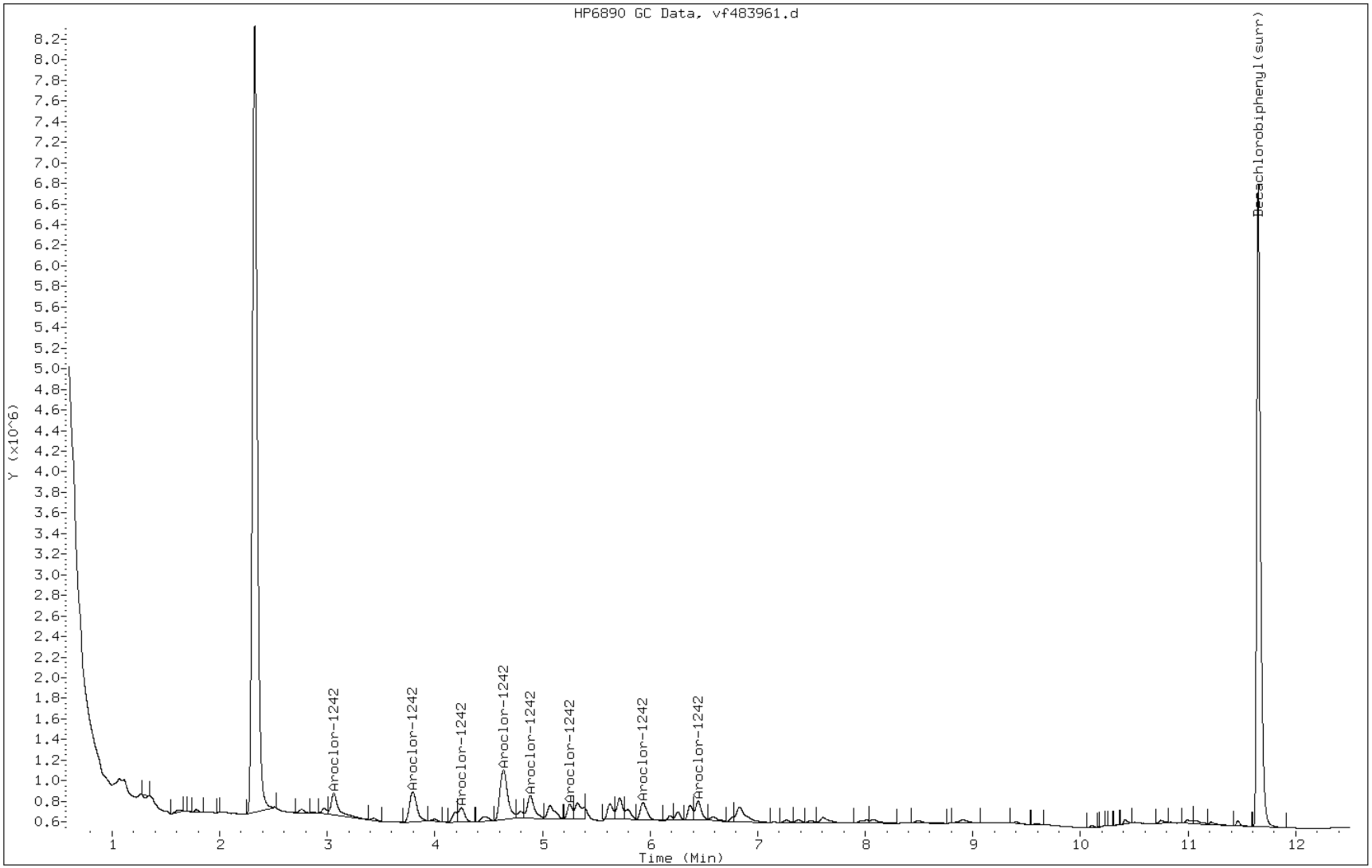
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.061	3.068	-0.007	1015022	91.9157	61	80.00- 120.00	100.00
3.796	3.804	-0.008	1368082	69.7538	46	142.09- 213.13	134.78
4.248	4.256	-0.008	573866	67.3660	45	61.71- 92.57	56.54
4.639	4.647	-0.008	2439723	69.0850	46	255.84- 383.75	240.36
4.887	4.897	-0.010	1008915	62.0414	41	117.81- 176.71	99.40
5.255	5.263	-0.008	450977	55.7928	37	58.56- 87.84	44.43
5.932	5.942	-0.010	646419	46.4499	31	100.82- 151.23	63.69
6.447	6.456	-0.009	725517	50.4349	34	104.21- 156.32	71.48
Average of Peak Concentrations =					43		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.652	11.650	0.002	15293694	47.6091	32	80.00- 120.00	100.00

Data File: vf483961.d

Date: 18-MAR-2013 16:36

Client ID: PMP-13-NE-SD Instrument: PESTGC9.i

Sample Info: 460-52450-F-33-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD Lab Sample ID: 460-52450-33

Matrix: Solid Lab File ID: vr483961.d

Analysis Method: 8082 Date Collected: 03/14/2013 15:50

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 16:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	23	U	82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483961.d
Lab Smp Id: 460-52450-F-33-A Client Smp ID: PMP-13-NE-SD
Inj Date : 18-MAR-2013 16:36
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-33-A
Misc Info : 460-52450-F-33-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.080	2.089	-0.009	755892	51.9608	34	80.00- 120.00	100.00(M)
2.525	2.531	-0.006	1579068	69.0765	46	125.71- 188.57	208.90
2.775	2.781	-0.006	910449	53.9997	36	92.72- 139.08	120.45
3.125	3.133	-0.008	3872393	76.2119	51	279.42- 419.14	512.29
3.323	3.335	-0.012	1031759	56.5031	38	100.42- 150.63	136.50
3.682	3.693	-0.011	1247286	64.4282	43	106.46- 159.69	165.01
4.045	4.053	-0.008	889671	47.8264	32	102.30- 153.45	117.70
5.127	5.135	-0.008	699119	56.4547	38	68.10- 102.15	92.49
		Average of Peak Concentrations =			40		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.639	10.642	-0.003	27775132	52.0136	34	80.00- 120.00	100.00

QC Flag Legend

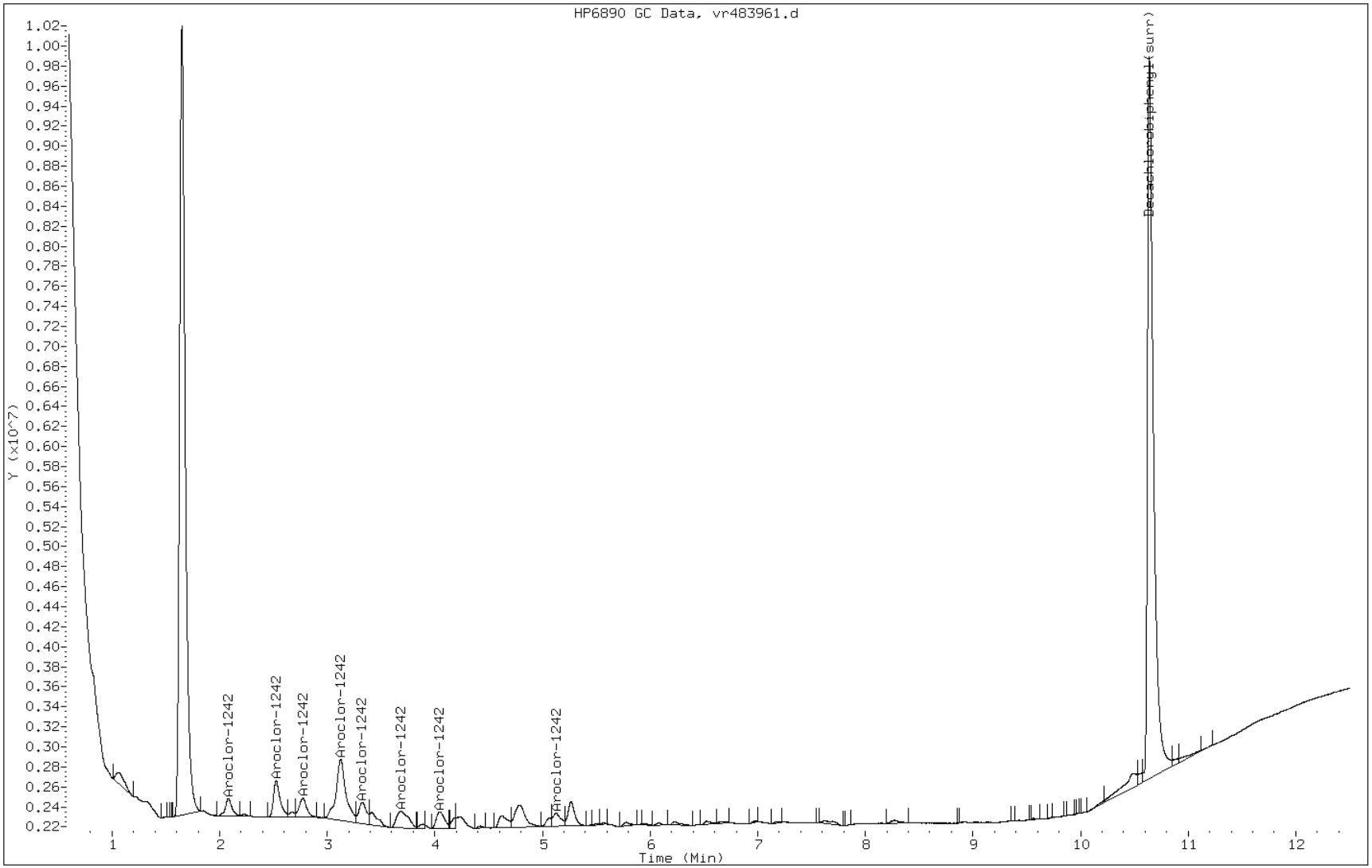
M - Compound response manually integrated.

Data File: vr483961.d

Date: 18-MAR-2013 16:36

Client ID: PMP-13-NE-SD Instrument: PESTGC9.i

Sample Info: 460-52450-F-33-A Operator:



Manual Integration Report

Data File: vr483961.d
Inj. Date and Time: 18-MAR-2013 16:36
Instrument ID: PESTGC9.i
Client ID: PMP-13-NE-SD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

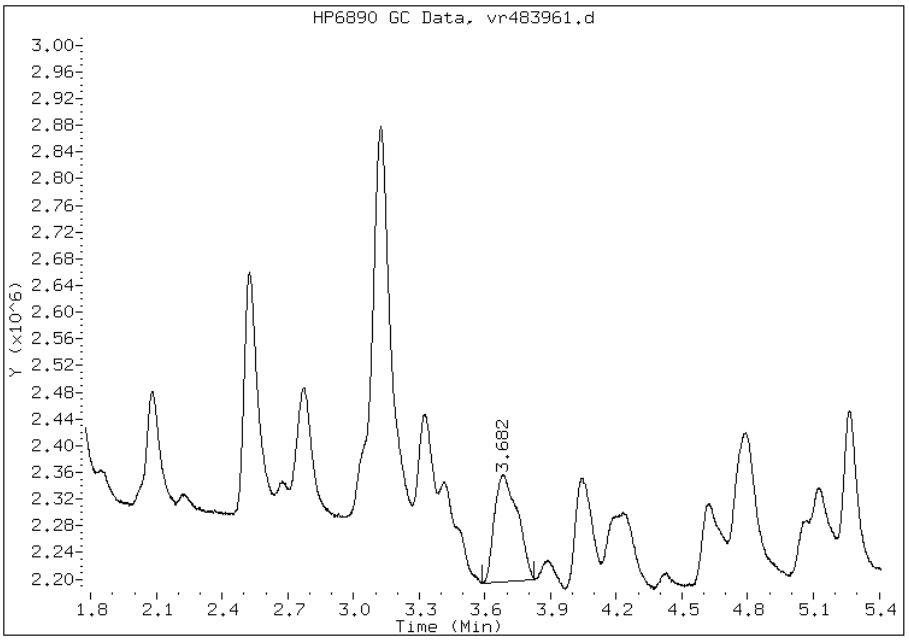
Processing Integration Results

RT: 3.68

Response: 1176720

Amount: 57.83

Conc: 38.00



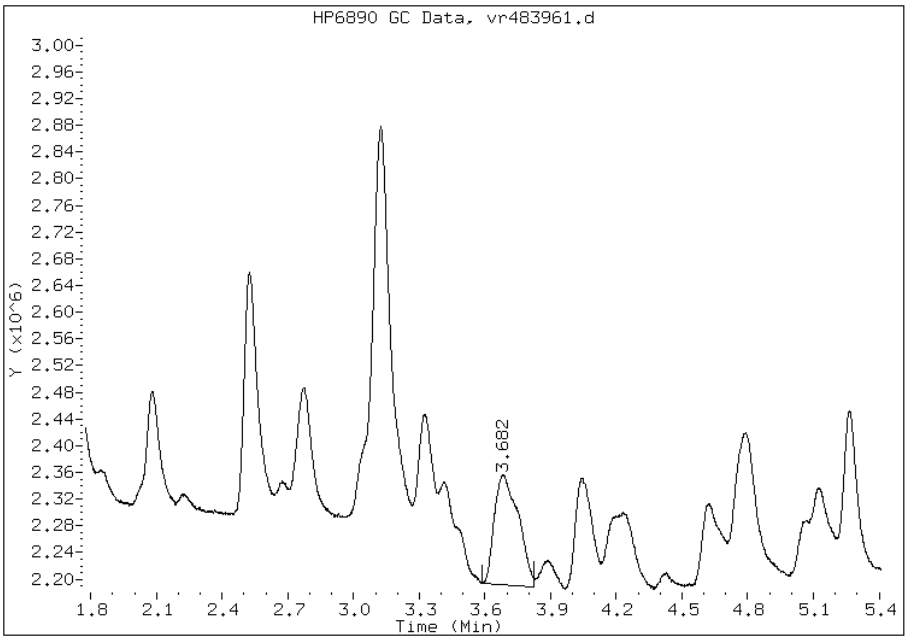
Manual Integration Results

RT: 3.68

Response: 1247286

Amount: 59.56

Conc: 40.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD Lab Sample ID: 460-52450-34

Matrix: Solid Lab File ID: vf483962.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:15

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 16:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	48	J	71	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		45-138

Data File: vf483962.d
Report Date: 19-Mar-2013 02:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483962.d
Lab Smp Id: 460-52450-F-34-A Client Smp ID: PMP-16-NE-VD
Inj Date : 18-MAR-2013 16:52
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-34-A
Misc Info : 460-52450-F-34-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.03000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

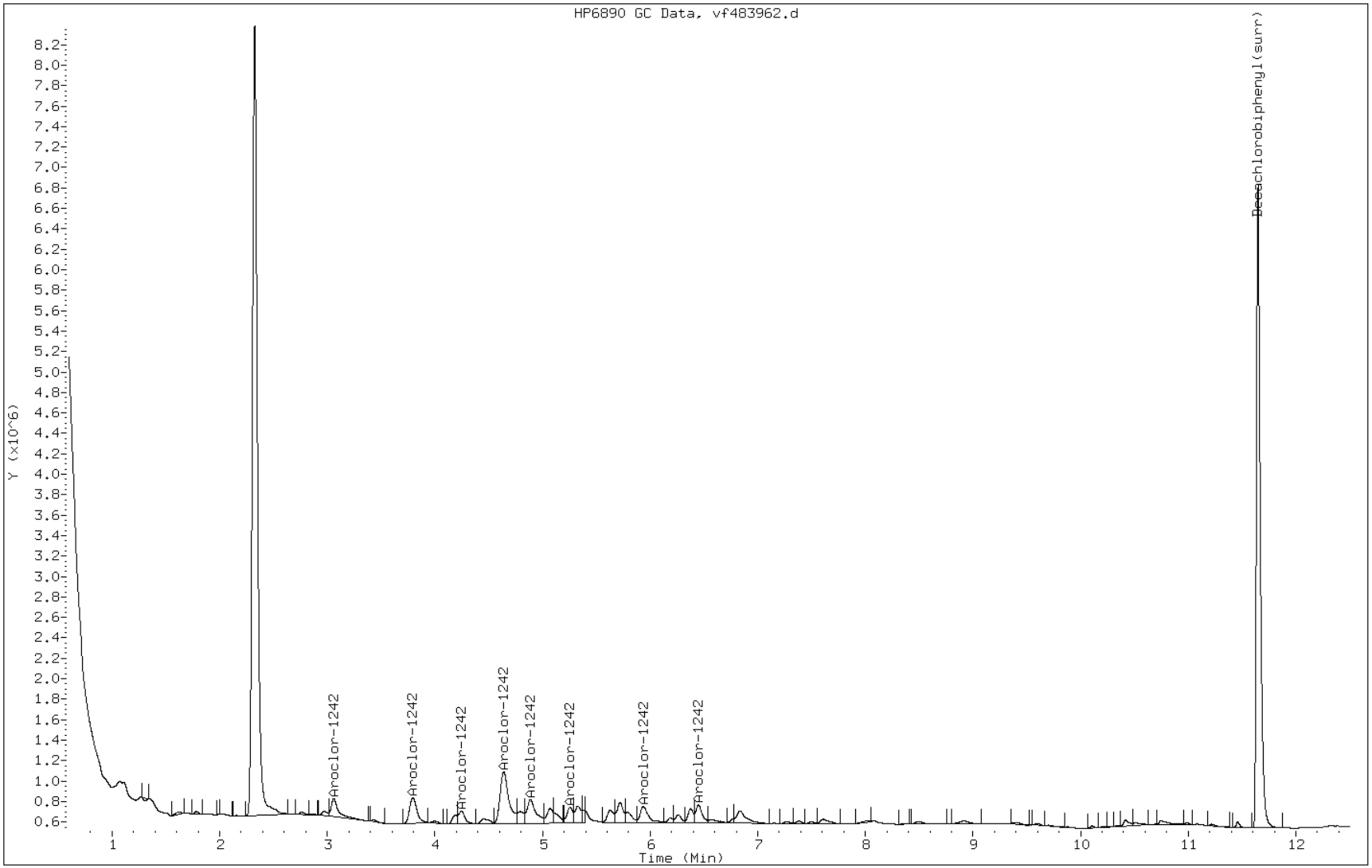
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.061	3.068	-0.007	858689	77.7589	52	80.00- 120.00	100.00
3.794	3.804	-0.010	1185694	60.4544	40	142.09- 213.13	138.08
4.246	4.256	-0.010	500803	58.7892	39	61.71- 92.57	58.32
4.638	4.647	-0.009	2840868	80.4441	54	255.84- 383.75	330.84
4.888	4.897	-0.009	1371380	84.3305	56	117.81- 176.71	159.71
5.255	5.263	-0.008	583627	72.2037	48	58.56- 87.84	67.97
5.935	5.942	-0.007	860257	61.8157	41	100.82- 151.23	100.18
6.448	6.456	-0.008	728935	50.6725	34	104.21- 156.32	84.89
Average of Peak Concentrations =					45		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.648	11.650	-0.002	15624805	48.6398	32	80.00- 120.00	100.00

Data File: vf483962.d

Date: 18-MAR-2013 16:52

Client ID: PMP-16-NE-VD Instrument: PESTGC9.i

Sample Info: 460-52450-F-34-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD Lab Sample ID: 460-52450-34

Matrix: Solid Lab File ID: vr483962.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:15

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 16:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483962.d
Lab Smp Id: 460-52450-F-34-A Client Smp ID: PMP-16-NE-VD
Inj Date : 18-MAR-2013 16:52
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-34-A
Misc Info : 460-52450-F-34-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.03000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.083	2.089	-0.006	574333	39.4802	26	80.00- 120.00	100.00
2.523	2.531	-0.008	1370655	59.9595	40	125.71- 188.57	238.65
2.773	2.781	-0.008	782942	46.4371	31	92.72- 139.08	136.32
3.125	3.133	-0.008	3812016	75.0236	50	279.42- 419.14	663.73
3.326	3.335	-0.009	967887	53.0053	35	100.42- 150.63	168.52
3.683	3.693	-0.010	1109112	57.2908	38	106.46- 159.69	193.11
4.042	4.053	-0.011	757536	40.7231	27	102.30- 153.45	131.90
5.130	5.135	-0.005	617773	49.8859	33	68.10- 102.15	107.56
Average of Peak Concentrations =					35		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.641	10.642	-0.001	27122614	50.7917	34	80.00- 120.00	100.00(M)

QC Flag Legend

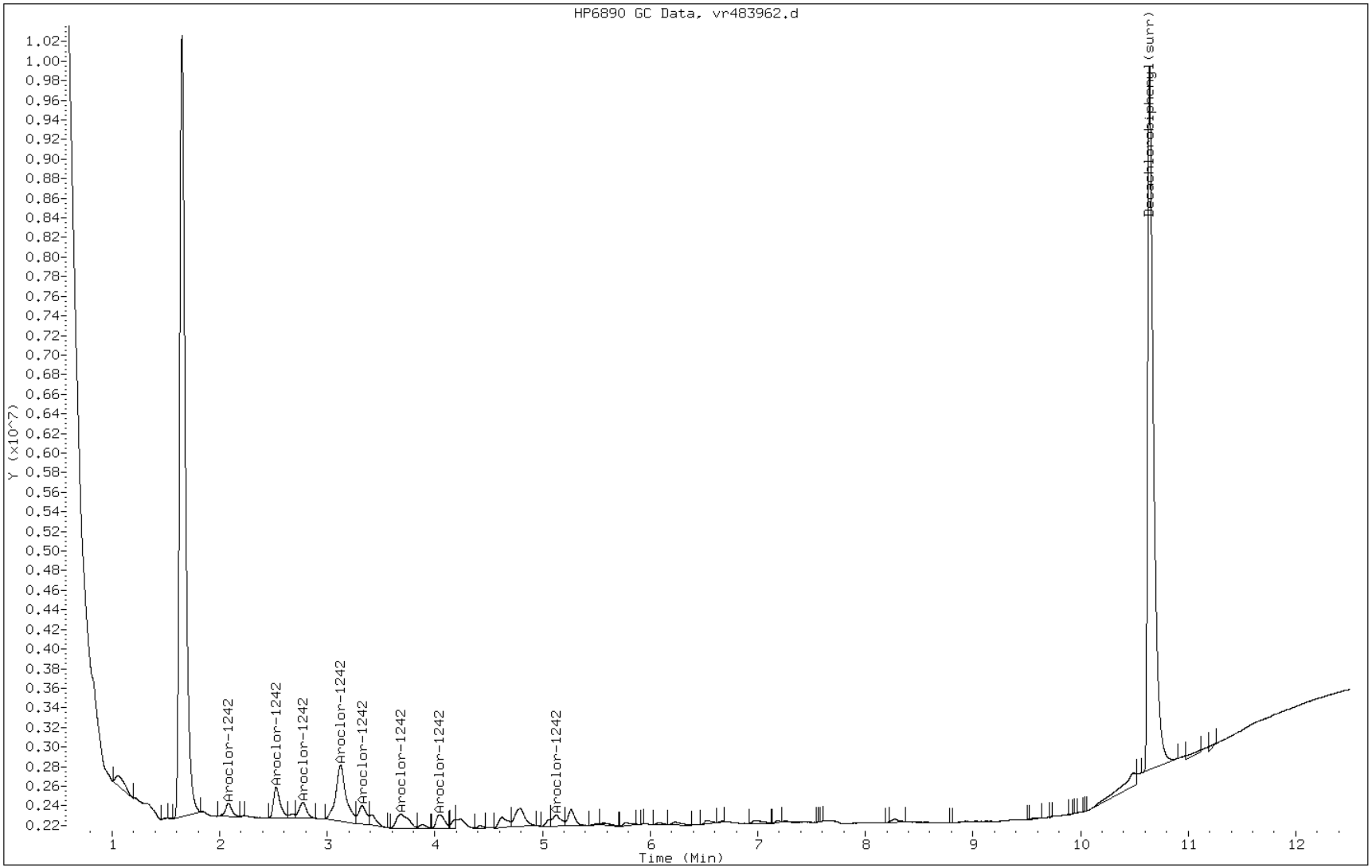
M - Compound response manually integrated.

Data File: vr483962.d

Date: 18-MAR-2013 16:52

Client ID: PMP-16-NE-VD Instrument: PESTGC9.i

Sample Info: 460-52450-F-34-A Operator:



Manual Integration Report

Data File: vr483962.d
Inj. Date and Time: 18-MAR-2013 16:52
Instrument ID: PESTGC9.i
Client ID: PMP-16-NE-VD
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 10.64

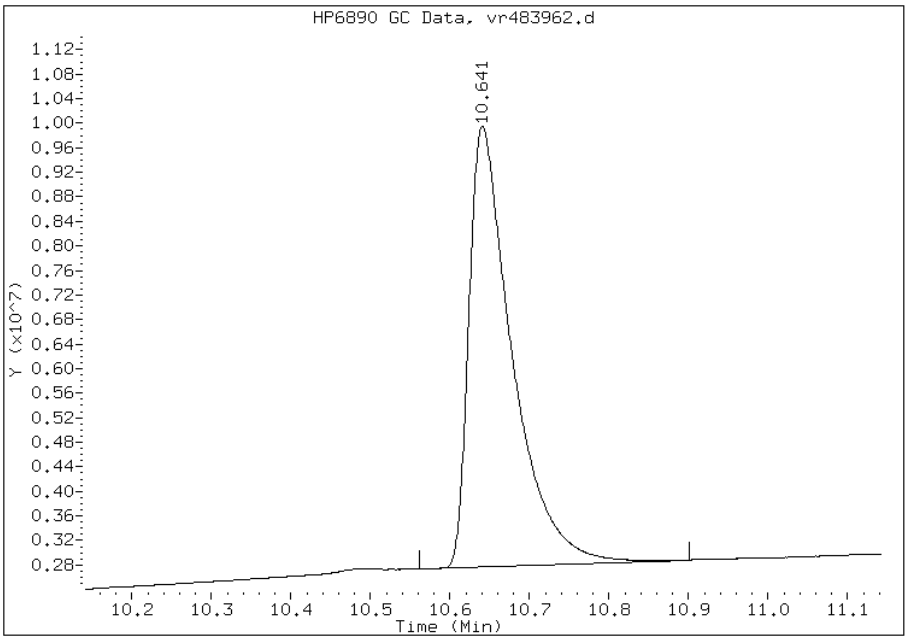
Manual Integration Results

RT: 10.64

Response: 27122614

Amount: 50.79

Conc: 33.79



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT Lab Sample ID: 460-52450-35

Matrix: Solid Lab File ID: vf484031.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:20

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 12:24

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151867 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	18000		1500	340
11096-82-5	Aroclor 1260	2300		1500	430

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

Data File: vf484031.d
Report Date: 20-Mar-2013 10:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-19-13/19mar13a.b/vf484031.d
Lab Smp Id: 460-52450-F-35-A Client Smp ID: PMP-16-NE-WT
Inj Date : 19-MAR-2013 12:24
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-35-A
Misc Info : 460-52450-F-35-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-19-13/19mar13a.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 10
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.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	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.59930	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.058	3.068	-0.010	11294613	1022.79	15000	80.00- 120.00	100.00
3.790	3.804	-0.014	23225804	1184.20	18000	142.09- 213.13	205.64
4.244	4.256	-0.012	9581739	1124.80	17000	61.71- 92.57	84.83
4.638	4.647	-0.009	40176600	1137.67	17000	255.84- 383.75	355.71
4.887	4.897	-0.010	18952090	1165.42	18000	117.81- 176.71	167.80
5.253	5.263	-0.010	9820289	1214.92	18000	58.56- 87.84	86.95
5.932	5.942	-0.010	16908029	1214.96	18000	100.82- 151.23	149.70
6.448	6.456	-0.008	17790119	1236.69	19000	104.21- 156.32	157.51
Average of Peak Concentrations =					18000		
27 Aroclor-1260					CAS #: 11096-82-5		
8.011	8.024	-0.013	0			80.00- 120.00	0.00(M)

Data File: vf484031.d
Report Date: 20-Mar-2013 10:07

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.492	8.503	-0.011	5229669	156.158	2400	90.48- 135.71	88.31
9.395	9.407	-0.012	6760469	149.531	2200	129.01- 193.52	114.16
9.596	9.604	-0.008	3266051	164.111	2500	55.67- 83.51	55.15
9.699	9.708	-0.009	1752254	149.969	2300	33.98- 50.97	29.59
10.106	10.113	-0.007	3205904	158.529	2400	59.19- 88.79	54.14
10.746	10.751	-0.005	3191976	126.890	1900	74.73- 112.09	53.90
11.215	11.219	-0.004	1466841	153.493	2300	28.07- 42.10	24.77
			Average of Peak Concentrations =		2300		

QC Flag Legend

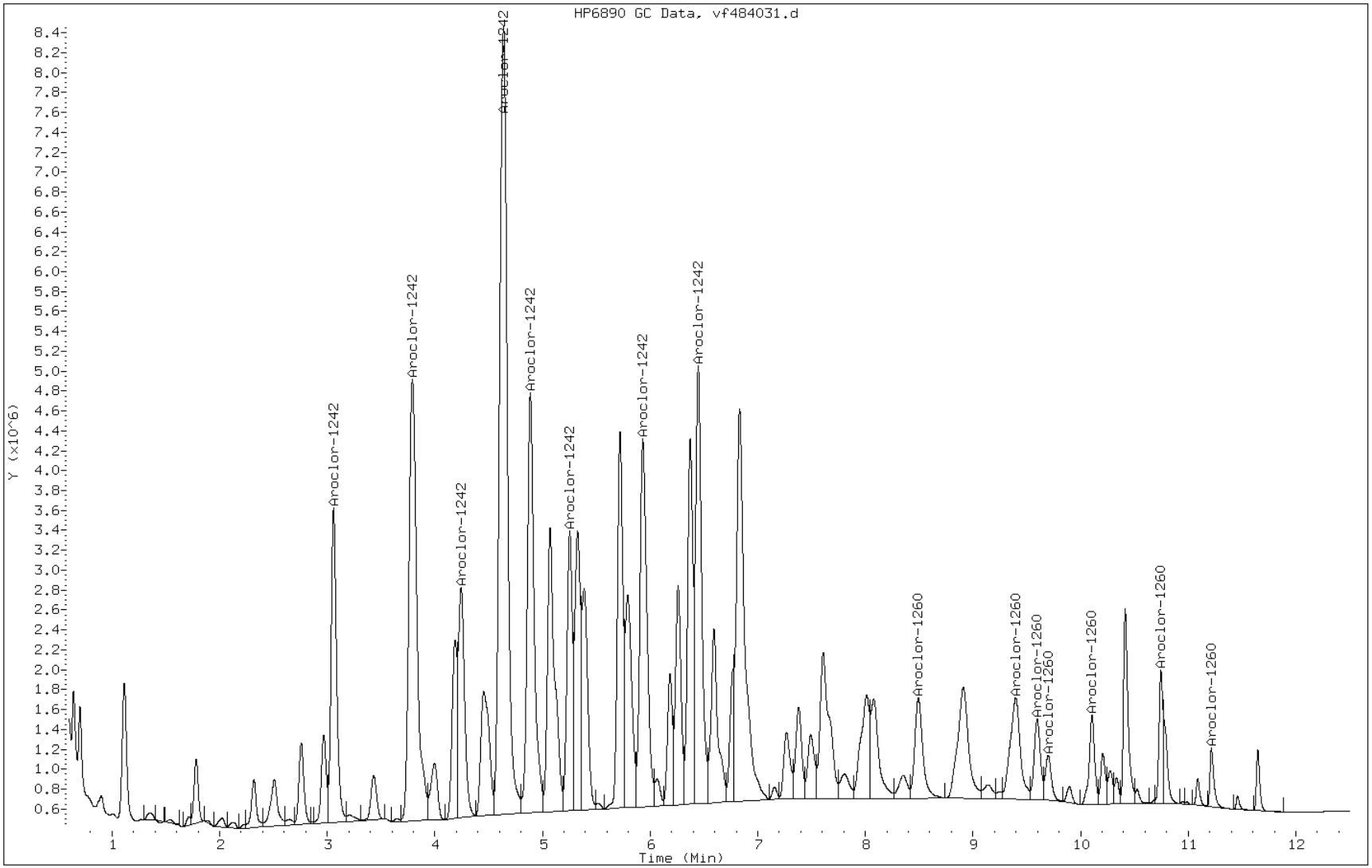
M - Compound response manually integrated.

Data File: vf484031.d

Date: 19-MAR-2013 12:24

Client ID: PMP-16-NE-WT Instrument: PESTGC9.i

Sample Info: 460-52450-F-35-A Operator:



Manual Integration Report

Data File: vf484031.d
Inj. Date and Time: 19-MAR-2013 12:24
Instrument ID: PESTGC9.i
Client ID: PMP-16-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 8.02

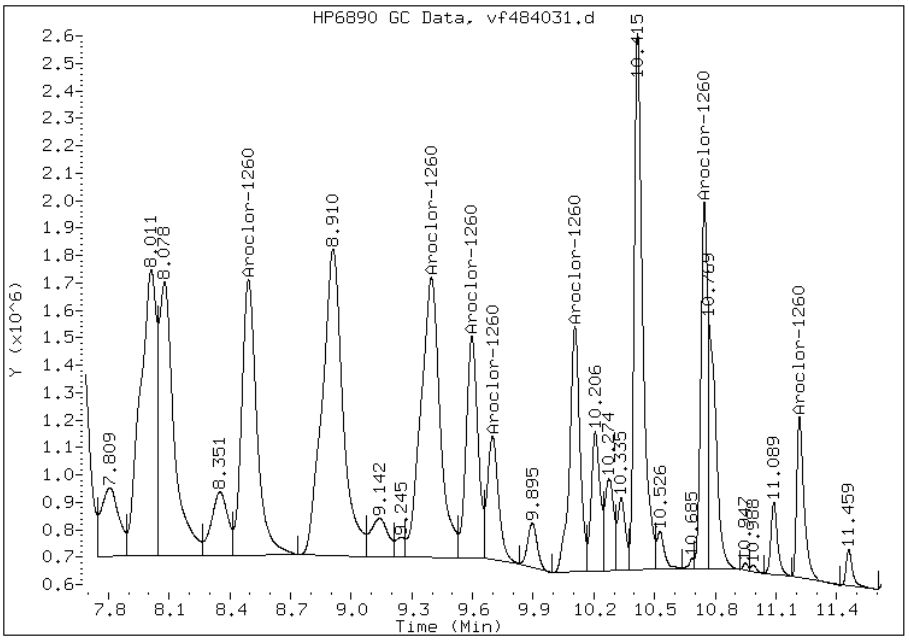
Manual Integration Results

RT: 8.01

Response: 0

Amount: 151.24

Conc: 2300.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT Lab Sample ID: 460-52450-35

Matrix: Solid Lab File ID: vr484031.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:20

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 12:24

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151867 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	340	U	1500	340
11104-28-2	Aroclor 1221	340	U	1500	340
11141-16-5	Aroclor 1232	340	U	1500	340
12672-29-6	Aroclor 1248	340	U	1500	340
11097-69-1	Aroclor 1254	430	U	1500	430
37324-23-5	Aroclor 1262	430	U	1500	430
11100-14-4	Aroclor 1268	430	U	1500	430

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-19-13/19mar13a.b/vr484031.d
Lab Smp Id: 460-52450-F-35-A Client Smp ID: PMP-16-NE-WT
Inj Date : 19-MAR-2013 12:24
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-35-A
Misc Info : 460-52450-F-35-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-19-13/19mar13a.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 10
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.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	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.59930	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.076	2.089	-0.013	14547600	1000.02	15000	80.00- 120.00	100.00(M)
2.520	2.531	-0.011	24018084	1050.67	16000	125.71- 188.57	165.10
2.769	2.781	-0.012	17408636	1032.52	16000	92.72- 139.08	119.67
3.121	3.133	-0.012	53990495	1062.58	16000	279.42- 419.14	371.13
3.323	3.335	-0.012	21924085	1200.65	18000	100.42- 150.63	150.71
3.678	3.693	-0.015	18810444	971.648	15000	106.46- 159.69	129.30
4.040	4.053	-0.013	21871819	1175.77	18000	102.30- 153.45	150.35
5.124	5.135	-0.011	16740413	1351.81	20000	68.10- 102.15	115.07
Average of Peak Concentrations =					17000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.076	6.086	-0.010	4936351	137.244	2100	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.529	6.538	-0.009	8523798	123.444	1900	149.24- 223.85	172.67
6.975	6.985	-0.010	7657426	122.636	1800	129.35- 194.03	155.12
7.177	7.187	-0.010	4390913	128.363	1900	71.80- 107.70	88.95
7.620	7.630	-0.010	3491220	119.633	1800	60.06- 90.09	70.72
8.920	8.934	-0.014	3663378	105.052	1600	62.13- 93.19	74.21
9.142	9.158	-0.016	3901197	159.584	2400	43.53- 65.29	79.03
10.169	10.172	-0.003	2191682	125.698	1900	29.68- 44.53	44.40
			Average of Peak Concentrations =		1900		

QC Flag Legend

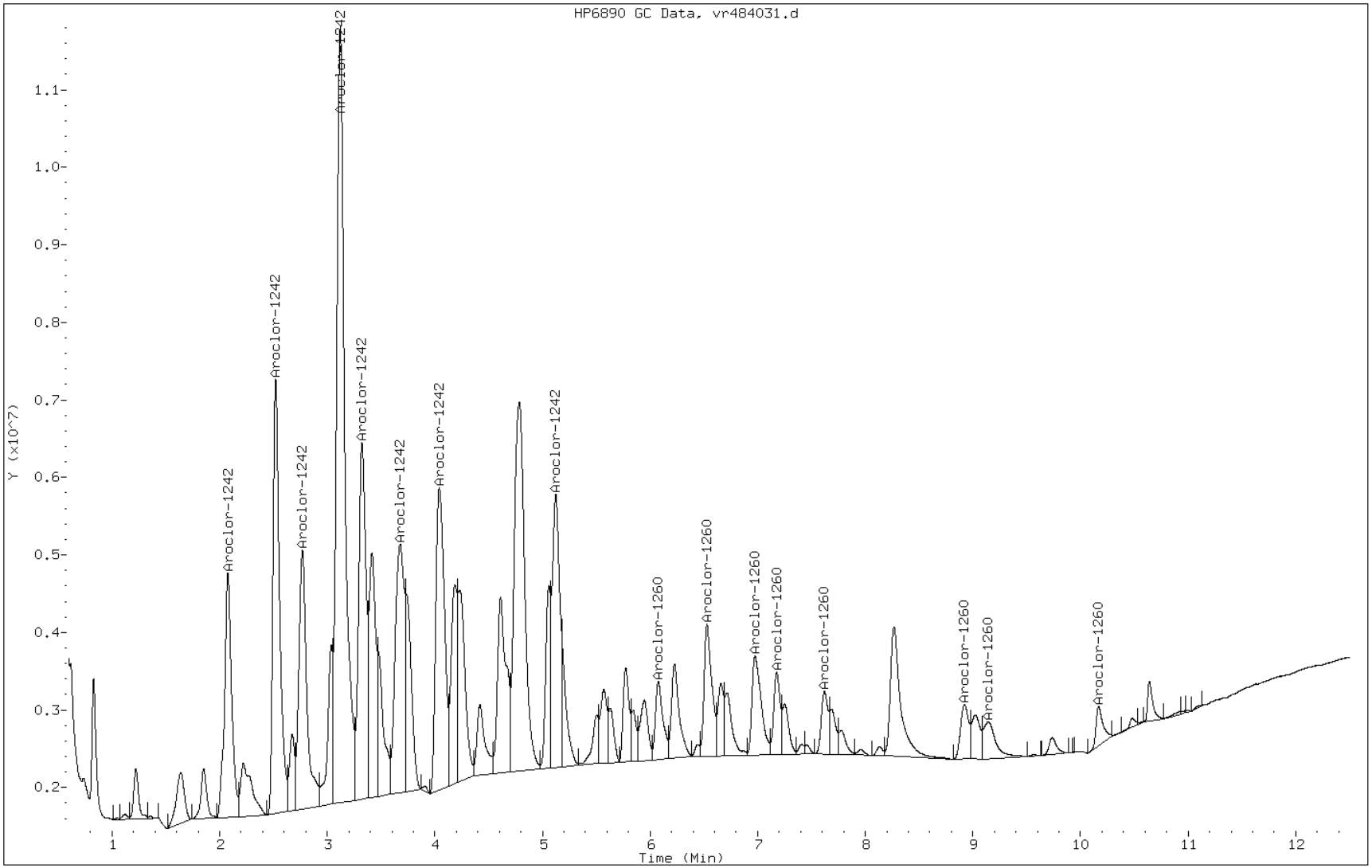
M - Compound response manually integrated.

Data File: vr484031.d

Date: 19-MAR-2013 12:24

Client ID: PMP-16-NE-WT Instrument: PESTGC9.i

Sample Info: 460-52450-F-35-A Operator:



Manual Integration Report

Data File: vr484031.d
Inj. Date and Time: 19-MAR-2013 12:24
Instrument ID: PESTGC9.i
Client ID: PMP-16-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 2.09

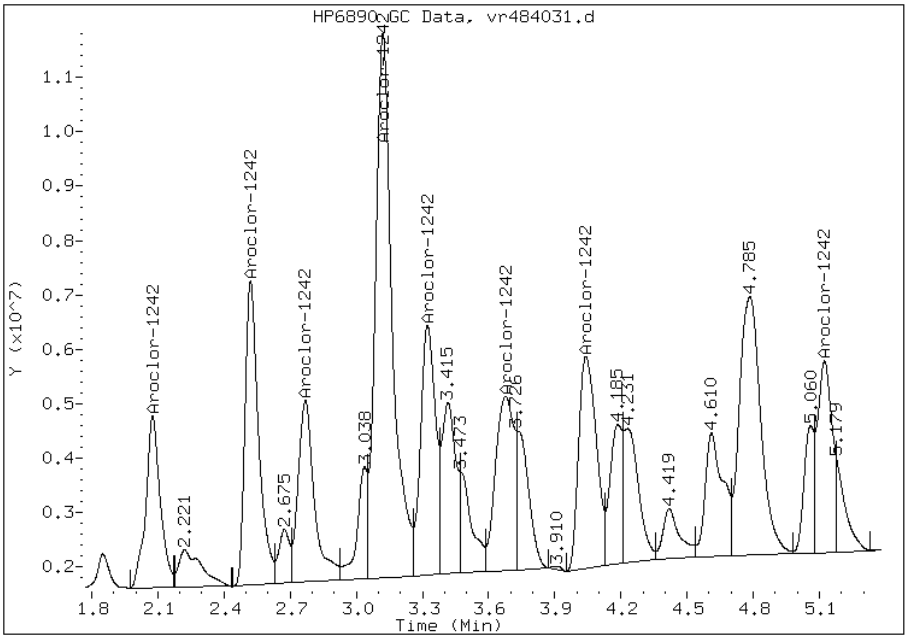
Manual Integration Results

RT: 2.08

Response: 14547600

Amount: 1105.71

Conc: 17000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI Lab Sample ID: 460-52450-36

Matrix: Solid Lab File ID: vf483964.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:25

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 17:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	270		78	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		45-138

Data File: vf483964.d
Report Date: 19-Mar-2013 02:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483964.d
Lab Smp Id: 460-52450-F-36-A Client Smp ID: PMP-16-NE-SI
Inj Date : 18-MAR-2013 17:24
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-36-A
Misc Info : 460-52450-F-36-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

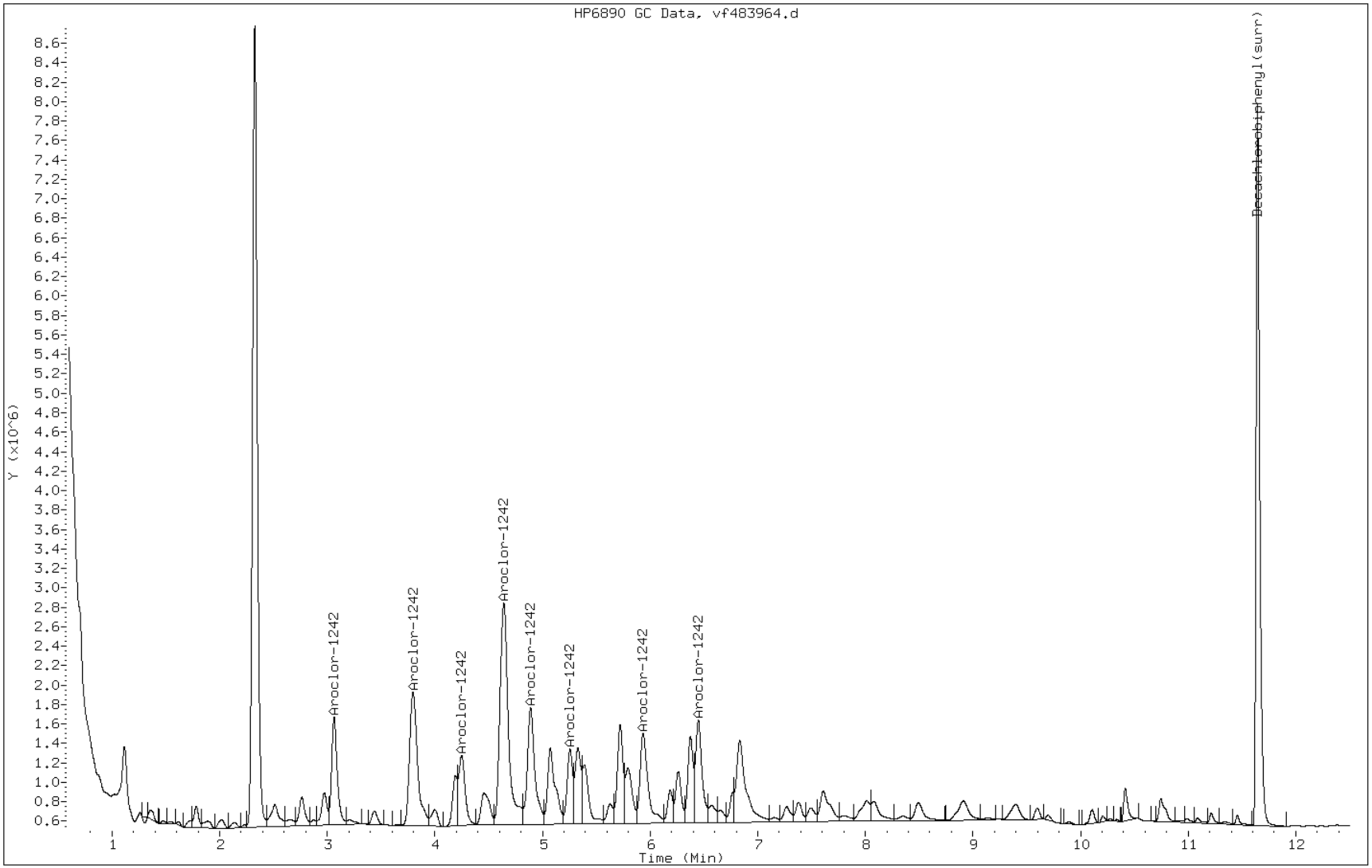
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.064	3.068	-0.004	4077091	369.202	240	80.00- 120.00	100.00
3.798	3.804	-0.006	7195951	366.897	240	142.09- 213.13	176.50
4.249	4.256	-0.007	3024107	354.999	240	61.71- 92.57	74.17
4.642	4.647	-0.005	12627218	357.562	240	255.84- 383.75	309.71
4.889	4.897	-0.008	5899171	362.759	240	117.81- 176.71	144.69
5.255	5.263	-0.008	2771365	342.861	230	58.56- 87.84	67.97
5.934	5.942	-0.008	4819660	346.327	230	100.82- 151.23	118.21
6.449	6.456	-0.007	4495813	312.530	210	104.21- 156.32	110.27
Average of Peak Concentrations =					230		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.644	11.650	-0.006	17581212	54.7301	36	80.00- 120.00	100.00

Data File: vf483964.d

Date: 18-MAR-2013 17:24

Client ID: PMP-16-NE-SI Instrument: PESTGC9.i

Sample Info: 460-52450-F-36-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI Lab Sample ID: 460-52450-36

Matrix: Solid Lab File ID: vr483964.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:25

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 17:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	78	17
11104-28-2	Aroclor 1221	17	U	78	17
11141-16-5	Aroclor 1232	17	U	78	17
12672-29-6	Aroclor 1248	17	U	78	17
11097-69-1	Aroclor 1254	22	U	78	22
11096-82-5	Aroclor 1260	22	U	78	22
37324-23-5	Aroclor 1262	22	U	78	22
11100-14-4	Aroclor 1268	22	U	78	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483964.d
Lab Smp Id: 460-52450-F-36-A Client Smp ID: PMP-16-NE-SI
Inj Date : 18-MAR-2013 17:24
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-36-A
Misc Info : 460-52450-F-36-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

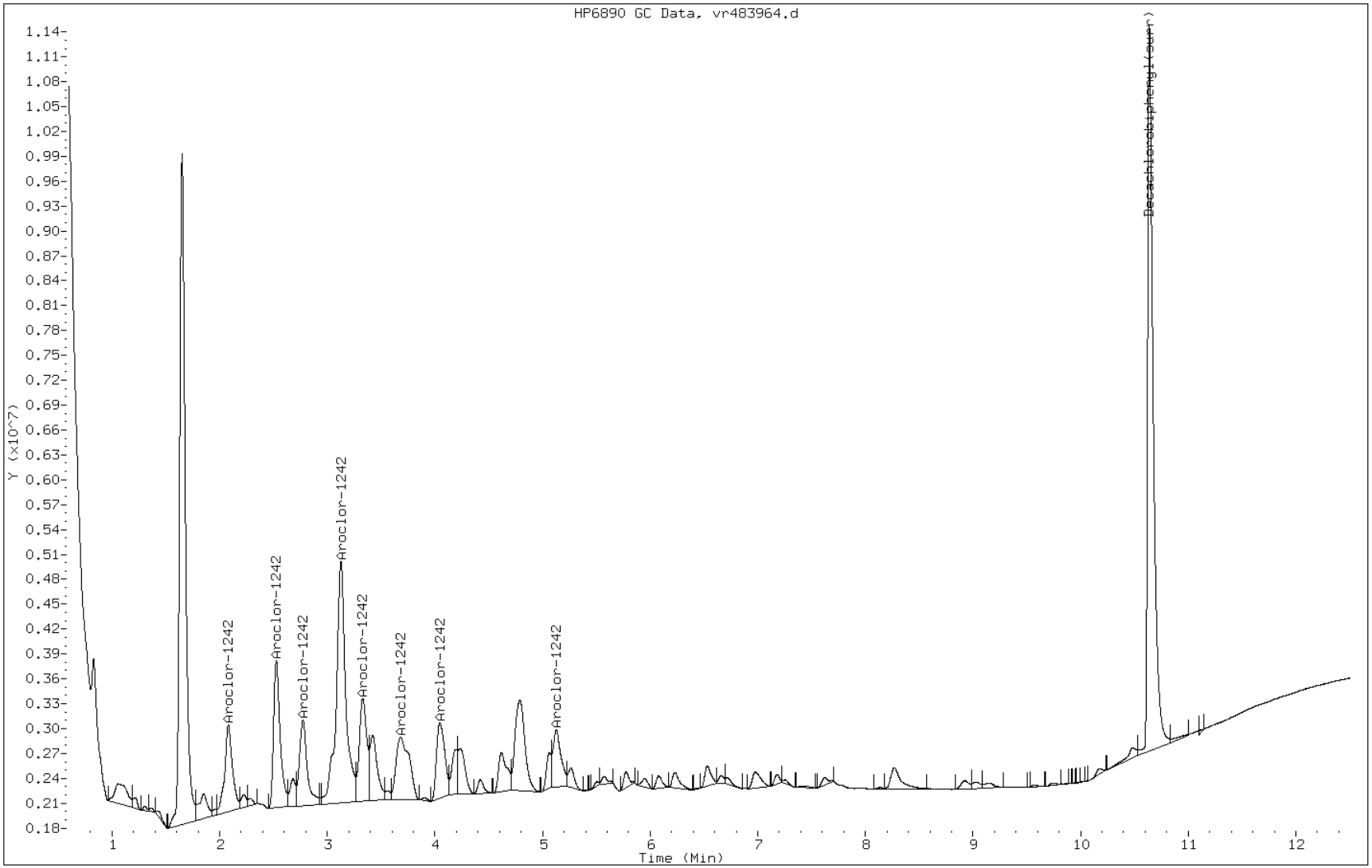
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.080	2.089	-0.009	5271906	362.396	240	80.00- 120.00	100.00
2.525	2.531	-0.006	7627158	333.651	220	125.71- 188.57	144.68
2.775	2.781	-0.006	5247952	311.262	210	92.72- 139.08	99.55
3.128	3.133	-0.005	18100583	356.234	240	279.42- 419.14	343.34
3.329	3.335	-0.006	5999485	328.555	220	100.42- 150.63	113.80
3.682	3.693	-0.011	6392745	330.215	220	106.46- 159.69	121.26
4.048	4.053	-0.005	4891075	262.931	170	102.30- 153.45	92.78
5.126	5.135	-0.009	3690322	297.998	200	68.10- 102.15	70.00
Average of Peak Concentrations =					210		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.639	10.642	-0.003	31547347	59.0777	39	80.00- 120.00	100.00

Data File: vr483964.d

Date: 18-MAR-2013 17:24

Client ID: PMP-16-NE-SI Instrument: PESTGC9.i

Sample Info: 460-52450-F-36-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD Lab Sample ID: 460-52450-37

Matrix: Solid Lab File ID: vf483965.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:50

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 17:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	88		72	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

Data File: vf483965.d
Report Date: 19-Mar-2013 02:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483965.d
Lab Smp Id: 460-52450-F-37-A Client Smp ID: PMP-15-NE-VD
Inj Date : 18-MAR-2013 17:40
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-37-A
Misc Info : 460-52450-F-37-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.01000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

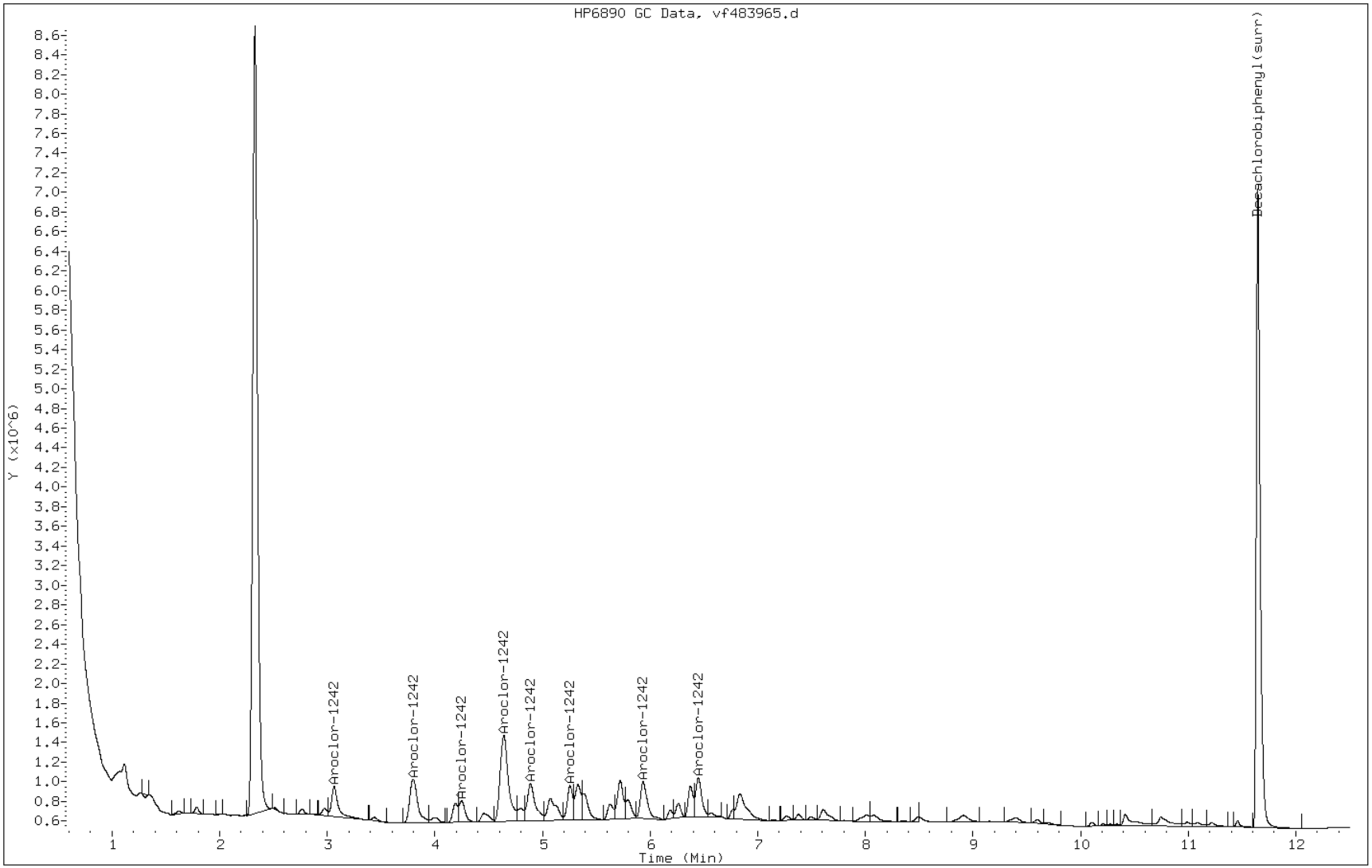
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.064	3.068	-0.004	1323683	119.867	80	80.00- 120.00	100.00
3.798	3.804	-0.006	2272680	115.876	77	142.09- 213.13	171.69
4.249	4.256	-0.007	865742	101.629	68	61.71- 92.57	65.40
4.641	4.647	-0.006	4658626	131.917	88	255.84- 383.75	351.94
4.888	4.897	-0.009	1973546	121.360	81	117.81- 176.71	149.10
5.257	5.263	-0.006	1222088	151.191	100	58.56- 87.84	92.32
5.934	5.942	-0.008	1702033	122.303	81	100.82- 151.23	128.58
6.447	6.456	-0.009	1599767	111.209	74	104.21- 156.32	120.86
Average of Peak Concentrations =					81		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.647	11.650	-0.003	16108858	50.1467	33	80.00- 120.00	100.00

Data File: vf483965.d

Date: 18-MAR-2013 17:40

Client ID: PMP-15-NE-VD Instrument: PESTGC9.i

Sample Info: 460-52450-F-37-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD Lab Sample ID: 460-52450-37

Matrix: Solid Lab File ID: vr483965.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:50

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 17:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	72	16
11104-28-2	Aroclor 1221	16	U	72	16
11141-16-5	Aroclor 1232	16	U	72	16
12672-29-6	Aroclor 1248	16	U	72	16
11097-69-1	Aroclor 1254	20	U	72	20
11096-82-5	Aroclor 1260	20	U	72	20
37324-23-5	Aroclor 1262	20	U	72	20
11100-14-4	Aroclor 1268	20	U	72	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483965.d
Lab Smp Id: 460-52450-F-37-A Client Smp ID: PMP-15-NE-VD
Inj Date : 18-MAR-2013 17:40
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-37-A
Misc Info : 460-52450-F-37-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.01000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.083	2.089	-0.006	1061616	72.9766	49	80.00- 120.00	100.00(M)
2.525	2.531	-0.006	2408754	105.371	70	125.71- 188.57	226.90
2.774	2.781	-0.007	1623598	96.2973	64	92.72- 139.08	152.94
3.126	3.133	-0.007	6616412	130.216	87	279.42- 419.14	623.24
3.330	3.335	-0.005	1686788	92.3751	62	100.42- 150.63	158.89
3.683	3.693	-0.010	2054898	106.145	71	106.46- 159.69	193.56
4.046	4.053	-0.007	1788151	96.1263	64	102.30- 153.45	168.44
5.127	5.135	-0.008	1737779	140.328	93	68.10- 102.15	163.69
Average of Peak Concentrations =					70		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.640	10.642	-0.002	29075424	54.4486	36	80.00- 120.00	100.00

QC Flag Legend

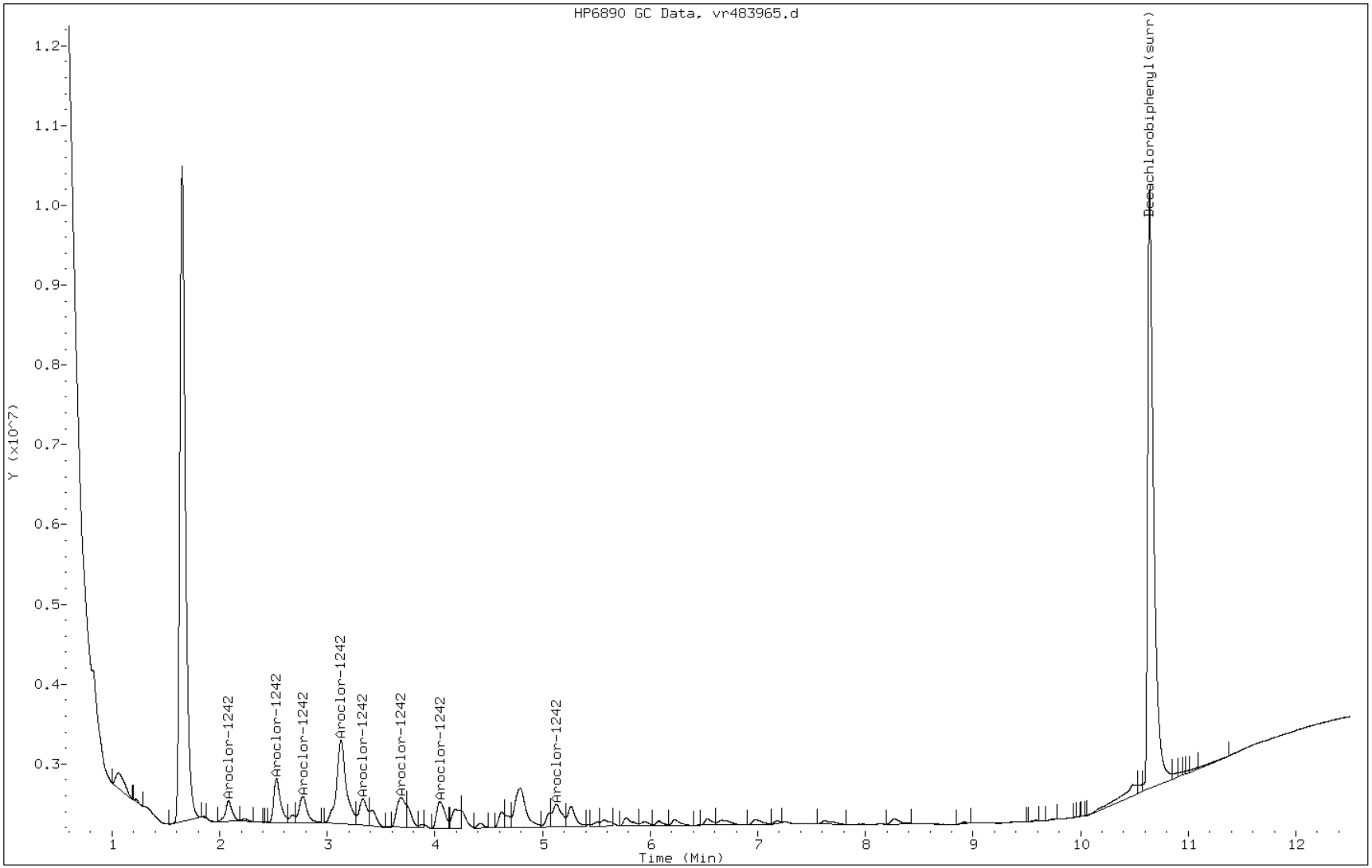
M - Compound response manually integrated.

Data File: vr483965.d

Date: 18-MAR-2013 17:40

Client ID: PMP-15-NE-VD Instrument: PESTGC9.i

Sample Info: 460-52450-F-37-A Operator:



Manual Integration Report

Data File: vr483965.d
Inj. Date and Time: 18-MAR-2013 17:40
Instrument ID: PESTGC9.i
Client ID: PMP-15-NE-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.09

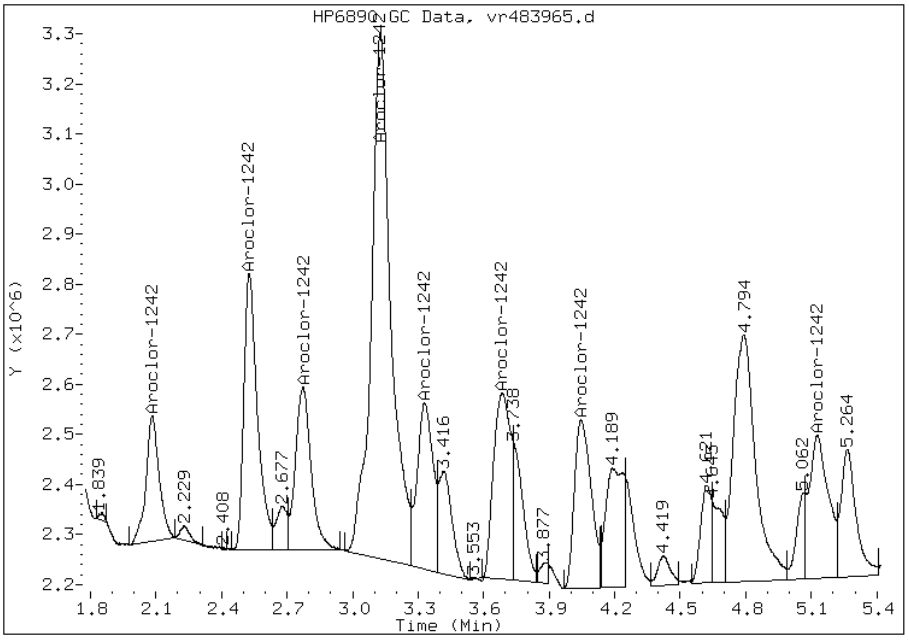
Manual Integration Results

RT: 2.08

Response: 1061616

Amount: 104.98

Conc: 70.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT Lab Sample ID: 460-52450-38

Matrix: Solid Lab File ID: vf483966.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:55

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 17:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	81		75	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		45-138

Data File: vf483966.d
Report Date: 19-Mar-2013 02:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483966.d
Lab Smp Id: 460-52450-F-38-A Client Smp ID: PMP-15-NE-WT
Inj Date : 18-MAR-2013 17:56
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-38-A
Misc Info : 460-52450-F-38-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.03000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

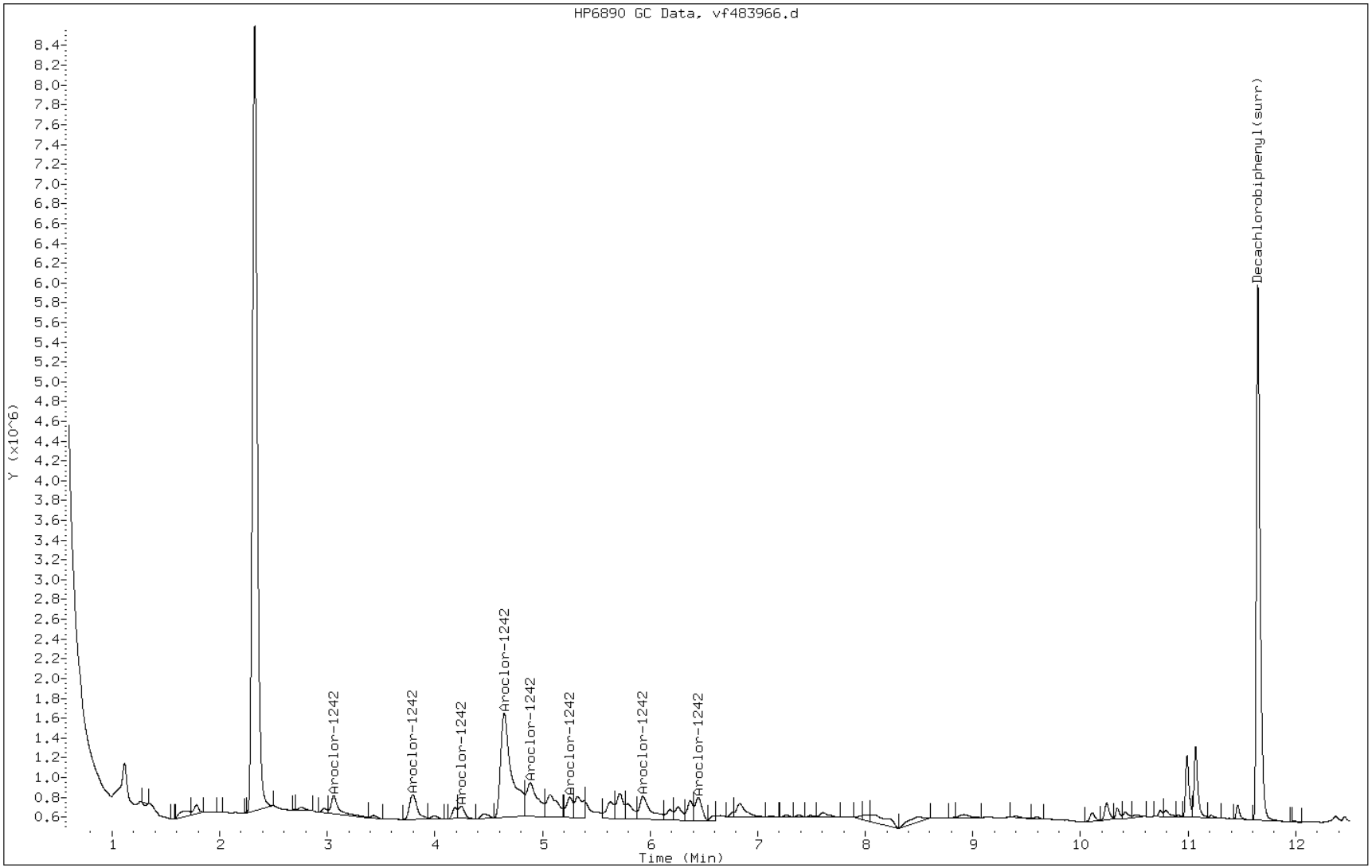
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.061	3.068	-0.007	898639	81.3767	54	80.00- 120.00	100.00
3.796	3.804	-0.008	1276721	65.0956	43	142.09- 213.13	142.07
4.244	4.256	-0.012	458309	53.8009	36	61.71- 92.57	51.00
4.647	4.647	0.000	7563945	214.186	140	255.84- 383.75	841.71
4.888	4.897	-0.009	2478309	152.399	100	117.81- 176.71	275.78
5.256	5.263	-0.007	843544	104.359	69	58.56- 87.84	93.87
5.933	5.942	-0.009	1696129	121.879	81	100.82- 151.23	188.74
6.448	6.456	-0.008	1038952	72.2235	48	104.21- 156.32	115.61
Average of Peak Concentrations =					72		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.648	11.650	-0.002	13067528	40.6791	27	80.00- 120.00	100.00

Data File: vf483966.d

Date: 18-MAR-2013 17:56

Client ID: PMP-15-NE-WT Instrument: PESTGC9.i

Sample Info: 460-52450-F-38-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT Lab Sample ID: 460-52450-38

Matrix: Solid Lab File ID: vr483966.d

Analysis Method: 8082 Date Collected: 03/14/2013 16:55

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 17:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	75	17
11104-28-2	Aroclor 1221	17	U	75	17
11141-16-5	Aroclor 1232	17	U	75	17
12672-29-6	Aroclor 1248	17	U	75	17
11097-69-1	Aroclor 1254	21	U	75	21
11096-82-5	Aroclor 1260	21	U	75	21
37324-23-5	Aroclor 1262	21	U	75	21
11100-14-4	Aroclor 1268	21	U	75	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483966.d
Lab Smp Id: 460-52450-F-38-A Client Smp ID: PMP-15-NE-WT
Inj Date : 18-MAR-2013 17:56
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-38-A
Misc Info : 460-52450-F-38-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.03000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

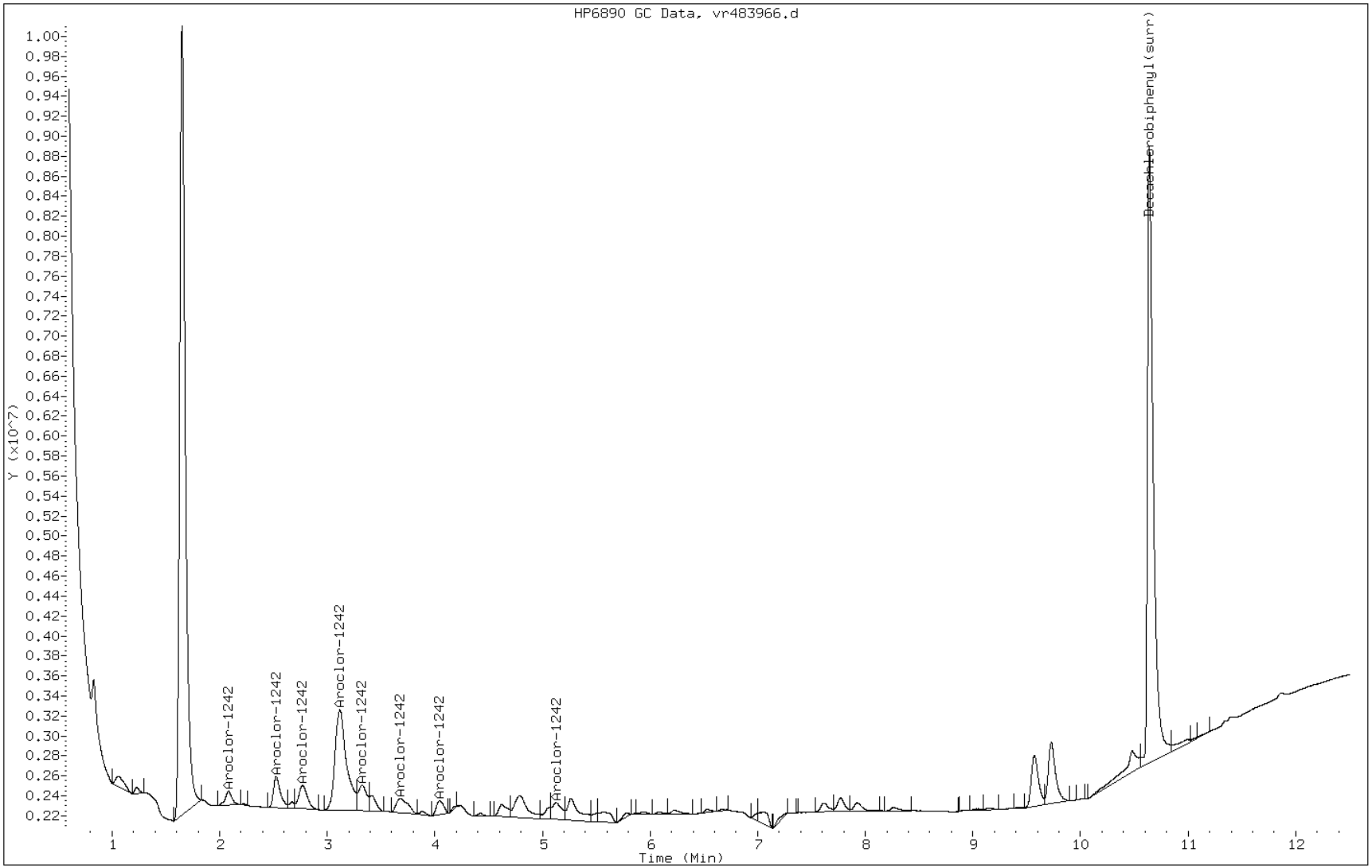
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.080	2.089	-0.009	629561	43.2767	29	80.00- 120.00	100.00
2.527	2.531	-0.004	1416048	61.9452	41	125.71- 188.57	224.93
2.769	2.781	-0.012	1331767	78.9885	52	92.72- 139.08	211.54
3.117	3.133	-0.016	7521564	148.031	98	279.42- 419.14	1194.73
3.322	3.335	-0.013	1407690	77.0906	51	100.42- 150.63	223.60
3.678	3.693	-0.015	1052754	54.3797	36	106.46- 159.69	167.22
4.042	4.053	-0.011	637388	34.2643	23	102.30- 153.45	101.24
5.125	5.135	-0.010	1057668	85.4079	57	68.10- 102.15	168.00
Average of Peak Concentrations =					48		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.639	10.642	-0.003	23245692	43.5315	29	80.00- 120.00	100.00

Data File: vr483966.d

Date: 18-MAR-2013 17:56

Client ID: PMP-15-NE-WT Instrument: PESTGC9.i

Sample Info: 460-52450-F-38-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI Lab Sample ID: 460-52450-39

Matrix: Solid Lab File ID: vf483967.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:00

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 18:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	52	J	75	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		45-138

Data File: vf483967.d
Report Date: 19-Mar-2013 02:24

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483967.d
Lab Smp Id: 460-52450-F-39-A Client Smp ID: PMP-15-NE-SI
Inj Date : 18-MAR-2013 18:12
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-39-A
Misc Info : 460-52450-F-39-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

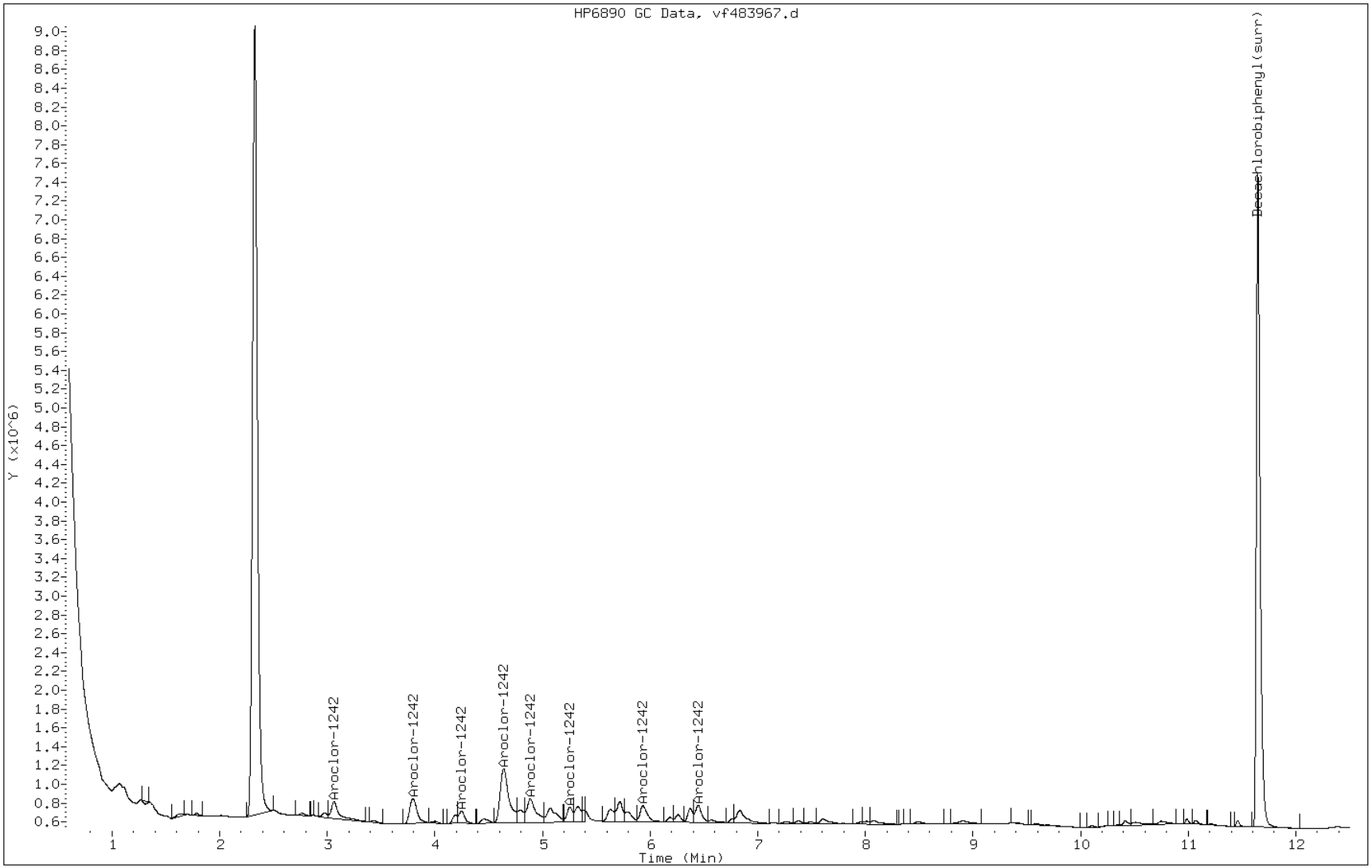
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.061	3.068	-0.007	824857	74.6953	50	80.00- 120.00	100.00
3.797	3.804	-0.007	1264148	64.4545	43	142.09- 213.13	153.26
4.246	4.256	-0.010	495416	58.1568	39	61.71- 92.57	60.06
4.639	4.647	-0.008	3212763	90.9750	60	255.84- 383.75	389.49
4.887	4.897	-0.010	1485182	91.3286	61	117.81- 176.71	180.05
5.253	5.263	-0.010	567731	70.2371	47	58.56- 87.84	68.83
5.931	5.942	-0.011	826183	59.3672	39	100.82- 151.23	100.16
6.446	6.456	-0.010	746247	51.8759	34	104.21- 156.32	90.47
Average of Peak Concentrations =					47		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.647	11.650	-0.003	16882745	52.5558	35	80.00- 120.00	100.00

Data File: vf483967.d

Date: 18-MAR-2013 18:12

Client ID: PMP-15-NE-SI Instrument: PESTGC9.i

Sample Info: 460-52450-F-39-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI Lab Sample ID: 460-52450-39

Matrix: Solid Lab File ID: vr483967.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:00

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 18:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	75	17
11104-28-2	Aroclor 1221	17	U	75	17
11141-16-5	Aroclor 1232	17	U	75	17
12672-29-6	Aroclor 1248	17	U	75	17
11097-69-1	Aroclor 1254	21	U	75	21
11096-82-5	Aroclor 1260	21	U	75	21
37324-23-5	Aroclor 1262	21	U	75	21
11100-14-4	Aroclor 1268	21	U	75	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483967.d
Lab Smp Id: 460-52450-F-39-A Client Smp ID: PMP-15-NE-SI
Inj Date : 18-MAR-2013 18:12
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-39-A
Misc Info : 460-52450-F-39-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

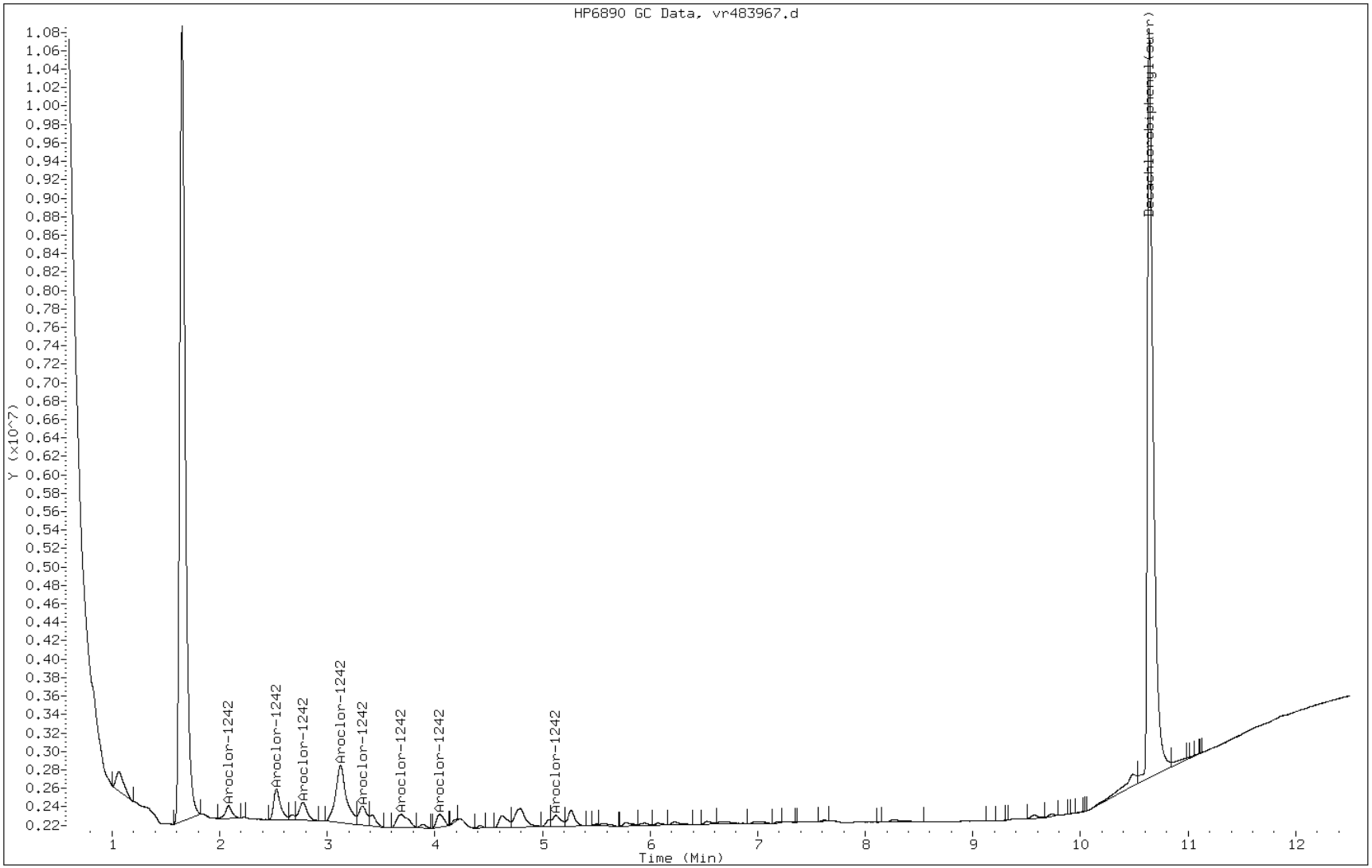
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.081	2.089	-0.008	597884	41.0992	27	80.00- 120.00	100.00
2.529	2.531	-0.002	1499511	65.5963	44	125.71- 188.57	250.80
2.775	2.781	-0.006	1019808	60.4859	40	92.72- 139.08	170.57
3.123	3.133	-0.010	4281347	84.2604	56	279.42- 419.14	716.08
3.326	3.335	-0.009	1035385	56.7017	38	100.42- 150.63	173.17
3.687	3.693	-0.006	1059459	54.7260	36	106.46- 159.69	177.20
4.039	4.053	-0.014	651448	35.0201	23	102.30- 153.45	108.96
5.124	5.135	-0.011	641377	51.7919	34	68.10- 102.15	107.27
Average of Peak Concentrations =					37		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.639	10.642	-0.003	30550926	57.2118	38	80.00- 120.00	100.00

Data File: vr483967.d

Date: 18-MAR-2013 18:12

Client ID: PMP-15-NE-SI Instrument: PESTGC9.i

Sample Info: 460-52450-F-39-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD Lab Sample ID: 460-52450-40

Matrix: Solid Lab File ID: vf484011.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:05

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 18:05

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	30000		1500	330
11096-82-5	Aroclor 1260	4700		1500	420

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13d.b/vf484011.d
Lab Smp Id: 460-52450-F-40-A Client Smp ID: PMP-15-NE-SD
Inj Date : 19-MAR-2013 18:05
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-40-A
Misc Info : 460-52450-F-40-A
Comment :
Method : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13d.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 83
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.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	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
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
24 Aroclor-1242					CAS #: 53469-21-9		
3.057	3.068	-0.011	19303212	1748.01	23000	80.00- 120.00	100.00
3.789	3.804	-0.015	39443615	2011.09	27000	142.09- 213.13	204.34
4.242	4.256	-0.014	16344047	1918.62	26000	61.71- 92.57	84.67
4.635	4.647	-0.012	70770953	2004.00	27000	255.84- 383.75	366.63
4.884	4.897	-0.013	32803378	2017.18	27000	117.81- 176.71	169.94
5.250	5.263	-0.013	16803381	2078.84	28000	58.56- 87.84	87.05
5.929	5.942	-0.013	29703531	2134.41	28000	100.82- 151.23	153.88
6.444	6.456	-0.012	31690816	2203.01	29000	104.21- 156.32	164.17
Average of Peak Concentrations =					27000		
27 Aroclor-1260					CAS #: 11096-82-5		
8.008	8.024	-0.016	11405573	393.341	5200	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.489	8.503	-0.014	10093414	301.390	4000	90.48- 135.71	88.50
9.392	9.407	-0.015	13605922	300.942	4000	129.01- 193.52	119.29
9.593	9.604	-0.011	6484550	325.833	4300	55.67- 83.51	56.85
9.696	9.708	-0.012	3685996	315.471	4200	33.98- 50.97	32.32
10.104	10.113	-0.009	6280085	310.544	4100	59.19- 88.79	55.06
10.745	10.751	-0.006	6879417	273.475	3600	74.73- 112.09	60.32
11.215	11.219	-0.004	2964957	310.260	4100	28.07- 42.10	26.00
			Average of Peak Concentrations =		4200		

QC Flag Legend

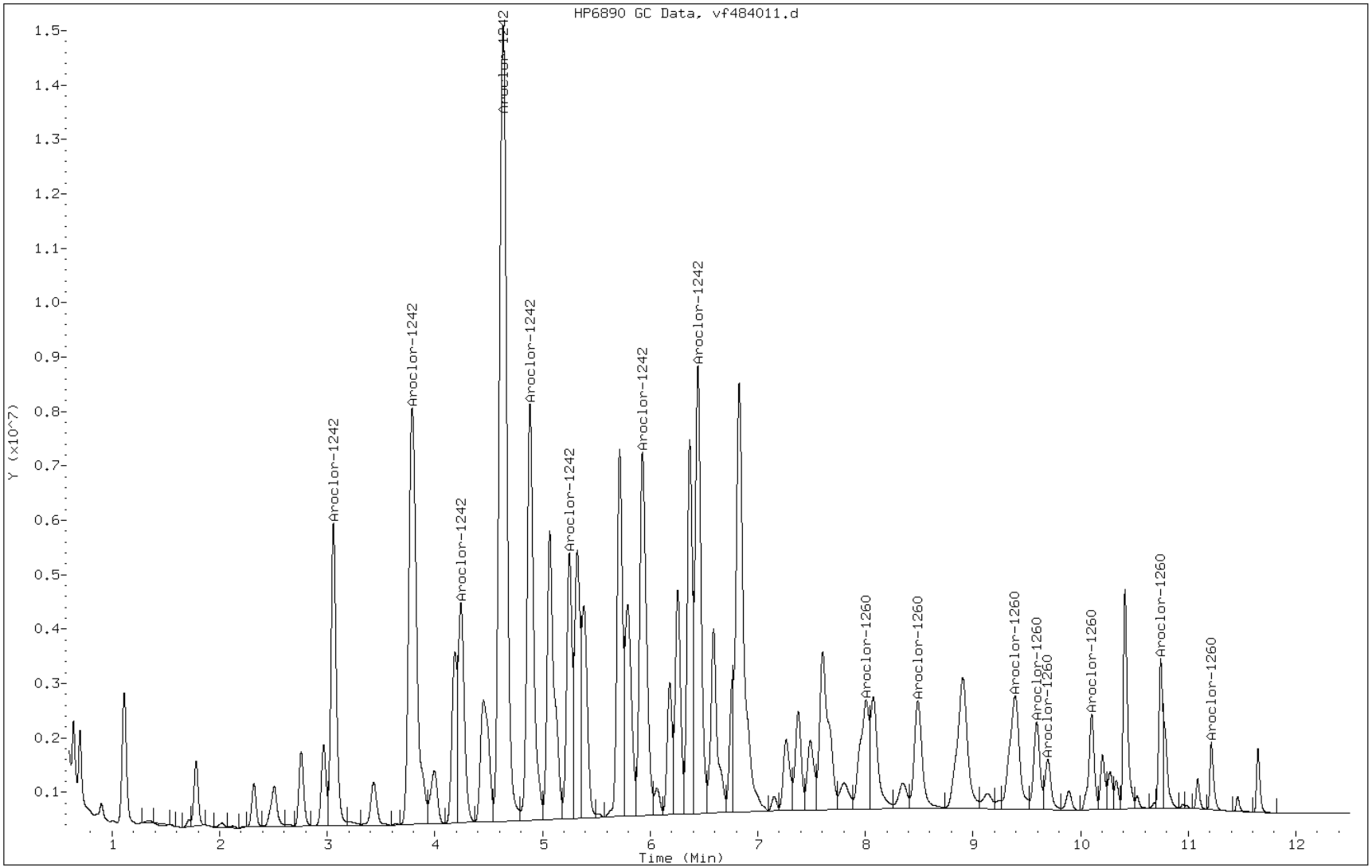
M - Compound response manually integrated.

Data File: vf484011.d

Date: 19-MAR-2013 18:05

Client ID: PMP-15-NE-SD Instrument: PESTGC9.i

Sample Info: 460-52450-F-40-A Operator:



Manual Integration Report

Data File: vf484011.d
Inj. Date and Time: 19-MAR-2013 18:05
Instrument ID: PESTGC9.i
Client ID: PMP-15-NE-SD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 8.02

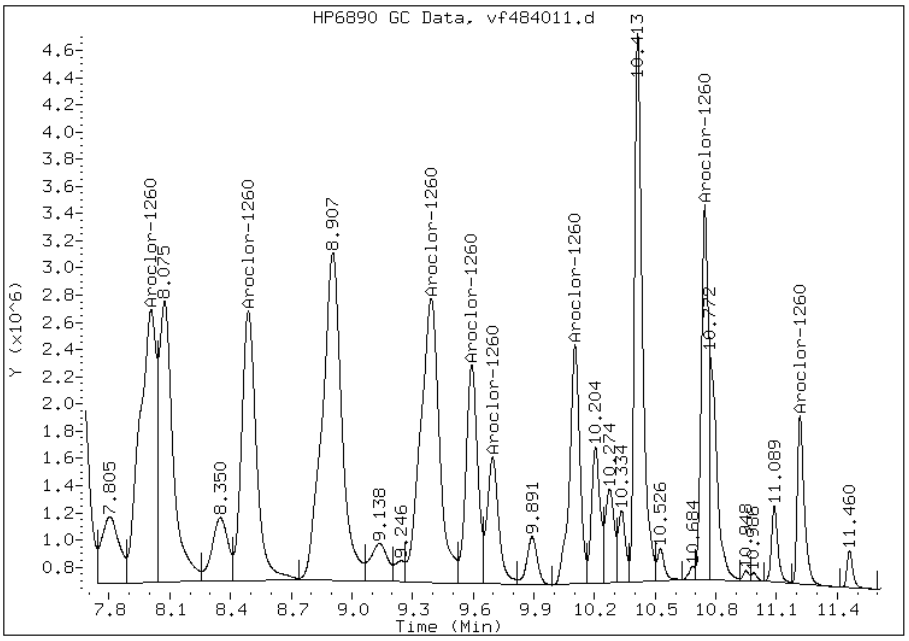
Manual Integration Results

RT: 8.01

Response: 11405573

Amount: 316.41

Conc: 4200.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD Lab Sample ID: 460-52450-40

Matrix: Solid Lab File ID: vr484011.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:05

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 18:05

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	330	U	1500	330
11104-28-2	Aroclor 1221	330	U	1500	330
11141-16-5	Aroclor 1232	330	U	1500	330
12672-29-6	Aroclor 1248	330	U	1500	330
11097-69-1	Aroclor 1254	420	U	1500	420
37324-23-5	Aroclor 1262	420	U	1500	420
11100-14-4	Aroclor 1268	420	U	1500	420

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

Data File: vr484011.d
Report Date: 19-Mar-2013 12:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13d.b/vr484011.d
Lab Smp Id: 460-52450-F-40-A Client Smp ID: PMP-15-NE-SD
Inj Date : 19-MAR-2013 18:05
Operator : Inst ID: PESTGC9.i
Smp Info : 460-52450-F-40-A
Misc Info : 460-52450-F-40-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13d.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 83
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.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	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.075	2.089	-0.014	25365737	1743.67	23000	80.00- 120.00	100.00(M)
2.518	2.531	-0.013	41456030	1813.50	24000	125.71- 188.57	163.43
2.769	2.781	-0.012	30705168	1821.16	24000	92.72- 139.08	121.05
3.119	3.133	-0.014	93619473	1842.51	24000	279.42- 419.14	369.08
3.320	3.335	-0.015	37460679	2051.49	27000	100.42- 150.63	147.68
3.674	3.693	-0.019	33559517	1733.51	23000	106.46- 159.69	132.30
4.036	4.053	-0.017	38657268	2078.11	28000	102.30- 153.45	152.40
5.119	5.135	-0.016	25911396	2092.38	28000	68.10- 102.15	102.15
Average of Peak Concentrations =					25000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.072	6.086	-0.014	9534992	265.098	3500	80.00- 120.00	100.00

Data File: vr484011.d
Report Date: 19-Mar-2013 12:33

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.524	6.538	-0.014	16478270	238.642	3200	149.24- 223.85	172.82
6.970	6.985	-0.015	15043668	240.928	3200	129.35- 194.03	157.77
7.173	7.187	-0.014	8399918	245.562	3300	71.80- 107.70	88.10
7.614	7.630	-0.016	7243281	248.205	3300	60.06- 90.09	75.97
8.915	8.934	-0.019	8488715	243.424	3200	62.13- 93.19	89.03
9.138	9.158	-0.020	6920874	283.108	3800	43.53- 65.29	72.58
10.164	10.172	-0.008	5327232	305.528	4100	29.68- 44.53	55.87
		Average of Peak Concentrations =			3400		

QC Flag Legend

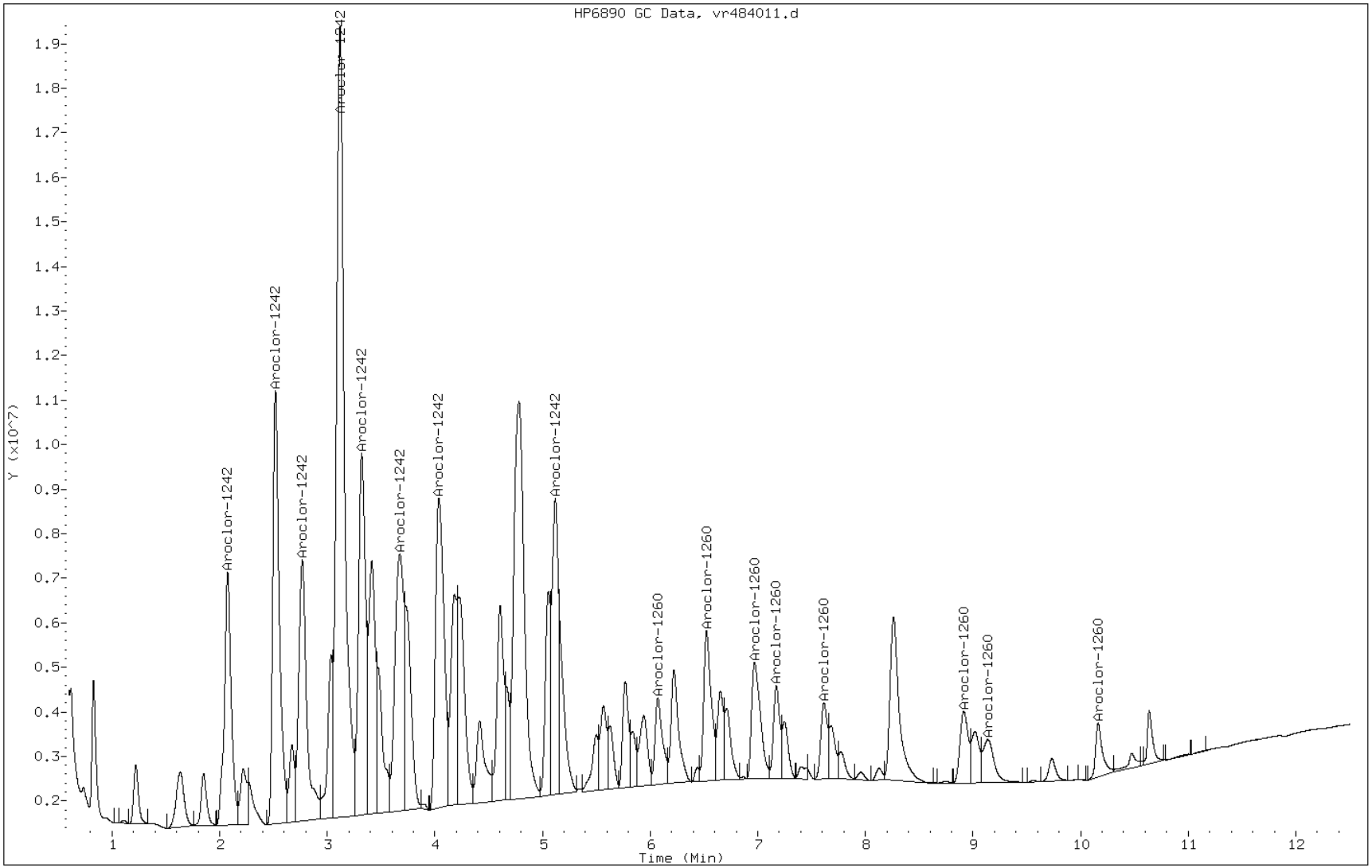
M - Compound response manually integrated.

Data File: vr484011.d

Date: 19-MAR-2013 18:05

Client ID: PMP-15-NE-SD Instrument: PESTGC9.i

Sample Info: 460-52450-F-40-A Operator:



Manual Integration Report

Data File: vr484011.d
Inj. Date and Time: 19-MAR-2013 18:05
Instrument ID: PESTGC9.i
Client ID: PMP-15-NE-SD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

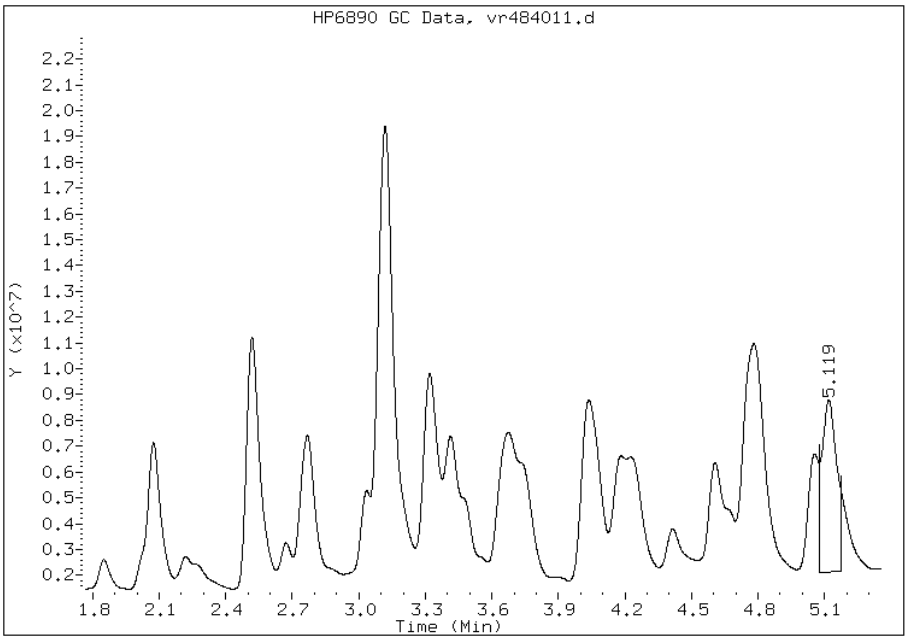
Processing Integration Results

RT: 5.12

Response: 31102019

Amount: 1949.43

Conc: 26000.00



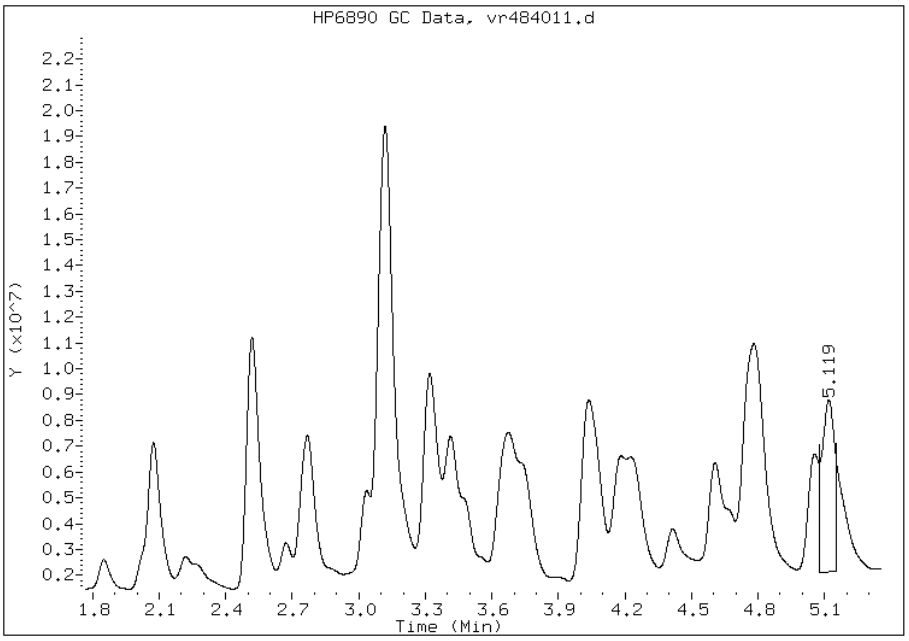
Manual Integration Results

RT: 5.12

Response: 25911396

Amount: 1897.04

Conc: 25000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD Lab Sample ID: 460-52450-41

Matrix: Solid Lab File ID: of200705.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:35

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 16:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

Data File: of200705.d
Report Date: 18-Mar-2013 23:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/of200705.d
Lab Smp Id: 460-52450-F-41-A Client Smp ID: PMP-28-NE-VD
Inj Date : 18-MAR-2013 16:38
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-41-A
Misc Info : 460-52450-F-41-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.725	10.727	-0.002	168368	45.7752	30	80.00- 120.00	100.00(M)

QC Flag Legend

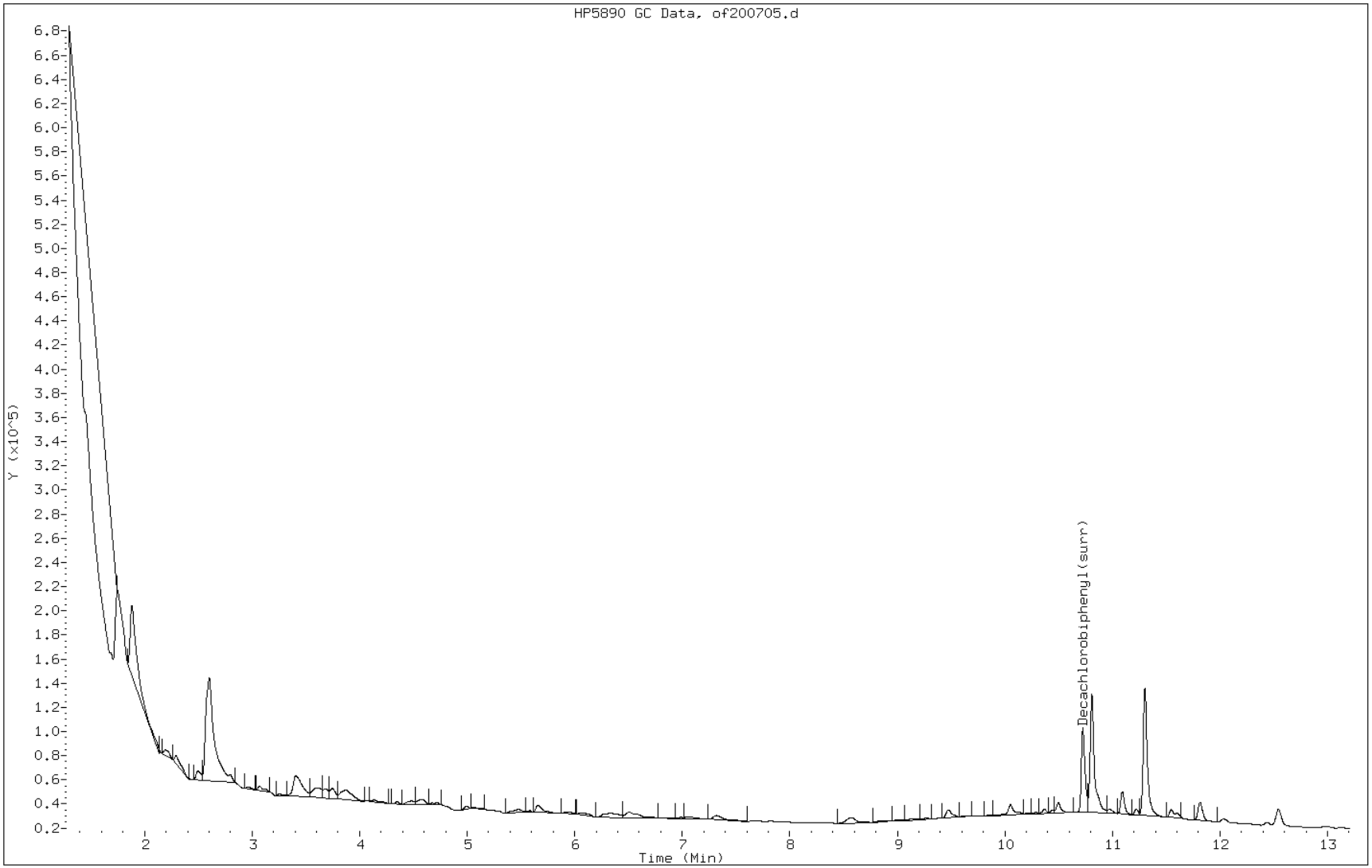
M - Compound response manually integrated.

Data File: of200705.d

Date: 18-MAR-2013 16:38

Client ID: PMP-28-NE-VD Instrument: PESTGC7.i

Sample Info: 460-52450-F-41-A Operator:



Manual Integration Report

Data File: of200705.d
Inj. Date and Time: 18-MAR-2013 16:38
Instrument ID: PESTGC7.i
Client ID: PMP-28-NE-VD
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 03/19/2013

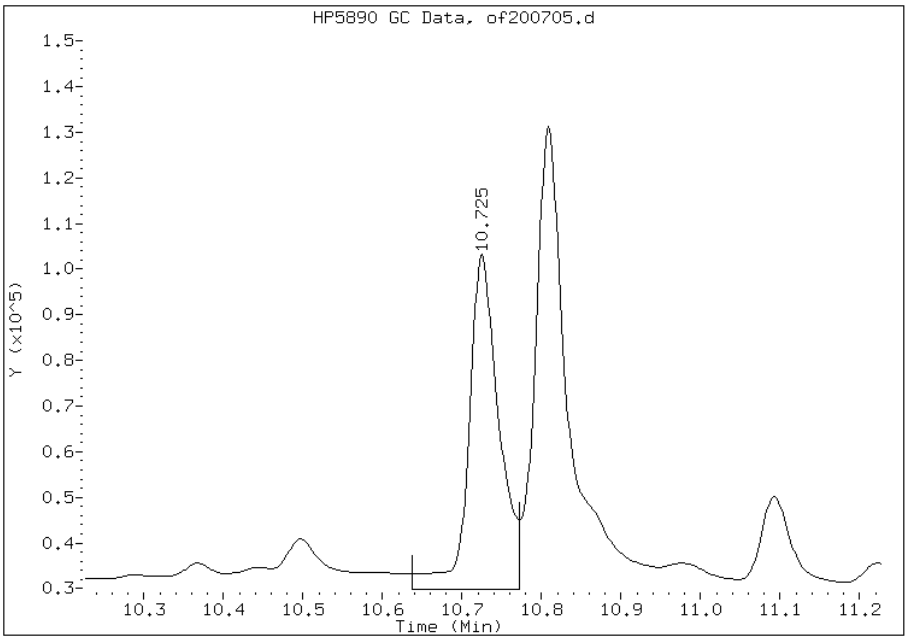
Processing Integration Results

RT: 10.72

Response: 193902

Amount: 52.72

Conc: 35.03



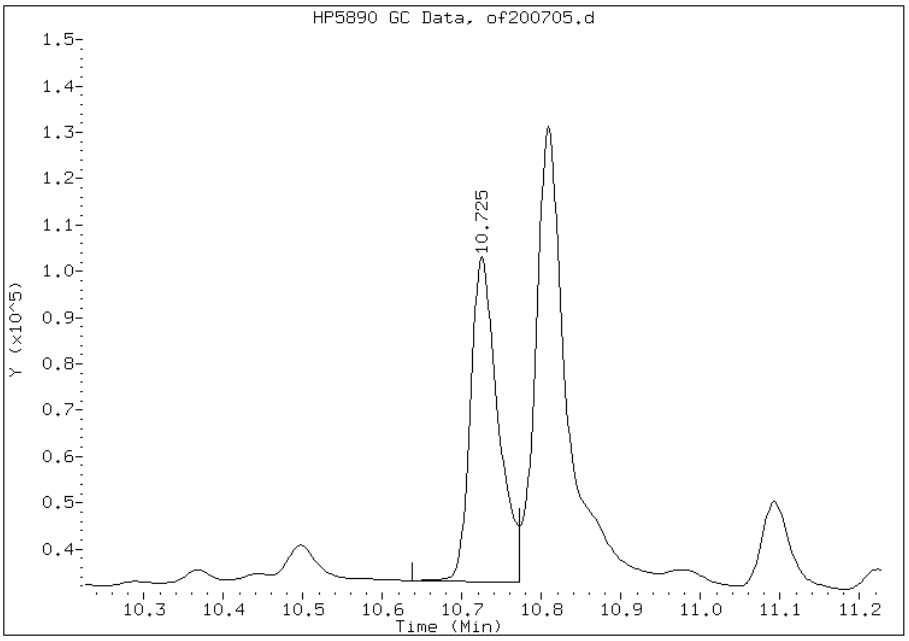
Manual Integration Results

RT: 10.72

Response: 168368

Amount: 45.78

Conc: 30.42



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD Lab Sample ID: 460-52450-41

Matrix: Solid Lab File ID: or200705.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:35

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 16:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/or200705.d
Lab Smp Id: 460-52450-F-41-A Client Smp ID: PMP-28-NE-VD
Inj Date : 18-MAR-2013 16:38
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-41-A
Misc Info : 460-52450-F-41-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

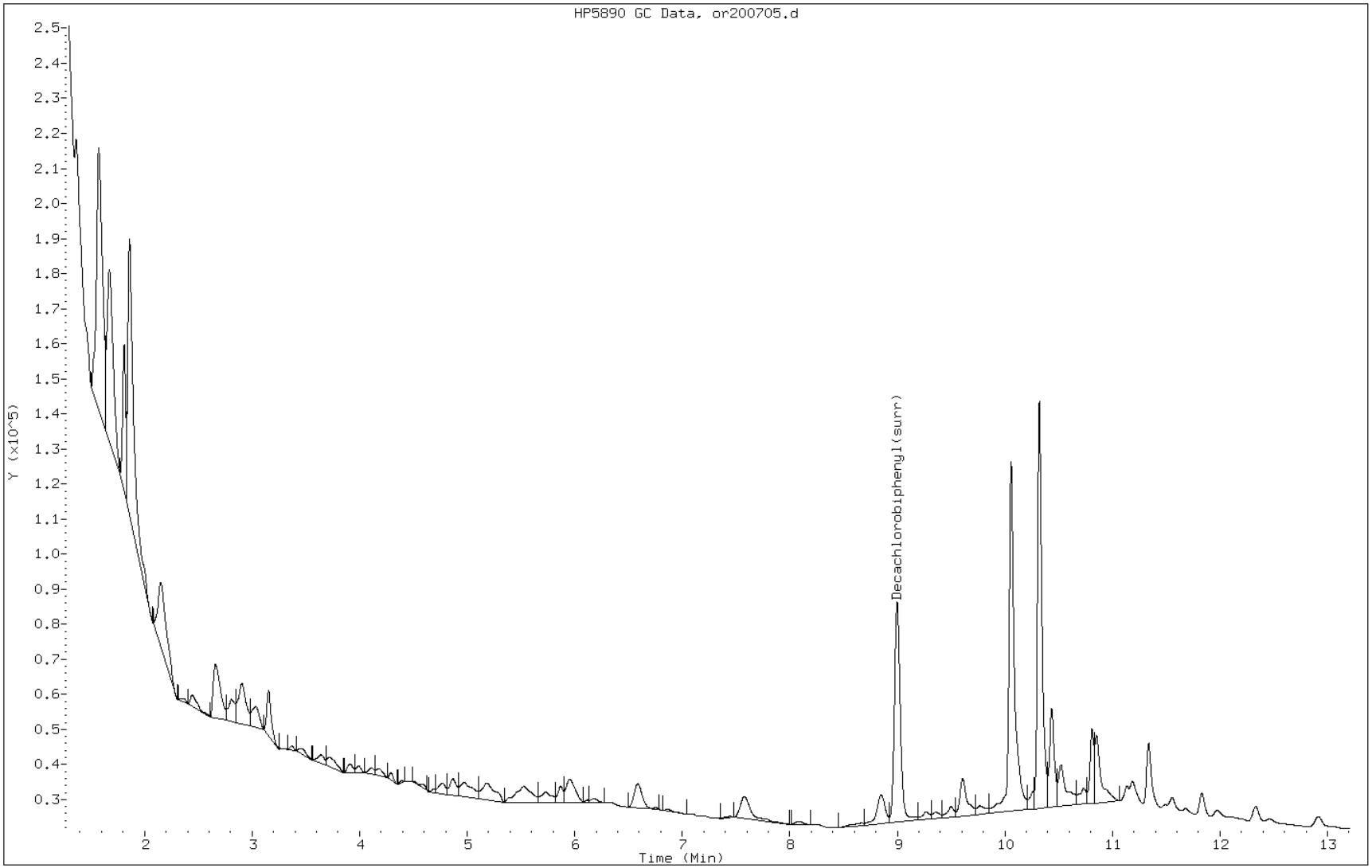
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.998	9.005	-0.007	239972	45.9043	30	80.00- 120.00	100.00

Data File: or200705.d

Date: 18-MAR-2013 16:38

Client ID: PMP-28-NE-VD Instrument: PESTGC7.i

Sample Info: 460-52450-F-41-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT Lab Sample ID: 460-52450-42

Matrix: Solid Lab File ID: qf093674.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:40

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 09:14

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	15000		740	160
11096-82-5	Aroclor 1260	3000		740	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	45-138

Data File: qf093674.d
Report Date: 19-Mar-2013 11:08

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13a.b/qf093674.d
Lab Smp Id: 460-52450-F-42-A Client Smp ID: PMP-28-NE-WT
Inj Date : 19-MAR-2013 09:14
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-42-A
Misc Info : 460-52450-F-42-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar13/03-19-13/19mar13a.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 7
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.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	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	8.87372	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.965	2.966	-0.001	16556739	1082.87	7900	80.00- 120.00	100.00
3.662	3.661	0.001	57738074	2072.32	15000	0.00- 0.00	348.73
4.107	4.108	-0.001	23460324	2047.96	15000	0.00- 0.00	141.70
4.498	4.499	-0.001	118153078	2179.44	16000	0.00- 0.00	713.63
4.747	4.746	0.001	40971500	1814.40	13000	0.00- 0.00	247.46
5.113	5.111	0.002	24556540	2352.66	17000	42.38- 63.56	148.32
5.786	5.785	0.001	0			19.58- 29.37	0.00
6.295	6.296	-0.001	55514129	2455.75	18000	0.00- 0.00	335.30
		Average of Peak Concentrations =			15000		
27 Aroclor-1260					CAS #: 11096-82-5		
7.813	7.818	-0.005	16532696	391.337	2900	0.00- 0.00	100.00(M)

Data File: qf093674.d
Report Date: 19-Mar-2013 11:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE		RATIO
27 Aroclor-1260 (continued)								
8.269	8.276	-0.007	22003092	397.921	2900	0.00-	0.00	133.09
9.153	9.161	-0.008	26310137	372.516	2700	0.00-	0.00	159.14
9.391	9.399	-0.008	15947921	432.661	3200	0.00-	0.00	96.46
9.508	9.516	-0.008	8069481	409.260	3000	0.00-	0.00	48.81
9.958	9.963	-0.005	11840813	404.319	3000	0.00-	0.00	71.62
10.662	10.663	-0.001	13619505	426.455	3100	0.00-	0.00	82.38
11.150	11.149	0.001	5621619	422.389	3100	0.00-	0.00	34.00
		Average of Peak Concentrations =			3000			

QC Flag Legend

M - Compound response manually integrated.

Data File: qf093674.d

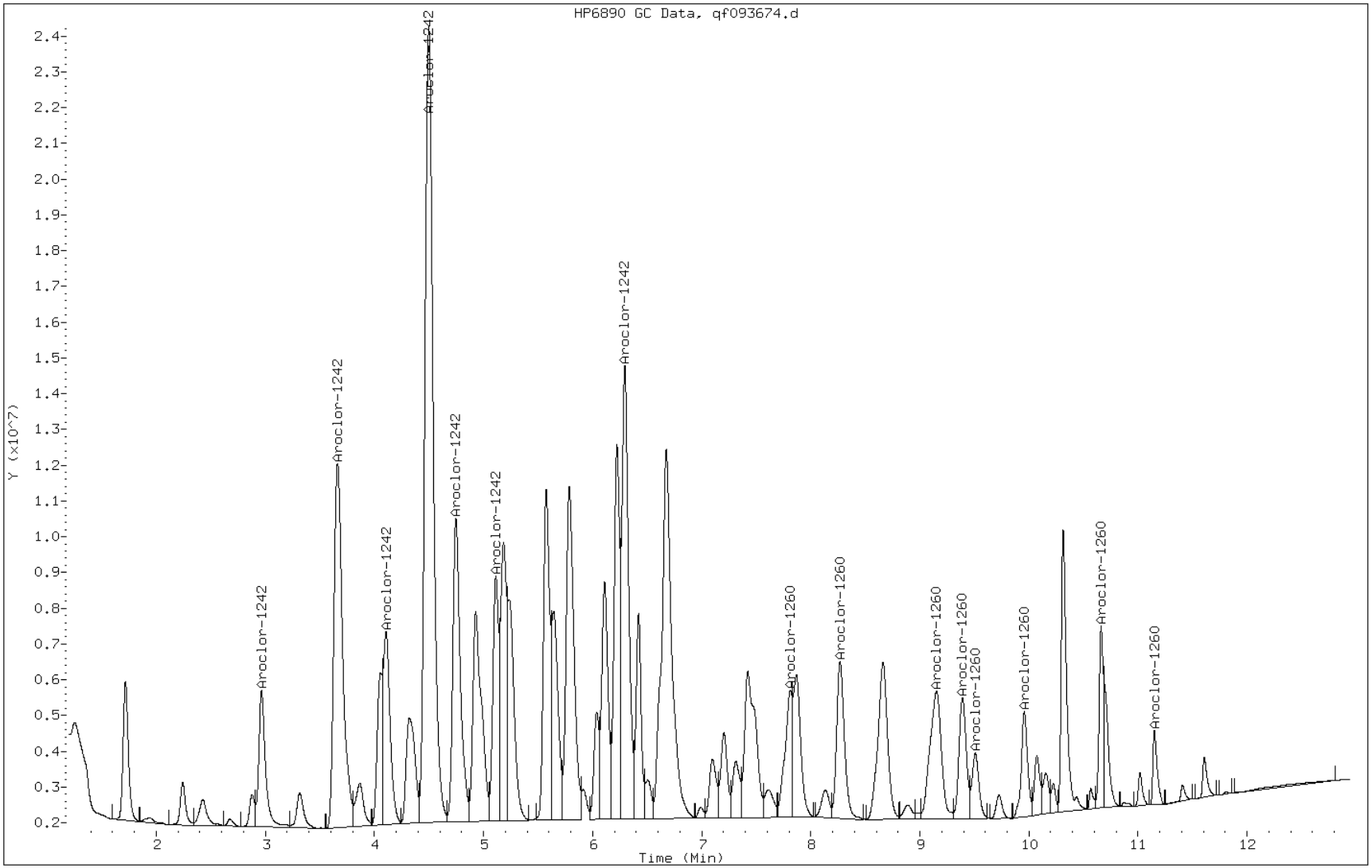
Date: 19-MAR-2013 09:14

Client ID: PMP-28-NE-WT

Instrument: PESTGC8.i

Sample Info: 460-52450-F-42-A

Operator:



Manual Integration Report

Data File: qf093674.d
Inj. Date and Time: 19-MAR-2013 09:14
Instrument ID: PESTGC8.i
Client ID: PMP-28-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

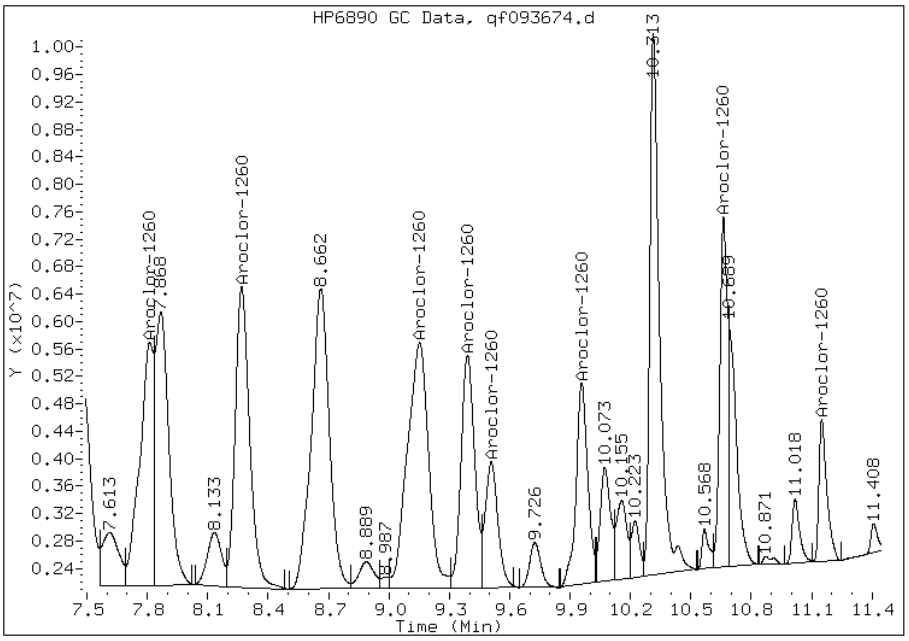
Manual Integration Results

RT: 7.81

Response: 16532696

Amount: 407.11

Conc: 3000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT Lab Sample ID: 460-52450-42

Matrix: Solid Lab File ID: qr093674.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:40

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 09:14

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	740	160
11104-28-2	Aroclor 1221	160	U	740	160
11141-16-5	Aroclor 1232	160	U	740	160
12672-29-6	Aroclor 1248	160	U	740	160
11097-69-1	Aroclor 1254	210	U	740	210
37324-23-5	Aroclor 1262	210	U	740	210
11100-14-4	Aroclor 1268	210	U	740	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13a.b/qr093674.d
Lab Smp Id: 460-52450-F-42-A Client Smp ID: PMP-28-NE-WT
Inj Date : 19-MAR-2013 09:14
Operator : Inst ID: PESTGC8.i
Smp Info : 460-52450-F-42-A
Misc Info : 460-52450-F-42-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-19-13/19mar13a.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 7
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.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	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	8.87372	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.966	1.977	-0.011	22282888	926.615	6800	80.00- 120.00	100.00(M)
2.398	2.407	-0.009	69099250	1837.26	13000	125.12- 187.68	310.10
2.640	2.651	-0.011	50188410	1941.70	14000	85.99- 128.98	225.23
2.984	2.994	-0.010	148845904	1992.12	14000	248.56- 372.85	667.98
3.168	3.178	-0.010	57134786	1710.19	12000	111.14- 166.71	256.41
3.488	3.499	-0.011	77433575	2086.36	15000	123.47- 185.20	347.50
3.851	3.861	-0.010	73993174	2143.56	16000	114.83- 172.25	332.06
4.933	4.941	-0.008	49490765	2354.05	17000	69.94- 104.91	222.10
Average of Peak Concentrations =					14000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.878	5.887	-0.009	22820942	424.265	3100	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.329	6.337	-0.008	36472336	378.736	2800	145.55- 218.32	159.82
6.765	6.773	-0.008	34228166	374.999	2700	140.64- 210.95	149.99
6.961	6.970	-0.009	19155021	410.774	3000	73.78- 110.68	83.94
7.378	7.387	-0.009	19833021	408.789	3000	75.71- 113.56	86.91
8.609	8.621	-0.012	23301210	376.547	2800	96.73- 145.09	102.10
8.820	8.833	-0.013	15497597	447.080	3300	53.49- 80.23	67.91
9.977	9.984	-0.007	12344191	406.294	3000	47.38- 71.07	54.09
		Average of Peak Concentrations =			3000		

QC Flag Legend

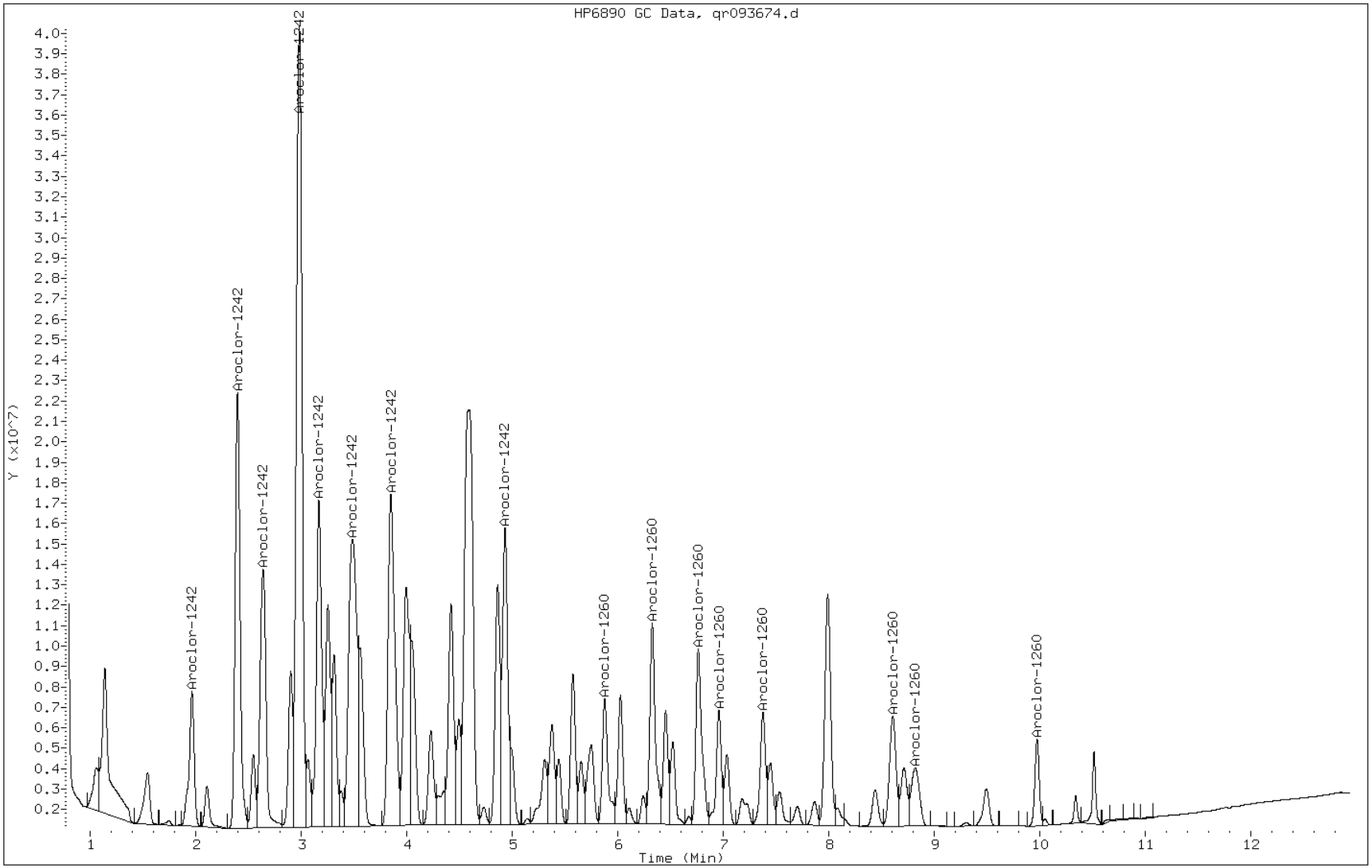
M - Compound response manually integrated.

Data File: qr093674.d

Date: 19-MAR-2013 09:14

Client ID: PMP-28-NE-WT Instrument: PESTGC8.i

Sample Info: 460-52450-F-42-A Operator:



Manual Integration Report

Data File: qr093674.d
Inj. Date and Time: 19-MAR-2013 09:14
Instrument ID: PESTGC8.i
Client ID: PMP-28-NE-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.98

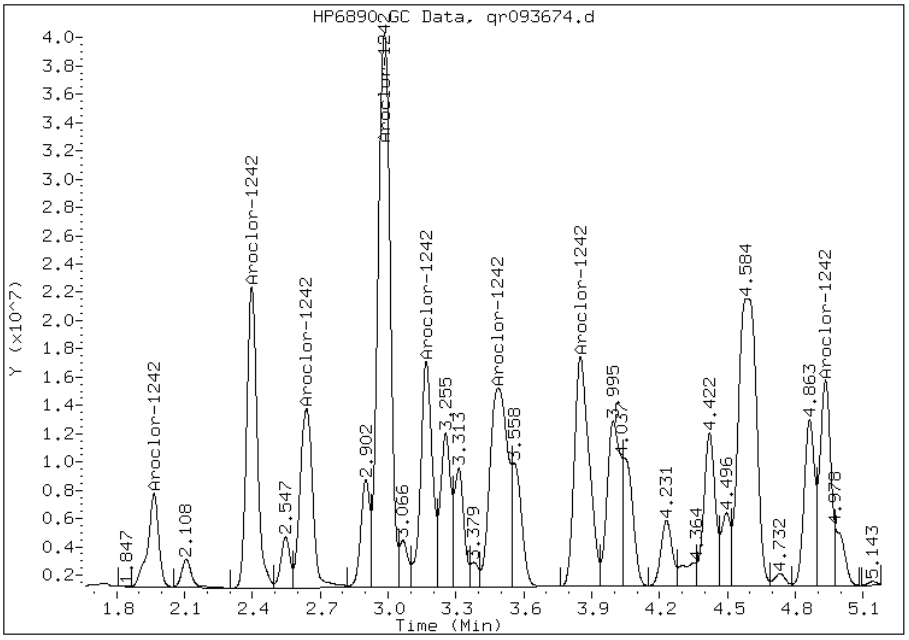
Manual Integration Results

RT: 1.97

Response: 22282888

Amount: 1873.98

Conc: 14000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: qr093674.d
Inj. Date and Time: 19-MAR-2013 09:14
Instrument ID: PESTGC8.i
Client ID: PMP-28-NE-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 5.89

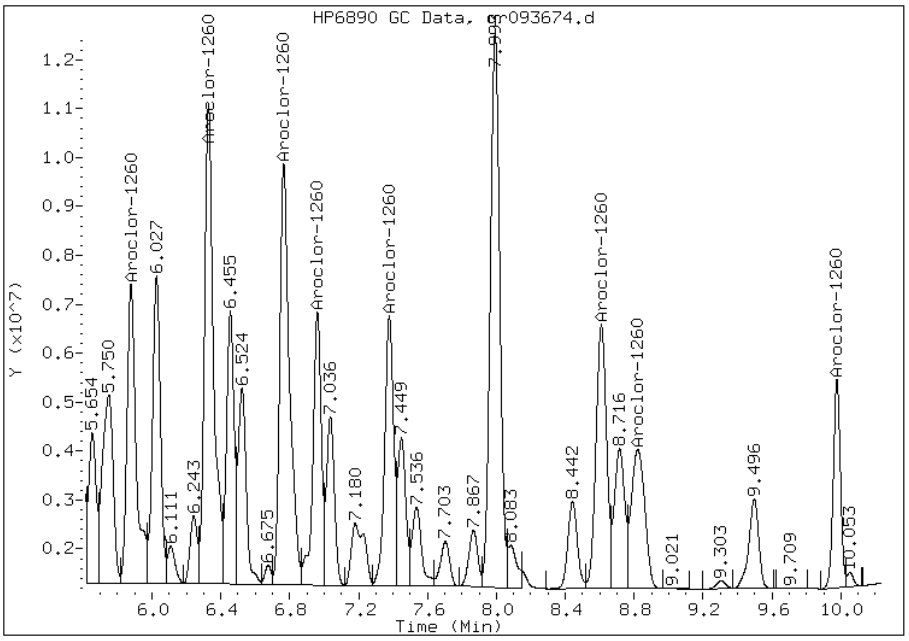
Manual Integration Results

RT: 5.88

Response: 22820942

Amount: 403.44

Conc: 3000.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI Lab Sample ID: 460-52450-43

Matrix: Solid Lab File ID: of200707.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:45

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 17:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	110		77	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		45-138

Data File: of200707.d
Report Date: 18-Mar-2013 23:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/of200707.d
Lab Smp Id: 460-52450-F-43-A Client Smp ID: PMP-28-NE-SI
Inj Date : 18-MAR-2013 17:10
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-43-A
Misc Info : 460-52450-F-43-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.598	3.590	0.008	27788	254.913	170	80.00- 120.00	100.00(M)
4.145	4.140	0.005	51074	194.851	130	192.36- 288.54	183.80
4.448	4.447	0.001	13642	295.872	200	33.84- 50.76	49.10
4.563	4.562	0.001	13652	89.6766	60	111.73- 167.59	49.13
4.908	4.908	0.000	18277	96.9174	64	138.40- 207.60	65.78
5.070	5.068	0.002	17135	70.7872	47	177.65- 266.48	61.67
5.393	5.393	0.000	15922	75.4269	50	154.92- 232.38	57.30
5.453	5.453	0.000	24998	82.6999	55	221.84- 332.76	89.96
Average of Peak Concentrations =					96		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.727	10.727	0.000	198902	54.0765	36	80.00- 120.00	100.00

Data File: of200707.d
Report Date: 18-Mar-2013 23:55

QC Flag Legend

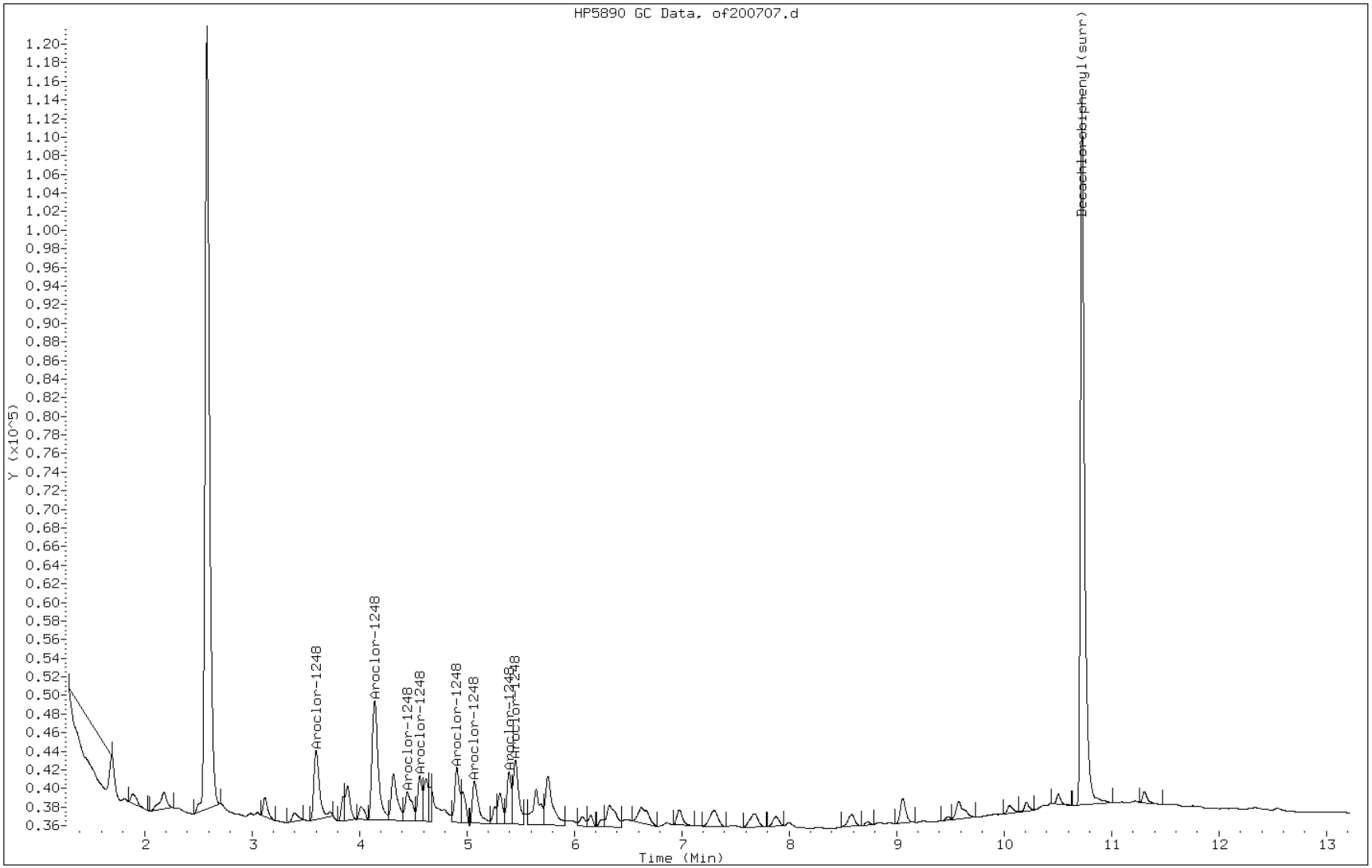
M - Compound response manually integrated.

Data File: of200707.d

Date: 18-MAR-2013 17:10

Client ID: PMP-28-NE-SI Instrument: PESTGC7.i

Sample Info: 460-52450-F-43-A Operator:



Manual Integration Report

Data File: of200707.d
Inj. Date and Time: 18-MAR-2013 17:10
Instrument ID: PESTGC7.i
Client ID: PMP-28-NE-SI
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 3.59

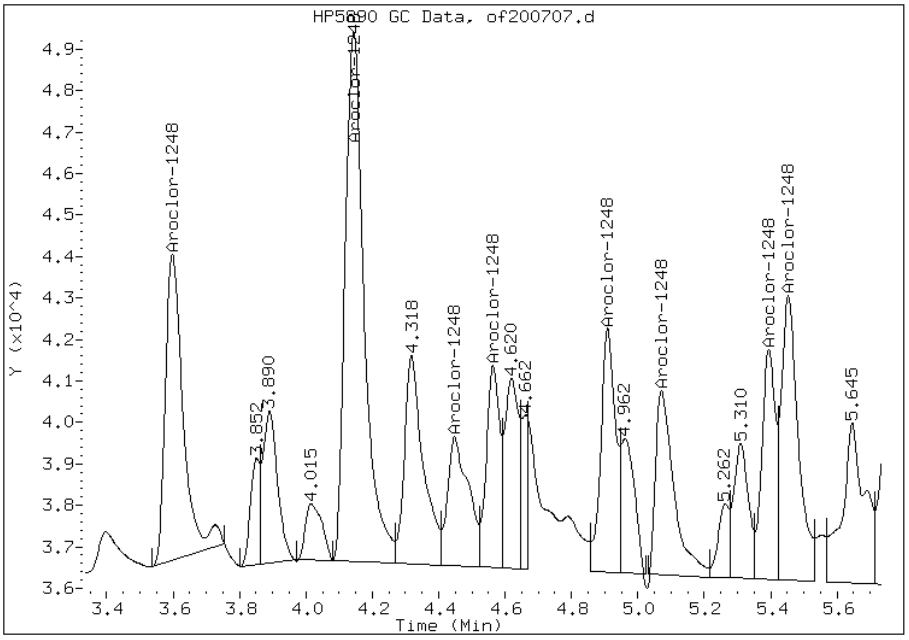
Manual Integration Results

RT: 3.60

Response: 27788

Amount: 145.14

Conc: 96.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI Lab Sample ID: 460-52450-43

Matrix: Solid Lab File ID: or200707.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:45

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 17:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	77	17
11104-28-2	Aroclor 1221	17	U	77	17
11141-16-5	Aroclor 1232	17	U	77	17
53469-21-9	Aroclor 1242	17	U	77	17
11097-69-1	Aroclor 1254	22	U	77	22
11096-82-5	Aroclor 1260	22	U	77	22
37324-23-5	Aroclor 1262	22	U	77	22
11100-14-4	Aroclor 1268	22	U	77	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/or200707.d
Lab Smp Id: 460-52450-F-43-A Client Smp ID: PMP-28-NE-SI
Inj Date : 18-MAR-2013 17:10
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-43-A
Misc Info : 460-52450-F-43-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.05000	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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.408	2.400	0.008	21392	240.476	160	80.00- 120.00	100.00(M)
2.840	2.835	0.005	46335	177.562	120	234.68- 352.01	216.60
3.037	3.033	0.004	8776	163.509	110	48.27- 72.40	41.02
3.153	3.180	-0.027	55137	205.017	140	241.86- 362.79	257.75
3.405	3.402	0.003	17565	77.8194	52	202.99- 304.48	82.11
3.518	3.493	0.025	10408	76.1955	51	122.84- 184.26	48.65
3.760	3.767	-0.007	5076	44.1810	29	103.32- 154.98	23.73
4.112	4.112	0.000	17408	64.7727	43	241.69- 362.54	81.38
Average of Peak Concentrations =					87		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.000	9.005	-0.005	270167	51.6803	34	80.00- 120.00	100.00

QC Flag Legend

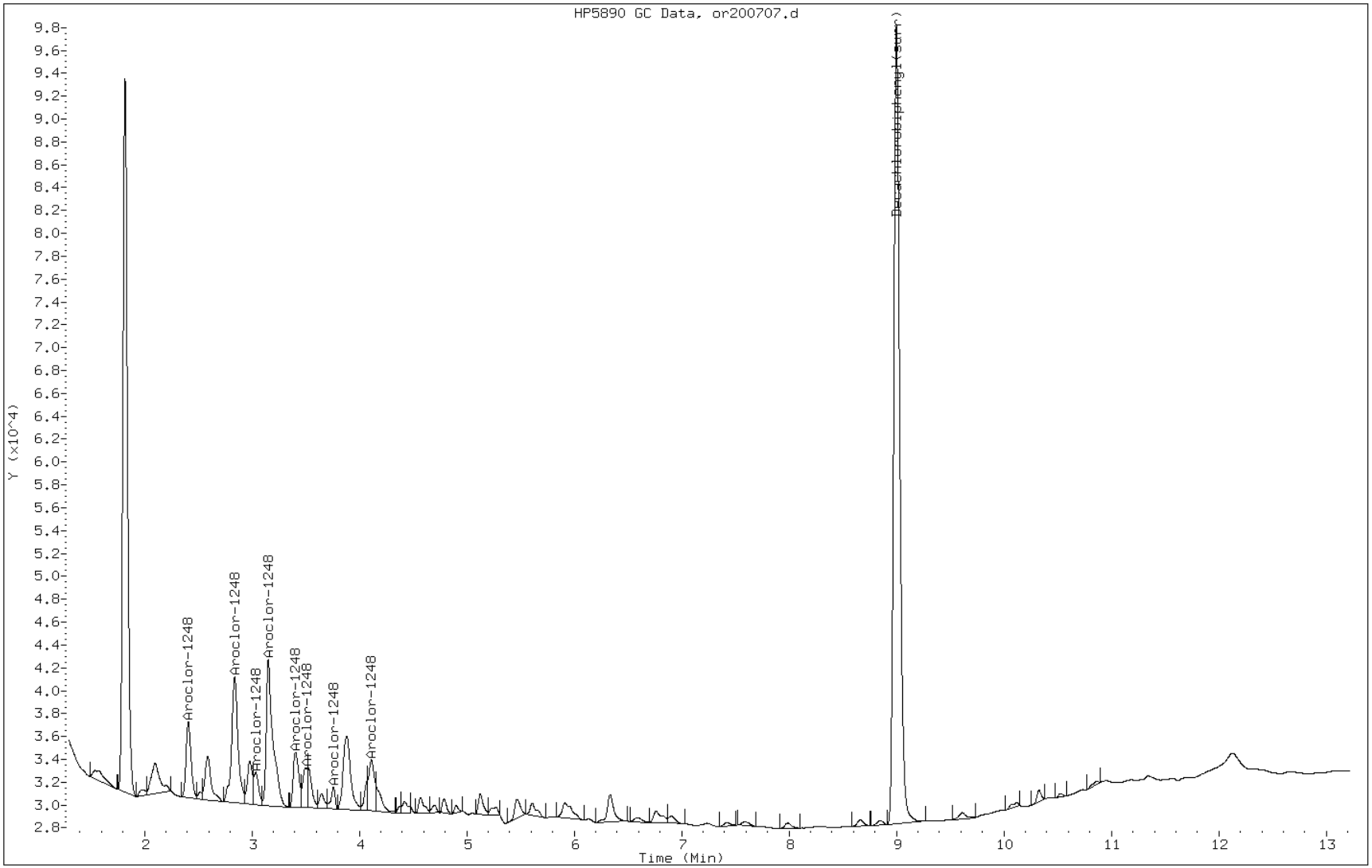
M - Compound response manually integrated.

Data File: or200707.d

Date: 18-MAR-2013 17:10

Client ID: PMP-28-NE-SI Instrument: PESTGC7.i

Sample Info: 460-52450-F-43-A Operator:



Manual Integration Report

Data File: or200707.d
Inj. Date and Time: 18-MAR-2013 17:10
Instrument ID: PESTGC7.i
Client ID: PMP-28-NE-SI
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.40

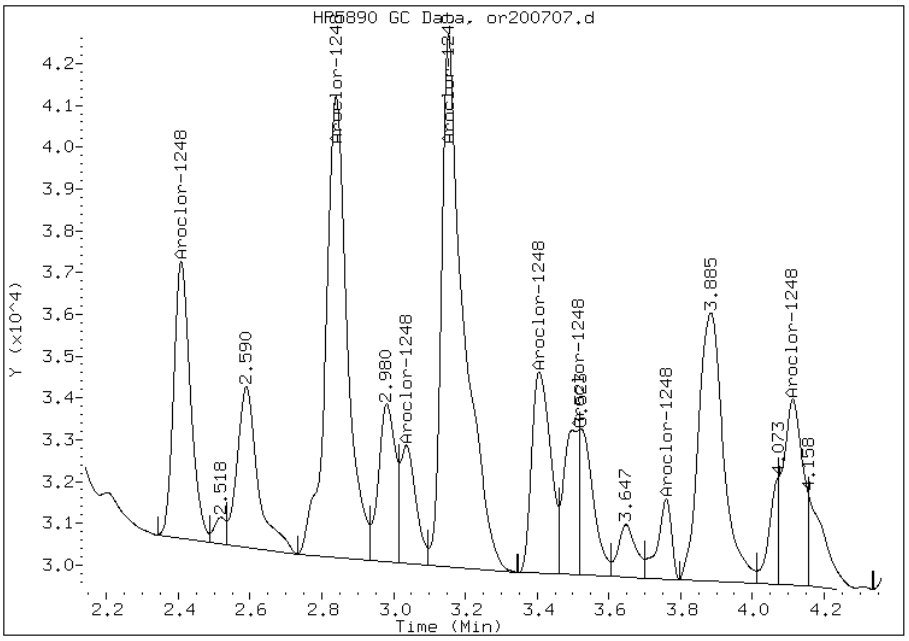
Manual Integration Results

RT: 2.41

Response: 21392

Amount: 131.19

Conc: 87.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD Lab Sample ID: 460-52450-44

Matrix: Solid Lab File ID: of200708.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:50

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 17:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	57	J	76	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		45-138

Data File: of200708.d
Report Date: 18-Mar-2013 23:56

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/of200708.d
Lab Smp Id: 460-52450-F-44-A Client Smp ID: PMP-28-NE-SD
Inj Date : 18-MAR-2013 17:27
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-44-A
Misc Info : 460-52450-F-44-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13c.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.598	3.590	0.008	13506	123.903	83	80.00- 120.00	100.00(M)
4.145	4.140	0.005	26188	99.9123	67	192.36- 288.54	193.90
4.448	4.447	0.001	8226	178.414	120	33.84- 50.76	60.91
4.565	4.562	0.003	7932	52.1075	35	111.73- 167.59	58.73
4.910	4.908	0.002	9438	50.0490	33	138.40- 207.60	69.88
5.077	5.068	0.009	6528	26.9699	18	177.65- 266.48	48.34
5.395	5.393	0.002	6997	33.1481	22	154.92- 232.38	51.81
5.453	5.453	0.000	12380	40.9568	27	221.84- 332.76	91.66
Average of Peak Concentrations =					50		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.730	10.727	0.003	167917	45.6524	30	80.00- 120.00	100.00

Data File: of200708.d
Report Date: 18-Mar-2013 23:56

QC Flag Legend

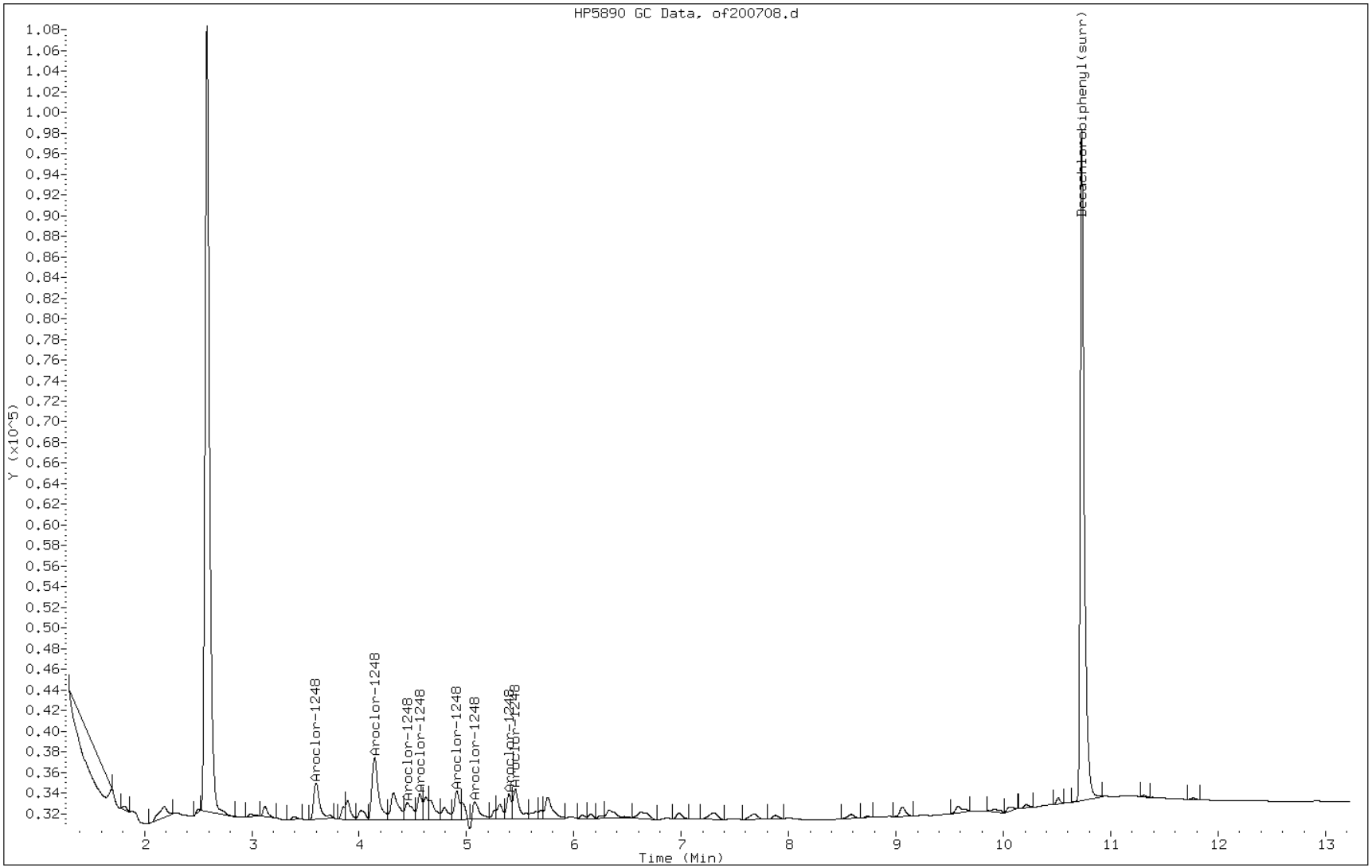
M - Compound response manually integrated.

Data File: of200708.d

Date: 18-MAR-2013 17:27

Client ID: PMP-28-NE-SD Instrument: PESTGC7.i

Sample Info: 460-52450-F-44-A Operator:



Manual Integration Report

Data File: of200708.d
Inj. Date and Time: 18-MAR-2013 17:27
Instrument ID: PESTGC7.i
Client ID: PMP-28-NE-SD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 3.59

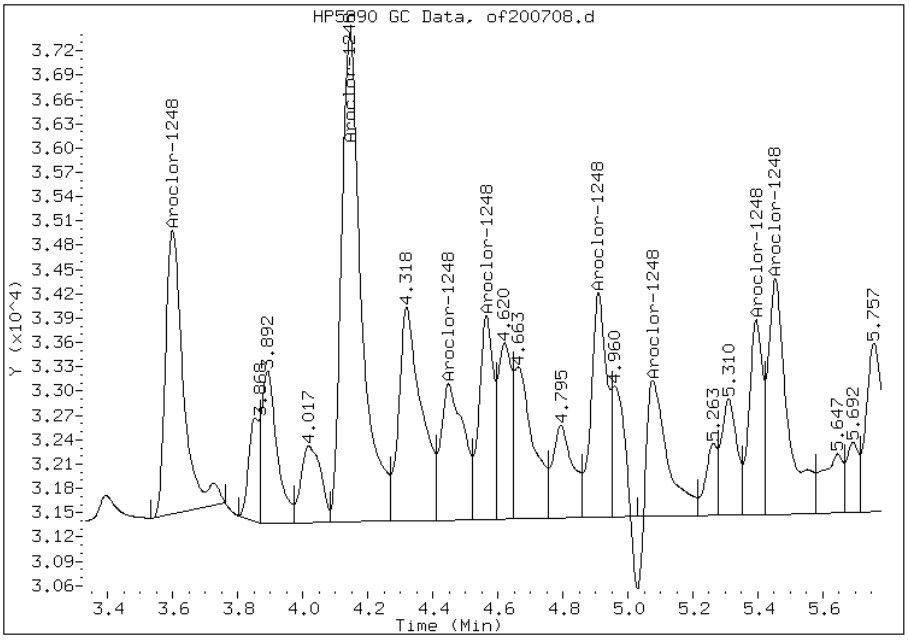
Manual Integration Results

RT: 3.60

Response: 13506

Amount: 75.68

Conc: 50.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD Lab Sample ID: 460-52450-44

Matrix: Solid Lab File ID: or200708.d

Analysis Method: 8082 Date Collected: 03/14/2013 17:50

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 17:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	76	17
11104-28-2	Aroclor 1221	17	U	76	17
11141-16-5	Aroclor 1232	17	U	76	17
53469-21-9	Aroclor 1242	17	U	76	17
11097-69-1	Aroclor 1254	22	U	76	22
11096-82-5	Aroclor 1260	22	U	76	22
37324-23-5	Aroclor 1262	22	U	76	22
11100-14-4	Aroclor 1268	22	U	76	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/or200708.d
Lab Smp Id: 460-52450-F-44-A Client Smp ID: PMP-28-NE-SD
Inj Date : 18-MAR-2013 17:27
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-F-44-A
Misc Info : 460-52450-F-44-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13c.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.408	2.400	0.008	10330	116.124	77	80.00- 120.00	100.00(M)
2.842	2.835	0.007	21418	82.0767	55	234.68- 352.01	207.34
2.978	3.033	-0.055	5491	102.305	68	48.27- 72.40	53.16
3.163	3.180	-0.017	16443	61.1403	41	241.86- 362.79	159.18
3.407	3.402	0.005	7579	33.5777	22	202.99- 304.48	73.37
3.500	3.493	0.007	8672	63.4865	42	122.84- 184.26	83.95
3.755	3.767	-0.012	0			103.32- 154.98	0.00
4.112	4.112	0.000	7625	28.3716	19	241.69- 362.54	73.81
Average of Peak Concentrations =					46		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.000	9.005	-0.005	235767	45.0999	30	80.00- 120.00	100.00

QC Flag Legend

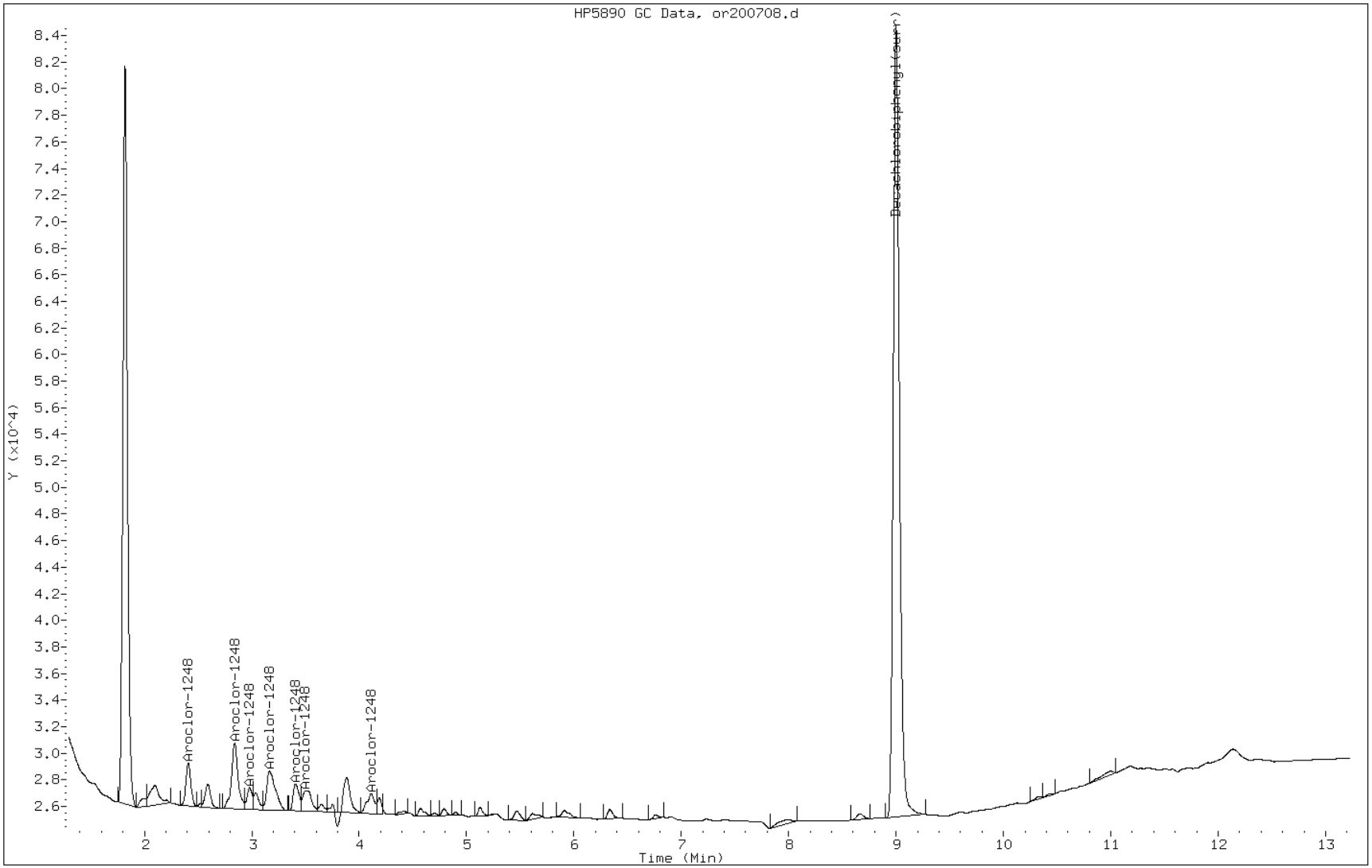
M - Compound response manually integrated.

Data File: or200708.d

Date: 18-MAR-2013 17:27

Client ID: PMP-28-NE-SD Instrument: PESTGC7.i

Sample Info: 460-52450-F-44-A Operator:



Manual Integration Report

Data File: or200708.d
Inj. Date and Time: 18-MAR-2013 17:27
Instrument ID: PESTGC7.i
Client ID: PMP-28-NE-SD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.40

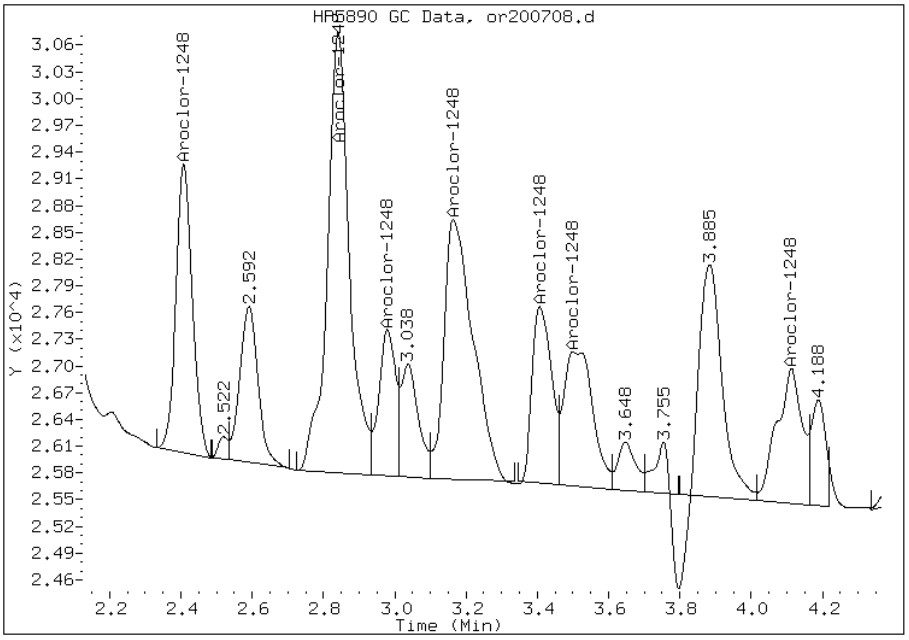
Manual Integration Results

RT: 2.41

Response: 10330

Amount: 69.58

Conc: 46.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 Lab Sample ID: 460-52450-45

Matrix: Water Lab File ID: of200912.d

Analysis Method: 8082 Date Collected: 03/15/2013 07:30

Extraction Method: 3510C Date Extracted: 03/20/2013 14:11

Sample wt/vol: 960(mL) Date Analyzed: 03/21/2013 08:39

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.: 152113 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		10-150

Data File: of200912.d
Report Date: 21-Mar-2013 13:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-21-13/21mar13a.b/of200912.d
Lab Smp Id: 460-52450-H-45-A Client Smp ID: FB_031513
Inj Date : 21-MAR-2013 08:39
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-H-45-A
Misc Info : 460-52450-H-45-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar13/03-21-13/21mar13a.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

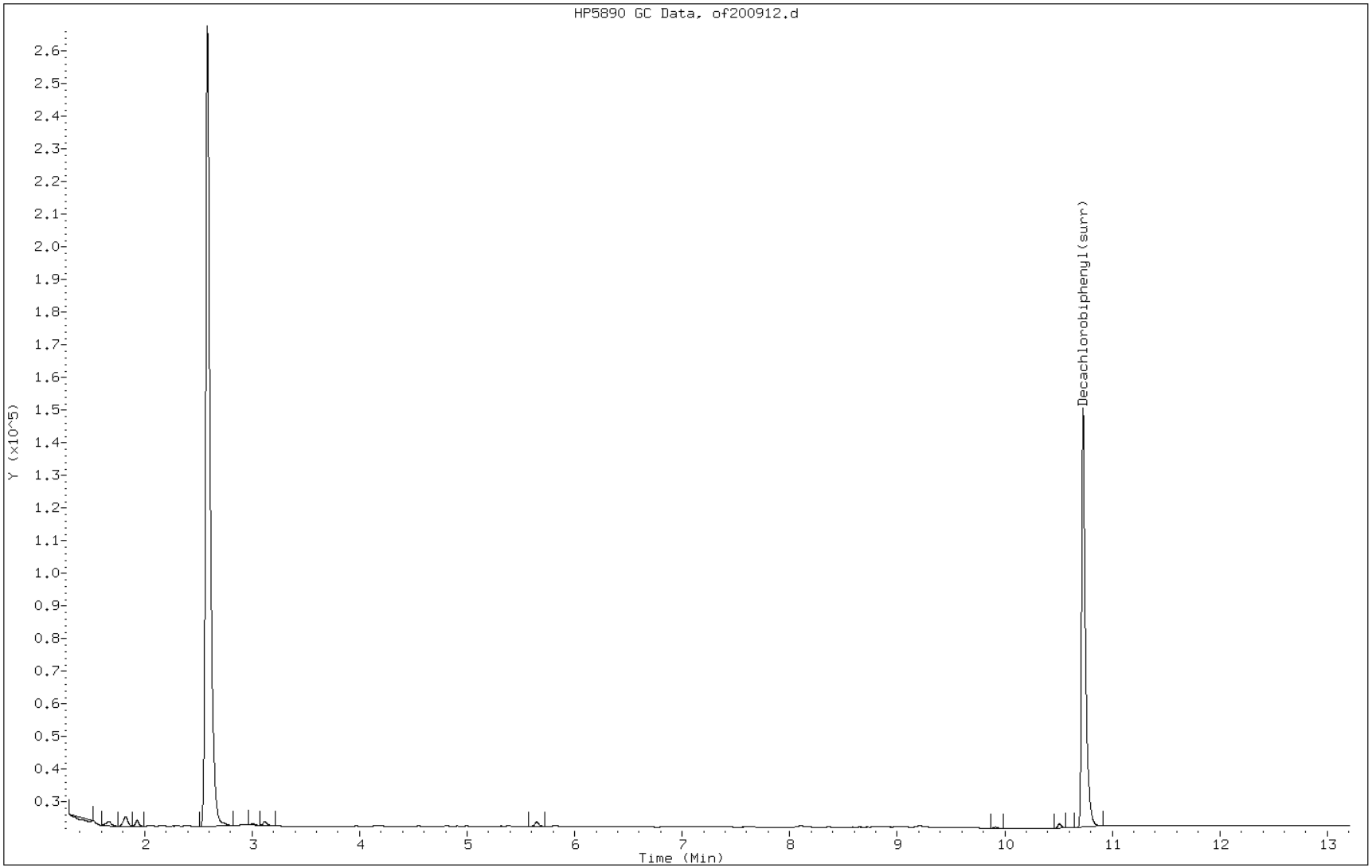
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.728	10.727	0.001	318222	86.5164	0.45	80.00- 120.00	100.00

Data File: of200912.d

Date: 21-MAR-2013 08:39

Client ID: FB_031513 Instrument: PESTGC7.i

Sample Info: 460-52450-H-45-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 | Lab Sample ID: 460-52450-45

Matrix: Water | Lab File ID: or200912.d

Analysis Method: 8082 | Date Collected: 03/15/2013 07:30

Extraction Method: 3510C | Date Extracted: 03/20/2013 14:11

Sample wt/vol: 960(mL) | Date Analyzed: 03/21/2013 08:39

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.: 152113 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.079	U	0.52	0.079
11104-28-2	Aroclor 1221	0.079	U	0.52	0.079
11141-16-5	Aroclor 1232	0.079	U	0.52	0.079
53469-21-9	Aroclor 1242	0.079	U	0.52	0.079
12672-29-6	Aroclor 1248	0.079	U	0.52	0.079
11097-69-1	Aroclor 1254	0.086	U	0.52	0.086
11096-82-5	Aroclor 1260	0.086	U	0.52	0.086
37324-23-5	Aroclor 1262	0.086	U	0.52	0.086
11100-14-4	Aroclor 1268	0.086	U	0.52	0.086

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		10-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-21-13/21mar13a.b/or200912.d
Lab Smp Id: 460-52450-H-45-A Client Smp ID: FB_031513
Inj Date : 21-MAR-2013 08:39
Operator : Inst ID: PESTGC7.i
Smp Info : 460-52450-H-45-A
Misc Info : 460-52450-H-45-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-21-13/21mar13a.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

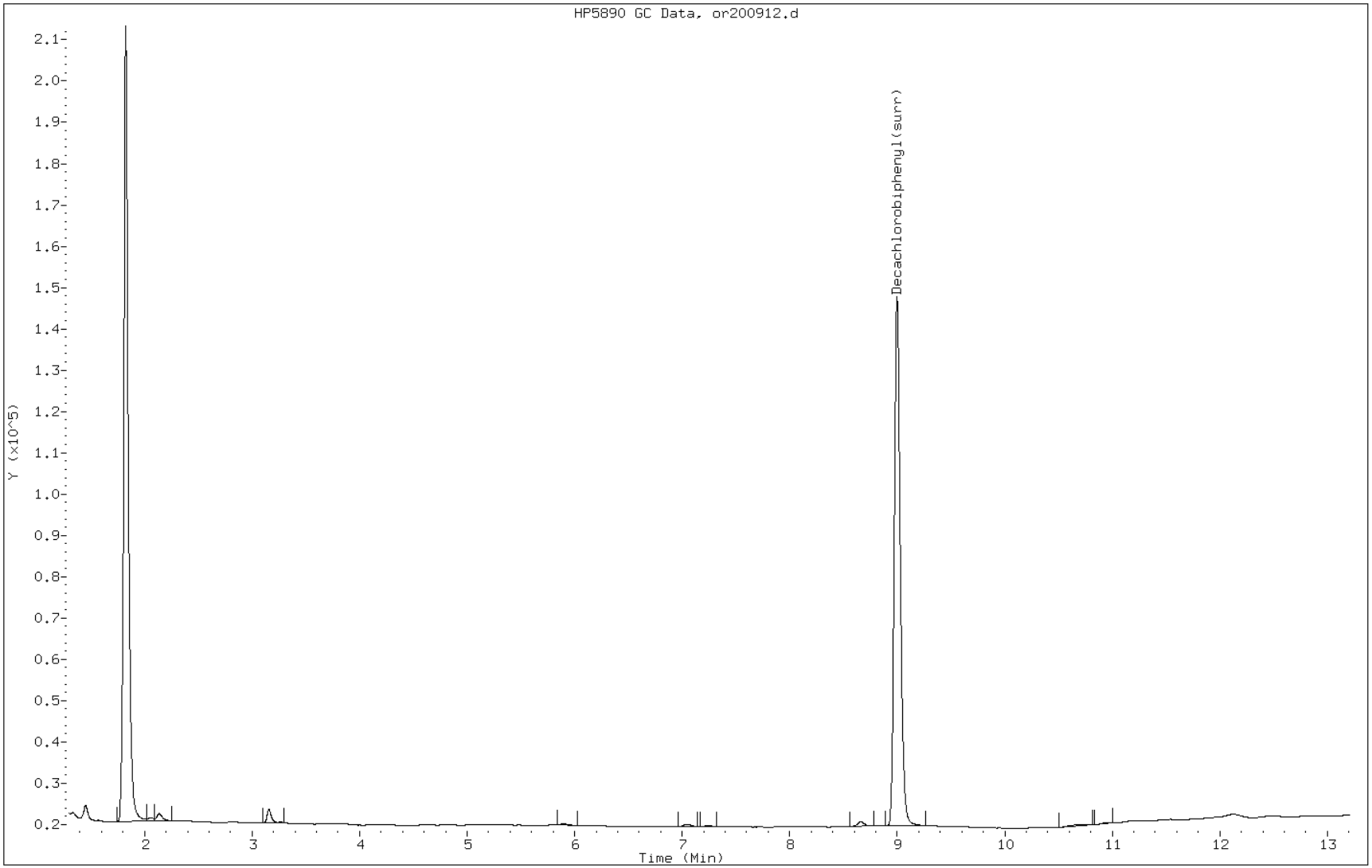
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.998	9.005	-0.007	495595	94.8024	0.49	80.00- 120.00	100.00

Data File: or200912.d

Date: 21-MAR-2013 08:39

Client ID: FB_031513 Instrument: PESTGC7.i

Sample Info: 460-52450-H-45-A Operator:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 15:48 Calibration End Date: 03/08/2013 16:54 Calibration ID: 20611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/4	of200298.d
Level 2	IC 460-150532/5	of200299.d
Level 3	IC 460-150532/6	of200300.d
Level 4	IC 460-150532/7	of200301.d
Level 5	IC 460-150532/8	of200302.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.122	3.120	3.120	3.120	3.120						3.050 - 3.190	3.120
PCB-1016 Peak 2	3.600	3.598	3.600	3.600	3.598						3.530 - 3.670	3.599
PCB-1016 Peak 3	3.893	3.893	3.893	3.893	3.892						3.823 - 3.963	3.893
PCB-1016 Peak 4	4.147	4.145	4.147	4.147	4.147						4.077 - 4.217	4.146
PCB-1016 Peak 5	4.320	4.320	4.320	4.320	4.318						4.250 - 4.390	4.320
PCB-1016 Peak 6	4.623	4.622	4.622	4.622	4.622						4.552 - 4.692	4.622
PCB-1016 Peak 7	4.912	4.912	4.912	4.912	4.912						4.842 - 4.982	4.912
PCB-1016 Peak 8	5.072	5.072	5.072	5.072	5.072						5.002 - 5.142	5.072
PCB-1260 Peak 1	6.633	6.632	6.633	6.632	6.632						6.563 - 6.703	6.632
PCB-1260 Peak 2	6.983	6.983	6.983	6.983	6.983						6.913 - 7.053	6.983
PCB-1260 Peak 3	7.685	7.685	7.685	7.685	7.685						7.615 - 7.755	7.685
PCB-1260 Peak 4	7.887	7.887	7.887	7.887	7.887						7.817 - 7.957	7.887
PCB-1260 Peak 5	8.010	8.012	8.012	8.010	8.010						7.942 - 8.082	8.011
PCB-1260 Peak 6	8.590	8.590	8.590	8.588	8.588						8.520 - 8.660	8.589
PCB-1260 Peak 7	9.587	9.585	9.585	9.585	9.585						9.515 - 9.655	9.585
PCB-1260 Peak 8	10.213	10.212	10.212	10.212	10.212						10.142 - 10.282	10.212
DCB Decachlorobiphenyl	10.727	10.725	10.727	10.725	10.725						10.627 - 10.827	10.726

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 15:48 Calibration End Date: 03/08/2013 16:54 Calibration ID: 20611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/4	of200298.d
Level 2	IC 460-150532/5	of200299.d
Level 3	IC 460-150532/6	of200300.d
Level 4	IC 460-150532/7	of200301.d
Level 5	IC 460-150532/8	of200302.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								
PCB-1016 Peak 1	145.82 103.45	129.53	120.53	115.58	Ave		122.982733				12.9		20.0			
PCB-1016 Peak 2	330.99 217.63	282.70	258.60	245.51	Ave		267.084987				16.0		20.0			
PCB-1016 Peak 3	132.42 102.17	124.55	117.87	113.90	Ave		118.182453				9.6		20.0			
PCB-1016 Peak 4	551.70 421.87	509.65	480.14	464.22	Ave		485.516120				10.0		20.0			
PCB-1016 Peak 5	234.83 182.55	219.15	208.55	200.75	Ave		209.165320				9.4		20.0			
PCB-1016 Peak 6	155.71 112.22	136.19	128.23	123.62	Ave		131.195120				12.4		20.0			
PCB-1016 Peak 7	150.16 126.95	155.04	145.68	141.93	Ave		143.951787				7.4		20.0			
PCB-1016 Peak 8	166.56 151.68	168.81	166.30	166.15	Ave		163.900907				4.2		20.0			
PCB-1260 Peak 1	403.05 286.57	342.90	322.75	315.95	Ave		334.243667				13.0		20.0			
PCB-1260 Peak 2	472.05 321.92	382.22	368.87	355.52	Ave		380.116187				14.8		20.0			
PCB-1260 Peak 3	617.17 487.94	558.53	547.78	532.44	Ave		548.771893				8.5		20.0			
PCB-1260 Peak 4	306.22 226.90	266.67	258.40	248.80	Ave		261.398280				11.1		20.0			
PCB-1260 Peak 5	169.18 137.10	151.27	151.28	148.72	Ave		151.507907				7.6		20.0			
PCB-1260 Peak 6	338.11 272.14	311.78	305.27	297.24	Ave		304.908893				7.8		20.0			
PCB-1260 Peak 7	407.58 325.78	387.49	384.97	376.90	Ave		376.542387				8.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 15:48 Calibration End Date: 03/08/2013 16:54 Calibration ID: 20611

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								
PCB-1260 Peak 8	159.11 109.23	123.30	121.66	118.02	Ave		126.264493				15.2		20.0			
DCB Decachlorobiphenyl	4142.1 3288.2	4018.7	3505.9	3435.9	Ave		3678.16767				10.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 15:48 Calibration End Date: 03/08/2013 16:54 Calibration ID: 20611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/4	of200298.d
Level 2	IC 460-150532/5	of200299.d
Level 3	IC 460-150532/6	of200300.d
Level 4	IC 460-150532/7	of200301.d
Level 5	IC 460-150532/8	of200302.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
PCB-1016 Peak 1	Ave	14582	64766	120527	173377	258625	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	33099	141351	258598	368264	544064	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	13242	62277	117870	170848	255424	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	55170	254827	480139	696330	1054669	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	23483	109574	208553	301125	456364	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	15571	68097	128232	185427	280554	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	15016	77521	145682	212894	317364	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	16656	84407	166304	249224	379193	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	40305	171450	322745	473930	716425	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	47205	191109	368872	533282	804799	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	61717	279266	547778	798658	1219852	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	30622	133335	258397	373200	567261	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	16918	75633	151275	223076	342753	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	33811	155891	305267	445861	680362	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	40758	193743	384965	565355	814444	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	15911	61650	121657	177031	273087	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	103552	200936	350588	515390	657645	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 15:48 Calibration End Date: 03/08/2013 16:54 Calibration ID: 20603

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/4	or200298.d
Level 2	IC 460-150532/5	or200299.d
Level 3	IC 460-150532/6	or200300.d
Level 4	IC 460-150532/7	or200301.d
Level 5	IC 460-150532/8	or200302.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.098	2.097	2.095	2.095	2.093						2.025 - 2.165	2.096
PCB-1016 Peak 2	2.407	2.407	2.405	2.405	2.405						2.335 - 2.475	2.406
PCB-1016 Peak 3	2.590	2.588	2.588	2.587	2.587						2.518 - 2.658	2.588
PCB-1016 Peak 4	2.842	2.840	2.840	2.840	2.840						2.770 - 2.910	2.840
PCB-1016 Peak 5	2.980	2.980	2.978	2.978	2.978						2.908 - 3.048	2.979
PCB-1016 Peak 6	3.180	3.185	3.185	3.185	3.183						3.115 - 3.255	3.184
PCB-1016 Peak 7	3.405	3.405	3.403	3.403	3.403						3.333 - 3.473	3.404
PCB-1016 Peak 8	3.498	3.498	3.497	3.497	3.497						3.427 - 3.567	3.497
PCB-1260 Peak 1	4.792	4.790	4.790	4.790	4.790						4.720 - 4.860	4.790
PCB-1260 Peak 2	5.130	5.130	5.128	5.128	5.128						5.058 - 5.198	5.129
PCB-1260 Peak 3	5.472	5.470	5.470	5.468	5.468						5.400 - 5.540	5.470
PCB-1260 Peak 4	5.615	5.613	5.613	5.612	5.612						5.543 - 5.683	5.613
PCB-1260 Peak 5	5.918	5.917	5.917	5.917	5.915						5.847 - 5.987	5.917
PCB-1260 Peak 6	6.768	6.768	6.767	6.767	6.765						6.697 - 6.837	6.767
PCB-1260 Peak 7	6.910	6.910	6.908	6.908	6.907						6.838 - 6.978	6.909
PCB-1260 Peak 8	7.995	7.997	7.995	7.995	7.995						7.925 - 8.065	7.995
DCB Decachlorobiphenyl	9.007	9.007	9.005	9.005	9.005						8.905 - 9.105	9.006

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 15:48 Calibration End Date: 03/08/2013 16:54 Calibration ID: 20603

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/4	or200298.d
Level 2	IC 460-150532/5	or200299.d
Level 3	IC 460-150532/6	or200300.d
Level 4	IC 460-150532/7	or200301.d
Level 5	IC 460-150532/8	or200302.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								
PCB-1016 Peak 1	148.61 103.67	125.67	118.43	115.06	Ave		122.286067				13.7		20.0			
PCB-1016 Peak 2	262.49 173.34	223.42	206.40	194.89	Ave		212.108987				15.8		20.0			
PCB-1016 Peak 3	152.16 131.08	154.93	152.87	145.31	Ave		147.269080				6.6		20.0			
PCB-1016 Peak 4	481.88 390.11	466.70	446.67	431.63	Ave		443.399293				8.0		20.0			
PCB-1016 Peak 5	184.67 147.10	183.39	172.27	165.01	Ave		170.487960				9.0		20.0			
PCB-1016 Peak 6	130.87 156.33	226.30	210.80	199.84	Ave								20.0			
PCB-1016 Peak 7	196.08 155.13	189.72	179.65	172.45	Ave		178.605147				8.9		20.0			
PCB-1016 Peak 8	78.770 82.249	82.184	82.673	74.862	Ave		80.1475600				4.2		20.0			
PCB-1260 Peak 1	321.57 218.31	268.75	251.21	241.40	Ave		260.248040				14.9		20.0			
PCB-1260 Peak 2	563.43 391.26	471.92	447.71	432.20	Ave		461.304267				13.9		20.0			
PCB-1260 Peak 3	483.87 388.71	444.92	437.10	422.78	Ave		435.478240				7.9		20.0			
PCB-1260 Peak 4	248.01 178.81	211.79	203.51	194.45	Ave		207.313960				12.5		20.0			
PCB-1260 Peak 5	287.05 194.27	219.54	226.20	229.21	Ave		231.253147				14.7		20.0			
PCB-1260 Peak 6	277.87 264.65	282.04	290.62	273.32	Ave		277.700920				3.5		20.0			
PCB-1260 Peak 7	148.94 141.02	157.64	158.99	154.26	Ave		152.169427				4.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 15:48 Calibration End Date: 03/08/2013 16:54 Calibration ID: 20603

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								
PCB-1260 Peak 8	136.83 131.77	140.83	141.03	154.32	Ave		140.954733				5.9		20.0			
DCB Decachlorobiphenyl	5969.2 4611.0	5712.8	4987.4	4857.9	Ave		5227.66400				11.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 15:48 Calibration End Date: 03/08/2013 16:54 Calibration ID: 20603

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/4	or200298.d
Level 2	IC 460-150532/5	or200299.d
Level 3	IC 460-150532/6	or200300.d
Level 4	IC 460-150532/7	or200301.d
Level 5	IC 460-150532/8	or200302.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
PCB-1016 Peak 1	Ave	14861	62834	118425	172586	259175	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	26249	111712	206402	292331	433354	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	15216	77463	152865	217965	327711	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	48188	233352	446673	647449	975267	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	18467	91693	172267	247521	367757	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	13087	113150	210798	299757	390825	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	19608	94861	179648	258674	387816	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	7877	41092	82673	112293	205622	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	32157	134373	251213	362106	545768	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	56343	235961	447712	648302	978140	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	48387	222461	437104	634173	971783	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	24801	105894	203507	291678	447032	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	28705	109768	226204	343814	485666	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	27787	141022	290621	409986	661614	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	14894	78822	158987	231383	352552	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	13683	70413	141029	231481	329420	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	149231	285641	498741	728685	922190	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:10 Calibration End Date: 03/08/2013 17:10 Calibration ID: 20612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/9	of200303.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.120										2.050 - 2.190	2.120
PCB-1221 Peak 2	2.478										2.408 - 2.548	2.478
PCB-1221 Peak 3	2.892										2.822 - 2.962	2.892
PCB-1221 Peak 4	3.050										2.980 - 3.120	3.050
PCB-1221 Peak 5	3.122										3.052 - 3.192	3.122
PCB-1221 Peak 6	3.590										3.520 - 3.660	3.590
PCB-1221 Peak 7	3.895										3.825 - 3.965	3.895
PCB-1221 Peak 8	4.018										3.948 - 4.088	4.018

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:10 Calibration End Date: 03/08/2013 17:10 Calibration ID: 20612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/9	of200303.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								
PCB-1221 Peak 1	49.375				Ave		49.3750000						20.0			
PCB-1221 Peak 2	11.971				Ave		11.9710000						20.0			
PCB-1221 Peak 3	66.619				Ave		66.6190000						20.0			
PCB-1221 Peak 4	53.964				Ave		53.9640000						20.0			
PCB-1221 Peak 5	156.79				Ave		156.793000						20.0			
PCB-1221 Peak 6	28.893				Ave		28.8930000						20.0			
PCB-1221 Peak 7	6.1560				Ave		6.15600000						20.0			
PCB-1221 Peak 8	6.4400				Ave		6.44000000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:10 Calibration End Date: 03/08/2013 17:10 Calibration ID: 20612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/9	of200303.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	49375					1000				
PCB-1221 Peak 2	Ave	11971					1000				
PCB-1221 Peak 3	Ave	66619					1000				
PCB-1221 Peak 4	Ave	53964					1000				
PCB-1221 Peak 5	Ave	156793					1000				
PCB-1221 Peak 6	Ave	28893					1000				
PCB-1221 Peak 7	Ave	6156					1000				
PCB-1221 Peak 8	Ave	6440					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:10 Calibration End Date: 03/08/2013 17:10 Calibration ID: 20604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/9	or200303.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.448										1.378 - 1.518	1.448
PCB-1221 Peak 2	1.712										1.642 - 1.782	1.712
PCB-1221 Peak 3	1.943										1.873 - 2.013	1.943
PCB-1221 Peak 4	2.095										2.025 - 2.165	2.095
PCB-1221 Peak 5	2.463										2.393 - 2.533	2.463
PCB-1221 Peak 6	2.523										2.453 - 2.593	2.523
PCB-1221 Peak 7	2.843										2.773 - 2.913	2.843
PCB-1221 Peak 8	3.153										3.083 - 3.223	3.153

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:10 Calibration End Date: 03/08/2013 17:10 Calibration ID: 20604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/9	or200303.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								
PCB-1221 Peak 1	54.266				Ave		54.2660000						20.0			
PCB-1221 Peak 2	12.825				Ave		12.8250000						20.0			
PCB-1221 Peak 3	55.020				Ave		55.0200000						20.0			
PCB-1221 Peak 4	157.30				Ave		157.297000						20.0			
PCB-1221 Peak 5	12.314				Ave		12.3140000						20.0			
PCB-1221 Peak 6	25.126				Ave		25.1260000						20.0			
PCB-1221 Peak 7	25.051				Ave		25.0510000						20.0			
PCB-1221 Peak 8	22.298				Ave		22.2980000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:10 Calibration End Date: 03/08/2013 17:10 Calibration ID: 20604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/9	or200303.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	54266					1000				
PCB-1221 Peak 2	Ave	12825					1000				
PCB-1221 Peak 3	Ave	55020					1000				
PCB-1221 Peak 4	Ave	157297					1000				
PCB-1221 Peak 5	Ave	12314					1000				
PCB-1221 Peak 6	Ave	25126					1000				
PCB-1221 Peak 7	Ave	25051					1000				
PCB-1221 Peak 8	Ave	22298					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:27 Calibration End Date: 03/08/2013 17:27 Calibration ID: 20613

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/10	of200304.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.122										3.052 - 3.192	3.122
PCB-1232 Peak 2	3.600										3.530 - 3.670	3.600
PCB-1232 Peak 3	3.893										3.823 - 3.963	3.893
PCB-1232 Peak 4	4.320										4.250 - 4.390	4.320
PCB-1232 Peak 5	4.450										4.380 - 4.520	4.450
PCB-1232 Peak 6	4.567										4.497 - 4.637	4.567
PCB-1232 Peak 7	4.912										4.842 - 4.982	4.912
PCB-1232 Peak 8	5.072										5.002 - 5.142	5.072

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:27 Calibration End Date: 03/08/2013 17:27 Calibration ID: 20613

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/10	of200304.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								
PCB-1232 Peak 1	115.73				Ave		115.730000						20.0			
PCB-1232 Peak 2	134.95				Ave		134.947000						20.0			
PCB-1232 Peak 3	56.134				Ave		56.1340000						20.0			
PCB-1232 Peak 4	95.157				Ave		95.1570000						20.0			
PCB-1232 Peak 5	71.305				Ave		71.3050000						20.0			
PCB-1232 Peak 6	55.042				Ave		55.0420000						20.0			
PCB-1232 Peak 7	73.631				Ave		73.6310000						20.0			
PCB-1232 Peak 8	83.908				Ave		83.9080000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:27 Calibration End Date: 03/08/2013 17:27 Calibration ID: 20613

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/10	of200304.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	115730					1000				
PCB-1232 Peak 2	Ave	134947					1000				
PCB-1232 Peak 3	Ave	56134					1000				
PCB-1232 Peak 4	Ave	95157					1000				
PCB-1232 Peak 5	Ave	71305					1000				
PCB-1232 Peak 6	Ave	55042					1000				
PCB-1232 Peak 7	Ave	73631					1000				
PCB-1232 Peak 8	Ave	83908					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:27 Calibration End Date: 03/08/2013 17:27 Calibration ID: 20605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/10	or200304.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.097										2.027 - 2.167	2.097
PCB-1232 Peak 2	2.407										2.337 - 2.477	2.407
PCB-1232 Peak 3	2.590										2.520 - 2.660	2.590
PCB-1232 Peak 4	2.842										2.772 - 2.912	2.842
PCB-1232 Peak 5	2.980										2.910 - 3.050	2.980
PCB-1232 Peak 6	3.040										2.970 - 3.110	3.040
PCB-1232 Peak 7	3.405										3.335 - 3.475	3.405
PCB-1232 Peak 8	3.770										3.700 - 3.840	3.770

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:27 Calibration End Date: 03/08/2013 17:27 Calibration ID: 20605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/10	or200304.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								
PCB-1232 Peak 1	118.37				Ave		118.369000						20.0			
PCB-1232 Peak 2	97.433				Ave		97.4330000						20.0			
PCB-1232 Peak 3	63.720				Ave		63.7200000						20.0			
PCB-1232 Peak 4	190.32				Ave		190.320000						20.0			
PCB-1232 Peak 5	74.154				Ave		74.1540000						20.0			
PCB-1232 Peak 6	51.389				Ave		51.3890000						20.0			
PCB-1232 Peak 7	85.383				Ave		85.3830000						20.0			
PCB-1232 Peak 8	35.246				Ave		35.2460000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:27 Calibration End Date: 03/08/2013 17:27 Calibration ID: 20605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/10	or200304.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	118369					1000				
PCB-1232 Peak 2	Ave	97433					1000				
PCB-1232 Peak 3	Ave	63720					1000				
PCB-1232 Peak 4	Ave	190320					1000				
PCB-1232 Peak 5	Ave	74154					1000				
PCB-1232 Peak 6	Ave	51389					1000				
PCB-1232 Peak 7	Ave	85383					1000				
PCB-1232 Peak 8	Ave	35246					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:43 Calibration End Date: 03/08/2013 17:43 Calibration ID: 20614

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/11	of200305.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.123										3.053 - 3.193	3.123
PCB-1242 Peak 2	3.602										3.532 - 3.672	3.602
PCB-1242 Peak 3	3.895										3.825 - 3.965	3.895
PCB-1242 Peak 4	4.148										4.078 - 4.218	4.148
PCB-1242 Peak 5	4.322										4.252 - 4.392	4.322
PCB-1242 Peak 6	4.568										4.498 - 4.638	4.568
PCB-1242 Peak 7	5.073										5.003 - 5.143	5.073
PCB-1242 Peak 8	5.458										5.388 - 5.528	5.458

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:43 Calibration End Date: 03/08/2013 17:43 Calibration ID: 20614

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/11	of200305.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								
PCB-1242 Peak 1	103.68				Ave		103.680000						20.0			
PCB-1242 Peak 2	210.60				Ave		210.595000						20.0			
PCB-1242 Peak 3	96.143				Ave		96.1430000						20.0			
PCB-1242 Peak 4	388.54				Ave		388.542000						20.0			
PCB-1242 Peak 5	169.73				Ave		169.734000						20.0			
PCB-1242 Peak 6	88.037				Ave		88.0370000						20.0			
PCB-1242 Peak 7	153.83				Ave		153.825000						20.0			
PCB-1242 Peak 8	185.61				Ave		185.610000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:43 Calibration End Date: 03/08/2013 17:43 Calibration ID: 20614

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/11	of200305.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	103680					1000				
PCB-1242 Peak 2	Ave	210595					1000				
PCB-1242 Peak 3	Ave	96143					1000				
PCB-1242 Peak 4	Ave	388542					1000				
PCB-1242 Peak 5	Ave	169734					1000				
PCB-1242 Peak 6	Ave	88037					1000				
PCB-1242 Peak 7	Ave	153825					1000				
PCB-1242 Peak 8	Ave	185610					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:43 Calibration End Date: 03/08/2013 17:43 Calibration ID: 20606

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/11	or200305.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.098										2.028 - 2.168	2.098
PCB-1242 Peak 2	2.408										2.338 - 2.478	2.408
PCB-1242 Peak 3	2.590										2.520 - 2.660	2.590
PCB-1242 Peak 4	2.842										2.772 - 2.912	2.842
PCB-1242 Peak 5	2.980										2.910 - 3.050	2.980
PCB-1242 Peak 6	3.187										3.117 - 3.257	3.187
PCB-1242 Peak 7	3.407										3.337 - 3.477	3.407
PCB-1242 Peak 8	4.115										4.045 - 4.185	4.115

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:43 Calibration End Date: 03/08/2013 17:43 Calibration ID: 20606

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/11	or200305.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								
PCB-1242 Peak 1	105.09				Ave		105.085000						20.0			
PCB-1242 Peak 2	165.11				Ave		165.113000						20.0			
PCB-1242 Peak 3	119.98				Ave		119.975000						20.0			
PCB-1242 Peak 4	354.07				Ave		354.074000						20.0			
PCB-1242 Peak 5	134.65				Ave		134.653000						20.0			
PCB-1242 Peak 6	162.62				Ave		162.624000						20.0			
PCB-1242 Peak 7	147.81				Ave		147.810000						20.0			
PCB-1242 Peak 8	129.36				Ave		129.356000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:43 Calibration End Date: 03/08/2013 17:43 Calibration ID: 20606

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/11	or200305.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	105085					1000				
PCB-1242 Peak 2	Ave	165113					1000				
PCB-1242 Peak 3	Ave	119975					1000				
PCB-1242 Peak 4	Ave	354074					1000				
PCB-1242 Peak 5	Ave	134653					1000				
PCB-1242 Peak 6	Ave	162624					1000				
PCB-1242 Peak 7	Ave	147810					1000				
PCB-1242 Peak 8	Ave	129356					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:59 Calibration End Date: 03/08/2013 17:59 Calibration ID: 20615

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/12	of200306.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.590										3.520 - 3.660	3.590
PCB-1248 Peak 2	4.140										4.070 - 4.210	4.140
PCB-1248 Peak 3	4.447										4.377 - 4.517	4.447
PCB-1248 Peak 4	4.562										4.492 - 4.632	4.562
PCB-1248 Peak 5	4.908										4.838 - 4.978	4.908
PCB-1248 Peak 6	5.068										4.998 - 5.138	5.068
PCB-1248 Peak 7	5.393										5.323 - 5.463	5.393
PCB-1248 Peak 8	5.453										5.383 - 5.523	5.453

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:59 Calibration End Date: 03/08/2013 17:59 Calibration ID: 20615

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/12	of200306.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								
PCB-1248 Peak 1	109.01				Ave		109.010000						20.0			
PCB-1248 Peak 2	262.12				Ave		262.118000						20.0			
PCB-1248 Peak 3	46.110				Ave		46.1100000						20.0			
PCB-1248 Peak 4	152.24				Ave		152.242000						20.0			
PCB-1248 Peak 5	188.59				Ave		188.591000						20.0			
PCB-1248 Peak 6	242.08				Ave		242.075000						20.0			
PCB-1248 Peak 7	211.10				Ave		211.101000						20.0			
PCB-1248 Peak 8	302.28				Ave		302.282000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:59 Calibration End Date: 03/08/2013 17:59 Calibration ID: 20615

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/12	of200306.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	109010					1000				
PCB-1248 Peak 2	Ave	262118					1000				
PCB-1248 Peak 3	Ave	46110					1000				
PCB-1248 Peak 4	Ave	152242					1000				
PCB-1248 Peak 5	Ave	188591					1000				
PCB-1248 Peak 6	Ave	242075					1000				
PCB-1248 Peak 7	Ave	211101					1000				
PCB-1248 Peak 8	Ave	302282					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:59 Calibration End Date: 03/08/2013 17:59 Calibration ID: 20607

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/12	or200306.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.400										2.330 - 2.470	2.400
PCB-1248 Peak 2	2.835										2.765 - 2.905	2.835
PCB-1248 Peak 3	3.033										2.963 - 3.103	3.033
PCB-1248 Peak 4	3.180										3.110 - 3.250	3.180
PCB-1248 Peak 5	3.402										3.332 - 3.472	3.402
PCB-1248 Peak 6	3.493										3.423 - 3.563	3.493
PCB-1248 Peak 7	3.767										3.697 - 3.837	3.767
PCB-1248 Peak 8	4.112										4.042 - 4.182	4.112

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:59 Calibration End Date: 03/08/2013 17:59 Calibration ID: 20607

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/12	or200306.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								
PCB-1248 Peak 1	88.957				Ave		88.9570000						20.0			
PCB-1248 Peak 2	260.95				Ave		260.951000						20.0			
PCB-1248 Peak 3	53.673				Ave		53.6730000						20.0			
PCB-1248 Peak 4	268.94				Ave		268.939000						20.0			
PCB-1248 Peak 5	225.72				Ave		225.715000						20.0			
PCB-1248 Peak 6	136.60				Ave		136.596000						20.0			
PCB-1248 Peak 7	114.89				Ave		114.891000						20.0			
PCB-1248 Peak 8	268.76				Ave		268.755000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 17:59 Calibration End Date: 03/08/2013 17:59 Calibration ID: 20607

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/12	or200306.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	88957					1000				
PCB-1248 Peak 2	Ave	260951					1000				
PCB-1248 Peak 3	Ave	53673					1000				
PCB-1248 Peak 4	Ave	268939					1000				
PCB-1248 Peak 5	Ave	225715					1000				
PCB-1248 Peak 6	Ave	136596					1000				
PCB-1248 Peak 7	Ave	114891					1000				
PCB-1248 Peak 8	Ave	268755					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:16 Calibration End Date: 03/08/2013 18:16 Calibration ID: 20616

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/13	of200307.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.567										4.497 - 4.637	4.567
PCB-1254 Peak 2	5.453										5.383 - 5.523	5.453
PCB-1254 Peak 3	5.697										5.627 - 5.767	5.697
PCB-1254 Peak 4	6.163										6.093 - 6.233	6.163
PCB-1254 Peak 5	6.332										6.262 - 6.402	6.332
PCB-1254 Peak 6	7.300										7.230 - 7.370	7.300
PCB-1254 Peak 7	7.688										7.618 - 7.758	7.688
PCB-1254 Peak 8	8.525										8.455 - 8.595	8.525

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:16 Calibration End Date: 03/08/2013 18:16 Calibration ID: 20616

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/13	of200307.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								
PCB-1254 Peak 1	126.52				Ave		126.521000						20.0			
PCB-1254 Peak 2	253.26				Ave		253.258000						20.0			
PCB-1254 Peak 3	243.03				Ave		243.034000						20.0			
PCB-1254 Peak 4	197.71				Ave		197.711000						20.0			
PCB-1254 Peak 5	406.30				Ave		406.299000						20.0			
PCB-1254 Peak 6	334.53				Ave		334.534000						20.0			
PCB-1254 Peak 7	413.21				Ave		413.209000						20.0			
PCB-1254 Peak 8	131.26				Ave		131.262000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:16 Calibration End Date: 03/08/2013 18:16 Calibration ID: 20616

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/13	of200307.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	126521					1000				
PCB-1254 Peak 2	Ave	253258					1000				
PCB-1254 Peak 3	Ave	243034					1000				
PCB-1254 Peak 4	Ave	197711					1000				
PCB-1254 Peak 5	Ave	406299					1000				
PCB-1254 Peak 6	Ave	334534					1000				
PCB-1254 Peak 7	Ave	413209					1000				
PCB-1254 Peak 8	Ave	131262					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:16 Calibration End Date: 03/08/2013 18:16 Calibration ID: 20608

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/13	or200307.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	3.818										3.748 - 3.888	3.818
PCB-1254 Peak 2	3.867										3.797 - 3.937	3.867
PCB-1254 Peak 3	4.113										4.043 - 4.183	4.113
PCB-1254 Peak 4	4.428										4.358 - 4.498	4.428
PCB-1254 Peak 5	4.573										4.503 - 4.643	4.573
PCB-1254 Peak 6	4.905										4.835 - 4.975	4.905
PCB-1254 Peak 7	5.130										5.060 - 5.200	5.130
PCB-1254 Peak 8	5.472										5.402 - 5.542	5.472

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:16 Calibration End Date: 03/08/2013 18:16 Calibration ID: 20608

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/13	or200307.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								
PCB-1254 Peak 1	168.53				Ave		168.525000						20.0			
PCB-1254 Peak 2	178.90				Ave		178.897000						20.0			
PCB-1254 Peak 3	319.26				Ave		319.261000						20.0			
PCB-1254 Peak 4	211.06				Ave		211.056000						20.0			
PCB-1254 Peak 5	331.81				Ave		331.812000						20.0			
PCB-1254 Peak 6	262.99				Ave		262.987000						20.0			
PCB-1254 Peak 7	231.85				Ave		231.852000						20.0			
PCB-1254 Peak 8	326.86				Ave		326.857000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:16 Calibration End Date: 03/08/2013 18:16 Calibration ID: 20608

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/13	or200307.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	168525					1000				
PCB-1254 Peak 2	Ave	178897					1000				
PCB-1254 Peak 3	Ave	319261					1000				
PCB-1254 Peak 4	Ave	211056					1000				
PCB-1254 Peak 5	Ave	331812					1000				
PCB-1254 Peak 6	Ave	262987					1000				
PCB-1254 Peak 7	Ave	231852					1000				
PCB-1254 Peak 8	Ave	326857					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:32 Calibration End Date: 03/08/2013 18:32 Calibration ID: 20617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/14	of200308.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.633										6.563 - 6.703	6.633
PCB-1262 Peak 2	6.983										6.913 - 7.053	6.983
PCB-1262 Peak 3	7.887										7.817 - 7.957	7.887
PCB-1262 Peak 4	8.592										8.522 - 8.662	8.592
PCB-1262 Peak 5	9.582										9.512 - 9.652	9.582
PCB-1262 Peak 6	9.632										9.562 - 9.702	9.632
PCB-1262 Peak 7	10.212										10.142 - 10.282	10.212
PCB-1262 Peak 8	10.508										10.438 - 10.578	10.508

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:32 Calibration End Date: 03/08/2013 18:32 Calibration ID: 20617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/14	of200308.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								
PCB-1262 Peak 1	259.48				Ave		259.480000						20.0			
PCB-1262 Peak 2	311.77				Ave		311.770000						20.0			
PCB-1262 Peak 3	407.92				Ave		407.922000						20.0			
PCB-1262 Peak 4	342.24				Ave		342.242000						20.0			
PCB-1262 Peak 5	387.34				Ave		387.339000						20.0			
PCB-1262 Peak 6	299.56				Ave		299.560000						20.0			
PCB-1262 Peak 7	215.06				Ave		215.058000						20.0			
PCB-1262 Peak 8	70.594				Ave		70.5940000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:32 Calibration End Date: 03/08/2013 18:32 Calibration ID: 20617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/14	of200308.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	259480					1000				
PCB-1262 Peak 2	Ave	311770					1000				
PCB-1262 Peak 3	Ave	407922					1000				
PCB-1262 Peak 4	Ave	342242					1000				
PCB-1262 Peak 5	Ave	387339					1000				
PCB-1262 Peak 6	Ave	299560					1000				
PCB-1262 Peak 7	Ave	215058					1000				
PCB-1262 Peak 8	Ave	70594					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:32 Calibration End Date: 03/08/2013 18:32 Calibration ID: 20609

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/14	or200308.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	4.625										4.555 - 4.695	4.625
PCB-1262 Peak 2	4.790										4.720 - 4.860	4.790
PCB-1262 Peak 3	5.470										5.400 - 5.540	5.470
PCB-1262 Peak 4	5.613										5.543 - 5.683	5.613
PCB-1262 Peak 5	5.917										5.847 - 5.987	5.917
PCB-1262 Peak 6	6.767										6.697 - 6.837	6.767
PCB-1262 Peak 7	6.905										6.835 - 6.975	6.905
PCB-1262 Peak 8	7.995										7.925 - 8.065	7.995

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:32 Calibration End Date: 03/08/2013 18:32 Calibration ID: 20609

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/14	or200308.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								
PCB-1262 Peak 1	159.88				Ave		159.883000						20.0			
PCB-1262 Peak 2	208.09				Ave		208.093000						20.0			
PCB-1262 Peak 3	264.71				Ave		264.714000						20.0			
PCB-1262 Peak 4	320.96				Ave		320.956000						20.0			
PCB-1262 Peak 5	290.20				Ave		290.199000						20.0			
PCB-1262 Peak 6	212.54				Ave		212.543000						20.0			
PCB-1262 Peak 7	294.50				Ave		294.499000						20.0			
PCB-1262 Peak 8	254.68				Ave		254.681000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:32 Calibration End Date: 03/08/2013 18:32 Calibration ID: 20609

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/14	or200308.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	159883					1000				
PCB-1262 Peak 2	Ave	208093					1000				
PCB-1262 Peak 3	Ave	264714					1000				
PCB-1262 Peak 4	Ave	320956					1000				
PCB-1262 Peak 5	Ave	290199					1000				
PCB-1262 Peak 6	Ave	212543					1000				
PCB-1262 Peak 7	Ave	294499					1000				
PCB-1262 Peak 8	Ave	254681					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:49 Calibration End Date: 03/08/2013 18:49 Calibration ID: 20618

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/15	of200309.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.888										7.818 - 7.958	7.888
PCB-1268 Peak 2	8.597										8.527 - 8.667	8.597
PCB-1268 Peak 3	9.577										9.507 - 9.647	9.577
PCB-1268 Peak 4	9.632										9.562 - 9.702	9.632
PCB-1268 Peak 5	9.922										9.852 - 9.992	9.922
PCB-1268 Peak 6	10.027										9.957 - 10.097	10.027
PCB-1268 Peak 7	10.212										10.142 - 10.282	10.212
PCB-1268 Peak 8	10.503										10.433 - 10.573	10.503

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:49 Calibration End Date: 03/08/2013 18:49 Calibration ID: 20618

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/15	of200309.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								
PCB-1268 Peak 1	169.52				Ave		169.521000						20.0			
PCB-1268 Peak 2	210.99				Ave		210.985000						20.0			
PCB-1268 Peak 3	526.18				Ave		526.184000						20.0			
PCB-1268 Peak 4	696.05				Ave		696.050000						20.0			
PCB-1268 Peak 5	448.06				Ave		448.057000						20.0			
PCB-1268 Peak 6	152.27				Ave		152.266000						20.0			
PCB-1268 Peak 7	214.35				Ave		214.354000						20.0			
PCB-1268 Peak 8	1113.2				Ave		1113.20700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:49 Calibration End Date: 03/08/2013 18:49 Calibration ID: 20618

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/15	of200309.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	169521					1000				
PCB-1268 Peak 2	Ave	210985					1000				
PCB-1268 Peak 3	Ave	526184					1000				
PCB-1268 Peak 4	Ave	696050					1000				
PCB-1268 Peak 5	Ave	448057					1000				
PCB-1268 Peak 6	Ave	152266					1000				
PCB-1268 Peak 7	Ave	214354					1000				
PCB-1268 Peak 8	Ave	1113207					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:49 Calibration End Date: 03/08/2013 18:49 Calibration ID: 20610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/15	or200309.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	5.615										5.545 - 5.685	5.615
PCB-1268 Peak 2	5.912										5.842 - 5.982	5.912
PCB-1268 Peak 3	6.837										6.767 - 6.907	6.837
PCB-1268 Peak 4	6.898										6.828 - 6.968	6.898
PCB-1268 Peak 5	7.245										7.175 - 7.315	7.245
PCB-1268 Peak 6	7.410										7.340 - 7.480	7.410
PCB-1268 Peak 7	7.997										7.927 - 8.067	7.997
PCB-1268 Peak 8	8.668										8.598 - 8.738	8.668

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:49 Calibration End Date: 03/08/2013 18:49 Calibration ID: 20610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/15	or200309.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								
PCB-1268 Peak 1	139.79				Ave		139.787000						20.0			
PCB-1268 Peak 2	168.02				Ave		168.017000						20.0			
PCB-1268 Peak 3	603.80				Ave		603.800000						20.0			
PCB-1268 Peak 4	682.02				Ave		682.021000						20.0			
PCB-1268 Peak 5	535.95				Ave		535.953000						20.0			
PCB-1268 Peak 6	170.55				Ave		170.553000						20.0			
PCB-1268 Peak 7	279.66				Ave		279.655000						20.0			
PCB-1268 Peak 8	1561.3				Ave		1561.28500						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 150532

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2013 18:49 Calibration End Date: 03/08/2013 18:49 Calibration ID: 20610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-150532/15	or200309.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	139787					1000				
PCB-1268 Peak 2	Ave	168017					1000				
PCB-1268 Peak 3	Ave	603800					1000				
PCB-1268 Peak 4	Ave	682021					1000				
PCB-1268 Peak 5	Ave	535953					1000				
PCB-1268 Peak 6	Ave	170553					1000				
PCB-1268 Peak 7	Ave	279655					1000				
PCB-1268 Peak 8	Ave	1561285					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 17:32 Calibration End Date: 03/18/2013 18:37 Calibration ID: 20707

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/9	qf093625.d
Level 2	IC 460-151651/10	qf093626.d
Level 3	IC 460-151651/11	qf093627.d
Level 4	IC 460-151651/12	qf093628.d
Level 5	IC 460-151651/13	qf093629.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.969	2.966	2.972	2.967	2.968						2.902 - 3.042	2.968
PCB-1016 Peak 2	3.661	3.661	3.669	3.663	3.666						3.599 - 3.739	3.664
PCB-1016 Peak 3	4.108	4.106	4.115	4.108	4.110						4.045 - 4.185	4.109
PCB-1016 Peak 4	4.747	4.744	4.752	4.747	4.750						4.682 - 4.822	4.748
PCB-1016 Peak 5	4.928	4.926	4.935	4.929	4.932						4.865 - 5.005	4.930
PCB-1016 Peak 6	5.183	5.182	5.189	5.184	5.187						5.119 - 5.259	5.185
PCB-1016 Peak 7	5.573	5.574	5.581	5.575	5.579						5.511 - 5.651	5.576
PCB-1016 Peak 8	5.786	5.785	5.792	5.787	5.790						5.722 - 5.862	5.788
PCB-1260 Peak 1	7.812	7.811	7.818	7.813	7.817						7.748 - 7.888	7.814
PCB-1260 Peak 2	8.268	8.268	8.276	8.269	8.275						8.206 - 8.346	8.271
PCB-1260 Peak 3	9.150	9.152	9.161	9.154	9.160						9.091 - 9.231	9.155
PCB-1260 Peak 4	9.391	9.391	9.399	9.393	9.397						9.329 - 9.469	9.394
PCB-1260 Peak 5	9.509	9.509	9.516	9.510	9.515						9.446 - 9.586	9.512
PCB-1260 Peak 6	9.957	9.958	9.963	9.959	9.962						9.893 - 10.033	9.960
PCB-1260 Peak 7	10.661	10.662	10.663	10.662	10.663						10.593 - 10.733	10.662
PCB-1260 Peak 8	11.149	11.150	11.149	11.146	11.147						11.079 - 11.219	11.148
DCB Decachlorobiphenyl	11.606	11.606	11.602	11.598	11.599						11.502 - 11.702	11.602

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 17:32 Calibration End Date: 03/18/2013 18:37 Calibration ID: 20707

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/9	qf093625.d
Level 2	IC 460-151651/10	qf093626.d
Level 3	IC 460-151651/11	qf093627.d
Level 4	IC 460-151651/12	qf093628.d
Level 5	IC 460-151651/13	qf093629.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								
PCB-1016 Peak 1	12978 15477	15732	16607	16162	Ave		15391.1675				9.2		20.0			
PCB-1016 Peak 2	32362 31318	34166	32359	32688	Ave		32578.6497				3.2		20.0			
PCB-1016 Peak 3	12637 12482	14423	14287	16149	Ave		13995.7034				10.7		20.0			
PCB-1016 Peak 4	26454 25750	27787	26929	26593	Ave		26702.6847				2.8		20.0			
PCB-1016 Peak 5	18474 20612	20608	20918	20944	Ave		20311.3417				5.1		20.0			
PCB-1016 Peak 6	16328 15006	16502	16190	16714	Ave		16148.0356				4.1		20.0			
PCB-1016 Peak 7	19850 15740	20418	18871	18092	Ave		18594.1987				9.8		20.0			
PCB-1016 Peak 8	16266 19441	19223	19352	19514	Ave		18759.3600				7.5		20.0			
PCB-1260 Peak 1	43739 39824	43774	42601	41296	Ave		42246.7068				4.0		20.0			
PCB-1260 Peak 2	55765 53092	57029	55786	54804	Ave		55295.1802				2.6		20.0			
PCB-1260 Peak 3	63374 70413	72899	73360	73095	Ave		70628.2841				6.0		20.0			
PCB-1260 Peak 4	34191 36555	37987	38065	37502	Ave		36860.1103				4.4		20.0			
PCB-1260 Peak 5	16287 21002	19780	20667	20850	Ave		19717.2619				10.0		20.0			
PCB-1260 Peak 6	24449 29942	30217	31163	30659	Ave		29285.8117				9.4		20.0			
PCB-1260 Peak 7	30375 30442	35467	33055	30344	Ave		31936.5267				7.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 17:32 Calibration End Date: 03/18/2013 18:37 Calibration ID: 20707

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								
PCB-1260 Peak 8	12262 14326	12352	13433	14172	Ave		13309.0917				7.3		20.0			
DCB Decachlorobiphenyl	484534 486923	530422	482317	481542	Ave		493147.723				4.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 17:32 Calibration End Date: 03/18/2013 18:37 Calibration ID: 20707

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/9	qf093625.d
Level 2	IC 460-151651/10	qf093626.d
Level 3	IC 460-151651/11	qf093627.d
Level 4	IC 460-151651/12	qf093628.d
Level 5	IC 460-151651/13	qf093629.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
PCB-1016 Peak 1	Ave	1297784	7866024	16606657	24243700	38692065	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	3236223	17083135	32358841	49031427	78295724	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1263740	7211439	14286748	24223539	31206163	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	2645417	13893408	26929469	39889473	64374966	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1847420	10304164	20918263	31415377	51530832	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1632821	8250912	16189625	25071723	37515093	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1985008	10208851	18871356	27137691	39350154	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	1626593	9611651	19351990	29271439	48603213	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	4373855	21887018	42601166	61943734	99559898	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	5576462	28514670	55785811	82205834	132730602	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	6337437	36449701	73359671	109642894	176031787	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	3419109	18993677	38065263	56253192	91386791	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1628719	9889821	20667405	31274619	52505816	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	2444859	15108536	31162582	45988259	74854938	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	3037489	17733591	33055034	45515590	76104502	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	1226213	6176204	13433010	21258537	35813881	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	12113341	26521112	48231698	72231363	97384667	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 17:32 Calibration End Date: 03/18/2013 18:37 Calibration ID: 20715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/9	qr093625.d
Level 2	IC 460-151651/10	qr093626.d
Level 3	IC 460-151651/11	qr093627.d
Level 4	IC 460-151651/12	qr093628.d
Level 5	IC 460-151651/13	qr093629.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	1.981	1.976	1.973	1.973	1.972						1.903 - 2.043	1.975
PCB-1016 Peak 2	2.410	2.407	2.404	2.403	2.402						2.334 - 2.474	2.405
PCB-1016 Peak 3	2.653	2.651	2.647	2.644	2.645						2.577 - 2.717	2.648
PCB-1016 Peak 4	2.996	2.994	2.992	2.989	2.990						2.922 - 3.062	2.992
PCB-1016 Peak 5	3.180	3.178	3.176	3.173	3.173						3.106 - 3.246	3.176
PCB-1016 Peak 6	3.500	3.499	3.495	3.492	3.494						3.425 - 3.565	3.496
PCB-1016 Peak 7	3.863	3.861	3.860	3.856	3.857						3.790 - 3.930	3.860
PCB-1016 Peak 8	4.009	4.007	4.006	4.002	4.004						3.936 - 4.076	4.006
PCB-1260 Peak 1	5.887	5.886	5.887	5.884	5.886						5.817 - 5.957	5.886
PCB-1260 Peak 2	6.336	6.336	6.337	6.334	6.337						6.267 - 6.407	6.336
PCB-1260 Peak 3	6.772	6.772	6.773	6.769	6.772						6.703 - 6.843	6.772
PCB-1260 Peak 4	6.966	6.966	6.970	6.964	6.967						6.900 - 7.040	6.967
PCB-1260 Peak 5	7.386	7.386	7.387	7.384	7.387						7.317 - 7.457	7.386
PCB-1260 Peak 6	8.619	8.620	8.621	8.615	8.620						8.551 - 8.691	8.619
PCB-1260 Peak 7	8.829	8.831	8.833	8.828	8.832						8.763 - 8.903	8.831
PCB-1260 Peak 8	9.982	9.982	9.984	9.980	9.983						9.914 - 10.054	9.982
DCB Decachlorobiphenyl	10.520	10.519	10.520	10.518	10.520						10.420 - 10.620	10.519

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 17:32 Calibration End Date: 03/18/2013 18:37 Calibration ID: 20715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/9	qr093625.d
Level 2	IC 460-151651/10	qr093626.d
Level 3	IC 460-151651/11	qr093627.d
Level 4	IC 460-151651/12	qr093628.d
Level 5	IC 460-151651/13	qr093629.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								
PCB-1016 Peak 1	32900 23452	28525	26258	25796	Ave		27386.2887				13.0		20.0			
PCB-1016 Peak 2	51738 39791	47817	44965	42898	Ave		45441.6603				10.1		20.0			
PCB-1016 Peak 3	33284 27535	32125	30506	29350	Ave		30560.0069				7.4		20.0			
PCB-1016 Peak 4	107514 80362	96338	89017	85186	Ave		91683.3493				11.6		20.0			
PCB-1016 Peak 5	44441 36150	43076	40199	38411	Ave		40455.5738				8.3		20.0			
PCB-1016 Peak 6	44705 41738	48557	43439	40483	Ave		43784.3535				7.1		20.0			
PCB-1016 Peak 7	44057 36462	41157	39475	38346	Ave		39899.4833				7.2		20.0			
PCB-1016 Peak 8	21743 19979	23330	21372	22401	Ave		21764.8649				5.7		20.0			
PCB-1260 Peak 1	65795 46506	54536	52013	50097	Ave		53789.3305				13.6		20.0			
PCB-1260 Peak 2	114218 84611	98731	93604	90337	Ave		96300.2587				11.7		20.0			
PCB-1260 Peak 3	103788 81755	94082	89992	86760	Ave		91275.3383				9.1		20.0			
PCB-1260 Peak 4	51144 42892	49292	44963	44865	Ave		46631.5660				7.4		20.0			
PCB-1260 Peak 5	52934 44011	50697	48429	46511	Ave		48516.4787				7.2		20.0			
PCB-1260 Peak 6	71571 56229	61950	61087	58568	Ave		61881.2073				9.5		20.0			
PCB-1260 Peak 7	40090 31093	35732	33904	32501	Ave		34664.0356				10.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 17:32 Calibration End Date: 03/18/2013 18:37 Calibration ID: 20715

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								
PCB-1260 Peak 8	34812 27545	31302	27462	30792	Ave		30382.4468				10.0		20.0			
DCB Decachlorobiphenyl	802910 706408	817960	712403	733373	Ave		754610.888				6.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 17:32 Calibration End Date: 03/18/2013 18:37 Calibration ID: 20715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/9	qr093625.d
Level 2	IC 460-151651/10	qr093626.d
Level 3	IC 460-151651/11	qr093627.d
Level 4	IC 460-151651/12	qr093628.d
Level 5	IC 460-151651/13	qr093629.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
PCB-1016 Peak 1	Ave	3289968	14262555	26258097	38694340	58630824	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	5173771	23908277	44965004	64346972	99477630	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	3328390	16062556	30505924	44024629	68838365	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	10751380	48168939	89016774	127778868	200905956	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	4444113	21538119	40199103	57617147	90374917	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	4470469	24278628	43439384	60723980	104344460	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	4405745	20578420	39475357	57518972	91154471	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	2174338	11664915	21371734	33601116	49946591	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	6579453	27268064	52012522	75145921	116265480	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	11421818	49365665	93603918	135505855	211526572	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	10378770	47041070	89991834	130139881	204387742	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	5114434	24646180	44963343	67298043	107231063	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	5293421	25348721	48428933	69766475	110027063	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	7157140	30974954	61087187	87852224	140573480	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	4008990	17865970	33903801	48752070	77732893	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	3481209	15650914	27461950	46187525	68861707	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	20072761	40897989	71240321	110005878	141281698	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 18:52 Calibration End Date: 03/18/2013 18:52 Calibration ID: 20708

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/14	qf093630.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.661										1.591 - 1.731	1.661
PCB-1221 Peak 2	2.134										2.064 - 2.204	2.134
PCB-1221 Peak 3	2.674										2.604 - 2.744	2.674
PCB-1221 Peak 4	2.878										2.808 - 2.948	2.878
PCB-1221 Peak 5	2.967										2.897 - 3.037	2.967
PCB-1221 Peak 6	3.754										3.684 - 3.824	3.754
PCB-1221 Peak 7	4.109										4.039 - 4.179	4.109
PCB-1221 Peak 8	4.348										4.278 - 4.418	4.348

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 18:52 Calibration End Date: 03/18/2013 18:52 Calibration ID: 20708

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/14	qf093630.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								
PCB-1221 Peak 1	6145.9				Ave		6145.91300						20.0			
PCB-1221 Peak 2	1732.4				Ave		1732.37800						20.0			
PCB-1221 Peak 3	9516.0				Ave		9516.01500						20.0			
PCB-1221 Peak 4	5744.1				Ave		5744.13900						20.0			
PCB-1221 Peak 5	24000				Ave		23999.6020						20.0			
PCB-1221 Peak 6	4822.9				Ave		4822.85800						20.0			
PCB-1221 Peak 7	1548.3				Ave		1548.28400						20.0			
PCB-1221 Peak 8	877.30				Ave		877.299000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 18:52 Calibration End Date: 03/18/2013 18:52 Calibration ID: 20708

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/14	qf093630.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	6145913					1000				
PCB-1221 Peak 2	Ave	1732378					1000				
PCB-1221 Peak 3	Ave	9516015					1000				
PCB-1221 Peak 4	Ave	5744139					1000				
PCB-1221 Peak 5	Ave	23999602					1000				
PCB-1221 Peak 6	Ave	4822858					1000				
PCB-1221 Peak 7	Ave	1548284					1000				
PCB-1221 Peak 8	Ave	877299					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 18:52 Calibration End Date: 03/18/2013 18:52 Calibration ID: 20716

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/14	qr093630.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.049										0.979 - 1.119	1.049
PCB-1221 Peak 2	1.425										1.355 - 1.495	1.425
PCB-1221 Peak 3	1.763										1.693 - 1.833	1.763
PCB-1221 Peak 4	1.979										1.909 - 2.049	1.979
PCB-1221 Peak 5	2.482										2.412 - 2.552	2.482
PCB-1221 Peak 6	2.561										2.491 - 2.631	2.561
PCB-1221 Peak 7	2.653										2.583 - 2.723	2.653
PCB-1221 Peak 8	2.995										2.925 - 3.065	2.995

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 18:52 Calibration End Date: 03/18/2013 18:52 Calibration ID: 20716

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/14	qr093630.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								
PCB-1221 Peak 1	15851				Ave		15851.2320						20.0			
PCB-1221 Peak 2	3994.0				Ave		3994.04500						20.0			
PCB-1221 Peak 3	13492				Ave		13492.4830						20.0			
PCB-1221 Peak 4	37869				Ave		37868.8660						20.0			
PCB-1221 Peak 5	3456.0				Ave		3456.04200						20.0			
PCB-1221 Peak 6	5843.1				Ave		5843.10400						20.0			
PCB-1221 Peak 7	2635.2				Ave		2635.23800						20.0			
PCB-1221 Peak 8	7198.5				Ave		7198.53000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 18:52 Calibration End Date: 03/18/2013 18:52 Calibration ID: 20716

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/14	qr093630.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	15851232					1000				
PCB-1221 Peak 2	Ave	3994045					1000				
PCB-1221 Peak 3	Ave	13492483					1000				
PCB-1221 Peak 4	Ave	37868866					1000				
PCB-1221 Peak 5	Ave	3456042					1000				
PCB-1221 Peak 6	Ave	5843104					1000				
PCB-1221 Peak 7	Ave	2635238					1000				
PCB-1221 Peak 8	Ave	7198530					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:09 Calibration End Date: 03/18/2013 19:09 Calibration ID: 20709

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/15	qf093631.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.967										2.897 - 3.037	2.967
PCB-1232 Peak 2	3.662										3.592 - 3.732	3.662
PCB-1232 Peak 3	4.110										4.040 - 4.180	4.110
PCB-1232 Peak 4	4.749										4.679 - 4.819	4.749
PCB-1232 Peak 5	4.931										4.861 - 5.001	4.931
PCB-1232 Peak 6	5.117										5.047 - 5.187	5.117
PCB-1232 Peak 7	5.578										5.508 - 5.648	5.578
PCB-1232 Peak 8	5.789										5.719 - 5.859	5.789

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:09 Calibration End Date: 03/18/2013 19:09 Calibration ID: 20709

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/15	qf093631.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								
PCB-1232 Peak 1	16538				Ave		16538.2780						20.0			
PCB-1232 Peak 2	16495				Ave		16495.0690						20.0			
PCB-1232 Peak 3	6330.3				Ave		6330.32900						20.0			
PCB-1232 Peak 4	11928				Ave		11928.2410						20.0			
PCB-1232 Peak 5	9002.1				Ave		9002.06300						20.0			
PCB-1232 Peak 6	6413.6				Ave		6413.61600						20.0			
PCB-1232 Peak 7	9462.9				Ave		9462.88100						20.0			
PCB-1232 Peak 8	9932.2				Ave		9932.22400						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:09 Calibration End Date: 03/18/2013 19:09 Calibration ID: 20709

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/15	qf093631.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	16538278					1000				
PCB-1232 Peak 2	Ave	16495069					1000				
PCB-1232 Peak 3	Ave	6330329					1000				
PCB-1232 Peak 4	Ave	11928241					1000				
PCB-1232 Peak 5	Ave	9002063					1000				
PCB-1232 Peak 6	Ave	6413616					1000				
PCB-1232 Peak 7	Ave	9462881					1000				
PCB-1232 Peak 8	Ave	9932224					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:09 Calibration End Date: 03/18/2013 19:09 Calibration ID: 20717

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/15	qr093631.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	1.966										1.896 - 2.036	1.966
PCB-1232 Peak 2	2.397										2.327 - 2.467	2.397
PCB-1232 Peak 3	2.642										2.572 - 2.712	2.642
PCB-1232 Peak 4	2.986										2.916 - 3.056	2.986
PCB-1232 Peak 5	3.169										3.099 - 3.239	3.169
PCB-1232 Peak 6	3.257										3.187 - 3.327	3.257
PCB-1232 Peak 7	3.853										3.783 - 3.923	3.853
PCB-1232 Peak 8	4.427										4.357 - 4.497	4.427

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:09 Calibration End Date: 03/18/2013 19:09 Calibration ID: 20717

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/15	qr093631.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								
PCB-1232 Peak 1	26217				Ave		26216.6930						20.0			
PCB-1232 Peak 2	20702				Ave		20702.0650						20.0			
PCB-1232 Peak 3	13910				Ave		13910.2240						20.0			
PCB-1232 Peak 4	41169				Ave		41169.2290						20.0			
PCB-1232 Peak 5	18243				Ave		18242.7980						20.0			
PCB-1232 Peak 6	11463				Ave		11462.9100						20.0			
PCB-1232 Peak 7	19680				Ave		19679.5110						20.0			
PCB-1232 Peak 8	9624.3				Ave		9624.31100						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:09 Calibration End Date: 03/18/2013 19:09 Calibration ID: 20717

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/15	qr093631.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	26216693					1000				
PCB-1232 Peak 2	Ave	20702065					1000				
PCB-1232 Peak 3	Ave	13910224					1000				
PCB-1232 Peak 4	Ave	41169229					1000				
PCB-1232 Peak 5	Ave	18242798					1000				
PCB-1232 Peak 6	Ave	11462910					1000				
PCB-1232 Peak 7	Ave	19679511					1000				
PCB-1232 Peak 8	Ave	9624311					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:25 Calibration End Date: 03/18/2013 19:25 Calibration ID: 20710

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/16	qf093632.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.966										2.896 - 3.036	2.966
PCB-1242 Peak 2	3.661										3.591 - 3.731	3.661
PCB-1242 Peak 3	4.108										4.038 - 4.178	4.108
PCB-1242 Peak 4	4.499										4.429 - 4.569	4.499
PCB-1242 Peak 5	4.746										4.676 - 4.816	4.746
PCB-1242 Peak 6	5.111										5.041 - 5.181	5.111
PCB-1242 Peak 7	5.785										5.715 - 5.855	5.785
PCB-1242 Peak 8	6.296										6.226 - 6.366	6.296

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:25 Calibration End Date: 03/18/2013 19:25 Calibration ID: 20710

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/16	qf093632.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								
PCB-1242 Peak 1	15290				Ave		15289.6880						20.0			
PCB-1242 Peak 2	27862				Ave		27861.5410						20.0			
PCB-1242 Peak 3	11455				Ave		11455.4860						20.0			
PCB-1242 Peak 4	54212				Ave		54212.4970						20.0			
PCB-1242 Peak 5	22581				Ave		22581.2720						20.0			
PCB-1242 Peak 6	10438				Ave		10437.7920						20.0			
PCB-1242 Peak 7	18530				Ave		18530.1820						20.0			
PCB-1242 Peak 8	22606				Ave		22605.7440						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:25 Calibration End Date: 03/18/2013 19:25 Calibration ID: 20710

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/16	qf093632.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	15289688					1000				
PCB-1242 Peak 2	Ave	27861541					1000				
PCB-1242 Peak 3	Ave	11455486					1000				
PCB-1242 Peak 4	Ave	54212497					1000				
PCB-1242 Peak 5	Ave	22581272					1000				
PCB-1242 Peak 6	Ave	10437792					1000				
PCB-1242 Peak 7	Ave	18530182					1000				
PCB-1242 Peak 8	Ave	22605744					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:25 Calibration End Date: 03/18/2013 19:25 Calibration ID: 20718

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/16	qr093632.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	1.977										1.907 - 2.047	1.977
PCB-1242 Peak 2	2.407										2.337 - 2.477	2.407
PCB-1242 Peak 3	2.651										2.581 - 2.721	2.651
PCB-1242 Peak 4	2.994										2.924 - 3.064	2.994
PCB-1242 Peak 5	3.178										3.108 - 3.248	3.178
PCB-1242 Peak 6	3.499										3.429 - 3.569	3.499
PCB-1242 Peak 7	3.861										3.791 - 3.931	3.861
PCB-1242 Peak 8	4.941										4.871 - 5.011	4.941

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:25 Calibration End Date: 03/18/2013 19:25 Calibration ID: 20718

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/16	qr093632.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								
PCB-1242 Peak 1	24048				Ave		24047.6310						20.0			
PCB-1242 Peak 2	37610				Ave		37609.9470						20.0			
PCB-1242 Peak 3	25848				Ave		25847.6180						20.0			
PCB-1242 Peak 4	74717				Ave		74717.4480						20.0			
PCB-1242 Peak 5	33409				Ave		33408.5030						20.0			
PCB-1242 Peak 6	37114				Ave		37114.1080						20.0			
PCB-1242 Peak 7	34519				Ave		34518.8700						20.0			
PCB-1242 Peak 8	21024				Ave		21023.6980						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:25 Calibration End Date: 03/18/2013 19:25 Calibration ID: 20718

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/16	qr093632.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	24047631					1000				
PCB-1242 Peak 2	Ave	37609947					1000				
PCB-1242 Peak 3	Ave	25847618					1000				
PCB-1242 Peak 4	Ave	74717448					1000				
PCB-1242 Peak 5	Ave	33408503					1000				
PCB-1242 Peak 6	Ave	37114108					1000				
PCB-1242 Peak 7	Ave	34518870					1000				
PCB-1242 Peak 8	Ave	21023698					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:41 Calibration End Date: 03/18/2013 19:41 Calibration ID: 20711

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/17	qf093633.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.656										3.586 - 3.726	3.656
PCB-1248 Peak 2	4.493										4.423 - 4.563	4.493
PCB-1248 Peak 3	4.927										4.857 - 4.997	4.927
PCB-1248 Peak 4	5.111										5.041 - 5.181	5.111
PCB-1248 Peak 5	5.574										5.504 - 5.644	5.574
PCB-1248 Peak 6	5.785										5.715 - 5.855	5.785
PCB-1248 Peak 7	6.222										6.152 - 6.292	6.222
PCB-1248 Peak 8	6.294										6.224 - 6.364	6.294

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:41 Calibration End Date: 03/18/2013 19:41 Calibration ID: 20711

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/17	qf093633.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								
PCB-1248 Peak 1	13184				Ave		13183.9060						20.0			
PCB-1248 Peak 2	35333				Ave		35332.7280						20.0			
PCB-1248 Peak 3	6235.5				Ave		6235.54400						20.0			
PCB-1248 Peak 4	18767				Ave		18766.5730						20.0			
PCB-1248 Peak 5	26961				Ave		26960.5810						20.0			
PCB-1248 Peak 6	28530				Ave		28530.2400						20.0			
PCB-1248 Peak 7	28014				Ave		28014.3040						20.0			
PCB-1248 Peak 8	39317				Ave		39316.9690						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:41 Calibration End Date: 03/18/2013 19:41 Calibration ID: 20711

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/17	qf093633.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	13183906					1000				
PCB-1248 Peak 2	Ave	35332728					1000				
PCB-1248 Peak 3	Ave	6235544					1000				
PCB-1248 Peak 4	Ave	18766573					1000				
PCB-1248 Peak 5	Ave	26960581					1000				
PCB-1248 Peak 6	Ave	28530240					1000				
PCB-1248 Peak 7	Ave	28014304					1000				
PCB-1248 Peak 8	Ave	39316969					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:41 Calibration End Date: 03/18/2013 19:41 Calibration ID: 20719

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/17	qr093633.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.397										2.327 - 2.467	2.397
PCB-1248 Peak 2	2.984										2.914 - 3.054	2.984
PCB-1248 Peak 3	3.315										3.245 - 3.385	3.315
PCB-1248 Peak 4	3.487										3.417 - 3.557	3.487
PCB-1248 Peak 5	3.853										3.783 - 3.923	3.853
PCB-1248 Peak 6	3.998										3.928 - 4.068	3.998
PCB-1248 Peak 7	4.425										4.355 - 4.495	4.425
PCB-1248 Peak 8	4.937										4.867 - 5.007	4.937

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:41 Calibration End Date: 03/18/2013 19:41 Calibration ID: 20719

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/17	qr093633.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								
PCB-1248 Peak 1	19484				Ave		19484.4630						20.0			
PCB-1248 Peak 2	49982				Ave		49981.8780						20.0			
PCB-1248 Peak 3	30506				Ave		30506.1530						20.0			
PCB-1248 Peak 4	60528				Ave		60527.6640						20.0			
PCB-1248 Peak 5	51643				Ave		51642.7730						20.0			
PCB-1248 Peak 6	30316				Ave		30316.3860						20.0			
PCB-1248 Peak 7	29857				Ave		29857.4040						20.0			
PCB-1248 Peak 8	39363				Ave		39363.1130						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:41 Calibration End Date: 03/18/2013 19:41 Calibration ID: 20719

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/17	qr093633.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	19484463					1000				
PCB-1248 Peak 2	Ave	49981878					1000				
PCB-1248 Peak 3	Ave	30506153					1000				
PCB-1248 Peak 4	Ave	60527664					1000				
PCB-1248 Peak 5	Ave	51642773					1000				
PCB-1248 Peak 6	Ave	30316386					1000				
PCB-1248 Peak 7	Ave	29857404					1000				
PCB-1248 Peak 8	Ave	39363113					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:56 Calibration End Date: 03/18/2013 19:56 Calibration ID: 20712

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/18	qf093634.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 8	0.000										0.930 - 1.070	0.000
PCB-1254 Peak 1	5.107										5.037 - 5.177	5.107
PCB-1254 Peak 2	6.288										6.218 - 6.358	6.288
PCB-1254 Peak 3	6.612										6.542 - 6.682	6.612
PCB-1254 Peak 4	7.418										7.348 - 7.488	7.418
PCB-1254 Peak 5	8.656										8.586 - 8.726	8.656
PCB-1254 Peak 6	9.154										9.084 - 9.224	9.154
PCB-1254 Peak 7	9.902										9.832 - 9.972	9.902

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:56 Calibration End Date: 03/18/2013 19:56 Calibration ID: 20712

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/18	qf093634.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								
PCB-1254 Peak 8	0				Ave								20.0			
PCB-1254 Peak 1	22752				Ave		22752.3410						20.0			
PCB-1254 Peak 2	32586				Ave		32586.4880						20.0			
PCB-1254 Peak 3	32920				Ave		32919.8360						20.0			
PCB-1254 Peak 4	50619				Ave		50618.8470						20.0			
PCB-1254 Peak 5	41113				Ave		41112.9270						20.0			
PCB-1254 Peak 6	53029				Ave		53028.7220						20.0			
PCB-1254 Peak 7	8162.3				Ave		8162.29700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:56 Calibration End Date: 03/18/2013 19:56 Calibration ID: 20712

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/18	qf093634.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 8	Ave	0					1000				
PCB-1254 Peak 1	Ave	22752341					1000				
PCB-1254 Peak 2	Ave	32586488					1000				
PCB-1254 Peak 3	Ave	32919836					1000				
PCB-1254 Peak 4	Ave	50618847					1000				
PCB-1254 Peak 5	Ave	41112927					1000				
PCB-1254 Peak 6	Ave	53028722					1000				
PCB-1254 Peak 7	Ave	8162297					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:56 Calibration End Date: 03/18/2013 19:56 Calibration ID: 20720

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/18	qr093634.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.502										4.432 - 4.572	4.502
PCB-1254 Peak 2	4.578										4.508 - 4.648	4.578
PCB-1254 Peak 3	4.944										4.874 - 5.014	4.944
PCB-1254 Peak 4	5.383										5.313 - 5.453	5.383
PCB-1254 Peak 5	5.582										5.512 - 5.652	5.582
PCB-1254 Peak 6	6.032										5.962 - 6.102	6.032
PCB-1254 Peak 7	6.332										6.262 - 6.402	6.332
PCB-1254 Peak 8	6.770										6.700 - 6.840	6.770

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:56 Calibration End Date: 03/18/2013 19:56 Calibration ID: 20720

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/18	qr093634.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								
PCB-1254 Peak 1	37535				Ave		37535.3240						20.0			
PCB-1254 Peak 2	35924				Ave		35923.9460						20.0			
PCB-1254 Peak 3	54349				Ave		54348.9790						20.0			
PCB-1254 Peak 4	40362				Ave		40361.5680						20.0			
PCB-1254 Peak 5	62890				Ave		62889.8260						20.0			
PCB-1254 Peak 6	53938				Ave		53938.2230						20.0			
PCB-1254 Peak 7	48374				Ave		48373.9120						20.0			
PCB-1254 Peak 8	67283				Ave		67283.0870						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 19:56 Calibration End Date: 03/18/2013 19:56 Calibration ID: 20720

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/18	qr093634.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	37535324					1000				
PCB-1254 Peak 2	Ave	35923946					1000				
PCB-1254 Peak 3	Ave	54348979					1000				
PCB-1254 Peak 4	Ave	40361568					1000				
PCB-1254 Peak 5	Ave	62889826					1000				
PCB-1254 Peak 6	Ave	53938223					1000				
PCB-1254 Peak 7	Ave	48373912					1000				
PCB-1254 Peak 8	Ave	67283087					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:11 Calibration End Date: 03/18/2013 20:11 Calibration ID: 20713

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/19	qf093635.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.489										7.419 - 7.559	7.489
PCB-1262 Peak 2	7.809										7.739 - 7.879	7.809
PCB-1262 Peak 3	9.390										9.320 - 9.460	9.390
PCB-1262 Peak 4	9.959										9.889 - 10.029	9.959
PCB-1262 Peak 5	10.659										10.589 - 10.729	10.659
PCB-1262 Peak 6	10.689										10.619 - 10.759	10.689
PCB-1262 Peak 7	11.144										11.074 - 11.214	11.144
PCB-1262 Peak 8	11.399										11.329 - 11.469	11.399

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:11 Calibration End Date: 03/18/2013 20:11 Calibration ID: 20713

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/19	qf093635.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								
PCB-1262 Peak 1	25791				Ave		25790.7990						20.0			
PCB-1262 Peak 2	33488				Ave		33488.3050						20.0			
PCB-1262 Peak 3	64872				Ave		64872.2580						20.0			
PCB-1262 Peak 4	37367				Ave		37367.4950						20.0			
PCB-1262 Peak 5	41087				Ave		41087.0110						20.0			
PCB-1262 Peak 6	44935				Ave		44935.1680						20.0			
PCB-1262 Peak 7	26803				Ave		26802.7880						20.0			
PCB-1262 Peak 8	7387.8				Ave		7387.80100						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:11 Calibration End Date: 03/18/2013 20:11 Calibration ID: 20713

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/19	qf093635.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	25790799					1000				
PCB-1262 Peak 2	Ave	33488305					1000				
PCB-1262 Peak 3	Ave	64872258					1000				
PCB-1262 Peak 4	Ave	37367495					1000				
PCB-1262 Peak 5	Ave	41087011					1000				
PCB-1262 Peak 6	Ave	44935168					1000				
PCB-1262 Peak 7	Ave	26802788					1000				
PCB-1262 Peak 8	Ave	7387801					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:11 Calibration End Date: 03/18/2013 20:11 Calibration ID: 20721

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/19	qr093635.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.661										5.591 - 5.731	5.661
PCB-1262 Peak 2	5.885										5.815 - 5.955	5.885
PCB-1262 Peak 3	6.769										6.699 - 6.839	6.769
PCB-1262 Peak 4	6.965										6.895 - 7.035	6.965
PCB-1262 Peak 5	7.384										7.314 - 7.454	7.384
PCB-1262 Peak 6	8.615										8.545 - 8.685	8.615
PCB-1262 Peak 7	8.826										8.756 - 8.896	8.826
PCB-1262 Peak 8	9.981										9.911 - 10.051	9.981

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:11 Calibration End Date: 03/18/2013 20:11 Calibration ID: 20721

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/19	qr093635.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								
PCB-1262 Peak 1	31870				Ave		31869.6300						20.0			
PCB-1262 Peak 2	43255				Ave		43254.7450						20.0			
PCB-1262 Peak 3	42091				Ave		42090.7180						20.0			
PCB-1262 Peak 4	71789				Ave		71789.1970						20.0			
PCB-1262 Peak 5	59339				Ave		59338.5370						20.0			
PCB-1262 Peak 6	53176				Ave		53175.9760						20.0			
PCB-1262 Peak 7	63042				Ave		63042.4150						20.0			
PCB-1262 Peak 8	54066				Ave		54066.4460						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:11 Calibration End Date: 03/18/2013 20:11 Calibration ID: 20721

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/19	qr093635.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	31869630					1000				
PCB-1262 Peak 2	Ave	43254745					1000				
PCB-1262 Peak 3	Ave	42090718					1000				
PCB-1262 Peak 4	Ave	71789197					1000				
PCB-1262 Peak 5	Ave	59338537					1000				
PCB-1262 Peak 6	Ave	53175976					1000				
PCB-1262 Peak 7	Ave	63042415					1000				
PCB-1262 Peak 8	Ave	54066446					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:29 Calibration End Date: 03/18/2013 20:29 Calibration ID: 20714

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/20	qf093636.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.397										9.327 - 9.467	9.397
PCB-1268 Peak 2	9.967										9.897 - 10.037	9.967
PCB-1268 Peak 3	10.657										10.587 - 10.727	10.657
PCB-1268 Peak 4	10.694										10.624 - 10.764	10.694
PCB-1268 Peak 5	10.914										10.844 - 10.984	10.914
PCB-1268 Peak 6	10.994										10.924 - 11.064	10.994
PCB-1268 Peak 7	11.146										11.076 - 11.216	11.146
PCB-1268 Peak 8	11.402										11.332 - 11.472	11.402

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:29 Calibration End Date: 03/18/2013 20:29 Calibration ID: 20714

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/20	qf093636.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								
PCB-1268 Peak 1	26302				Ave		26302.3475						20.0			
PCB-1268 Peak 2	28076				Ave		28076.0514						20.0			
PCB-1268 Peak 3	55215				Ave		55214.6263						20.0			
PCB-1268 Peak 4	110350				Ave		110350.443						20.0			
PCB-1268 Peak 5	60010				Ave		60009.5750						20.0			
PCB-1268 Peak 6	22940				Ave		22940.3542						20.0			
PCB-1268 Peak 7	27278				Ave		27277.6547						20.0			
PCB-1268 Peak 8	166139				Ave		166139.057						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:29 Calibration End Date: 03/18/2013 20:29 Calibration ID: 20714

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/20	qf093636.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	26302347					1000				
PCB-1268 Peak 2	Ave	28076051					1000				
PCB-1268 Peak 3	Ave	55214626					1000				
PCB-1268 Peak 4	Ave	110350442					1000				
PCB-1268 Peak 5	Ave	60009575					1000				
PCB-1268 Peak 6	Ave	22940354					1000				
PCB-1268 Peak 7	Ave	27277654					1000				
PCB-1268 Peak 8	Ave	166139056					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:29 Calibration End Date: 03/18/2013 20:29 Calibration ID: 20722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/20	qr093636.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	6.968										6.898 - 7.038	6.968
PCB-1268 Peak 2	7.380										7.310 - 7.450	7.380
PCB-1268 Peak 3	8.726										8.656 - 8.796	8.726
PCB-1268 Peak 4	8.819										8.749 - 8.889	8.819
PCB-1268 Peak 5	9.315										9.245 - 9.385	9.315
PCB-1268 Peak 6	9.497										9.427 - 9.567	9.497
PCB-1268 Peak 7	9.982										9.912 - 10.052	9.982
PCB-1268 Peak 8	10.346										10.276 - 10.416	10.346

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:29 Calibration End Date: 03/18/2013 20:29 Calibration ID: 20722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/20	qr093636.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								
PCB-1268 Peak 1	30844				Ave		30843.6020						20.0			
PCB-1268 Peak 2	39733				Ave		39732.5491						20.0			
PCB-1268 Peak 3	151001				Ave		151001.463						20.0			
PCB-1268 Peak 4	143848				Ave		143847.810						20.0			
PCB-1268 Peak 5	122983				Ave		122982.575						20.0			
PCB-1268 Peak 6	36276				Ave		36276.4955						20.0			
PCB-1268 Peak 7	52807				Ave		52806.9635						20.0			
PCB-1268 Peak 8	244742				Ave		244741.625						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 151651

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2013 20:29 Calibration End Date: 03/18/2013 20:29 Calibration ID: 20722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-151651/20	qr093636.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	30843601					1000				
PCB-1268 Peak 2	Ave	39732549					1000				
PCB-1268 Peak 3	Ave	151001463					1000				
PCB-1268 Peak 4	Ave	143847810					1000				
PCB-1268 Peak 5	Ave	122982575					1000				
PCB-1268 Peak 6	Ave	36276495					1000				
PCB-1268 Peak 7	Ave	52806963					1000				
PCB-1268 Peak 8	Ave	244741625					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 10:45 Calibration End Date: 02/26/2013 11:50 Calibration ID: 20466

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/6	vf483712.d
Level 2	IC 460-148759/7	vf483713.d
Level 3	IC 460-148759/8	vf483714.d
Level 4	IC 460-148759/9	vf483715.d
Level 5	IC 460-148759/10	vf483716.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.070	3.076	3.069	3.068	3.069						2.999 - 3.139	3.070
PCB-1016 Peak 2	3.805	3.813	3.805	3.803	3.805						3.735 - 3.875	3.806
PCB-1016 Peak 3	4.259	4.264	4.258	4.256	4.257						4.188 - 4.328	4.259
PCB-1016 Peak 4	4.647	4.653	4.649	4.647	4.648						4.579 - 4.719	4.649
PCB-1016 Peak 5	4.897	4.904	4.898	4.897	4.897						4.828 - 4.968	4.899
PCB-1016 Peak 6	5.338	5.343	5.337	5.337	5.336						5.267 - 5.407	5.338
PCB-1016 Peak 7	5.729	5.735	5.730	5.730	5.730						5.660 - 5.800	5.731
PCB-1016 Peak 8	5.942	5.947	5.943	5.943	5.942						5.873 - 6.013	5.943
PCB-1260 Peak 1	8.025	8.028	8.024	8.027	8.024						7.954 - 8.094	8.026
PCB-1260 Peak 2	8.504	8.508	8.503	8.506	8.502						8.433 - 8.573	8.504
PCB-1260 Peak 3	9.409	9.412	9.407	9.410	9.407						9.337 - 9.477	9.409
PCB-1260 Peak 4	9.604	9.608	9.604	9.607	9.604						9.534 - 9.674	9.605
PCB-1260 Peak 5	9.708	9.710	9.708	9.710	9.707						9.638 - 9.778	9.709
PCB-1260 Peak 6	10.114	10.116	10.113	10.115	10.113						10.043 - 10.183	10.114
PCB-1260 Peak 7	10.750	10.752	10.751	10.752	10.751						10.681 - 10.821	10.751
PCB-1260 Peak 8	11.218	11.219	11.219	11.219	11.219						11.149 - 11.289	11.219
DCB Decachlorobiphenyl	11.650	11.652	11.650	11.650	11.650						11.550 - 11.750	11.651

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 10:45 Calibration End Date: 02/26/2013 11:50 Calibration ID: 20466

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/6	vf483712.d
Level 2	IC 460-148759/7	vf483713.d
Level 3	IC 460-148759/8	vf483714.d
Level 4	IC 460-148759/9	vf483715.d
Level 5	IC 460-148759/10	vf483716.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								
PCB-1016 Peak 1	12249 11809	12452	13031	12400	Ave		12388.2689				3.5		20.0			
PCB-1016 Peak 2	26312 22732	25263	24064	23358	Ave		24345.6909				5.9		20.0			
PCB-1016 Peak 3	10410 10324	10386	10748	10572	Ave		10488.1154				1.6		20.0			
PCB-1016 Peak 4	42755 42394	44173	43812	42816	Ave		43189.9969				1.8		20.0			
PCB-1016 Peak 5	18155 19558	20047	20422	19862	Ave		19608.7873				4.4		20.0			
PCB-1016 Peak 6	11653 11119	12152	11894	11512	Ave		11665.9939				3.4		20.0			
PCB-1016 Peak 7	13634 13414	13612	13719	13449	Ave		13565.7205				1.0		20.0			
PCB-1016 Peak 8	14067 15609	14641	15749	15549	Ave		15123.0700				4.9		20.0			
PCB-1260 Peak 1	30876 27273	30383	28714	27738	Ave		28996.6661				5.5		20.0			
PCB-1260 Peak 2	37185 30845	35025	32740	31652	Ave		33489.5103				7.8		20.0			
PCB-1260 Peak 3	46388 43982	46510	45085	44091	Ave		45211.1401				2.7		20.0			
PCB-1260 Peak 4	20849 18979	20664	19804	19210	Ave		19901.4259				4.2		20.0			
PCB-1260 Peak 5	11189 11585	12262	11761	11623	Ave		11684.1073				3.3		20.0			
PCB-1260 Peak 6	20009 20180	20601	20264	20060	Ave		20222.8381				1.2		20.0			
PCB-1260 Peak 7	25049 25476	24185	25190	25878	Ave		25155.5274				2.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 10:45 Calibration End Date: 02/26/2013 11:50 Calibration ID: 20466

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								
PCB-1260 Peak 8	9620.5 9568.1	9570.1	9469.3	9554.0	Ave		9556.37244				0.6		20.0			
DCB Decachlorobiphenyl	343540 307983	351173	305191	298287	Ave		321234.786				7.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 10:45 Calibration End Date: 02/26/2013 11:50 Calibration ID: 20466

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/6	vf483712.d
Level 2	IC 460-148759/7	vf483713.d
Level 3	IC 460-148759/8	vf483714.d
Level 4	IC 460-148759/9	vf483715.d
Level 5	IC 460-148759/10	vf483716.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
PCB-1016 Peak 1	Ave	1224894	6226153	13030937	18599954	29522981	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	2631238	12631392	24063526	35037004	56829404	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1041017	5193027	10748297	15858437	25809412	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	4275548	22086422	43811550	64223845	105985535	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1815514	10023447	20422312	29792312	48895123	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1165308	6075838	11894101	17268428	27797068	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1363401	6805932	13719213	20173957	33535527	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	1406748	7320569	15748891	23323288	39022456	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	3087582	15191306	28713845	41606741	68183065	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	3718544	17512725	32740441	47477555	77111293	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	4638758	23254914	45085235	66136544	109955070	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2084885	10332167	19804314	28815467	47448301	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1118923	6130893	11761238	17434866	28962596	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	2000938	10300326	20264054	30089747	50450683	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	2504947	12092408	25189800	38816875	63689086	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	962045	4785029	9469259	14330985	23920263	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	8588504	17558627	30519079	44743067	61596665	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 10:45 Calibration End Date: 02/26/2013 11:50 Calibration ID: 20472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/6	vr483712.d
Level 2	IC 460-148759/7	vr483713.d
Level 3	IC 460-148759/8	vr483714.d
Level 4	IC 460-148759/9	vr483715.d
Level 5	IC 460-148759/10	vr483716.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.092	2.092	2.089	2.089	2.090						2.019 - 2.159	2.090
PCB-1016 Peak 2	2.533	2.535	2.533	2.531	2.533						2.463 - 2.603	2.533
PCB-1016 Peak 3	2.785	2.785	2.784	2.781	2.782						2.714 - 2.854	2.783
PCB-1016 Peak 4	3.135	3.137	3.135	3.133	3.134						3.065 - 3.205	3.135
PCB-1016 Peak 5	3.335	3.339	3.338	3.334	3.336						3.268 - 3.408	3.337
PCB-1016 Peak 6	3.695	3.697	3.694	3.693	3.695						3.624 - 3.764	3.695
PCB-1016 Peak 7	4.056	4.057	4.053	4.052	4.053						3.983 - 4.123	4.054
PCB-1016 Peak 8	4.198	4.203	4.201	4.201	4.200						4.131 - 4.271	4.201
PCB-1260 Peak 1	6.087	6.089	6.086	6.087	6.085						6.016 - 6.156	6.087
PCB-1260 Peak 2	6.541	6.541	6.538	6.539	6.538						6.468 - 6.608	6.539
PCB-1260 Peak 3	6.987	6.987	6.985	6.986	6.985						6.915 - 7.055	6.986
PCB-1260 Peak 4	7.188	7.189	7.187	7.188	7.186						7.117 - 7.257	7.188
PCB-1260 Peak 5	7.633	7.633	7.630	7.633	7.630						7.560 - 7.700	7.632
PCB-1260 Peak 6	8.936	8.938	8.934	8.939	8.936						8.864 - 9.004	8.937
PCB-1260 Peak 7	9.162	9.158	9.158	9.161	9.157						9.088 - 9.228	9.159
PCB-1260 Peak 8	10.173	10.173	10.172	10.174	10.172						10.102 - 10.242	10.173
DCB Decachlorobiphenyl	10.643	10.643	10.642	10.642	10.641						10.542 - 10.742	10.642

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 10:45 Calibration End Date: 02/26/2013 11:50 Calibration ID: 20472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/6	vr483712.d
Level 2	IC 460-148759/7	vr483713.d
Level 3	IC 460-148759/8	vr483714.d
Level 4	IC 460-148759/9	vr483715.d
Level 5	IC 460-148759/10	vr483716.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								
PCB-1016 Peak 1	17716 15863	16343	16462	16751	Ave		16627.1645				4.1		20.0			
PCB-1016 Peak 2	27625 27159	29378	28454	28287	Ave		28180.7222				3.0		20.0			
PCB-1016 Peak 3	16857 20368	21000	20812	21068	Ave		20021.1150				8.9		20.0			
PCB-1016 Peak 4	62448 59338	65402	62554	60834	Ave		62115.0336				3.6		20.0			
PCB-1016 Peak 5	18418 22364	23032	22937	22563	Ave		21862.7813				8.9		20.0			
PCB-1016 Peak 6	18625 25540	23478	24454	24998	Ave		23419.0016				11.9		20.0			
PCB-1016 Peak 7	19866 22403	22465	22165	21928	Ave		21765.6845				5.0		20.0			
PCB-1016 Peak 8	8109.9 11617	10470	10900	12016	Ave		10622.6112				14.4		20.0			
PCB-1260 Peak 1	38539 33912	36470	36200	34717	Ave		35967.7928				5.0		20.0			
PCB-1260 Peak 2	71892 65821	70459	69852	67226	Ave		69050.1296				3.6		20.0			
PCB-1260 Peak 3	62313 61238	63027	63749	61875	Ave		62440.4121				1.6		20.0			
PCB-1260 Peak 4	34589 32866	35166	34802	33612	Ave		34206.9508				2.8		20.0			
PCB-1260 Peak 5	28934 28756	29390	29912	28921	Ave		29182.6704				1.6		20.0			
PCB-1260 Peak 6	29929 36574	35128	36435	36294	Ave		34872.1824				8.1		20.0			
PCB-1260 Peak 7	20969 25764	24620	25632	25246	Ave		24446.0899				8.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 10:45 Calibration End Date: 02/26/2013 11:50 Calibration ID: 20472

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								
PCB-1260 Peak 8	14300 18935	16875	18593	18477	Ave		17436.1595				11.0		20.0			
DCB Decachlorobiphenyl	528693 529181	572281	526597	513233	Ave		533997.245				4.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 10:45 Calibration End Date: 02/26/2013 11:50 Calibration ID: 20472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/6	vr483712.d
Level 2	IC 460-148759/7	vr483713.d
Level 3	IC 460-148759/8	vr483714.d
Level 4	IC 460-148759/9	vr483715.d
Level 5	IC 460-148759/10	vr483716.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
PCB-1016 Peak 1	Ave	1771621	8171541	16462492	25126261	39657995	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	2762544	14689164	28453817	42430877	67896937	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1685715	10499901	20811896	31602727	50920606	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	6244777	32700981	62553508	91250422	148345783	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1841820	11515989	22936732	33844585	55909850	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1862515	11739023	24454167	37497086	63848969	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1986595	11232695	22165398	32892576	56008251	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	810986	5235054	10899674	18024071	29043417	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	3853906	18235081	36200439	52075876	84780131	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	7189242	35229557	69851865	100839646	164552046	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	6231342	31513556	63748556	92812018	153095735	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	3458890	17582939	34801609	50418002	82165914	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	2893364	14695203	29911578	43382118	71890790	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	2992933	17563915	36435395	54440893	91436071	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	2096852	12309757	25632359	37868521	64410939	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	1430034	8437374	18593361	27715618	47338175	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	13217329	28614057	52659716	76985012	105836270	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:22 Calibration End Date: 02/26/2013 12:22 Calibration ID: 20467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/12	vf483718.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.728										1.658 - 1.798	1.728
PCB-1221 Peak 2	2.213										2.143 - 2.283	2.213
PCB-1221 Peak 3	2.769										2.699 - 2.839	2.769
PCB-1221 Peak 4	2.977										2.907 - 3.047	2.977
PCB-1221 Peak 5	3.068										2.998 - 3.138	3.068
PCB-1221 Peak 6	3.898										3.828 - 3.968	3.898
PCB-1221 Peak 7	4.257										4.187 - 4.327	4.257
PCB-1221 Peak 8	4.647										4.577 - 4.717	4.647

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:22 Calibration End Date: 02/26/2013 12:22 Calibration ID: 20467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/12	vf483718.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								
PCB-1221 Peak 1	5011.2				Ave		5011.21300						20.0			
PCB-1221 Peak 2	1684.2				Ave		1684.19300						20.0			
PCB-1221 Peak 3	7037.3				Ave		7037.28900						20.0			
PCB-1221 Peak 4	4688.3				Ave		4688.26700						20.0			
PCB-1221 Peak 5	17295				Ave		17295.1110						20.0			
PCB-1221 Peak 6	2588.9				Ave		2588.92100						20.0			
PCB-1221 Peak 7	678.29				Ave		678.287000						20.0			
PCB-1221 Peak 8	2787.1				Ave		2787.07300						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:22 Calibration End Date: 02/26/2013 12:22 Calibration ID: 20467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/12	vf483718.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	5011213					1000				
PCB-1221 Peak 2	Ave	1684193					1000				
PCB-1221 Peak 3	Ave	7037289					1000				
PCB-1221 Peak 4	Ave	4688267					1000				
PCB-1221 Peak 5	Ave	17295111					1000				
PCB-1221 Peak 6	Ave	2588921					1000				
PCB-1221 Peak 7	Ave	678287					1000				
PCB-1221 Peak 8	Ave	2787073					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:22 Calibration End Date: 02/26/2013 12:22 Calibration ID: 20473

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/12	vr483718.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.119										1.049 - 1.189	1.119
PCB-1221 Peak 2	1.517										1.447 - 1.587	1.517
PCB-1221 Peak 3	1.866										1.796 - 1.936	1.866
PCB-1221 Peak 4	2.087										2.017 - 2.157	2.087
PCB-1221 Peak 5	2.604										2.534 - 2.674	2.604
PCB-1221 Peak 6	2.687										2.617 - 2.757	2.687
PCB-1221 Peak 7	2.777										2.707 - 2.847	2.777
PCB-1221 Peak 8	3.133										3.063 - 3.203	3.133

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:22 Calibration End Date: 02/26/2013 12:22 Calibration ID: 20473

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/12	vr483718.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								
PCB-1221 Peak 1	7752.4				Ave		7752.41300						20.0			
PCB-1221 Peak 2	1853.8				Ave		1853.81200						20.0			
PCB-1221 Peak 3	7330.3				Ave		7330.27700						20.0			
PCB-1221 Peak 4	23782				Ave		23782.4580						20.0			
PCB-1221 Peak 5	1571.0				Ave		1571.01000						20.0			
PCB-1221 Peak 6	3194.9				Ave		3194.85300						20.0			
PCB-1221 Peak 7	1400.4				Ave		1400.43800						20.0			
PCB-1221 Peak 8	3773.4				Ave		3773.39700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:22 Calibration End Date: 02/26/2013 12:22 Calibration ID: 20473

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/12	vr483718.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	7752413					1000				
PCB-1221 Peak 2	Ave	1853812					1000				
PCB-1221 Peak 3	Ave	7330277					1000				
PCB-1221 Peak 4	Ave	23782458					1000				
PCB-1221 Peak 5	Ave	1571010					1000				
PCB-1221 Peak 6	Ave	3194853					1000				
PCB-1221 Peak 7	Ave	1400438					1000				
PCB-1221 Peak 8	Ave	3773397					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:39 Calibration End Date: 02/26/2013 12:39 Calibration ID: 20468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/13	vf483719.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.068										2.998 - 3.138	3.068
PCB-1232 Peak 2	3.802										3.732 - 3.872	3.802
PCB-1232 Peak 3	4.256										4.186 - 4.326	4.256
PCB-1232 Peak 4	4.896										4.826 - 4.966	4.896
PCB-1232 Peak 5	5.080										5.010 - 5.150	5.080
PCB-1232 Peak 6	5.264										5.194 - 5.334	5.264
PCB-1232 Peak 7	5.730										5.660 - 5.800	5.730
PCB-1232 Peak 8	5.941										5.871 - 6.011	5.941

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:39 Calibration End Date: 02/26/2013 12:39 Calibration ID: 20468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/13	vf483719.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								
PCB-1232 Peak 1	12283				Ave		12282.7060						20.0			
PCB-1232 Peak 2	10651				Ave		10651.3010						20.0			
PCB-1232 Peak 3	4496.7				Ave		4496.70000						20.0			
PCB-1232 Peak 4	8625.0				Ave		8625.04300						20.0			
PCB-1232 Peak 5	4816.6				Ave		4816.62600						20.0			
PCB-1232 Peak 6	4857.2				Ave		4857.17400						20.0			
PCB-1232 Peak 7	6485.1				Ave		6485.08700						20.0			
PCB-1232 Peak 8	7398.4				Ave		7398.43700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:39 Calibration End Date: 02/26/2013 12:39 Calibration ID: 20468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/13	vf483719.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	12282706					1000				
PCB-1232 Peak 2	Ave	10651301					1000				
PCB-1232 Peak 3	Ave	4496700					1000				
PCB-1232 Peak 4	Ave	8625043					1000				
PCB-1232 Peak 5	Ave	4816626					1000				
PCB-1232 Peak 6	Ave	4857174					1000				
PCB-1232 Peak 7	Ave	6485087					1000				
PCB-1232 Peak 8	Ave	7398437					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:39 Calibration End Date: 02/26/2013 12:39 Calibration ID: 20474

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/13	vr483719.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.088										2.018 - 2.158	2.088
PCB-1232 Peak 2	2.531										2.461 - 2.601	2.531
PCB-1232 Peak 3	2.781										2.711 - 2.851	2.781
PCB-1232 Peak 4	3.133										3.063 - 3.203	3.133
PCB-1232 Peak 5	3.335										3.265 - 3.405	3.335
PCB-1232 Peak 6	3.429										3.359 - 3.499	3.429
PCB-1232 Peak 7	4.051										3.981 - 4.121	4.051
PCB-1232 Peak 8	4.625										4.555 - 4.695	4.625

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:39 Calibration End Date: 02/26/2013 12:39 Calibration ID: 20474

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/13	vr483719.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								
PCB-1232 Peak 1	15890				Ave		15889.6830						20.0			
PCB-1232 Peak 2	12672				Ave		12672.3720						20.0			
PCB-1232 Peak 3	8910.2				Ave		8910.19500						20.0			
PCB-1232 Peak 4	27412				Ave		27412.2470						20.0			
PCB-1232 Peak 5	9678.0				Ave		9678.00300						20.0			
PCB-1232 Peak 6	5964.5				Ave		5964.53500						20.0			
PCB-1232 Peak 7	10237				Ave		10237.1100						20.0			
PCB-1232 Peak 8	4095.7				Ave		4095.70900						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:39 Calibration End Date: 02/26/2013 12:39 Calibration ID: 20474

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/13	vr483719.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	15889683					1000				
PCB-1232 Peak 2	Ave	12672372					1000				
PCB-1232 Peak 3	Ave	8910195					1000				
PCB-1232 Peak 4	Ave	27412247					1000				
PCB-1232 Peak 5	Ave	9678003					1000				
PCB-1232 Peak 6	Ave	5964535					1000				
PCB-1232 Peak 7	Ave	10237110					1000				
PCB-1232 Peak 8	Ave	4095709					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:55 Calibration End Date: 02/26/2013 12:55 Calibration ID: 20469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/14	vf483720.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.068										2.998 - 3.138	3.068
PCB-1242 Peak 2	3.804										3.734 - 3.874	3.804
PCB-1242 Peak 3	4.256										4.186 - 4.326	4.256
PCB-1242 Peak 4	4.647										4.577 - 4.717	4.647
PCB-1242 Peak 5	4.897										4.827 - 4.967	4.897
PCB-1242 Peak 6	5.263										5.193 - 5.333	5.263
PCB-1242 Peak 7	5.942										5.872 - 6.012	5.942
PCB-1242 Peak 8	6.456										6.386 - 6.526	6.456

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:55 Calibration End Date: 02/26/2013 12:55 Calibration ID: 20469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/14	vf483720.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								
PCB-1242 Peak 1	11043				Ave		11042.9690						20.0			
PCB-1242 Peak 2	19613				Ave		19613.0290						20.0			
PCB-1242 Peak 3	8518.6				Ave		8518.63600						20.0			
PCB-1242 Peak 4	35315				Ave		35314.8110						20.0			
PCB-1242 Peak 5	16262				Ave		16261.9760						20.0			
PCB-1242 Peak 6	8083.1				Ave		8083.06800						20.0			
PCB-1242 Peak 7	13916				Ave		13916.4860						20.0			
PCB-1242 Peak 8	14385				Ave		14385.2390						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:55 Calibration End Date: 02/26/2013 12:55 Calibration ID: 20469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/14	vf483720.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	11042969					1000				
PCB-1242 Peak 2	Ave	19613029					1000				
PCB-1242 Peak 3	Ave	8518636					1000				
PCB-1242 Peak 4	Ave	35314811					1000				
PCB-1242 Peak 5	Ave	16261976					1000				
PCB-1242 Peak 6	Ave	8083068					1000				
PCB-1242 Peak 7	Ave	13916486					1000				
PCB-1242 Peak 8	Ave	14385239					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:55 Calibration End Date: 02/26/2013 12:55 Calibration ID: 20475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/14	vr483720.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.089										2.019 - 2.159	2.089
PCB-1242 Peak 2	2.531										2.461 - 2.601	2.531
PCB-1242 Peak 3	2.781										2.711 - 2.851	2.781
PCB-1242 Peak 4	3.133										3.063 - 3.203	3.133
PCB-1242 Peak 5	3.335										3.265 - 3.405	3.335
PCB-1242 Peak 6	3.693										3.623 - 3.763	3.693
PCB-1242 Peak 7	4.053										3.983 - 4.123	4.053
PCB-1242 Peak 8	5.135										5.065 - 5.205	5.135

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:55 Calibration End Date: 02/26/2013 12:55 Calibration ID: 20475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/14	vr483720.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								
PCB-1242 Peak 1	14547				Ave		14547.3510						20.0			
PCB-1242 Peak 2	22860				Ave		22859.6860						20.0			
PCB-1242 Peak 3	16860				Ave		16860.2630						20.0			
PCB-1242 Peak 4	50811				Ave		50810.8930						20.0			
PCB-1242 Peak 5	18260				Ave		18260.2040						20.0			
PCB-1242 Peak 6	19359				Ave		19359.3230						20.0			
PCB-1242 Peak 7	18602				Ave		18602.1080						20.0			
PCB-1242 Peak 8	12384				Ave		12383.7240						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 12:55 Calibration End Date: 02/26/2013 12:55 Calibration ID: 20475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/14	vr483720.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	14547351					1000				
PCB-1242 Peak 2	Ave	22859686					1000				
PCB-1242 Peak 3	Ave	16860263					1000				
PCB-1242 Peak 4	Ave	50810893					1000				
PCB-1242 Peak 5	Ave	18260204					1000				
PCB-1242 Peak 6	Ave	19359323					1000				
PCB-1242 Peak 7	Ave	18602108					1000				
PCB-1242 Peak 8	Ave	12383724					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:11 Calibration End Date: 02/26/2013 13:11 Calibration ID: 20470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/15	vf483721.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.801										3.731 - 3.871	3.801
PCB-1248 Peak 2	4.644										4.574 - 4.714	4.644
PCB-1248 Peak 3	5.080										5.010 - 5.150	5.080
PCB-1248 Peak 4	5.262										5.192 - 5.332	5.262
PCB-1248 Peak 5	5.730										5.660 - 5.800	5.730
PCB-1248 Peak 6	5.941										5.871 - 6.011	5.941
PCB-1248 Peak 7	6.382										6.312 - 6.452	6.382
PCB-1248 Peak 8	6.456										6.386 - 6.526	6.456

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:11 Calibration End Date: 02/26/2013 13:11 Calibration ID: 20470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/15	vf483721.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								
PCB-1248 Peak 1	10024				Ave		10024.4710						20.0			
PCB-1248 Peak 2	23618				Ave		23618.1170						20.0			
PCB-1248 Peak 3	4501.7				Ave		4501.72600						20.0			
PCB-1248 Peak 4	14129				Ave		14129.3170						20.0			
PCB-1248 Peak 5	18297				Ave		18296.7570						20.0			
PCB-1248 Peak 6	21022				Ave		21022.0880						20.0			
PCB-1248 Peak 7	18405				Ave		18405.3690						20.0			
PCB-1248 Peak 8	25175				Ave		25175.4480						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:11 Calibration End Date: 02/26/2013 13:11 Calibration ID: 20470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/15	vf483721.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	10024471					1000				
PCB-1248 Peak 2	Ave	23618117					1000				
PCB-1248 Peak 3	Ave	4501726					1000				
PCB-1248 Peak 4	Ave	14129317					1000				
PCB-1248 Peak 5	Ave	18296757					1000				
PCB-1248 Peak 6	Ave	21022088					1000				
PCB-1248 Peak 7	Ave	18405369					1000				
PCB-1248 Peak 8	Ave	25175448					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:11 Calibration End Date: 02/26/2013 13:11 Calibration ID: 20476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/15	vr483721.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.529										2.459 - 2.599	2.529
PCB-1248 Peak 2	3.130										3.060 - 3.200	3.130
PCB-1248 Peak 3	3.344										3.274 - 3.414	3.344
PCB-1248 Peak 4	3.688										3.618 - 3.758	3.688
PCB-1248 Peak 5	4.051										3.981 - 4.121	4.051
PCB-1248 Peak 6	4.195										4.125 - 4.265	4.195
PCB-1248 Peak 7	4.624										4.554 - 4.694	4.624
PCB-1248 Peak 8	5.135										5.065 - 5.205	5.135

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:11 Calibration End Date: 02/26/2013 13:11 Calibration ID: 20476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/15	vr483721.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								
PCB-1248 Peak 1	11615				Ave		11615.2620						20.0			
PCB-1248 Peak 2	35160				Ave		35160.2380						20.0			
PCB-1248 Peak 3	11579				Ave		11579.4610						20.0			
PCB-1248 Peak 4	32024				Ave		32024.1480						20.0			
PCB-1248 Peak 5	29103				Ave		29103.1370						20.0			
PCB-1248 Peak 6	17952				Ave		17952.4680						20.0			
PCB-1248 Peak 7	14397				Ave		14397.1220						20.0			
PCB-1248 Peak 8	27536				Ave		27536.3030						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:11 Calibration End Date: 02/26/2013 13:11 Calibration ID: 20476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/15	vr483721.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	11615262					1000				
PCB-1248 Peak 2	Ave	35160238					1000				
PCB-1248 Peak 3	Ave	11579461					1000				
PCB-1248 Peak 4	Ave	32024148					1000				
PCB-1248 Peak 5	Ave	29103137					1000				
PCB-1248 Peak 6	Ave	17952468					1000				
PCB-1248 Peak 7	Ave	14397122					1000				
PCB-1248 Peak 8	Ave	27536303					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:27 Calibration End Date: 02/26/2013 13:27 Calibration ID: 20471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/16	vf483722.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.266										5.196 - 5.336	5.266
PCB-1254 Peak 2	6.454										6.384 - 6.524	6.454
PCB-1254 Peak 3	6.777										6.707 - 6.847	6.777
PCB-1254 Peak 4	7.393										7.323 - 7.463	7.393
PCB-1254 Peak 5	7.620										7.550 - 7.690	7.620
PCB-1254 Peak 6	8.920										8.850 - 8.990	8.920
PCB-1254 Peak 7	9.415										9.345 - 9.485	9.415
PCB-1254 Peak 8	10.070										10.000 - 10.140	10.070

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:27 Calibration End Date: 02/26/2013 13:27 Calibration ID: 20471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/16	vf483722.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								
PCB-1254 Peak 1	11460				Ave		11459.8640						20.0			
PCB-1254 Peak 2	21506				Ave		21505.6870						20.0			
PCB-1254 Peak 3	21595				Ave		21595.1370						20.0			
PCB-1254 Peak 4	17130				Ave		17130.2220						20.0			
PCB-1254 Peak 5	35757				Ave		35757.3680						20.0			
PCB-1254 Peak 6	29061				Ave		29060.6090						20.0			
PCB-1254 Peak 7	34882				Ave		34881.7850						20.0			
PCB-1254 Peak 8	7149.4				Ave		7149.43500						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:27 Calibration End Date: 02/26/2013 13:27 Calibration ID: 20471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/16	vf483722.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	11459864					1000				
PCB-1254 Peak 2	Ave	21505687					1000				
PCB-1254 Peak 3	Ave	21595137					1000				
PCB-1254 Peak 4	Ave	17130222					1000				
PCB-1254 Peak 5	Ave	35757368					1000				
PCB-1254 Peak 6	Ave	29060609					1000				
PCB-1254 Peak 7	Ave	34881785					1000				
PCB-1254 Peak 8	Ave	7149435					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:27 Calibration End Date: 02/26/2013 13:27 Calibration ID: 20477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/16	vr483722.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.702										4.632 - 4.772	4.702
PCB-1254 Peak 2	4.772										4.702 - 4.842	4.772
PCB-1254 Peak 3	5.142										5.072 - 5.212	5.142
PCB-1254 Peak 4	5.585										5.515 - 5.655	5.585
PCB-1254 Peak 5	5.786										5.716 - 5.856	5.786
PCB-1254 Peak 6	6.239										6.169 - 6.309	6.239
PCB-1254 Peak 7	6.540										6.470 - 6.610	6.540
PCB-1254 Peak 8	6.990										6.920 - 7.060	6.990

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:27 Calibration End Date: 02/26/2013 13:27 Calibration ID: 20477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/16	vr483722.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								
PCB-1254 Peak 1	22883				Ave		22882.8730						20.0			
PCB-1254 Peak 2	26105				Ave		26105.4070						20.0			
PCB-1254 Peak 3	38542				Ave		38541.7330						20.0			
PCB-1254 Peak 4	25532				Ave		25532.0870						20.0			
PCB-1254 Peak 5	45303				Ave		45303.3200						20.0			
PCB-1254 Peak 6	42163				Ave		42162.9270						20.0			
PCB-1254 Peak 7	34712				Ave		34711.5040						20.0			
PCB-1254 Peak 8	45849				Ave		45849.2880						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:27 Calibration End Date: 02/26/2013 13:27 Calibration ID: 20477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/16	vr483722.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	22882873					1000				
PCB-1254 Peak 2	Ave	26105407					1000				
PCB-1254 Peak 3	Ave	38541733					1000				
PCB-1254 Peak 4	Ave	25532087					1000				
PCB-1254 Peak 5	Ave	45303320					1000				
PCB-1254 Peak 6	Ave	42162927					1000				
PCB-1254 Peak 7	Ave	34711504					1000				
PCB-1254 Peak 8	Ave	45849288					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:43 Calibration End Date: 02/26/2013 13:43 Calibration ID: 20478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/17	vf483723.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	8.026										7.956 - 8.096	8.026
PCB-1262 Peak 2	8.505										8.435 - 8.575	8.505
PCB-1262 Peak 3	9.606										9.536 - 9.676	9.606
PCB-1262 Peak 4	10.115										10.045 - 10.185	10.115
PCB-1262 Peak 5	10.749										10.679 - 10.819	10.749
PCB-1262 Peak 6	10.780										10.710 - 10.850	10.780
PCB-1262 Peak 7	11.219										11.149 - 11.289	11.219
PCB-1262 Peak 8	11.462										11.392 - 11.532	11.462

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:43 Calibration End Date: 02/26/2013 13:43 Calibration ID: 20478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/17	vf483723.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								
PCB-1262 Peak 1	22730				Ave		22730.0330						20.0			
PCB-1262 Peak 2	26954				Ave		26953.6270						20.0			
PCB-1262 Peak 3	31377				Ave		31376.7910						20.0			
PCB-1262 Peak 4	23952				Ave		23952.2000						20.0			
PCB-1262 Peak 5	28236				Ave		28236.3630						20.0			
PCB-1262 Peak 6	23729				Ave		23729.1030						20.0			
PCB-1262 Peak 7	17379				Ave		17379.3690						20.0			
PCB-1262 Peak 8	5350.1				Ave		5350.07100						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:43 Calibration End Date: 02/26/2013 13:43 Calibration ID: 20478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/17	vf483723.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	22730033					1000				
PCB-1262 Peak 2	Ave	26953627					1000				
PCB-1262 Peak 3	Ave	31376791					1000				
PCB-1262 Peak 4	Ave	23952200					1000				
PCB-1262 Peak 5	Ave	28236363					1000				
PCB-1262 Peak 6	Ave	23729103					1000				
PCB-1262 Peak 7	Ave	17379369					1000				
PCB-1262 Peak 8	Ave	5350071					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:43 Calibration End Date: 02/26/2013 13:43 Calibration ID: 20480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/17	vr483723.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.863										5.793 - 5.933	5.863
PCB-1262 Peak 2	6.087										6.017 - 6.157	6.087
PCB-1262 Peak 3	6.985										6.915 - 7.055	6.985
PCB-1262 Peak 4	7.189										7.119 - 7.259	7.189
PCB-1262 Peak 5	7.632										7.562 - 7.702	7.632
PCB-1262 Peak 6	8.938										8.868 - 9.008	8.938
PCB-1262 Peak 7	9.159										9.089 - 9.229	9.159
PCB-1262 Peak 8	10.174										10.104 - 10.244	10.174

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:43 Calibration End Date: 02/26/2013 13:43 Calibration ID: 20480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/17	vr483723.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								
PCB-1262 Peak 1	24022				Ave		24021.6180						20.0			
PCB-1262 Peak 2	31817				Ave		31817.3010						20.0			
PCB-1262 Peak 3	23144				Ave		23143.7990						20.0			
PCB-1262 Peak 4	56443				Ave		56443.2380						20.0			
PCB-1262 Peak 5	39480				Ave		39480.2960						20.0			
PCB-1262 Peak 6	33921				Ave		33920.5640						20.0			
PCB-1262 Peak 7	51142				Ave		51142.0880						20.0			
PCB-1262 Peak 8	34976				Ave		34975.9180						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:43 Calibration End Date: 02/26/2013 13:43 Calibration ID: 20480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/17	vr483723.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	24021618					1000				
PCB-1262 Peak 2	Ave	31817301					1000				
PCB-1262 Peak 3	Ave	23143799					1000				
PCB-1262 Peak 4	Ave	56443238					1000				
PCB-1262 Peak 5	Ave	39480296					1000				
PCB-1262 Peak 6	Ave	33920564					1000				
PCB-1262 Peak 7	Ave	51142088					1000				
PCB-1262 Peak 8	Ave	34975918					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:59 Calibration End Date: 02/26/2013 13:59 Calibration ID: 20479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/18	vf483724.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.605										9.535 - 9.675	9.605
PCB-1268 Peak 2	10.115										10.045 - 10.185	10.115
PCB-1268 Peak 3	10.744										10.674 - 10.814	10.744
PCB-1268 Peak 4	10.782										10.712 - 10.852	10.782
PCB-1268 Peak 5	10.994										10.924 - 11.064	10.994
PCB-1268 Peak 6	11.073										11.003 - 11.143	11.073
PCB-1268 Peak 7	11.218										11.148 - 11.288	11.218
PCB-1268 Peak 8	11.462										11.392 - 11.532	11.462

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:59 Calibration End Date: 02/26/2013 13:59 Calibration ID: 20479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/18	vf483724.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								
PCB-1268 Peak 1	14002				Ave		14002.2500						20.0			
PCB-1268 Peak 2	14981				Ave		14981.1530						20.0			
PCB-1268 Peak 3	37464				Ave		37463.7300						20.0			
PCB-1268 Peak 4	55245				Ave		55245.2340						20.0			
PCB-1268 Peak 5	36634				Ave		36633.7540						20.0			
PCB-1268 Peak 6	12199				Ave		12198.5600						20.0			
PCB-1268 Peak 7	17549				Ave		17549.4480						20.0			
PCB-1268 Peak 8	99430				Ave		99429.9630						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:59 Calibration End Date: 02/26/2013 13:59 Calibration ID: 20479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/18	vf483724.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	14002250					1000				
PCB-1268 Peak 2	Ave	14981153					1000				
PCB-1268 Peak 3	Ave	37463730					1000				
PCB-1268 Peak 4	Ave	55245234					1000				
PCB-1268 Peak 5	Ave	36633754					1000				
PCB-1268 Peak 6	Ave	12198560					1000				
PCB-1268 Peak 7	Ave	17549448					1000				
PCB-1268 Peak 8	Ave	99429963					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:59 Calibration End Date: 02/26/2013 13:59 Calibration ID: 20481

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/18	vr483724.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.188										7.118 - 7.258	7.188
PCB-1268 Peak 2	7.623										7.553 - 7.693	7.623
PCB-1268 Peak 3	9.045										8.975 - 9.115	9.045
PCB-1268 Peak 4	9.140										9.070 - 9.210	9.140
PCB-1268 Peak 5	9.580										9.510 - 9.650	9.580
PCB-1268 Peak 6	9.736										9.666 - 9.806	9.736
PCB-1268 Peak 7	10.172										10.102 - 10.242	10.172
PCB-1268 Peak 8	10.478										10.408 - 10.548	10.478

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:59 Calibration End Date: 02/26/2013 13:59 Calibration ID: 20481

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/18	vr483724.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								
PCB-1268 Peak 1	25337				Ave		25336.5980						20.0			
PCB-1268 Peak 2	31979				Ave		31978.5880						20.0			
PCB-1268 Peak 3	104176				Ave		104175.769						20.0			
PCB-1268 Peak 4	122982				Ave		122981.958						20.0			
PCB-1268 Peak 5	88287				Ave		88286.6940						20.0			
PCB-1268 Peak 6	27441				Ave		27440.7390						20.0			
PCB-1268 Peak 7	36587				Ave		36587.2720						20.0			
PCB-1268 Peak 8	178146				Ave		178146.273						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 148759

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 13:59 Calibration End Date: 02/26/2013 13:59 Calibration ID: 20481

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148759/18	vr483724.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	25336598					1000				
PCB-1268 Peak 2	Ave	31978588					1000				
PCB-1268 Peak 3	Ave	104175769					1000				
PCB-1268 Peak 4	Ave	122981958					1000				
PCB-1268 Peak 5	Ave	88286694					1000				
PCB-1268 Peak 6	Ave	27440739					1000				
PCB-1268 Peak 7	Ave	36587272					1000				
PCB-1268 Peak 8	Ave	178146273					1000				

Curve Type Legend:

Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151554/3 Calibration Date: 03/18/2013 08:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200681.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	123.0	131.2		1070	1000	6.7	15.0
PCB-1016 Peak 2	Ave	267.1	270.0		1010	1000	1.1	15.0
PCB-1016 Peak 3	Ave	118.2	130.7		1110	1000	10.6	15.0
PCB-1016 Peak 4	Ave	485.5	514.9		1060	1000	6.0	15.0
PCB-1016 Peak 5	Ave	209.2	234.1		1120	1000	11.9	15.0
PCB-1016 Peak 6	Ave	131.2	142.9		1090	1000	8.9	15.0
PCB-1016 Peak 7	Ave	144.0	159.2		1110	1000	10.6	15.0
PCB-1016 Peak 8	Ave	163.9	193.5		1180	1000	18.0*	15.0
PCB-1260 Peak 1	Ave	334.2	350.7		1050	1000	4.9	15.0
PCB-1260 Peak 2	Ave	380.1	397.6		1050	1000	4.6	15.0
PCB-1260 Peak 3	Ave	548.8	575.6		1050	1000	4.9	15.0
PCB-1260 Peak 4	Ave	261.4	273.3		1050	1000	4.5	15.0
PCB-1260 Peak 5	Ave	151.5	165.3		1090	1000	9.1	15.0
PCB-1260 Peak 6	Ave	304.9	316.5		1040	1000	3.8	15.0
PCB-1260 Peak 7	Ave	376.5	369.6		981	1000	-1.9	15.0
PCB-1260 Peak 8	Ave	126.3	119.9		949	1000	-5.1	15.0
DCB Decachlorobiphenyl	Ave	3678	3660		99.5	100	-0.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151554/3 Calibration Date: 03/18/2013 08:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200681.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.13	3.05	3.19
PCB-1016 Peak 2	3.60	3.53	3.67
PCB-1016 Peak 3	3.90	3.82	3.96
PCB-1016 Peak 4	4.15	4.08	4.22
PCB-1016 Peak 5	4.32	4.25	4.39
PCB-1016 Peak 6	4.62	4.55	4.69
PCB-1016 Peak 7	4.91	4.84	4.98
PCB-1016 Peak 8	5.07	5.00	5.14
PCB-1260 Peak 1	6.63	6.56	6.70
PCB-1260 Peak 2	6.98	6.91	7.05
PCB-1260 Peak 3	7.68	7.62	7.76
PCB-1260 Peak 4	7.88	7.82	7.96
PCB-1260 Peak 5	8.01	7.94	8.08
PCB-1260 Peak 6	8.59	8.52	8.66
PCB-1260 Peak 7	9.58	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28
DCB Decachlorobiphenyl	10.73	10.63	10.83

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151554/3 Calibration Date: 03/18/2013 08:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200681.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	122.3	131.5		1080	1000	7.5	15.0
PCB-1016 Peak 2	Ave	212.1	215.3		1020	1000	1.5	15.0
PCB-1016 Peak 3	Ave	147.3	165.5		1120	1000	12.4	15.0
PCB-1016 Peak 4	Ave	443.4	467.5		1050	1000	5.4	15.0
PCB-1016 Peak 5	Ave	170.5	181.9		1070	1000	6.7	15.0
PCB-1016 Peak 6	Ave		214.6		0.0760	1000		15.0
PCB-1016 Peak 7	Ave	178.6	190.7		1070	1000	6.8	15.0
PCB-1016 Peak 8	Ave	80.15	87.09		1090	1000	8.7	15.0
PCB-1260 Peak 1	Ave	260.2	271.8		1040	1000	4.4	15.0
PCB-1260 Peak 2	Ave	461.3	476.9		1030	1000	3.4	15.0
PCB-1260 Peak 3	Ave	435.5	453.1		1040	1000	4.0	15.0
PCB-1260 Peak 4	Ave	207.3	220.3		1060	1000	6.3	15.0
PCB-1260 Peak 5	Ave	231.3	226.4		979	1000	-2.1	15.0
PCB-1260 Peak 6	Ave	277.7	256.5		924	1000	-7.6	15.0
PCB-1260 Peak 7	Ave	152.2	168.4		1110	1000	10.6	15.0
PCB-1260 Peak 8	Ave	141.0	158.0		1120	1000	12.1	15.0
DCB Decachlorobiphenyl	Ave	5228	5252		100	100	0.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151554/3 Calibration Date: 03/18/2013 08:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200681.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.11	2.03	2.17
PCB-1016 Peak 2	2.41	2.34	2.48
PCB-1016 Peak 3	2.60	2.52	2.66
PCB-1016 Peak 4	2.85	2.77	2.91
PCB-1016 Peak 5	2.99	2.91	3.05
PCB-1016 Peak 6	3.19	3.12	3.26
PCB-1016 Peak 7	3.41	3.33	3.47
PCB-1016 Peak 8	3.50	3.43	3.57
PCB-1260 Peak 1	4.79	4.72	4.86
PCB-1260 Peak 2	5.13	5.06	5.20
PCB-1260 Peak 3	5.47	5.40	5.54
PCB-1260 Peak 4	5.61	5.54	5.68
PCB-1260 Peak 5	5.92	5.85	5.99
PCB-1260 Peak 6	6.77	6.70	6.84
PCB-1260 Peak 7	6.91	6.84	6.98
PCB-1260 Peak 8	7.99	7.93	8.07
DCB Decachlorobiphenyl	9.00	8.91	9.11

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151554/13 Calibration Date: 03/18/2013 12:19

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200691.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	123.0	131.3		1070	1000	6.7	15.0
PCB-1016 Peak 2	Ave	267.1	270.8		1010	1000	1.4	15.0
PCB-1016 Peak 3	Ave	118.2	130.3		1100	1000	10.3	15.0
PCB-1016 Peak 4	Ave	485.5	516.9		1060	1000	6.5	15.0
PCB-1016 Peak 5	Ave	209.2	233.8		1120	1000	11.8	15.0
PCB-1016 Peak 6	Ave	131.2	142.8		1090	1000	8.9	15.0
PCB-1016 Peak 7	Ave	144.0	159.7		1110	1000	10.9	15.0
PCB-1016 Peak 8	Ave	163.9	194.1		1180	1000	18.4*	15.0
PCB-1260 Peak 1	Ave	334.2	353.7		1060	1000	5.8	15.0
PCB-1260 Peak 2	Ave	380.1	400.3		1050	1000	5.3	15.0
PCB-1260 Peak 3	Ave	548.8	582.7		1060	1000	6.2	15.0
PCB-1260 Peak 4	Ave	261.4	277.3		1060	1000	6.1	15.0
PCB-1260 Peak 5	Ave	151.5	169.0		1120	1000	11.5	15.0
PCB-1260 Peak 6	Ave	304.9	319.7		1050	1000	4.9	15.0
PCB-1260 Peak 7	Ave	376.5	396.9		1050	1000	5.4	15.0
PCB-1260 Peak 8	Ave	126.3	120.9		958	1000	-4.2	15.0
DCB Decachlorobiphenyl	Ave	3678	3716		101	100	1.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151554/13 Calibration Date: 03/18/2013 12:19

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200691.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.13	3.05	3.19
PCB-1016 Peak 2	3.60	3.53	3.67
PCB-1016 Peak 3	3.89	3.82	3.96
PCB-1016 Peak 4	4.15	4.08	4.22
PCB-1016 Peak 5	4.32	4.25	4.39
PCB-1016 Peak 6	4.62	4.55	4.69
PCB-1016 Peak 7	4.91	4.84	4.98
PCB-1016 Peak 8	5.07	5.00	5.14
PCB-1260 Peak 1	6.63	6.56	6.70
PCB-1260 Peak 2	6.98	6.91	7.05
PCB-1260 Peak 3	7.68	7.62	7.76
PCB-1260 Peak 4	7.88	7.82	7.96
PCB-1260 Peak 5	8.00	7.94	8.08
PCB-1260 Peak 6	8.58	8.52	8.66
PCB-1260 Peak 7	9.58	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28
DCB Decachlorobiphenyl	10.72	10.63	10.83

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151554/13 Calibration Date: 03/18/2013 12:19

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200691.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	122.3	132.2		1080	1000	8.1	15.0
PCB-1016 Peak 2	Ave	212.1	216.0		1020	1000	1.8	15.0
PCB-1016 Peak 3	Ave	147.3	163.9		1110	1000	11.3	15.0
PCB-1016 Peak 4	Ave	443.4	469.7		1060	1000	5.9	15.0
PCB-1016 Peak 5	Ave	170.5	183.1		1070	1000	7.4	15.0
PCB-1016 Peak 6	Ave		249.1		0.0760	1000		15.0
PCB-1016 Peak 7	Ave	178.6	190.0		1060	1000	6.4	15.0
PCB-1016 Peak 8	Ave	80.15	87.07		1090	1000	8.6	15.0
PCB-1260 Peak 1	Ave	260.2	276.0		1060	1000	6.1	15.0
PCB-1260 Peak 2	Ave	461.3	485.2		1050	1000	5.2	15.0
PCB-1260 Peak 3	Ave	435.5	463.1		1060	1000	6.3	15.0
PCB-1260 Peak 4	Ave	207.3	225.9		1090	1000	9.0	15.0
PCB-1260 Peak 5	Ave	231.3	237.3		1030	1000	2.6	15.0
PCB-1260 Peak 6	Ave	277.7	269.4		970	1000	-3.0	15.0
PCB-1260 Peak 7	Ave	152.2	176.9		1160	1000	16.3*	15.0
PCB-1260 Peak 8	Ave	141.0	159.3		1130	1000	13.0	15.0
DCB Decachlorobiphenyl	Ave	5228	5363		103	100	2.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151554/13 Calibration Date: 03/18/2013 12:19

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200691.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.11	2.03	2.17
PCB-1016 Peak 2	2.41	2.34	2.48
PCB-1016 Peak 3	2.59	2.52	2.66
PCB-1016 Peak 4	2.85	2.77	2.91
PCB-1016 Peak 5	2.99	2.91	3.05
PCB-1016 Peak 6	3.19	3.12	3.26
PCB-1016 Peak 7	3.41	3.33	3.47
PCB-1016 Peak 8	3.50	3.43	3.57
PCB-1260 Peak 1	4.79	4.72	4.86
PCB-1260 Peak 2	5.13	5.06	5.20
PCB-1260 Peak 3	5.47	5.40	5.54
PCB-1260 Peak 4	5.61	5.54	5.68
PCB-1260 Peak 5	5.91	5.85	5.99
PCB-1260 Peak 6	6.77	6.70	6.84
PCB-1260 Peak 7	6.90	6.84	6.98
PCB-1260 Peak 8	7.99	7.93	8.07
DCB Decachlorobiphenyl	9.00	8.91	9.11

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151607/3 Calibration Date: 03/18/2013 13:59

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200696.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	123.0	133.3		1080	1000	8.4	15.0
PCB-1016 Peak 2	Ave	267.1	270.4		1010	1000	1.2	15.0
PCB-1016 Peak 3	Ave	118.2	126.8		1070	1000	7.3	15.0
PCB-1016 Peak 4	Ave	485.5	512.4		1060	1000	5.5	15.0
PCB-1016 Peak 5	Ave	209.2	229.8		1100	1000	9.9	15.0
PCB-1016 Peak 6	Ave	131.2	138.2		1050	1000	5.3	15.0
PCB-1016 Peak 7	Ave	144.0	159.5		1110	1000	10.8	15.0
PCB-1016 Peak 8	Ave	163.9	190.5		1160	1000	16.3*	15.0
PCB-1260 Peak 1	Ave	334.2	345.3		1030	1000	3.3	15.0
PCB-1260 Peak 2	Ave	380.1	391.2		1030	1000	2.9	15.0
PCB-1260 Peak 3	Ave	548.8	572.1		1040	1000	4.3	15.0
PCB-1260 Peak 4	Ave	261.4	270.2		1030	1000	3.3	15.0
PCB-1260 Peak 5	Ave	151.5	159.2		1050	1000	5.1	15.0
PCB-1260 Peak 6	Ave	304.9	313.3		1030	1000	2.7	15.0
PCB-1260 Peak 7	Ave	376.5	361.9		961	1000	-3.9	15.0
PCB-1260 Peak 8	Ave	126.3	122.3		969	1000	-3.1	15.0
DCB Decachlorobiphenyl	Ave	3678	3725		101	100	1.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151607/3 Calibration Date: 03/18/2013 13:59

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200696.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.12	3.05	3.19
PCB-1016 Peak 2	3.60	3.53	3.67
PCB-1016 Peak 3	3.89	3.82	3.96
PCB-1016 Peak 4	4.14	4.08	4.22
PCB-1016 Peak 5	4.32	4.25	4.39
PCB-1016 Peak 6	4.62	4.55	4.69
PCB-1016 Peak 7	4.91	4.84	4.98
PCB-1016 Peak 8	5.07	5.00	5.14
PCB-1260 Peak 1	6.63	6.56	6.70
PCB-1260 Peak 2	6.98	6.91	7.05
PCB-1260 Peak 3	7.68	7.62	7.76
PCB-1260 Peak 4	7.88	7.82	7.96
PCB-1260 Peak 5	8.00	7.94	8.08
PCB-1260 Peak 6	8.58	8.52	8.66
PCB-1260 Peak 7	9.58	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28
DCB Decachlorobiphenyl	10.72	10.63	10.83

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151607/3 Calibration Date: 03/18/2013 13:59

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200696.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	122.3	128.0		1050	1000	4.6	15.0
PCB-1016 Peak 2	Ave	212.1	212.0		999	1000	-0.0	15.0
PCB-1016 Peak 3	Ave	147.3	157.9		1070	1000	7.2	15.0
PCB-1016 Peak 4	Ave	443.4	504.3		1140	1000	13.7	15.0
PCB-1016 Peak 5	Ave	170.5	177.0		1040	1000	3.8	15.0
PCB-1016 Peak 6	Ave		208.4		0.0760	1000		15.0
PCB-1016 Peak 7	Ave	178.6	185.0		1040	1000	3.6	15.0
PCB-1016 Peak 8	Ave	80.15	82.00		1020	1000	2.3	15.0
PCB-1260 Peak 1	Ave	260.2	267.4		1030	1000	2.7	15.0
PCB-1260 Peak 2	Ave	461.3	473.3		1030	1000	2.6	15.0
PCB-1260 Peak 3	Ave	435.5	453.9		1040	1000	4.2	15.0
PCB-1260 Peak 4	Ave	207.3	215.2		1040	1000	3.8	15.0
PCB-1260 Peak 5	Ave	231.3	242.7		1050	1000	4.9	15.0
PCB-1260 Peak 6	Ave	277.7	269.6		971	1000	-2.9	15.0
PCB-1260 Peak 7	Ave	152.2	170.2		1120	1000	11.9	15.0
PCB-1260 Peak 8	Ave	141.0	161.6		1150	1000	14.6	15.0
DCB Decachlorobiphenyl	Ave	5228	5310		102	100	1.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151607/3 Calibration Date: 03/18/2013 13:59

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200696.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.10	2.03	2.17
PCB-1016 Peak 2	2.41	2.34	2.48
PCB-1016 Peak 3	2.59	2.52	2.66
PCB-1016 Peak 4	2.85	2.77	2.91
PCB-1016 Peak 5	2.98	2.91	3.05
PCB-1016 Peak 6	3.19	3.12	3.26
PCB-1016 Peak 7	3.41	3.33	3.47
PCB-1016 Peak 8	3.50	3.43	3.57
PCB-1260 Peak 1	4.79	4.72	4.86
PCB-1260 Peak 2	5.13	5.06	5.20
PCB-1260 Peak 3	5.47	5.40	5.54
PCB-1260 Peak 4	5.61	5.54	5.68
PCB-1260 Peak 5	5.91	5.85	5.99
PCB-1260 Peak 6	6.76	6.70	6.84
PCB-1260 Peak 7	6.90	6.84	6.98
PCB-1260 Peak 8	7.99	7.93	8.07
DCB Decachlorobiphenyl	9.00	8.91	9.11

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151607/23 Calibration Date: 03/18/2013 19:39

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200716.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	123.0	122.5		996	1000	-0.4	15.0
PCB-1016 Peak 2	Ave	267.1	254.2		952	1000	-4.8	15.0
PCB-1016 Peak 3	Ave	118.2	121.0		1020	1000	2.4	15.0
PCB-1016 Peak 4	Ave	485.5	477.4		983	1000	-1.7	15.0
PCB-1016 Peak 5	Ave	209.2	213.7		1020	1000	2.2	15.0
PCB-1016 Peak 6	Ave	131.2	131.1		999	1000	-0.0	15.0
PCB-1016 Peak 7	Ave	144.0	149.6		1040	1000	3.9	15.0
PCB-1016 Peak 8	Ave	163.9	177.0		1080	1000	8.0	15.0
PCB-1260 Peak 1	Ave	334.2	327.1		979	1000	-2.1	15.0
PCB-1260 Peak 2	Ave	380.1	371.9		979	1000	-2.1	15.0
PCB-1260 Peak 3	Ave	548.8	538.3		981	1000	-1.9	15.0
PCB-1260 Peak 4	Ave	261.4	256.2		980	1000	-2.0	15.0
PCB-1260 Peak 5	Ave	151.5	156.6		1030	1000	3.4	15.0
PCB-1260 Peak 6	Ave	304.9	293.5		963	1000	-3.7	15.0
PCB-1260 Peak 7	Ave	376.5	332.1		882	1000	-11.8	15.0
PCB-1260 Peak 8	Ave	126.3	115.9		918	1000	-8.2	15.0
DCB Decachlorobiphenyl	Ave	3678	3571		97.1	100	-2.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151607/23 Calibration Date: 03/18/2013 19:39

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200716.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.12	3.05	3.19
PCB-1016 Peak 2	3.60	3.53	3.67
PCB-1016 Peak 3	3.89	3.82	3.96
PCB-1016 Peak 4	4.14	4.08	4.22
PCB-1016 Peak 5	4.32	4.25	4.39
PCB-1016 Peak 6	4.62	4.55	4.69
PCB-1016 Peak 7	4.91	4.84	4.98
PCB-1016 Peak 8	5.07	5.00	5.14
PCB-1260 Peak 1	6.63	6.56	6.70
PCB-1260 Peak 2	6.98	6.91	7.05
PCB-1260 Peak 3	7.68	7.62	7.76
PCB-1260 Peak 4	7.88	7.82	7.96
PCB-1260 Peak 5	8.00	7.94	8.08
PCB-1260 Peak 6	8.58	8.52	8.66
PCB-1260 Peak 7	9.58	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28
DCB Decachlorobiphenyl	10.73	10.63	10.83

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151607/23 Calibration Date: 03/18/2013 19:39

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200716.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	122.3	133.4		1090	1000	9.1	15.0
PCB-1016 Peak 2	Ave	212.1	214.7		1010	1000	1.2	15.0
PCB-1016 Peak 3	Ave	147.3	164.5		1120	1000	11.7	15.0
PCB-1016 Peak 4	Ave	443.4	499.6		1130	1000	12.7	15.0
PCB-1016 Peak 5	Ave	170.5	177.3		1040	1000	4.0	15.0
PCB-1016 Peak 6	Ave		330.9		0.0760	1000		15.0
PCB-1016 Peak 7	Ave	178.6	184.5		1030	1000	3.3	15.0
PCB-1016 Peak 8	Ave	80.15	180.4		2250	1000	125.1*	15.0
PCB-1260 Peak 1	Ave	260.2	261.4		1000	1000	0.4	15.0
PCB-1260 Peak 2	Ave	461.3	459.5		996	1000	-0.4	15.0
PCB-1260 Peak 3	Ave	435.5	437.0		1000	1000	0.4	15.0
PCB-1260 Peak 4	Ave	207.3	206.2		994	1000	-0.6	15.0
PCB-1260 Peak 5	Ave	231.3	343.3		1480	1000	48.4*	15.0
PCB-1260 Peak 6	Ave	277.7	371.7		1340	1000	33.9*	15.0
PCB-1260 Peak 7	Ave	152.2	166.1		1090	1000	9.2	15.0
PCB-1260 Peak 8	Ave	141.0	153.2		1090	1000	8.7	15.0
DCB Decachlorobiphenyl	Ave	5228	5138		98.3	100	-1.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151607/23 Calibration Date: 03/18/2013 19:39

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200716.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.10	2.03	2.17
PCB-1016 Peak 2	2.41	2.34	2.48
PCB-1016 Peak 3	2.59	2.52	2.66
PCB-1016 Peak 4	2.84	2.77	2.91
PCB-1016 Peak 5	2.98	2.91	3.05
PCB-1016 Peak 6	3.18	3.12	3.26
PCB-1016 Peak 7	3.40	3.33	3.47
PCB-1016 Peak 8	3.50	3.43	3.57
PCB-1260 Peak 1	4.79	4.72	4.86
PCB-1260 Peak 2	5.13	5.06	5.20
PCB-1260 Peak 3	5.47	5.40	5.54
PCB-1260 Peak 4	5.61	5.54	5.68
PCB-1260 Peak 5	5.91	5.85	5.99
PCB-1260 Peak 6	6.76	6.70	6.84
PCB-1260 Peak 7	6.90	6.84	6.98
PCB-1260 Peak 8	7.99	7.93	8.07
DCB Decachlorobiphenyl	9.00	8.91	9.11

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-152113/3 Calibration Date: 03/21/2013 07:31

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200909.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	123.0	135.9		1100	1000	10.5	15.0
PCB-1016 Peak 2	Ave	267.1	283.0		1060	1000	5.9	15.0
PCB-1016 Peak 3	Ave	118.2	133.5		1130	1000	12.9	15.0
PCB-1016 Peak 4	Ave	485.5	530.2		1090	1000	9.2	15.0
PCB-1016 Peak 5	Ave	209.2	234.8		1120	1000	12.2	15.0
PCB-1016 Peak 6	Ave	131.2	144.4		1100	1000	10.1	15.0
PCB-1016 Peak 7	Ave	144.0	159.3		1110	1000	10.7	15.0
PCB-1016 Peak 8	Ave	163.9	183.3		1120	1000	11.8	15.0
PCB-1260 Peak 1	Ave	334.2	356.5		1070	1000	6.7	15.0
PCB-1260 Peak 2	Ave	380.1	400.2		1050	1000	5.3	15.0
PCB-1260 Peak 3	Ave	548.8	586.7		1070	1000	6.9	15.0
PCB-1260 Peak 4	Ave	261.4	277.5		1060	1000	6.2	15.0
PCB-1260 Peak 5	Ave	151.5	165.7		1090	1000	9.4	15.0
PCB-1260 Peak 6	Ave	304.9	321.3		1050	1000	5.4	15.0
PCB-1260 Peak 7	Ave	376.5	374.9		996	1000	-0.4	15.0
PCB-1260 Peak 8	Ave	126.3	112.3		889	1000	-11.1	15.0
DCB Decachlorobiphenyl	Ave	3678	3506		95.3	100	-4.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-152113/3 Calibration Date: 03/21/2013 07:31

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200909.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.12	3.05	3.19
PCB-1016 Peak 2	3.60	3.53	3.67
PCB-1016 Peak 3	3.89	3.82	3.96
PCB-1016 Peak 4	4.15	4.08	4.22
PCB-1016 Peak 5	4.32	4.25	4.39
PCB-1016 Peak 6	4.62	4.55	4.69
PCB-1016 Peak 7	4.91	4.84	4.98
PCB-1016 Peak 8	5.07	5.00	5.14
PCB-1260 Peak 1	6.63	6.56	6.70
PCB-1260 Peak 2	6.98	6.91	7.05
PCB-1260 Peak 3	7.68	7.62	7.76
PCB-1260 Peak 4	7.88	7.82	7.96
PCB-1260 Peak 5	8.00	7.94	8.08
PCB-1260 Peak 6	8.58	8.52	8.66
PCB-1260 Peak 7	9.58	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28
DCB Decachlorobiphenyl	10.73	10.63	10.83

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-152113/3 Calibration Date: 03/21/2013 07:31

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200909.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	122.3	136.5		1120	1000	11.7	15.0
PCB-1016 Peak 2	Ave	212.1	223.9		1060	1000	5.6	15.0
PCB-1016 Peak 3	Ave	147.3	168.1		1140	1000	14.2	15.0
PCB-1016 Peak 4	Ave	443.4	490.0		1110	1000	10.5	15.0
PCB-1016 Peak 5	Ave	170.5	191.1		1120	1000	12.1	15.0
PCB-1016 Peak 6	Ave		216.1		0.0760	1000		15.0
PCB-1016 Peak 7	Ave	178.6	194.6		1090	1000	9.0	15.0
PCB-1016 Peak 8	Ave	80.15	91.60		1140	1000	14.3	15.0
PCB-1260 Peak 1	Ave	260.2	280.7		1080	1000	7.9	15.0
PCB-1260 Peak 2	Ave	461.3	496.0		1080	1000	7.5	15.0
PCB-1260 Peak 3	Ave	435.5	473.5		1090	1000	8.7	15.0
PCB-1260 Peak 4	Ave	207.3	225.3		1090	1000	8.7	15.0
PCB-1260 Peak 5	Ave	231.3	242.9		1050	1000	5.0	15.0
PCB-1260 Peak 6	Ave	277.7	299.2		1080	1000	7.7	15.0
PCB-1260 Peak 7	Ave	152.2	172.0		1130	1000	13.0	15.0
PCB-1260 Peak 8	Ave	141.0	159.3		1130	1000	13.0	15.0
DCB Decachlorobiphenyl	Ave	5228	5477		105	100	4.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-152113/3 Calibration Date: 03/21/2013 07:31

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200909.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.10	2.03	2.17
PCB-1016 Peak 2	2.41	2.34	2.48
PCB-1016 Peak 3	2.59	2.52	2.66
PCB-1016 Peak 4	2.85	2.77	2.91
PCB-1016 Peak 5	2.98	2.91	3.05
PCB-1016 Peak 6	3.19	3.12	3.26
PCB-1016 Peak 7	3.41	3.33	3.47
PCB-1016 Peak 8	3.50	3.43	3.57
PCB-1260 Peak 1	4.79	4.72	4.86
PCB-1260 Peak 2	5.13	5.06	5.20
PCB-1260 Peak 3	5.47	5.40	5.54
PCB-1260 Peak 4	5.61	5.54	5.68
PCB-1260 Peak 5	5.91	5.85	5.99
PCB-1260 Peak 6	6.76	6.70	6.84
PCB-1260 Peak 7	6.90	6.84	6.98
PCB-1260 Peak 8	7.99	7.93	8.07
DCB Decachlorobiphenyl	9.00	8.91	9.11

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152113/22 Calibration Date: 03/21/2013 13:02

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200928.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	123.0	132.6		1080	1000	7.8	15.0
PCB-1016 Peak 2	Ave	267.1	275.6		1030	1000	3.2	15.0
PCB-1016 Peak 3	Ave	118.2	128.0		1080	1000	8.3	15.0
PCB-1016 Peak 4	Ave	485.5	525.8		1080	1000	8.3	15.0
PCB-1016 Peak 5	Ave	209.2	231.8		1110	1000	10.8	15.0
PCB-1016 Peak 6	Ave	131.2	144.8		1100	1000	10.3	15.0
PCB-1016 Peak 7	Ave	144.0	165.5		1150	1000	15.0	15.0
PCB-1016 Peak 8	Ave	163.9	179.6		1100	1000	9.6	15.0
PCB-1260 Peak 1	Ave	334.2	360.0		1080	1000	7.7	15.0
PCB-1260 Peak 2	Ave	380.1	407.3		1070	1000	7.2	15.0
PCB-1260 Peak 3	Ave	548.8	606.1		1100	1000	10.4	15.0
PCB-1260 Peak 4	Ave	261.4	285.2		1090	1000	9.1	15.0
PCB-1260 Peak 5	Ave	151.5	171.8		1130	1000	13.4	15.0
PCB-1260 Peak 6	Ave	304.9	334.6		1100	1000	9.7	15.0
PCB-1260 Peak 7	Ave	376.5	415.3		1100	1000	10.3	15.0
PCB-1260 Peak 8	Ave	126.3	126.4		1000	1000	0.1	15.0
DCB Decachlorobiphenyl	Ave	3678	3681		100	100	0.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152113/22 Calibration Date: 03/21/2013 13:02

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: of200928.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.12	3.05	3.19
PCB-1016 Peak 2	3.60	3.53	3.67
PCB-1016 Peak 3	3.89	3.82	3.96
PCB-1016 Peak 4	4.14	4.08	4.22
PCB-1016 Peak 5	4.32	4.25	4.39
PCB-1016 Peak 6	4.62	4.55	4.69
PCB-1016 Peak 7	4.91	4.84	4.98
PCB-1016 Peak 8	5.07	5.00	5.14
PCB-1260 Peak 1	6.63	6.56	6.70
PCB-1260 Peak 2	6.98	6.91	7.05
PCB-1260 Peak 3	7.67	7.62	7.76
PCB-1260 Peak 4	7.87	7.82	7.96
PCB-1260 Peak 5	8.00	7.94	8.08
PCB-1260 Peak 6	8.58	8.52	8.66
PCB-1260 Peak 7	9.58	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28
DCB Decachlorobiphenyl	10.73	10.63	10.83

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152113/22 Calibration Date: 03/21/2013 13:02

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200928.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	122.3	138.7		1130	1000	13.4	15.0
PCB-1016 Peak 2	Ave	212.1	226.1		1070	1000	6.6	15.0
PCB-1016 Peak 3	Ave	147.3	168.2		1140	1000	14.2	15.0
PCB-1016 Peak 4	Ave	443.4	491.4		1110	1000	10.8	15.0
PCB-1016 Peak 5	Ave	170.5	192.2		1130	1000	12.7	15.0
PCB-1016 Peak 6	Ave		272.9		0.0760	1000		15.0
PCB-1016 Peak 7	Ave	178.6	196.9		1100	1000	10.3	15.0
PCB-1016 Peak 8	Ave	80.15	90.85		1130	1000	13.4	15.0
PCB-1260 Peak 1	Ave	260.2	285.4		1100	1000	9.6	15.0
PCB-1260 Peak 2	Ave	461.3	504.2		1090	1000	9.3	15.0
PCB-1260 Peak 3	Ave	435.5	466.7		1070	1000	7.2	15.0
PCB-1260 Peak 4	Ave	207.3	216.1		1040	1000	4.2	15.0
PCB-1260 Peak 5	Ave	231.3	241.3		1040	1000	4.3	15.0
PCB-1260 Peak 6	Ave	277.7	267.8		964	1000	-3.6	15.0
PCB-1260 Peak 7	Ave	152.2	180.4		1190	1000	18.6*	15.0
PCB-1260 Peak 8	Ave	141.0	161.2		1140	1000	14.4	15.0
DCB Decachlorobiphenyl	Ave	5228	5706		109	100	9.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152113/22 Calibration Date: 03/21/2013 13:02

Instrument ID: PESTGC7 Calib Start Date: 03/08/2013 15:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2013 16:54

Lab File ID: or200928.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.10	2.03	2.17
PCB-1016 Peak 2	2.41	2.34	2.48
PCB-1016 Peak 3	2.59	2.52	2.66
PCB-1016 Peak 4	2.84	2.77	2.91
PCB-1016 Peak 5	2.98	2.91	3.05
PCB-1016 Peak 6	3.17	3.12	3.26
PCB-1016 Peak 7	3.41	3.33	3.47
PCB-1016 Peak 8	3.50	3.43	3.57
PCB-1260 Peak 1	4.79	4.72	4.86
PCB-1260 Peak 2	5.13	5.06	5.20
PCB-1260 Peak 3	5.47	5.40	5.54
PCB-1260 Peak 4	5.61	5.54	5.68
PCB-1260 Peak 5	5.91	5.85	5.99
PCB-1260 Peak 6	6.76	6.70	6.84
PCB-1260 Peak 7	6.90	6.84	6.98
PCB-1260 Peak 8	7.99	7.93	8.07
DCB Decachlorobiphenyl	9.00	8.91	9.11

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151726/2 Calibration Date: 03/18/2013 21:18

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093639.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15391	17226		1120	1000	11.9	15.0
PCB-1016 Peak 2	Ave	32579	34223		1050	1000	5.0	15.0
PCB-1016 Peak 3	Ave	13996	14761		1050	1000	5.5	15.0
PCB-1016 Peak 4	Ave	26703	27550		1030	1000	3.2	15.0
PCB-1016 Peak 5	Ave	20311	21430		1060	1000	5.5	15.0
PCB-1016 Peak 6	Ave	16148	17368		1080	1000	7.6	15.0
PCB-1016 Peak 7	Ave	18594	20101		1080	1000	8.1	15.0
PCB-1016 Peak 8	Ave	18759	19705		1050	1000	5.0	15.0
PCB-1260 Peak 1	Ave	42247	43445		1030	1000	2.8	15.0
PCB-1260 Peak 2	Ave	55295	57073		1030	1000	3.2	15.0
PCB-1260 Peak 3	Ave	70628	74523		1060	1000	5.5	15.0
PCB-1260 Peak 4	Ave	36860	38997		1060	1000	5.8	15.0
PCB-1260 Peak 5	Ave	19717	21315		1080	1000	8.1	15.0
PCB-1260 Peak 6	Ave	29286	31094		1060	1000	6.2	15.0
PCB-1260 Peak 7	Ave	31937	60918		1910	1000	90.7*	15.0
PCB-1260 Peak 8	Ave	13309	15078		1130	1000	13.3	15.0
DCB Decachlorobiphenyl	Ave	493148	498076		101	100	1.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151726/2 Calibration Date: 03/18/2013 21:18

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093639.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.96	2.90	3.04
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.04	4.18
PCB-1016 Peak 4	4.75	4.68	4.82
PCB-1016 Peak 5	4.93	4.86	5.00
PCB-1016 Peak 6	5.18	5.12	5.26
PCB-1016 Peak 7	5.57	5.51	5.65
PCB-1016 Peak 8	5.79	5.72	5.86
PCB-1260 Peak 1	7.81	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.15	9.09	9.23
PCB-1260 Peak 4	9.39	9.33	9.47
PCB-1260 Peak 5	9.51	9.45	9.59
PCB-1260 Peak 6	9.96	9.89	10.03
PCB-1260 Peak 7	10.66	10.59	10.73
PCB-1260 Peak 8	11.15	11.08	11.22
DCB Decachlorobiphenyl	11.60	11.50	11.70

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151726/2 Calibration Date: 03/18/2013 21:18

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093639.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27386	27872		1020	1000	1.8	15.0
PCB-1016 Peak 2	Ave	45442	46186		1020	1000	1.6	15.0
PCB-1016 Peak 3	Ave	30560	31363		1030	1000	2.6	15.0
PCB-1016 Peak 4	Ave	91683	92378		1010	1000	0.8	15.0
PCB-1016 Peak 5	Ave	40456	41408		1020	1000	2.4	15.0
PCB-1016 Peak 6	Ave	43784	47709		1090	1000	9.0	15.0
PCB-1016 Peak 7	Ave	39899	41243		1030	1000	3.4	15.0
PCB-1016 Peak 8	Ave	21765	23184		1070	1000	6.5	15.0
PCB-1260 Peak 1	Ave	53789	53747		999	1000	-0.0	15.0
PCB-1260 Peak 2	Ave	96300	97537		1010	1000	1.3	15.0
PCB-1260 Peak 3	Ave	91275	93845		1030	1000	2.8	15.0
PCB-1260 Peak 4	Ave	46632	49026		1050	1000	5.1	15.0
PCB-1260 Peak 5	Ave	48516	50402		1040	1000	3.9	15.0
PCB-1260 Peak 6	Ave	61881	63573		1030	1000	2.7	15.0
PCB-1260 Peak 7	Ave	34664	35449		1020	1000	2.3	15.0
PCB-1260 Peak 8	Ave	30382	29283		964	1000	-3.6	15.0
DCB Decachlorobiphenyl	Ave	754611	775468		103	100	2.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151726/2 Calibration Date: 03/18/2013 21:18

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093639.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.97	1.90	2.04
PCB-1016 Peak 2	2.40	2.33	2.47
PCB-1016 Peak 3	2.64	2.58	2.72
PCB-1016 Peak 4	2.99	2.92	3.06
PCB-1016 Peak 5	3.17	3.11	3.25
PCB-1016 Peak 6	3.49	3.42	3.56
PCB-1016 Peak 7	3.85	3.79	3.93
PCB-1016 Peak 8	4.00	3.94	4.08
PCB-1260 Peak 1	5.88	5.82	5.96
PCB-1260 Peak 2	6.33	6.27	6.41
PCB-1260 Peak 3	6.77	6.70	6.84
PCB-1260 Peak 4	6.96	6.90	7.04
PCB-1260 Peak 5	7.38	7.32	7.46
PCB-1260 Peak 6	8.61	8.55	8.69
PCB-1260 Peak 7	8.83	8.76	8.90
PCB-1260 Peak 8	9.98	9.91	10.05
DCB Decachlorobiphenyl	10.52	10.42	10.62

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151726/28 Calibration Date: 03/19/2013 04:39

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093665.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15391	17122		1110	1000	11.2	15.0
PCB-1016 Peak 2	Ave	32579	34149		1050	1000	4.8	15.0
PCB-1016 Peak 3	Ave	13996	14177		1010	1000	1.3	15.0
PCB-1016 Peak 4	Ave	26703	27874		1040	1000	4.4	15.0
PCB-1016 Peak 5	Ave	20311	21619		1060	1000	6.4	15.0
PCB-1016 Peak 6	Ave	16148	16644		1030	1000	3.1	15.0
PCB-1016 Peak 7	Ave	18594	19010		1020	1000	2.2	15.0
PCB-1016 Peak 8	Ave	18759	19919		1060	1000	6.2	15.0
PCB-1260 Peak 1	Ave	42247	43963		1040	1000	4.1	15.0
PCB-1260 Peak 2	Ave	55295	57676		1040	1000	4.3	15.0
PCB-1260 Peak 3	Ave	70628	76091		1080	1000	7.7	15.0
PCB-1260 Peak 4	Ave	36860	39664		1080	1000	7.6	15.0
PCB-1260 Peak 5	Ave	19717	21693		1100	1000	10.0	15.0
PCB-1260 Peak 6	Ave	29286	32025		1090	1000	9.4	15.0
PCB-1260 Peak 7	Ave	31937	40800		1280	1000	27.8*	15.0
PCB-1260 Peak 8	Ave	13309	14589		1100	1000	9.6	15.0
DCB Decachlorobiphenyl	Ave	493148	484449		98.2	100	-1.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151726/28 Calibration Date: 03/19/2013 04:39

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093665.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.04	4.18
PCB-1016 Peak 4	4.75	4.68	4.82
PCB-1016 Peak 5	4.93	4.86	5.00
PCB-1016 Peak 6	5.19	5.12	5.26
PCB-1016 Peak 7	5.58	5.51	5.65
PCB-1016 Peak 8	5.79	5.72	5.86
PCB-1260 Peak 1	7.82	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.16	9.09	9.23
PCB-1260 Peak 4	9.39	9.33	9.47
PCB-1260 Peak 5	9.51	9.45	9.59
PCB-1260 Peak 6	9.96	9.89	10.03
PCB-1260 Peak 7	10.66	10.59	10.73
PCB-1260 Peak 8	11.15	11.08	11.22
DCB Decachlorobiphenyl	11.60	11.50	11.70

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151726/28 Calibration Date: 03/19/2013 04:39

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093665.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27386	28454		1040	1000	3.9	15.0
PCB-1016 Peak 2	Ave	45442	46804		1030	1000	3.0	15.0
PCB-1016 Peak 3	Ave	30560	32037		1050	1000	4.8	15.0
PCB-1016 Peak 4	Ave	91683	93437		1020	1000	1.9	15.0
PCB-1016 Peak 5	Ave	40456	42097		1040	1000	4.1	15.0
PCB-1016 Peak 6	Ave	43784	45421		1040	1000	3.7	15.0
PCB-1016 Peak 7	Ave	39899	41599		1040	1000	4.3	15.0
PCB-1016 Peak 8	Ave	21765	25385		1170	1000	16.6*	15.0
PCB-1260 Peak 1	Ave	53789	54185		1010	1000	0.7	15.0
PCB-1260 Peak 2	Ave	96300	97827		1020	1000	1.6	15.0
PCB-1260 Peak 3	Ave	91275	93964		1030	1000	2.9	15.0
PCB-1260 Peak 4	Ave	46632	49604		1060	1000	6.4	15.0
PCB-1260 Peak 5	Ave	48516	50102		1030	1000	3.3	15.0
PCB-1260 Peak 6	Ave	61881	63538		1030	1000	2.7	15.0
PCB-1260 Peak 7	Ave	34664	35066		1010	1000	1.2	15.0
PCB-1260 Peak 8	Ave	30382	29414		968	1000	-3.2	15.0
DCB Decachlorobiphenyl	Ave	754611	752199		99.7	100	-0.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151726/28 Calibration Date: 03/19/2013 04:39

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093665.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.97	1.90	2.04
PCB-1016 Peak 2	2.40	2.33	2.47
PCB-1016 Peak 3	2.64	2.58	2.72
PCB-1016 Peak 4	2.99	2.92	3.06
PCB-1016 Peak 5	3.17	3.11	3.25
PCB-1016 Peak 6	3.49	3.42	3.56
PCB-1016 Peak 7	3.85	3.79	3.93
PCB-1016 Peak 8	4.00	3.94	4.08
PCB-1260 Peak 1	5.88	5.82	5.96
PCB-1260 Peak 2	6.33	6.27	6.41
PCB-1260 Peak 3	6.77	6.70	6.84
PCB-1260 Peak 4	6.96	6.90	7.04
PCB-1260 Peak 5	7.38	7.32	7.46
PCB-1260 Peak 6	8.61	8.55	8.69
PCB-1260 Peak 7	8.83	8.76	8.90
PCB-1260 Peak 8	9.98	9.91	10.05
DCB Decachlorobiphenyl	10.52	10.42	10.62

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151716/3 Calibration Date: 03/19/2013 07:52

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093670.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15391	17018		1110	1000	10.6	15.0
PCB-1016 Peak 2	Ave	32579	33713		1030	1000	3.5	15.0
PCB-1016 Peak 3	Ave	13996	14585		1040	1000	4.2	15.0
PCB-1016 Peak 4	Ave	26703	27483		1030	1000	2.9	15.0
PCB-1016 Peak 5	Ave	20311	21121		1040	1000	4.0	15.0
PCB-1016 Peak 6	Ave	16148	16235		1010	1000	0.5	15.0
PCB-1016 Peak 7	Ave	18594	18859		1010	1000	1.4	15.0
PCB-1016 Peak 8	Ave	18759	19516		1040	1000	4.0	15.0
PCB-1260 Peak 1	Ave	42247	43175		1020	1000	2.2	15.0
PCB-1260 Peak 2	Ave	55295	56855		1030	1000	2.8	15.0
PCB-1260 Peak 3	Ave	70628	75970		1080	1000	7.6	15.0
PCB-1260 Peak 4	Ave	36860	39122		1060	1000	6.1	15.0
PCB-1260 Peak 5	Ave	19717	21224		1080	1000	7.6	15.0
PCB-1260 Peak 6	Ave	29286	31334		1070	1000	7.0	15.0
PCB-1260 Peak 7	Ave	31937	36576		1150	1000	14.5	15.0
PCB-1260 Peak 8	Ave	13309	14197		1070	1000	6.7	15.0
DCB Decachlorobiphenyl	Ave	493148	476037		96.5	100	-3.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151716/3 Calibration Date: 03/19/2013 07:52

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093670.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.96	2.90	3.04
PCB-1016 Peak 2	3.65	3.60	3.74
PCB-1016 Peak 3	4.10	4.04	4.18
PCB-1016 Peak 4	4.74	4.68	4.82
PCB-1016 Peak 5	4.92	4.86	5.00
PCB-1016 Peak 6	5.18	5.12	5.26
PCB-1016 Peak 7	5.57	5.51	5.65
PCB-1016 Peak 8	5.78	5.72	5.86
PCB-1260 Peak 1	7.81	7.75	7.89
PCB-1260 Peak 2	8.26	8.21	8.35
PCB-1260 Peak 3	9.15	9.09	9.23
PCB-1260 Peak 4	9.38	9.33	9.47
PCB-1260 Peak 5	9.50	9.45	9.59
PCB-1260 Peak 6	9.95	9.89	10.03
PCB-1260 Peak 7	10.66	10.59	10.73
PCB-1260 Peak 8	11.15	11.08	11.22
DCB Decachlorobiphenyl	11.60	11.50	11.70

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151716/3 Calibration Date: 03/19/2013 07:52

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093670.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27386	28209		1030	1000	3.0	15.0
PCB-1016 Peak 2	Ave	45442	46635		1030	1000	2.6	15.0
PCB-1016 Peak 3	Ave	30560	31961		1050	1000	4.6	15.0
PCB-1016 Peak 4	Ave	91683	92420		1010	1000	0.8	15.0
PCB-1016 Peak 5	Ave	40456	41895		1040	1000	3.6	15.0
PCB-1016 Peak 6	Ave	43784	44915		1030	1000	2.6	15.0
PCB-1016 Peak 7	Ave	39899	41198		1030	1000	3.3	15.0
PCB-1016 Peak 8	Ave	21765	22028		1010	1000	1.2	15.0
PCB-1260 Peak 1	Ave	53789	54454		1010	1000	1.2	15.0
PCB-1260 Peak 2	Ave	96300	97793		1020	1000	1.6	15.0
PCB-1260 Peak 3	Ave	91275	93582		1030	1000	2.5	15.0
PCB-1260 Peak 4	Ave	46632	48628		1040	1000	4.3	15.0
PCB-1260 Peak 5	Ave	48516	49847		1030	1000	2.7	15.0
PCB-1260 Peak 6	Ave	61881	63666		1030	1000	2.9	15.0
PCB-1260 Peak 7	Ave	34664	34956		1010	1000	0.8	15.0
PCB-1260 Peak 8	Ave	30382	29231		962	1000	-3.8	15.0
DCB Decachlorobiphenyl	Ave	754611	752062		99.7	100	-0.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151716/3 Calibration Date: 03/19/2013 07:52

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093670.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.97	1.90	2.04
PCB-1016 Peak 2	2.40	2.33	2.47
PCB-1016 Peak 3	2.64	2.58	2.72
PCB-1016 Peak 4	2.99	2.92	3.06
PCB-1016 Peak 5	3.17	3.11	3.25
PCB-1016 Peak 6	3.49	3.42	3.56
PCB-1016 Peak 7	3.85	3.79	3.93
PCB-1016 Peak 8	4.00	3.94	4.08
PCB-1260 Peak 1	5.88	5.82	5.96
PCB-1260 Peak 2	6.33	6.27	6.41
PCB-1260 Peak 3	6.76	6.70	6.84
PCB-1260 Peak 4	6.96	6.90	7.04
PCB-1260 Peak 5	7.38	7.32	7.46
PCB-1260 Peak 6	8.61	8.55	8.69
PCB-1260 Peak 7	8.82	8.76	8.90
PCB-1260 Peak 8	9.97	9.91	10.05
DCB Decachlorobiphenyl	10.51	10.42	10.62

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151716/11 Calibration Date: 03/19/2013 10:20

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093678.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15391	17045		1110	1000	10.7	15.0
PCB-1016 Peak 2	Ave	32579	33575		1030	1000	3.1	15.0
PCB-1016 Peak 3	Ave	13996	14210		1020	1000	1.5	15.0
PCB-1016 Peak 4	Ave	26703	27412		1030	1000	2.7	15.0
PCB-1016 Peak 5	Ave	20311	21280		1050	1000	4.8	15.0
PCB-1016 Peak 6	Ave	16148	16527		1020	1000	2.3	15.0
PCB-1016 Peak 7	Ave	18594	18775		1010	1000	1.0	15.0
PCB-1016 Peak 8	Ave	18759	19850		1060	1000	5.8	15.0
PCB-1260 Peak 1	Ave	42247	44144		1040	1000	4.5	15.0
PCB-1260 Peak 2	Ave	55295	57773		1040	1000	4.5	15.0
PCB-1260 Peak 3	Ave	70628	76447		1080	1000	8.2	15.0
PCB-1260 Peak 4	Ave	36860	39812		1080	1000	8.0	15.0
PCB-1260 Peak 5	Ave	19717	21869		1110	1000	10.9	15.0
PCB-1260 Peak 6	Ave	29286	32151		1100	1000	9.8	15.0
PCB-1260 Peak 7	Ave	31937	37144		1160	1000	16.3*	15.0
PCB-1260 Peak 8	Ave	13309	14696		1100	1000	10.4	15.0
DCB Decachlorobiphenyl	Ave	493148	484356		98.2	100	-1.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151716/11 Calibration Date: 03/19/2013 10:20

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093678.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.04	4.18
PCB-1016 Peak 4	4.75	4.68	4.82
PCB-1016 Peak 5	4.93	4.86	5.00
PCB-1016 Peak 6	5.19	5.12	5.26
PCB-1016 Peak 7	5.58	5.51	5.65
PCB-1016 Peak 8	5.79	5.72	5.86
PCB-1260 Peak 1	7.82	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.16	9.09	9.23
PCB-1260 Peak 4	9.39	9.33	9.47
PCB-1260 Peak 5	9.51	9.45	9.59
PCB-1260 Peak 6	9.96	9.89	10.03
PCB-1260 Peak 7	10.66	10.59	10.73
PCB-1260 Peak 8	11.15	11.08	11.22
DCB Decachlorobiphenyl	11.60	11.50	11.70

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151722/2 Calibration Date: 03/19/2013 10:20

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093678.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15391	17045		1110	1000	10.7	15.0
PCB-1016 Peak 2	Ave	32579	33575		1030	1000	3.1	15.0
PCB-1016 Peak 3	Ave	13996	14210		1020	1000	1.5	15.0
PCB-1016 Peak 4	Ave	26703	27412		1030	1000	2.7	15.0
PCB-1016 Peak 5	Ave	20311	21280		1050	1000	4.8	15.0
PCB-1016 Peak 6	Ave	16148	16527		1020	1000	2.3	15.0
PCB-1016 Peak 7	Ave	18594	18775		1010	1000	1.0	15.0
PCB-1016 Peak 8	Ave	18759	19850		1060	1000	5.8	15.0
PCB-1260 Peak 1	Ave	42247	44144		1040	1000	4.5	15.0
PCB-1260 Peak 2	Ave	55295	57773		1040	1000	4.5	15.0
PCB-1260 Peak 3	Ave	70628	76447		1080	1000	8.2	15.0
PCB-1260 Peak 4	Ave	36860	39812		1080	1000	8.0	15.0
PCB-1260 Peak 5	Ave	19717	21869		1110	1000	10.9	15.0
PCB-1260 Peak 6	Ave	29286	32151		1100	1000	9.8	15.0
PCB-1260 Peak 7	Ave	31937	37144		1160	1000	16.3*	15.0
PCB-1260 Peak 8	Ave	13309	14696		1100	1000	10.4	15.0
DCB Decachlorobiphenyl	Ave	493148	484356		98.2	100	-1.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151722/2 Calibration Date: 03/19/2013 10:20

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093678.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.04	4.18
PCB-1016 Peak 4	4.75	4.68	4.82
PCB-1016 Peak 5	4.93	4.86	5.00
PCB-1016 Peak 6	5.19	5.12	5.26
PCB-1016 Peak 7	5.58	5.51	5.65
PCB-1016 Peak 8	5.79	5.72	5.86
PCB-1260 Peak 1	7.82	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.16	9.09	9.23
PCB-1260 Peak 4	9.39	9.33	9.47
PCB-1260 Peak 5	9.51	9.45	9.59
PCB-1260 Peak 6	9.96	9.89	10.03
PCB-1260 Peak 7	10.66	10.59	10.73
PCB-1260 Peak 8	11.15	11.08	11.22
DCB Decachlorobiphenyl	11.60	11.50	11.70

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151716/11 Calibration Date: 03/19/2013 10:20

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093678.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27386	28328		1030	1000	3.4	15.0
PCB-1016 Peak 2	Ave	45442	46471		1020	1000	2.3	15.0
PCB-1016 Peak 3	Ave	30560	31344		1030	1000	2.6	15.0
PCB-1016 Peak 4	Ave	91683	92365		1010	1000	0.7	15.0
PCB-1016 Peak 5	Ave	40456	41578		1030	1000	2.8	15.0
PCB-1016 Peak 6	Ave	43784	43943		1000	1000	0.4	15.0
PCB-1016 Peak 7	Ave	39899	41399		1040	1000	3.8	15.0
PCB-1016 Peak 8	Ave	21765	22867		1050	1000	5.1	15.0
PCB-1260 Peak 1	Ave	53789	53896		1000	1000	0.2	15.0
PCB-1260 Peak 2	Ave	96300	97608		1010	1000	1.4	15.0
PCB-1260 Peak 3	Ave	91275	93921		1030	1000	2.9	15.0
PCB-1260 Peak 4	Ave	46632	49825		1070	1000	6.8	15.0
PCB-1260 Peak 5	Ave	48516	50080		1030	1000	3.2	15.0
PCB-1260 Peak 6	Ave	61881	63762		1030	1000	3.0	15.0
PCB-1260 Peak 7	Ave	34664	35208		1020	1000	1.6	15.0
PCB-1260 Peak 8	Ave	30382	29563		973	1000	-2.7	15.0
DCB Decachlorobiphenyl	Ave	754611	756011		100	100	0.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151716/11 Calibration Date: 03/19/2013 10:20

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093678.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.96	1.90	2.04
PCB-1016 Peak 2	2.40	2.33	2.47
PCB-1016 Peak 3	2.64	2.58	2.72
PCB-1016 Peak 4	2.99	2.92	3.06
PCB-1016 Peak 5	3.17	3.11	3.25
PCB-1016 Peak 6	3.49	3.42	3.56
PCB-1016 Peak 7	3.85	3.79	3.93
PCB-1016 Peak 8	4.00	3.94	4.08
PCB-1260 Peak 1	5.88	5.82	5.96
PCB-1260 Peak 2	6.33	6.27	6.41
PCB-1260 Peak 3	6.77	6.70	6.84
PCB-1260 Peak 4	6.96	6.90	7.04
PCB-1260 Peak 5	7.38	7.32	7.46
PCB-1260 Peak 6	8.61	8.55	8.69
PCB-1260 Peak 7	8.82	8.76	8.90
PCB-1260 Peak 8	9.98	9.91	10.05
DCB Decachlorobiphenyl	10.52	10.42	10.62

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151722/2 Calibration Date: 03/19/2013 10:20

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093678.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27386	28328		1030	1000	3.4	15.0
PCB-1016 Peak 2	Ave	45442	46471		1020	1000	2.3	15.0
PCB-1016 Peak 3	Ave	30560	31344		1030	1000	2.6	15.0
PCB-1016 Peak 4	Ave	91683	92365		1010	1000	0.7	15.0
PCB-1016 Peak 5	Ave	40456	41578		1030	1000	2.8	15.0
PCB-1016 Peak 6	Ave	43784	43943		1000	1000	0.4	15.0
PCB-1016 Peak 7	Ave	39899	41399		1040	1000	3.8	15.0
PCB-1016 Peak 8	Ave	21765	22867		1050	1000	5.1	15.0
PCB-1260 Peak 1	Ave	53789	53896		1000	1000	0.2	15.0
PCB-1260 Peak 2	Ave	96300	97608		1010	1000	1.4	15.0
PCB-1260 Peak 3	Ave	91275	93921		1030	1000	2.9	15.0
PCB-1260 Peak 4	Ave	46632	49825		1070	1000	6.8	15.0
PCB-1260 Peak 5	Ave	48516	50080		1030	1000	3.2	15.0
PCB-1260 Peak 6	Ave	61881	63762		1030	1000	3.0	15.0
PCB-1260 Peak 7	Ave	34664	35208		1020	1000	1.6	15.0
PCB-1260 Peak 8	Ave	30382	29563		973	1000	-2.7	15.0
DCB Decachlorobiphenyl	Ave	754611	756011		100	100	0.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151722/2 Calibration Date: 03/19/2013 10:20

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093678.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.96	1.90	2.04
PCB-1016 Peak 2	2.40	2.33	2.47
PCB-1016 Peak 3	2.64	2.58	2.72
PCB-1016 Peak 4	2.99	2.92	3.06
PCB-1016 Peak 5	3.17	3.11	3.25
PCB-1016 Peak 6	3.49	3.42	3.56
PCB-1016 Peak 7	3.85	3.79	3.93
PCB-1016 Peak 8	4.00	3.94	4.08
PCB-1260 Peak 1	5.88	5.82	5.96
PCB-1260 Peak 2	6.33	6.27	6.41
PCB-1260 Peak 3	6.77	6.70	6.84
PCB-1260 Peak 4	6.96	6.90	7.04
PCB-1260 Peak 5	7.38	7.32	7.46
PCB-1260 Peak 6	8.61	8.55	8.69
PCB-1260 Peak 7	8.82	8.76	8.90
PCB-1260 Peak 8	9.98	9.91	10.05
DCB Decachlorobiphenyl	10.52	10.42	10.62

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151722/14 Calibration Date: 03/19/2013 13:54

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093690.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15391	17299		1120	1000	12.4	15.0
PCB-1016 Peak 2	Ave	32579	34169		1050	1000	4.9	15.0
PCB-1016 Peak 3	Ave	13996	14380		1030	1000	2.7	15.0
PCB-1016 Peak 4	Ave	26703	28031		1050	1000	5.0	15.0
PCB-1016 Peak 5	Ave	20311	21738		1070	1000	7.0	15.0
PCB-1016 Peak 6	Ave	16148	29965		1860	1000	85.6*	15.0
PCB-1016 Peak 7	Ave	18594	29178		1570	1000	56.9*	15.0
PCB-1016 Peak 8	Ave	18759	19471		1040	1000	3.8	15.0
PCB-1260 Peak 1	Ave	42247	44444		1050	1000	5.2	15.0
PCB-1260 Peak 2	Ave	55295	58275		1050	1000	5.4	15.0
PCB-1260 Peak 3	Ave	70628	76860		1090	1000	8.8	15.0
PCB-1260 Peak 4	Ave	36860	40084		1090	1000	8.7	15.0
PCB-1260 Peak 5	Ave	19717	22077		1120	1000	12.0	15.0
PCB-1260 Peak 6	Ave	29286	32511		1110	1000	11.0	15.0
PCB-1260 Peak 7	Ave	31937	60830		1900	1000	90.5*	15.0
PCB-1260 Peak 8	Ave	13309	14855		1120	1000	11.6	15.0
DCB Decachlorobiphenyl	Ave	493148	489541		99.3	100	-0.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151722/14 Calibration Date: 03/19/2013 13:54

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qf093690.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.96	2.90	3.04
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.04	4.18
PCB-1016 Peak 4	4.75	4.68	4.82
PCB-1016 Peak 5	4.93	4.86	5.00
PCB-1016 Peak 6	5.18	5.12	5.26
PCB-1016 Peak 7	5.58	5.51	5.65
PCB-1016 Peak 8	5.79	5.72	5.86
PCB-1260 Peak 1	7.82	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.16	9.09	9.23
PCB-1260 Peak 4	9.39	9.33	9.47
PCB-1260 Peak 5	9.51	9.45	9.59
PCB-1260 Peak 6	9.96	9.89	10.03
PCB-1260 Peak 7	10.66	10.59	10.73
PCB-1260 Peak 8	11.15	11.08	11.22
DCB Decachlorobiphenyl	11.60	11.50	11.70

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151722/14 Calibration Date: 03/19/2013 13:54

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093690.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27386	28698		1050	1000	4.8	15.0
PCB-1016 Peak 2	Ave	45442	47216		1040	1000	3.9	15.0
PCB-1016 Peak 3	Ave	30560	31828		1040	1000	4.1	15.0
PCB-1016 Peak 4	Ave	91683	98720		1080	1000	7.7	15.0
PCB-1016 Peak 5	Ave	40456	41175		1020	1000	1.8	15.0
PCB-1016 Peak 6	Ave	43784	58033		1330	1000	32.5*	15.0
PCB-1016 Peak 7	Ave	39899	41946		1050	1000	5.1	15.0
PCB-1016 Peak 8	Ave	21765	36843		1690	1000	69.3*	15.0
PCB-1260 Peak 1	Ave	53789	53247		990	1000	-1.0	15.0
PCB-1260 Peak 2	Ave	96300	95279		989	1000	-1.1	15.0
PCB-1260 Peak 3	Ave	91275	89906		985	1000	-1.5	15.0
PCB-1260 Peak 4	Ave	46632	45795		982	1000	-1.8	15.0
PCB-1260 Peak 5	Ave	48516	46154		951	1000	-4.9	15.0
PCB-1260 Peak 6	Ave	61881	63947		1030	1000	3.3	15.0
PCB-1260 Peak 7	Ave	34664	35130		1010	1000	1.3	15.0
PCB-1260 Peak 8	Ave	30382	31982		1050	1000	5.3	15.0
DCB Decachlorobiphenyl	Ave	754611	768319		102	100	1.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151722/14 Calibration Date: 03/19/2013 13:54

Instrument ID: PESTGC8 Calib Start Date: 03/18/2013 17:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/18/2013 18:37

Lab File ID: qr093690.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.96	1.90	2.04
PCB-1016 Peak 2	2.39	2.33	2.47
PCB-1016 Peak 3	2.64	2.58	2.72
PCB-1016 Peak 4	2.98	2.92	3.06
PCB-1016 Peak 5	3.17	3.11	3.25
PCB-1016 Peak 6	3.48	3.42	3.56
PCB-1016 Peak 7	3.85	3.79	3.93
PCB-1016 Peak 8	3.99	3.94	4.08
PCB-1260 Peak 1	5.88	5.82	5.96
PCB-1260 Peak 2	6.33	6.27	6.41
PCB-1260 Peak 3	6.77	6.70	6.84
PCB-1260 Peak 4	6.96	6.90	7.04
PCB-1260 Peak 5	7.38	7.32	7.46
PCB-1260 Peak 6	8.61	8.55	8.69
PCB-1260 Peak 7	8.82	8.76	8.90
PCB-1260 Peak 8	9.98	9.91	10.05
DCB Decachlorobiphenyl	10.52	10.42	10.62

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151625/3 Calibration Date: 03/18/2013 13:58

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf483952.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	12388	12191		984	1000	-1.6	15.0
PCB-1016 Peak 2	Ave	24346	21816		896	1000	-10.4	15.0
PCB-1016 Peak 3	Ave	10488	10000		953	1000	-4.7	15.0
PCB-1016 Peak 4	Ave	43190	39207		908	1000	-9.2	15.0
PCB-1016 Peak 5	Ave	19609	19061		972	1000	-2.8	15.0
PCB-1016 Peak 6	Ave	11666	11109		952	1000	-4.8	15.0
PCB-1016 Peak 7	Ave	13566	12723		938	1000	-6.2	15.0
PCB-1016 Peak 8	Ave	15123	15201		1010	1000	0.5	15.0
PCB-1260 Peak 1	Ave	28997	27302		942	1000	-5.8	15.0
PCB-1260 Peak 2	Ave	33490	31471		940	1000	-6.0	15.0
PCB-1260 Peak 3	Ave	45211	42088		931	1000	-6.9	15.0
PCB-1260 Peak 4	Ave	19901	19395		975	1000	-2.5	15.0
PCB-1260 Peak 5	Ave	11684	12200		1040	1000	4.4	15.0
PCB-1260 Peak 6	Ave	20223	19615		970	1000	-3.0	15.0
PCB-1260 Peak 7	Ave	25156	23618		939	1000	-6.1	15.0
PCB-1260 Peak 8	Ave	9556	9861		1030	1000	3.2	15.0
DCB Decachlorobiphenyl	Ave	321235	295293		91.9	100	-8.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151625/3 Calibration Date: 03/18/2013 13:58

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf483952.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	3.00	3.14
PCB-1016 Peak 2	3.79	3.74	3.88
PCB-1016 Peak 3	4.25	4.19	4.33
PCB-1016 Peak 4	4.64	4.58	4.72
PCB-1016 Peak 5	4.89	4.83	4.97
PCB-1016 Peak 6	5.33	5.27	5.41
PCB-1016 Peak 7	5.72	5.66	5.80
PCB-1016 Peak 8	5.94	5.87	6.01
PCB-1260 Peak 1	8.02	7.95	8.09
PCB-1260 Peak 2	8.49	8.43	8.57
PCB-1260 Peak 3	9.40	9.34	9.48
PCB-1260 Peak 4	9.60	9.53	9.67
PCB-1260 Peak 5	9.70	9.64	9.78
PCB-1260 Peak 6	10.11	10.04	10.18
PCB-1260 Peak 7	10.75	10.68	10.82
PCB-1260 Peak 8	11.22	11.15	11.29
DCB Decachlorobiphenyl	11.65	11.55	11.75

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151625/3 Calibration Date: 03/18/2013 13:58

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr483952.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16627	15612		939	1000	-6.1	15.0
PCB-1016 Peak 2	Ave	28181	26562		943	1000	-5.7	15.0
PCB-1016 Peak 3	Ave	20021	19573		978	1000	-2.2	15.0
PCB-1016 Peak 4	Ave	62115	55008		886	1000	-11.4	15.0
PCB-1016 Peak 5	Ave	21863	20570		941	1000	-5.9	15.0
PCB-1016 Peak 6	Ave	23419	19166		818	1000	-18.2*	15.0
PCB-1016 Peak 7	Ave	21766	19947		916	1000	-8.4	15.0
PCB-1016 Peak 8	Ave	10623	12076		1140	1000	13.7	15.0
PCB-1260 Peak 1	Ave	35968	32985		917	1000	-8.3	15.0
PCB-1260 Peak 2	Ave	69050	63387		918	1000	-8.2	15.0
PCB-1260 Peak 3	Ave	62440	56481		905	1000	-9.5	15.0
PCB-1260 Peak 4	Ave	34207	32430		948	1000	-5.2	15.0
PCB-1260 Peak 5	Ave	29183	26212		898	1000	-10.2	15.0
PCB-1260 Peak 6	Ave	34872	27564		790	1000	-21.0*	15.0
PCB-1260 Peak 7	Ave	24446	26393		1080	1000	8.0	15.0
PCB-1260 Peak 8	Ave	17436	17659		1010	1000	1.3	15.0
DCB Decachlorobiphenyl	Ave	533997	523646		98.1	100	-1.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151625/3 Calibration Date: 03/18/2013 13:58

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr483952.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.08	2.02	2.16
PCB-1016 Peak 2	2.52	2.46	2.60
PCB-1016 Peak 3	2.77	2.71	2.85
PCB-1016 Peak 4	3.12	3.07	3.21
PCB-1016 Peak 5	3.33	3.27	3.41
PCB-1016 Peak 6	3.68	3.62	3.76
PCB-1016 Peak 7	4.04	3.98	4.12
PCB-1016 Peak 8	4.20	4.13	4.27
PCB-1260 Peak 1	6.08	6.02	6.16
PCB-1260 Peak 2	6.53	6.47	6.61
PCB-1260 Peak 3	6.98	6.92	7.06
PCB-1260 Peak 4	7.18	7.12	7.26
PCB-1260 Peak 5	7.62	7.56	7.70
PCB-1260 Peak 6	8.92	8.86	9.00
PCB-1260 Peak 7	9.15	9.09	9.23
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.64	10.54	10.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151625/28 Calibration Date: 03/18/2013 21:09

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf483978.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	12388	12521		1010	1000	1.1	15.0
PCB-1016 Peak 2	Ave	24346	23993		986	1000	-1.4	15.0
PCB-1016 Peak 3	Ave	10488	11216		1070	1000	6.9	15.0
PCB-1016 Peak 4	Ave	43190	43115		998	1000	-0.2	15.0
PCB-1016 Peak 5	Ave	19609	21212		1080	1000	8.2	15.0
PCB-1016 Peak 6	Ave	11666	12388		1060	1000	6.2	15.0
PCB-1016 Peak 7	Ave	13566	14081		1040	1000	3.8	15.0
PCB-1016 Peak 8	Ave	15123	17082		1130	1000	13.0	15.0
PCB-1260 Peak 1	Ave	28997	30495		1050	1000	5.2	15.0
PCB-1260 Peak 2	Ave	33490	35237		1050	1000	5.2	15.0
PCB-1260 Peak 3	Ave	45211	46700		1030	1000	3.3	15.0
PCB-1260 Peak 4	Ave	19901	21850		1100	1000	9.8	15.0
PCB-1260 Peak 5	Ave	11684	14242		1220	1000	21.9*	15.0
PCB-1260 Peak 6	Ave	20223	21826		1080	1000	7.9	15.0
PCB-1260 Peak 7	Ave	25156	24476		973	1000	-2.7	15.0
PCB-1260 Peak 8	Ave	9556	10649		1110	1000	11.4	15.0
DCB Decachlorobiphenyl	Ave	321235	325657		101	100	1.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151625/28 Calibration Date: 03/18/2013 21:09

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf483978.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	3.00	3.14
PCB-1016 Peak 2	3.80	3.74	3.88
PCB-1016 Peak 3	4.25	4.19	4.33
PCB-1016 Peak 4	4.64	4.58	4.72
PCB-1016 Peak 5	4.89	4.83	4.97
PCB-1016 Peak 6	5.33	5.27	5.41
PCB-1016 Peak 7	5.72	5.66	5.80
PCB-1016 Peak 8	5.93	5.87	6.01
PCB-1260 Peak 1	8.02	7.95	8.09
PCB-1260 Peak 2	8.49	8.43	8.57
PCB-1260 Peak 3	9.40	9.34	9.48
PCB-1260 Peak 4	9.60	9.53	9.67
PCB-1260 Peak 5	9.70	9.64	9.78
PCB-1260 Peak 6	10.11	10.04	10.18
PCB-1260 Peak 7	10.75	10.68	10.82
PCB-1260 Peak 8	11.21	11.15	11.29
DCB Decachlorobiphenyl	11.64	11.55	11.75

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151625/28 Calibration Date: 03/18/2013 21:09

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr483978.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16627	16545		995	1000	-0.5	15.0
PCB-1016 Peak 2	Ave	28181	28950		1030	1000	2.7	15.0
PCB-1016 Peak 3	Ave	20021	21095		1050	1000	5.4	15.0
PCB-1016 Peak 4	Ave	62115	60087		967	1000	-3.3	15.0
PCB-1016 Peak 5	Ave	21863	22590		1030	1000	3.3	15.0
PCB-1016 Peak 6	Ave	23419	22922		979	1000	-2.1	15.0
PCB-1016 Peak 7	Ave	21766	21889		1010	1000	0.6	15.0
PCB-1016 Peak 8	Ave	10623	10305		970	1000	-3.0	15.0
PCB-1260 Peak 1	Ave	35968	35992		1000	1000	0.0	15.0
PCB-1260 Peak 2	Ave	69050	68992		999	1000	-0.0	15.0
PCB-1260 Peak 3	Ave	62440	61575		986	1000	-1.4	15.0
PCB-1260 Peak 4	Ave	34207	35811		1050	1000	4.7	15.0
PCB-1260 Peak 5	Ave	29183	28616		981	1000	-1.9	15.0
PCB-1260 Peak 6	Ave	34872	29515		846	1000	-15.4*	15.0
PCB-1260 Peak 7	Ave	24446	30103		1230	1000	23.1*	15.0
PCB-1260 Peak 8	Ave	17436	20116		1150	1000	15.4*	15.0
DCB Decachlorobiphenyl	Ave	533997	586481		110	100	9.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151625/28 Calibration Date: 03/18/2013 21:09

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr483978.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.08	2.02	2.16
PCB-1016 Peak 2	2.52	2.46	2.60
PCB-1016 Peak 3	2.77	2.71	2.85
PCB-1016 Peak 4	3.13	3.07	3.21
PCB-1016 Peak 5	3.33	3.27	3.41
PCB-1016 Peak 6	3.68	3.62	3.76
PCB-1016 Peak 7	4.04	3.98	4.12
PCB-1016 Peak 8	4.19	4.13	4.27
PCB-1260 Peak 1	6.08	6.02	6.16
PCB-1260 Peak 2	6.53	6.47	6.61
PCB-1260 Peak 3	6.98	6.92	7.06
PCB-1260 Peak 4	7.18	7.12	7.26
PCB-1260 Peak 5	7.62	7.56	7.70
PCB-1260 Peak 6	8.93	8.86	9.00
PCB-1260 Peak 7	9.14	9.09	9.23
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.64	10.54	10.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151867/17 Calibration Date: 03/19/2013 14:25

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf484038.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	12388	12304		993	1000	-0.7	15.0
PCB-1016 Peak 2	Ave	24346	23693		973	1000	-2.7	15.0
PCB-1016 Peak 3	Ave	10488	11158		1060	1000	6.4	15.0
PCB-1016 Peak 4	Ave	43190	42174		976	1000	-2.4	15.0
PCB-1016 Peak 5	Ave	19609	21025		1070	1000	7.2	15.0
PCB-1016 Peak 6	Ave	11666	12087		1040	1000	3.6	15.0
PCB-1016 Peak 7	Ave	13566	13717		1010	1000	1.1	15.0
PCB-1016 Peak 8	Ave	15123	16947		1120	1000	12.1	15.0
PCB-1260 Peak 1	Ave	28997	29742		1030	1000	2.6	15.0
PCB-1260 Peak 2	Ave	33490	34344		1030	1000	2.6	15.0
PCB-1260 Peak 3	Ave	45211	45256		1000	1000	0.1	15.0
PCB-1260 Peak 4	Ave	19901	21290		1070	1000	7.0	15.0
PCB-1260 Peak 5	Ave	11684	13895		1190	1000	18.9*	15.0
PCB-1260 Peak 6	Ave	20223	20953		1040	1000	3.6	15.0
PCB-1260 Peak 7	Ave	25156	23079		917	1000	-8.3	15.0
PCB-1260 Peak 8	Ave	9556	10386		1090	1000	8.7	15.0
DCB Decachlorobiphenyl	Ave	321235	317944		99.0	100	-1.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151867/17 Calibration Date: 03/19/2013 14:25

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf484038.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	3.00	3.14
PCB-1016 Peak 2	3.80	3.74	3.88
PCB-1016 Peak 3	4.25	4.19	4.33
PCB-1016 Peak 4	4.64	4.58	4.72
PCB-1016 Peak 5	4.89	4.83	4.97
PCB-1016 Peak 6	5.33	5.27	5.41
PCB-1016 Peak 7	5.72	5.66	5.80
PCB-1016 Peak 8	5.94	5.87	6.01
PCB-1260 Peak 1	8.02	7.95	8.09
PCB-1260 Peak 2	8.50	8.43	8.57
PCB-1260 Peak 3	9.40	9.34	9.48
PCB-1260 Peak 4	9.60	9.53	9.67
PCB-1260 Peak 5	9.70	9.64	9.78
PCB-1260 Peak 6	10.11	10.04	10.18
PCB-1260 Peak 7	10.75	10.68	10.82
PCB-1260 Peak 8	11.22	11.15	11.29
DCB Decachlorobiphenyl	11.65	11.55	11.75

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151867/17 Calibration Date: 03/19/2013 14:25

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr484038.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16627	16690		1000	1000	0.4	15.0
PCB-1016 Peak 2	Ave	28181	28681		1020	1000	1.8	15.0
PCB-1016 Peak 3	Ave	20021	20932		1050	1000	4.6	15.0
PCB-1016 Peak 4	Ave	62115	58996		950	1000	-5.0	15.0
PCB-1016 Peak 5	Ave	21863	21938		1000	1000	0.3	15.0
PCB-1016 Peak 6	Ave	23419	23084		986	1000	-1.4	15.0
PCB-1016 Peak 7	Ave	21766	21482		987	1000	-1.3	15.0
PCB-1016 Peak 8	Ave	10623	10135		954	1000	-4.6	15.0
PCB-1260 Peak 1	Ave	35968	36004		1000	1000	0.1	15.0
PCB-1260 Peak 2	Ave	69050	68259		989	1000	-1.1	15.0
PCB-1260 Peak 3	Ave	62440	60840		974	1000	-2.6	15.0
PCB-1260 Peak 4	Ave	34207	35682		1040	1000	4.3	15.0
PCB-1260 Peak 5	Ave	29183	27731		950	1000	-5.0	15.0
PCB-1260 Peak 6	Ave	34872	28718		824	1000	-17.6*	15.0
PCB-1260 Peak 7	Ave	24446	30971		1270	1000	26.7*	15.0
PCB-1260 Peak 8	Ave	17436	18700		1070	1000	7.3	15.0
DCB Decachlorobiphenyl	Ave	533997	556862		104	100	4.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151867/17 Calibration Date: 03/19/2013 14:25

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr484038.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.08	2.02	2.16
PCB-1016 Peak 2	2.52	2.46	2.60
PCB-1016 Peak 3	2.77	2.71	2.85
PCB-1016 Peak 4	3.12	3.07	3.21
PCB-1016 Peak 5	3.33	3.27	3.41
PCB-1016 Peak 6	3.68	3.62	3.76
PCB-1016 Peak 7	4.04	3.98	4.12
PCB-1016 Peak 8	4.19	4.13	4.27
PCB-1260 Peak 1	6.08	6.02	6.16
PCB-1260 Peak 2	6.53	6.47	6.61
PCB-1260 Peak 3	6.98	6.92	7.06
PCB-1260 Peak 4	7.18	7.12	7.26
PCB-1260 Peak 5	7.62	7.56	7.70
PCB-1260 Peak 6	8.92	8.86	9.00
PCB-1260 Peak 7	9.14	9.09	9.23
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.64	10.54	10.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151721/2 Calibration Date: 03/19/2013 16:28

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf484005.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	12388	12934		1040	1000	4.4	15.0
PCB-1016 Peak 2	Ave	24346	24462		1000	1000	0.5	15.0
PCB-1016 Peak 3	Ave	10488	10901		1040	1000	3.9	15.0
PCB-1016 Peak 4	Ave	43190	43612		1010	1000	1.0	15.0
PCB-1016 Peak 5	Ave	19609	21402		1090	1000	9.1	15.0
PCB-1016 Peak 6	Ave	11666	12577		1080	1000	7.8	15.0
PCB-1016 Peak 7	Ave	13566	14253		1050	1000	5.1	15.0
PCB-1016 Peak 8	Ave	15123	17219		1140	1000	13.9	15.0
PCB-1260 Peak 1	Ave	28997	30918		1070	1000	6.6	15.0
PCB-1260 Peak 2	Ave	33490	35617		1060	1000	6.4	15.0
PCB-1260 Peak 3	Ave	45211	47585		1050	1000	5.3	15.0
PCB-1260 Peak 4	Ave	19901	22097		1110	1000	11.0	15.0
PCB-1260 Peak 5	Ave	11684	14062		1200	1000	20.4*	15.0
PCB-1260 Peak 6	Ave	20223	21979		1090	1000	8.7	15.0
PCB-1260 Peak 7	Ave	25156	26038		1040	1000	3.5	15.0
PCB-1260 Peak 8	Ave	9556	10554		1100	1000	10.4	15.0
DCB Decachlorobiphenyl	Ave	321235	332914		104	100	3.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151721/2 Calibration Date: 03/19/2013 16:28

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf484005.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	3.00	3.14
PCB-1016 Peak 2	3.79	3.74	3.88
PCB-1016 Peak 3	4.25	4.19	4.33
PCB-1016 Peak 4	4.64	4.58	4.72
PCB-1016 Peak 5	4.89	4.83	4.97
PCB-1016 Peak 6	5.33	5.27	5.41
PCB-1016 Peak 7	5.72	5.66	5.80
PCB-1016 Peak 8	5.93	5.87	6.01
PCB-1260 Peak 1	8.02	7.95	8.09
PCB-1260 Peak 2	8.50	8.43	8.57
PCB-1260 Peak 3	9.40	9.34	9.48
PCB-1260 Peak 4	9.60	9.53	9.67
PCB-1260 Peak 5	9.70	9.64	9.78
PCB-1260 Peak 6	10.11	10.04	10.18
PCB-1260 Peak 7	10.75	10.68	10.82
PCB-1260 Peak 8	11.22	11.15	11.29
DCB Decachlorobiphenyl	11.65	11.55	11.75

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151721/2 Calibration Date: 03/19/2013 16:28

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr484005.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16627	17209		1040	1000	3.5	15.0
PCB-1016 Peak 2	Ave	28181	29999		1060	1000	6.5	15.0
PCB-1016 Peak 3	Ave	20021	21815		1090	1000	9.0	15.0
PCB-1016 Peak 4	Ave	62115	61402		989	1000	-1.1	15.0
PCB-1016 Peak 5	Ave	21863	23025		1050	1000	5.3	15.0
PCB-1016 Peak 6	Ave	23419	24854		1060	1000	6.1	15.0
PCB-1016 Peak 7	Ave	21766	22449		1030	1000	3.1	15.0
PCB-1016 Peak 8	Ave	10623	10505		989	1000	-1.1	15.0
PCB-1260 Peak 1	Ave	35968	36081		1000	1000	0.3	15.0
PCB-1260 Peak 2	Ave	69050	68991		999	1000	-0.0	15.0
PCB-1260 Peak 3	Ave	62440	61275		981	1000	-1.9	15.0
PCB-1260 Peak 4	Ave	34207	35268		1030	1000	3.1	15.0
PCB-1260 Peak 5	Ave	29183	27208		932	1000	-6.8	15.0
PCB-1260 Peak 6	Ave	34872	30922		887	1000	-11.3	15.0
PCB-1260 Peak 7	Ave	24446	31275		1280	1000	27.9*	15.0
PCB-1260 Peak 8	Ave	17436	19526		1120	1000	12.0	15.0
DCB Decachlorobiphenyl	Ave	533997	584108		109	100	9.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151721/2 Calibration Date: 03/19/2013 16:28

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr484005.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.08	2.02	2.16
PCB-1016 Peak 2	2.52	2.46	2.60
PCB-1016 Peak 3	2.77	2.71	2.85
PCB-1016 Peak 4	3.12	3.07	3.21
PCB-1016 Peak 5	3.32	3.27	3.41
PCB-1016 Peak 6	3.68	3.62	3.76
PCB-1016 Peak 7	4.04	3.98	4.12
PCB-1016 Peak 8	4.19	4.13	4.27
PCB-1260 Peak 1	6.08	6.02	6.16
PCB-1260 Peak 2	6.53	6.47	6.61
PCB-1260 Peak 3	6.98	6.92	7.06
PCB-1260 Peak 4	7.18	7.12	7.26
PCB-1260 Peak 5	7.62	7.56	7.70
PCB-1260 Peak 6	8.92	8.86	9.00
PCB-1260 Peak 7	9.14	9.09	9.23
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.64	10.54	10.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151721/18 Calibration Date: 03/19/2013 20:46

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf484021.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	12388	13227		1070	1000	6.8	15.0
PCB-1016 Peak 2	Ave	24346	25815		1060	1000	6.0	15.0
PCB-1016 Peak 3	Ave	10488	11469		1090	1000	9.4	15.0
PCB-1016 Peak 4	Ave	43190	44769		1040	1000	3.7	15.0
PCB-1016 Peak 5	Ave	19609	21521		1100	1000	9.8	15.0
PCB-1016 Peak 6	Ave	11666	12677		1090	1000	8.7	15.0
PCB-1016 Peak 7	Ave	13566	13812		1020	1000	1.8	15.0
PCB-1016 Peak 8	Ave	15123	16271		1080	1000	7.6	15.0
PCB-1260 Peak 1	Ave	28997	30418		1050	1000	4.9	15.0
PCB-1260 Peak 2	Ave	33490	34723		1040	1000	3.7	15.0
PCB-1260 Peak 3	Ave	45211	47951		1060	1000	6.1	15.0
PCB-1260 Peak 4	Ave	19901	22449		1130	1000	12.8	15.0
PCB-1260 Peak 5	Ave	11684	14089		1210	1000	20.6*	15.0
PCB-1260 Peak 6	Ave	20223	22701		1120	1000	12.3	15.0
PCB-1260 Peak 7	Ave	25156	24701		982	1000	-1.8	15.0
PCB-1260 Peak 8	Ave	9556	11243		1180	1000	17.6*	15.0
DCB Decachlorobiphenyl	Ave	321235	351581		109	100	9.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151721/18 Calibration Date: 03/19/2013 20:46

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf484021.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	3.00	3.14
PCB-1016 Peak 2	3.80	3.74	3.88
PCB-1016 Peak 3	4.25	4.19	4.33
PCB-1016 Peak 4	4.64	4.58	4.72
PCB-1016 Peak 5	4.89	4.83	4.97
PCB-1016 Peak 6	5.33	5.27	5.41
PCB-1016 Peak 7	5.72	5.66	5.80
PCB-1016 Peak 8	5.94	5.87	6.01
PCB-1260 Peak 1	8.02	7.95	8.09
PCB-1260 Peak 2	8.49	8.43	8.57
PCB-1260 Peak 3	9.40	9.34	9.48
PCB-1260 Peak 4	9.60	9.53	9.67
PCB-1260 Peak 5	9.70	9.64	9.78
PCB-1260 Peak 6	10.11	10.04	10.18
PCB-1260 Peak 7	10.75	10.68	10.82
PCB-1260 Peak 8	11.22	11.15	11.29
DCB Decachlorobiphenyl	11.65	11.55	11.75

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151721/18 Calibration Date: 03/19/2013 20:46

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr484021.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16627	18238		1100	1000	9.7	15.0
PCB-1016 Peak 2	Ave	28181	31636		1120	1000	12.3	15.0
PCB-1016 Peak 3	Ave	20021	22718		1130	1000	13.5	15.0
PCB-1016 Peak 4	Ave	62115	64614		1040	1000	4.0	15.0
PCB-1016 Peak 5	Ave	21863	24170		1110	1000	10.6	15.0
PCB-1016 Peak 6	Ave	23419	25239		1080	1000	7.8	15.0
PCB-1016 Peak 7	Ave	21766	23722		1090	1000	9.0	15.0
PCB-1016 Peak 8	Ave	10623	11712		1100	1000	10.3	15.0
PCB-1260 Peak 1	Ave	35968	39696		1100	1000	10.4	15.0
PCB-1260 Peak 2	Ave	69050	75468		1090	1000	9.3	15.0
PCB-1260 Peak 3	Ave	62440	67328		1080	1000	7.8	15.0
PCB-1260 Peak 4	Ave	34207	38914		1140	1000	13.8	15.0
PCB-1260 Peak 5	Ave	29183	30089		1030	1000	3.1	15.0
PCB-1260 Peak 6	Ave	34872	31977		917	1000	-8.3	15.0
PCB-1260 Peak 7	Ave	24446	34484		1410	1000	41.1*	15.0
PCB-1260 Peak 8	Ave	17436	21270		1220	1000	22.0*	15.0
DCB Decachlorobiphenyl	Ave	533997	612525		115	100	14.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151721/18 Calibration Date: 03/19/2013 20:46

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr484021.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.08	2.02	2.16
PCB-1016 Peak 2	2.52	2.46	2.60
PCB-1016 Peak 3	2.77	2.71	2.85
PCB-1016 Peak 4	3.13	3.07	3.21
PCB-1016 Peak 5	3.33	3.27	3.41
PCB-1016 Peak 6	3.68	3.62	3.76
PCB-1016 Peak 7	4.04	3.98	4.12
PCB-1016 Peak 8	4.19	4.13	4.27
PCB-1260 Peak 1	6.08	6.02	6.16
PCB-1260 Peak 2	6.53	6.47	6.61
PCB-1260 Peak 3	6.98	6.92	7.06
PCB-1260 Peak 4	7.18	7.12	7.26
PCB-1260 Peak 5	7.62	7.56	7.70
PCB-1260 Peak 6	8.93	8.86	9.00
PCB-1260 Peak 7	9.14	9.09	9.23
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.64	10.54	10.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151867/3 Calibration Date: 03/19/2013 22:19

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf484024.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	12388	12775		1030	1000	3.1	15.0
PCB-1016 Peak 2	Ave	24346	24568		1010	1000	0.9	15.0
PCB-1016 Peak 3	Ave	10488	11975		1140	1000	14.2	15.0
PCB-1016 Peak 4	Ave	43190	43737		1010	1000	1.3	15.0
PCB-1016 Peak 5	Ave	19609	21066		1070	1000	7.4	15.0
PCB-1016 Peak 6	Ave	11666	12367		1060	1000	6.0	15.0
PCB-1016 Peak 7	Ave	13566	13825		1020	1000	1.9	15.0
PCB-1016 Peak 8	Ave	15123	16444		1090	1000	8.7	15.0
PCB-1260 Peak 1	Ave	28997	30107		1040	1000	3.8	15.0
PCB-1260 Peak 2	Ave	33490	33596		1000	1000	0.3	15.0
PCB-1260 Peak 3	Ave	45211	47287		1050	1000	4.6	15.0
PCB-1260 Peak 4	Ave	19901	21521		1080	1000	8.1	15.0
PCB-1260 Peak 5	Ave	11684	13100		1120	1000	12.1	15.0
PCB-1260 Peak 6	Ave	20223	22164		1100	1000	9.6	15.0
PCB-1260 Peak 7	Ave	25156	24823		987	1000	-1.3	15.0
PCB-1260 Peak 8	Ave	9556	10759		1130	1000	12.6	15.0
DCB Decachlorobiphenyl	Ave	321235	333208		104	100	3.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151867/3 Calibration Date: 03/19/2013 22:19

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vf484024.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	3.00	3.14
PCB-1016 Peak 2	3.79	3.74	3.88
PCB-1016 Peak 3	4.25	4.19	4.33
PCB-1016 Peak 4	4.64	4.58	4.72
PCB-1016 Peak 5	4.89	4.83	4.97
PCB-1016 Peak 6	5.33	5.27	5.41
PCB-1016 Peak 7	5.72	5.66	5.80
PCB-1016 Peak 8	5.93	5.87	6.01
PCB-1260 Peak 1	8.02	7.95	8.09
PCB-1260 Peak 2	8.50	8.43	8.57
PCB-1260 Peak 3	9.40	9.34	9.48
PCB-1260 Peak 4	9.60	9.53	9.67
PCB-1260 Peak 5	9.70	9.64	9.78
PCB-1260 Peak 6	10.11	10.04	10.18
PCB-1260 Peak 7	10.75	10.68	10.82
PCB-1260 Peak 8	11.22	11.15	11.29
DCB Decachlorobiphenyl	11.65	11.55	11.75

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151867/3 Calibration Date: 03/19/2013 22:19

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr484024.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16627	19293		1160	1000	16.0*	15.0
PCB-1016 Peak 2	Ave	28181	29799		1060	1000	5.7	15.0
PCB-1016 Peak 3	Ave	20021	20854		1040	1000	4.2	15.0
PCB-1016 Peak 4	Ave	62115	61036		983	1000	-1.7	15.0
PCB-1016 Peak 5	Ave	21863	22784		1040	1000	4.2	15.0
PCB-1016 Peak 6	Ave	23419	24797		1060	1000	5.9	15.0
PCB-1016 Peak 7	Ave	21766	22139		1020	1000	1.7	15.0
PCB-1016 Peak 8	Ave	10623	9355		881	1000	-11.9	15.0
PCB-1260 Peak 1	Ave	35968	38869		1080	1000	8.1	15.0
PCB-1260 Peak 2	Ave	69050	74061		1070	1000	7.3	15.0
PCB-1260 Peak 3	Ave	62440	66556		1070	1000	6.6	15.0
PCB-1260 Peak 4	Ave	34207	34812		1020	1000	1.8	15.0
PCB-1260 Peak 5	Ave	29183	30374		1040	1000	4.1	15.0
PCB-1260 Peak 6	Ave	34872	33191		952	1000	-4.8	15.0
PCB-1260 Peak 7	Ave	24446	29953		1230	1000	22.5*	15.0
PCB-1260 Peak 8	Ave	17436	20187		1160	1000	15.8*	15.0
DCB Decachlorobiphenyl	Ave	533997	586020		110	100	9.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCVRT 460-151867/3 Calibration Date: 03/19/2013 22:19

Instrument ID: PESTGC9 Calib Start Date: 02/26/2013 10:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/26/2013 11:50

Lab File ID: vr484024.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.08	2.02	2.16
PCB-1016 Peak 2	2.52	2.46	2.60
PCB-1016 Peak 3	2.77	2.71	2.85
PCB-1016 Peak 4	3.13	3.07	3.21
PCB-1016 Peak 5	3.33	3.27	3.41
PCB-1016 Peak 6	3.68	3.62	3.76
PCB-1016 Peak 7	4.04	3.98	4.12
PCB-1016 Peak 8	4.19	4.13	4.27
PCB-1260 Peak 1	6.08	6.02	6.16
PCB-1260 Peak 2	6.53	6.47	6.61
PCB-1260 Peak 3	6.98	6.92	7.06
PCB-1260 Peak 4	7.18	7.12	7.26
PCB-1260 Peak 5	7.62	7.56	7.70
PCB-1260 Peak 6	8.92	8.86	9.00
PCB-1260 Peak 7	9.14	9.09	9.23
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.64	10.54	10.74

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151458/1-A

Matrix: Solid Lab File ID: of200688.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 11:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151554 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

Data File: of200688.d
Report Date: 18-Mar-2013 11:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13a.b/of200688.d
Lab Smp Id: MB 460-151458/1-A
Inj Date : 18-MAR-2013 11:07
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-151458/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13a.b/08Of8082.m
Meth Date : 18-Mar-2013 11:36 patelji Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

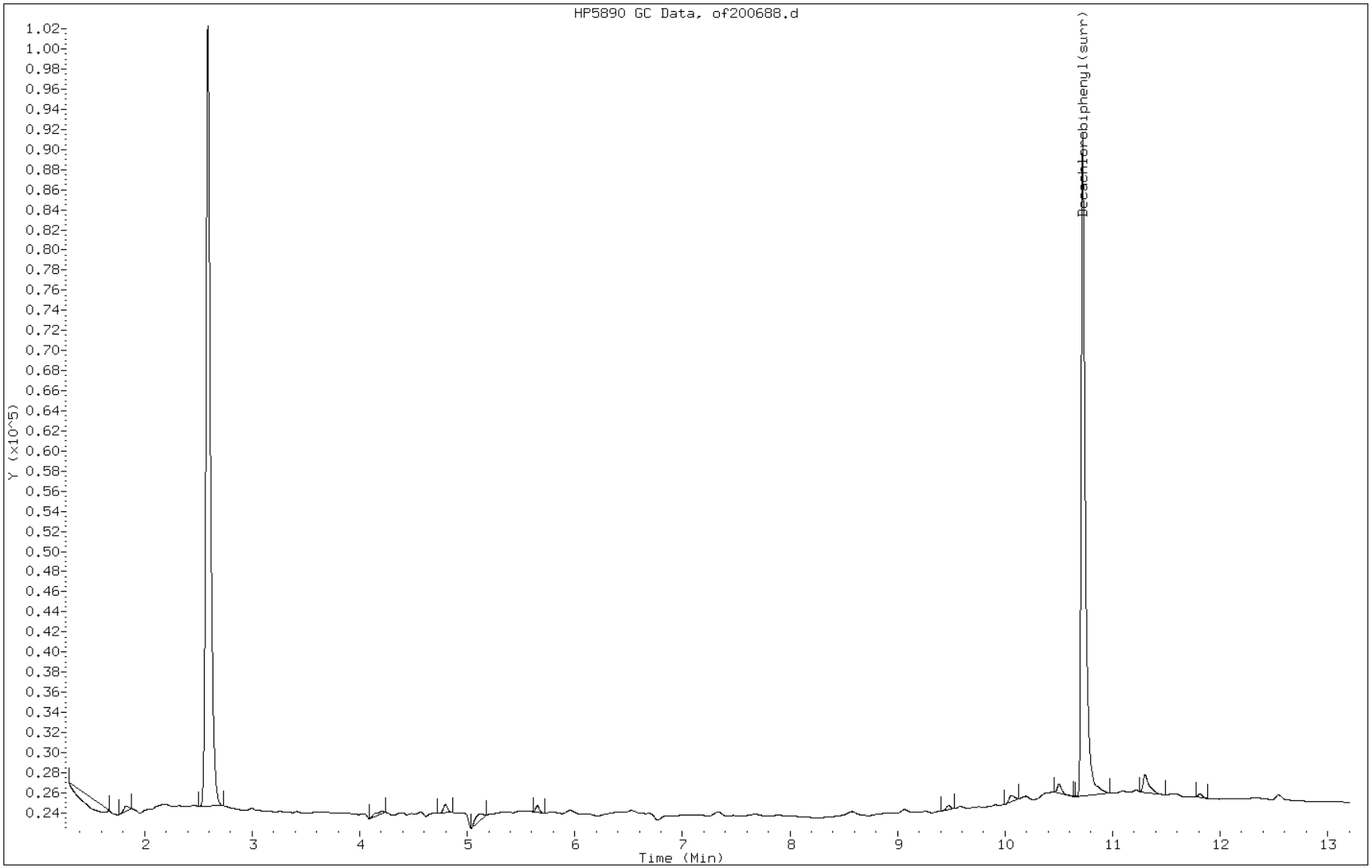
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.722	10.727	-0.005	175124	47.6118	32	80.00- 120.00	100.00

Data File: of200688.d

Date: 18-MAR-2013 11:07

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-151458/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151458/1-A

Matrix: Solid Lab File ID: or200688.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 11:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151554 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	19	U	67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13a.b/or200688.d
Lab Smp Id: MB 460-151458/1-A
Inj Date : 18-MAR-2013 11:07
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-151458/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13a.b/08Or8082.m
Meth Date : 18-Mar-2013 11:35 patelji Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.005	9.005	0.000	238464	45.6158	30	80.00- 120.00	100.00

Data File: or200688.d

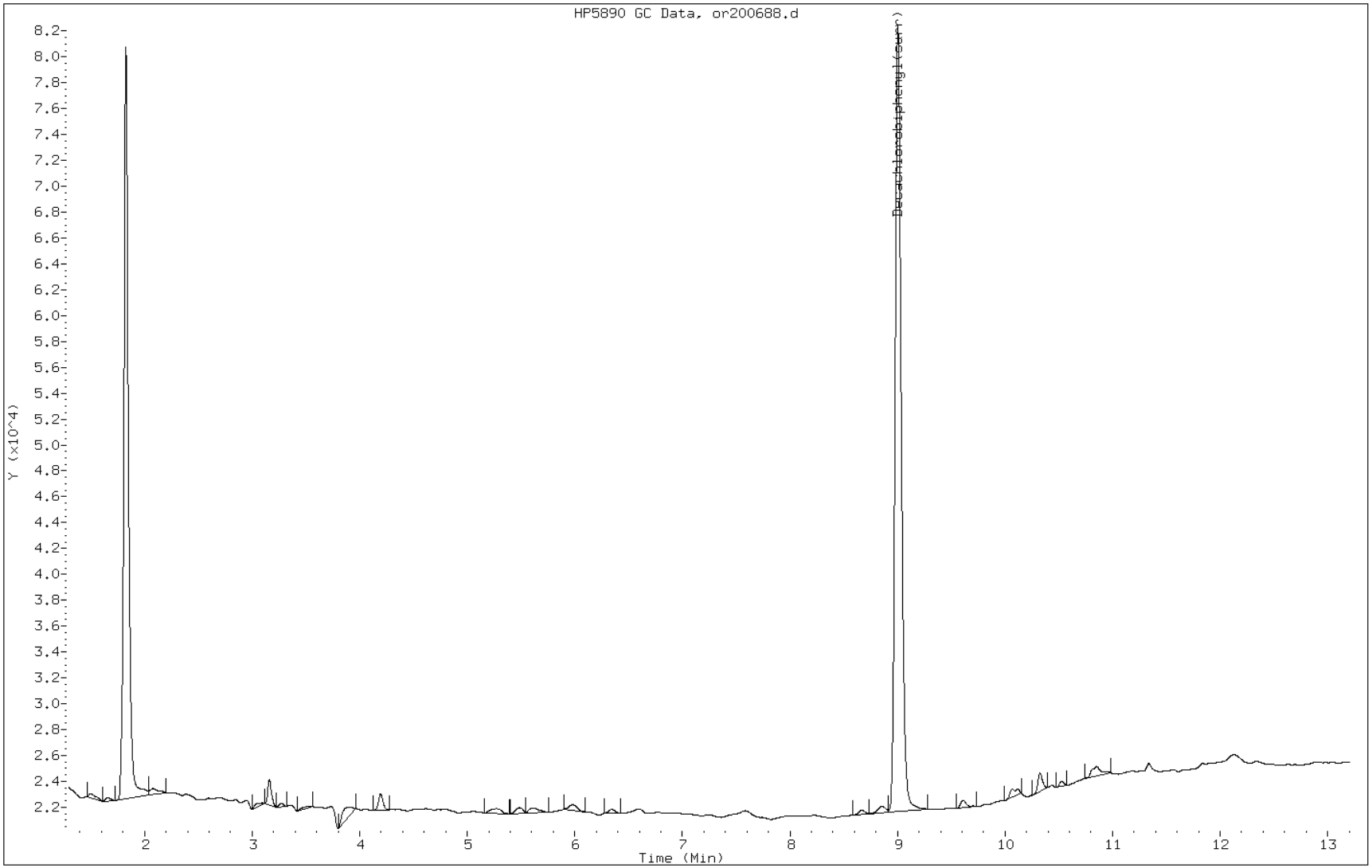
Date: 18-MAR-2013 11:07

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-151458/1-A

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151512/1-A

Matrix: Solid Lab File ID: qf093640.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 21:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		45-138

Data File: qf093640.d
Report Date: 19-Mar-2013 11:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093640.d
Lab Smp Id: MB 460-151512/1-A
Inj Date : 18-MAR-2013 21:35
Operator : Inst ID: PESTGC8.i
Smp Info : MB 460-151512/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 20 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.600	11.602	-0.002	20817849	42.2142	28	80.00- 120.00	100.00

Data File: qf093640.d

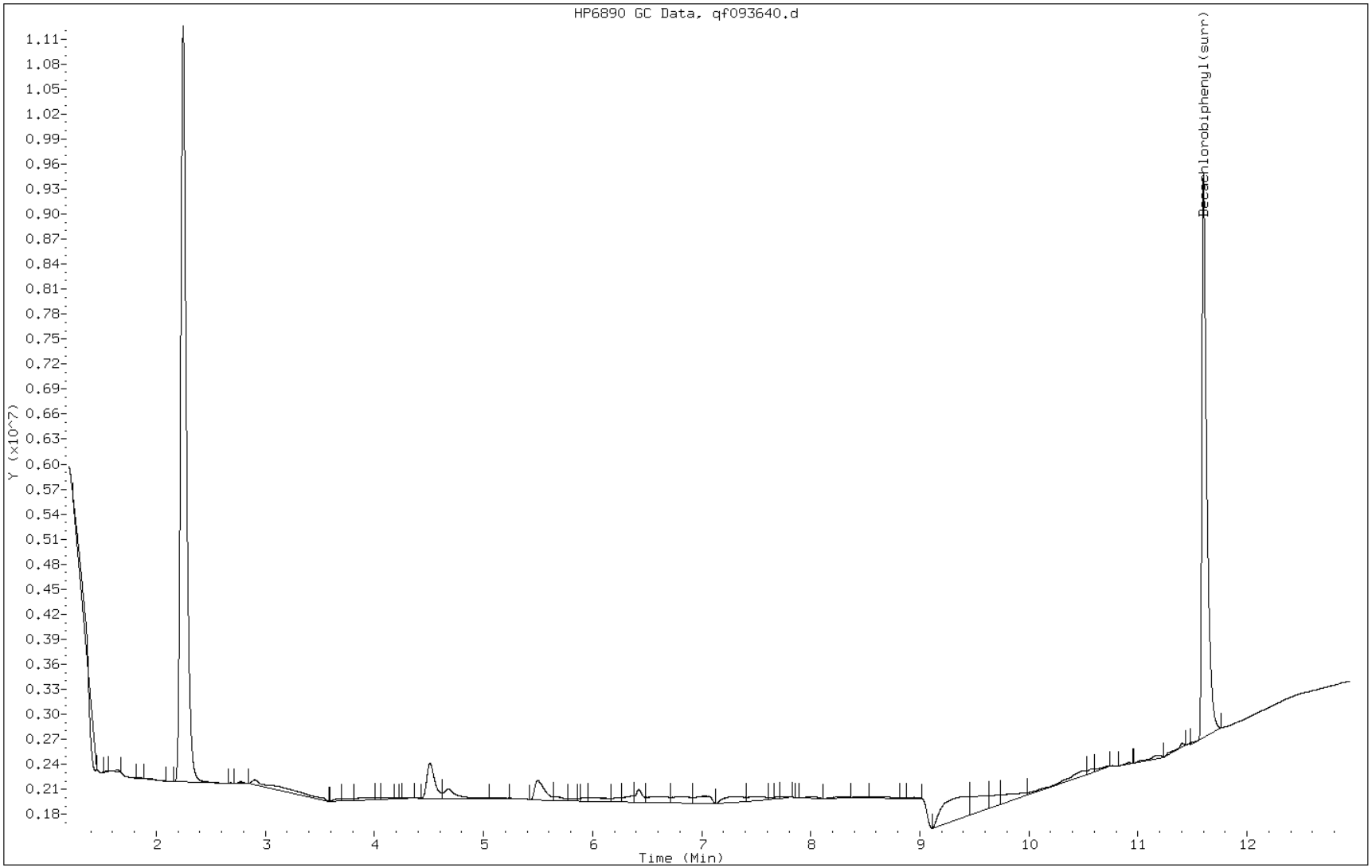
Date: 18-MAR-2013 21:35

Client ID:

Instrument: PESTGC8.i

Sample Info: MB 460-151512/1-A

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151512/1-A

Matrix: Solid Lab File ID: qr093640.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 21:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	19	U	67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093640.d
Lab Smp Id: MB 460-151512/1-A
Inj Date : 18-MAR-2013 21:35
Operator : Inst ID: PESTGC8.i
Smp Info : MB 460-151512/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 20 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.519	10.520	-0.001	33555782	44.4677	30	80.00- 120.00	100.00

Data File: qr093640.d

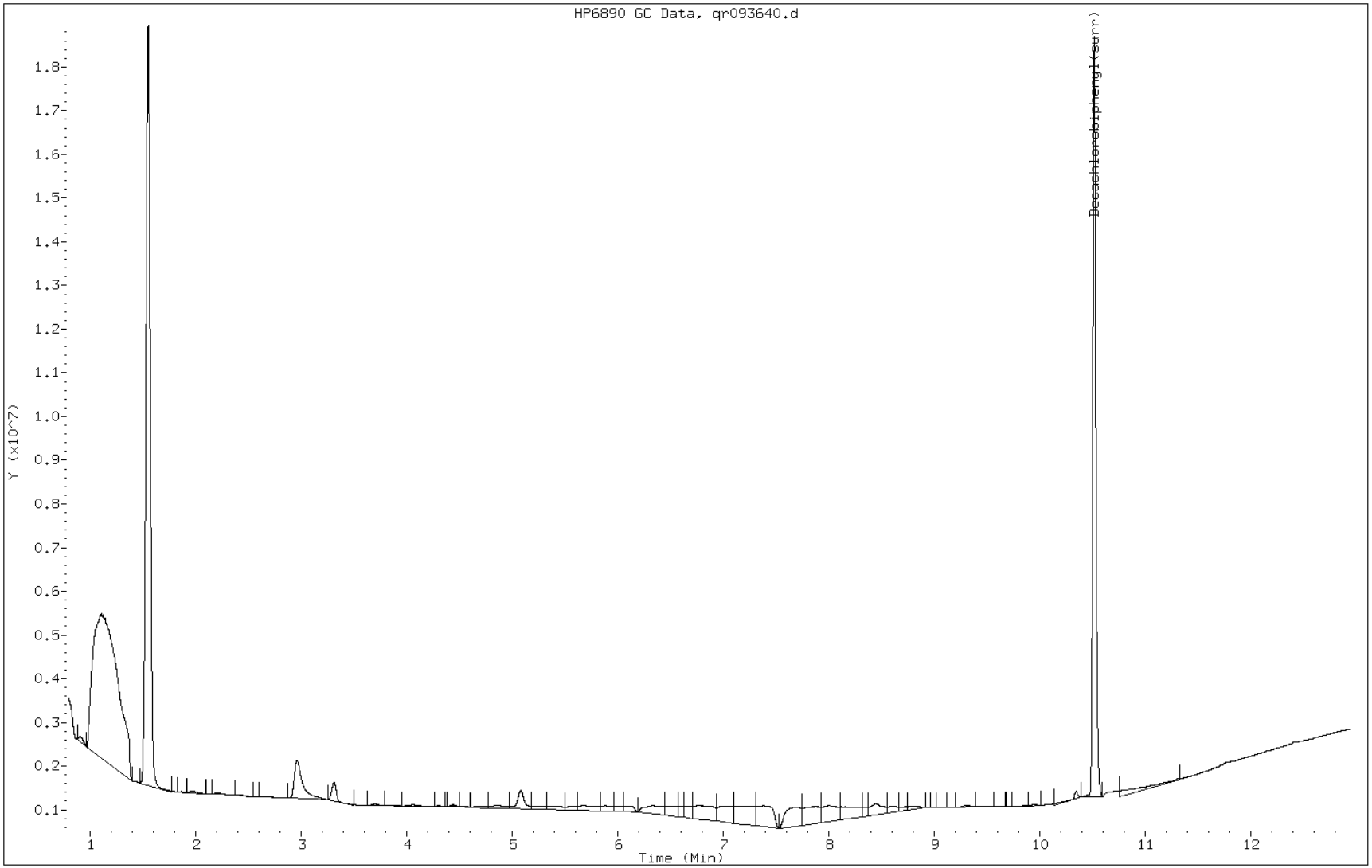
Date: 18-MAR-2013 21:35

Client ID:

Instrument: PESTGC8.i

Sample Info: MB 460-151512/1-A

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151527/1-A

Matrix: Solid Lab File ID: vf483953.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 14:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		45-138

Data File: vf483953.d
Report Date: 19-Mar-2013 02:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483953.d
Lab Smp Id: MB 460-151527/1-
Inj Date : 18-MAR-2013 14:27
Operator : Inst ID: PESTGC9.i
Smp Info : MB 460-151527/1-
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

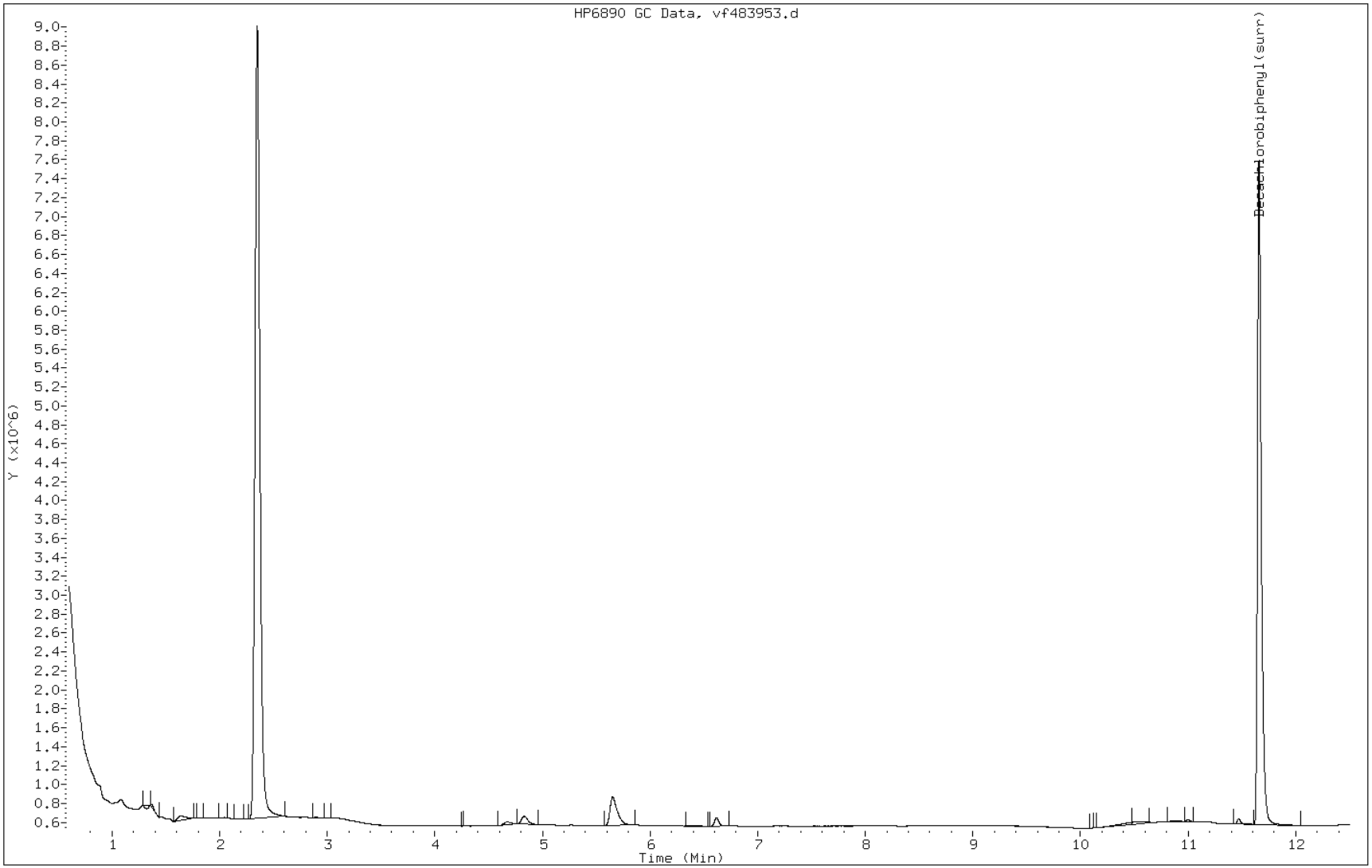
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.659	11.650	0.009	17018253	52.9776	35	80.00- 120.00	100.00

Data File: vf483953.d

Date: 18-MAR-2013 14:27

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-151527/1- Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151527/1-A

Matrix: Solid Lab File ID: vr483953.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 14:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	19	U	67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483953.d
Lab Smp Id: MB 460-151527/1-
Inj Date : 18-MAR-2013 14:27
Operator : Inst ID: PESTGC9.i
Smp Info : MB 460-151527/1-
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

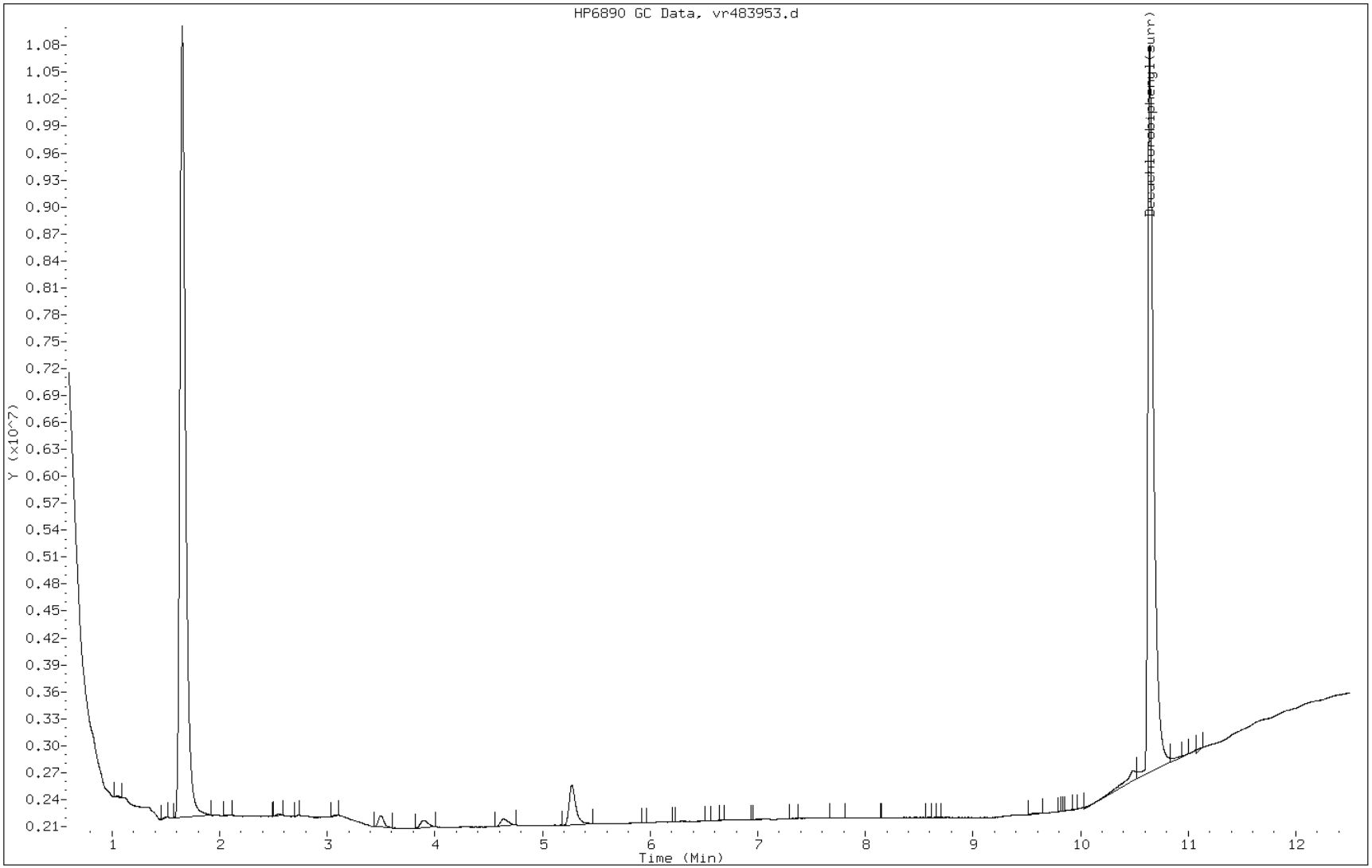
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.642	10.642	0.000	30243834	56.6367	38	80.00- 120.00	100.00

Data File: vr483953.d

Date: 18-MAR-2013 14:27

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-151527/1- Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151921/1-A

Matrix: Water Lab File ID: of200917.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/20/2013 14:11

Sample wt/vol: 1000(mL) Date Analyzed: 03/21/2013 10:00

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.: 152113 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		10-150

Data File: of200917.d
Report Date: 21-Mar-2013 13:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-21-13/21mar13a.b/of200917.d
Lab Smp Id: MB 460-151921/1-A
Inj Date : 21-MAR-2013 10:00
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-151921/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar13/03-21-13/21mar13a.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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

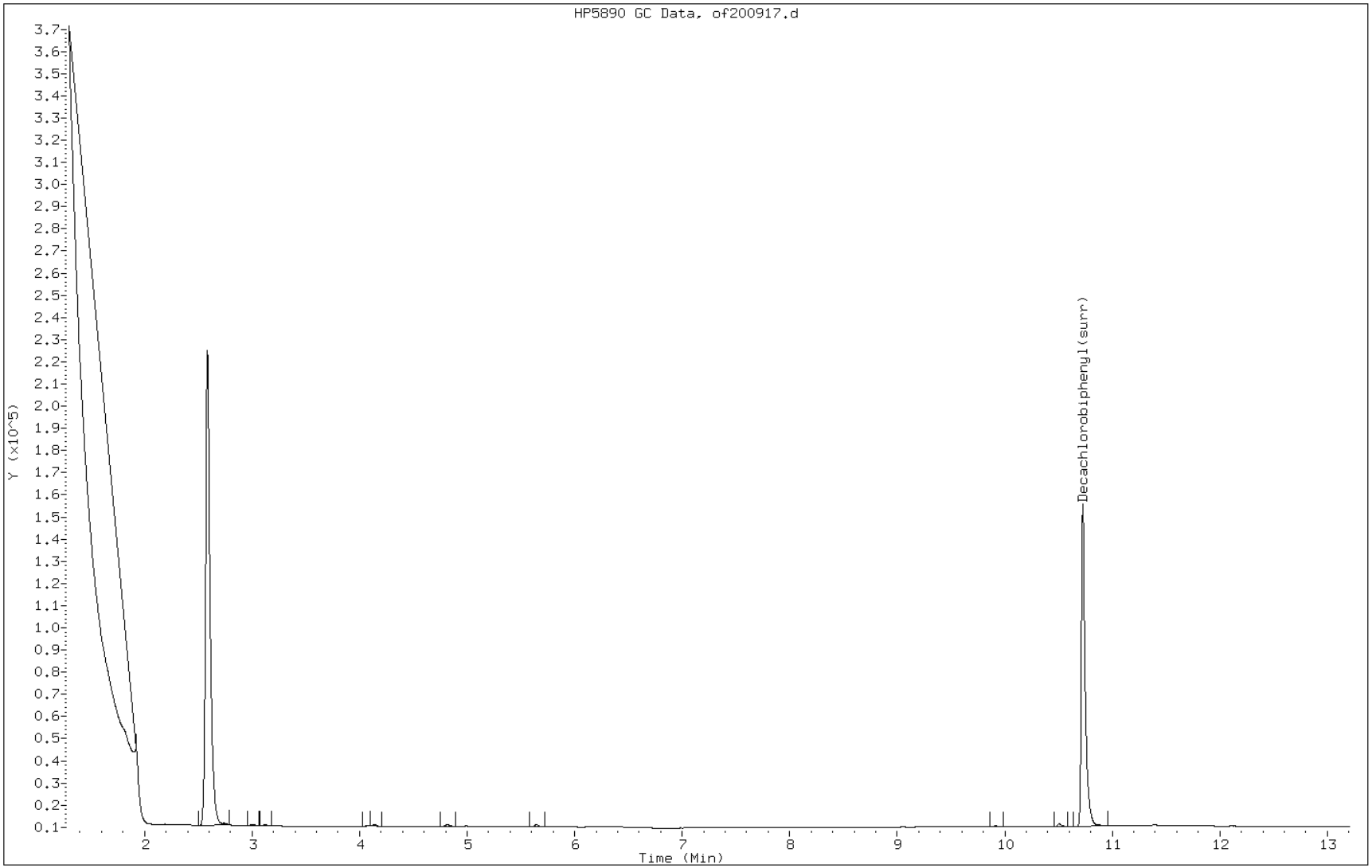
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.727	10.727	0.000	361449	98.2688	0.49	80.00- 120.00	100.00

Data File: of200917.d

Date: 21-MAR-2013 10:00

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-151921/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-151921/1-A

Matrix: Water | Lab File ID: or200917.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 03/20/2013 14:11

Sample wt/vol: 1000(mL) | Date Analyzed: 03/21/2013 10:00

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.: 152113 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.076	U	0.50	0.076
11104-28-2	Aroclor 1221	0.076	U	0.50	0.076
11141-16-5	Aroclor 1232	0.076	U	0.50	0.076
53469-21-9	Aroclor 1242	0.076	U	0.50	0.076
12672-29-6	Aroclor 1248	0.076	U	0.50	0.076
11097-69-1	Aroclor 1254	0.083	U	0.50	0.083
11096-82-5	Aroclor 1260	0.083	U	0.50	0.083
37324-23-5	Aroclor 1262	0.083	U	0.50	0.083
11100-14-4	Aroclor 1268	0.083	U	0.50	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		10-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-21-13/21mar13a.b/or200917.d
Lab Smp Id: MB 460-151921/1-A
Inj Date : 21-MAR-2013 10:00
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-151921/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-21-13/21mar13a.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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

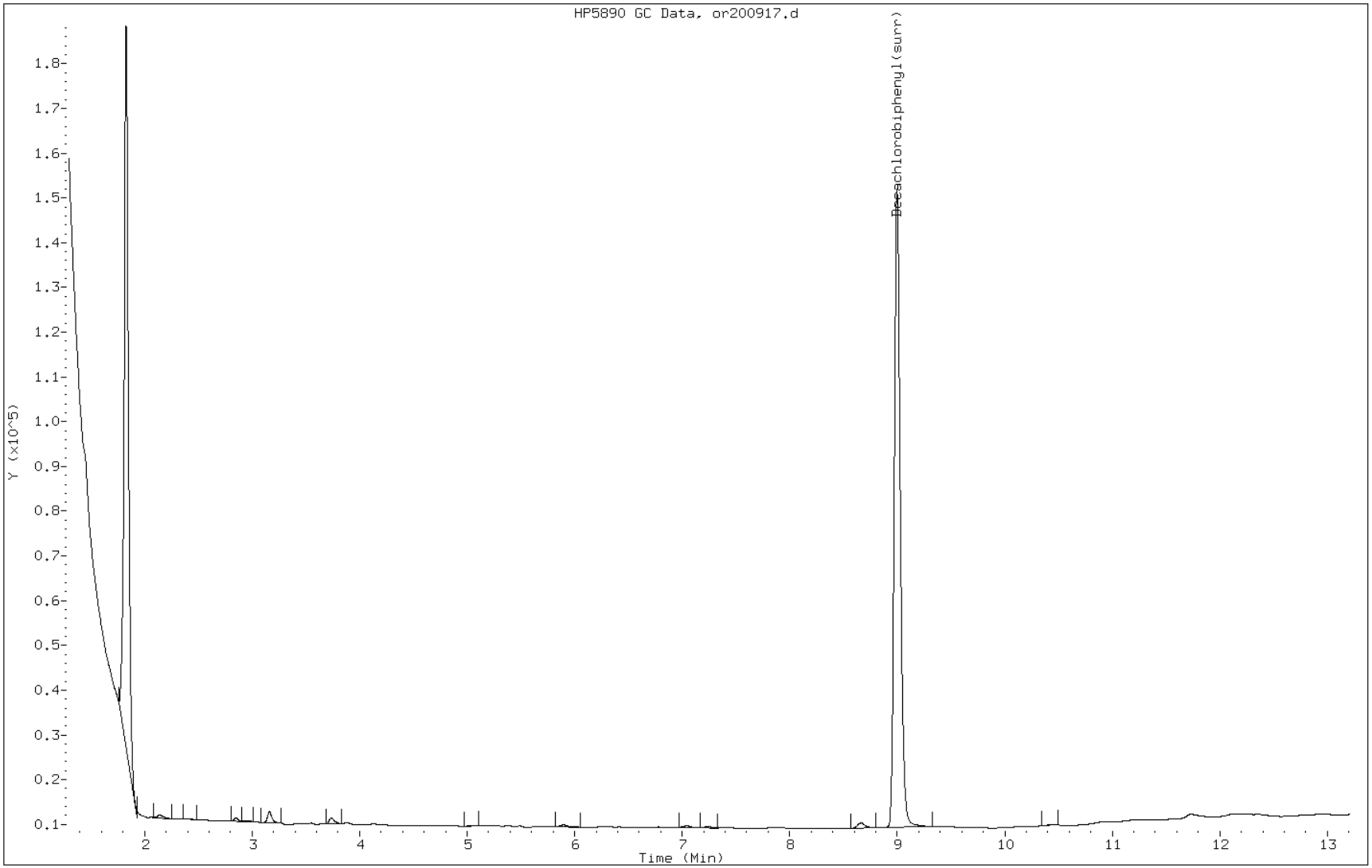
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.998	9.005	-0.007	552136	105.618	0.53	80.00- 120.00	100.00

Data File: or200917.d

Date: 21-MAR-2013 10:00

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-151921/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151458/2-A

Matrix: Solid Lab File ID: of200687.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 10:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151554 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	293		67	15
11104-28-2	*Aroclor 1221*	*15*	*U*	*67*	*15*
11141-16-5	*Aroclor 1232*	*15*	*U*	*67*	*15*
53469-21-9	*Aroclor 1242*	*15*	*U*	*67*	*15*
12672-29-6	*Aroclor 1248*	*15*	*U*	*67*	*15*
11097-69-1	*Aroclor 1254*	*19*	*U*	*67*	*19*
11096-82-5	Aroclor 1260	343		67	19
37324-23-5	*Aroclor 1262*	*19*	*U*	*67*	*19*
11100-14-4	*Aroclor 1268*	*19*	*U*	*67*	*19*

Data File: of200687.d
Report Date: 18-Mar-2013 11:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13a.b/of200687.d
Lab Smp Id: LCS 460-151458/2-A
Inj Date : 18-MAR-2013 10:50
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-151458/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar13/03-18-13/18mar13a.b/08Of8082.m
Meth Date : 18-Mar-2013 11:36 patelji Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.127	3.120	0.007	40996	333.348	220	80.00- 120.00	100.00(M)
3.602	3.600	0.002	128025	479.342	320	168.29- 252.44	312.29
3.895	3.893	0.002	56379	477.051	320	79.01- 118.51	137.52
4.150	4.147	0.003	221295	455.793	300	326.24- 489.36	539.80
4.322	4.320	0.002	93586	447.426	300	141.17- 211.75	228.28
4.623	4.622	0.001	57545	438.621	290	86.78- 130.17	140.37
4.912	4.912	0.000	65717	456.521	300	98.17- 147.25	160.30
5.073	5.072	0.001	69448	423.719	280	117.30- 175.94	169.40
Average of Peak Concentrations =					290		
27 Aroclor-1260					CAS #: 11096-82-5		
6.630	6.633	-0.003	160646	480.625	320	80.00- 120.00	100.00(M)

Data File: of200687.d
Report Date: 18-Mar-2013 11:37

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.980	6.983	-0.003	175525	461.767	310	89.87- 134.80	109.26
7.680	7.685	-0.005	243636	443.966	300	136.22- 204.32	151.66
7.880	7.887	-0.007	141614	541.756	360	63.34- 95.02	88.15
8.003	8.012	-0.009	78031	515.029	340	38.27- 57.41	48.57
8.583	8.590	-0.007	154592	507.010	340	75.97- 113.96	96.23
9.578	9.585	-0.007	187779	498.693	330	90.95- 136.42	116.89
10.207	10.212	-0.005	84511	669.317	450	30.49- 45.74	52.61
Average of Peak Concentrations =					340		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.722	10.727	-0.005	168031	45.6833	30	80.00- 120.00	100.00

QC Flag Legend

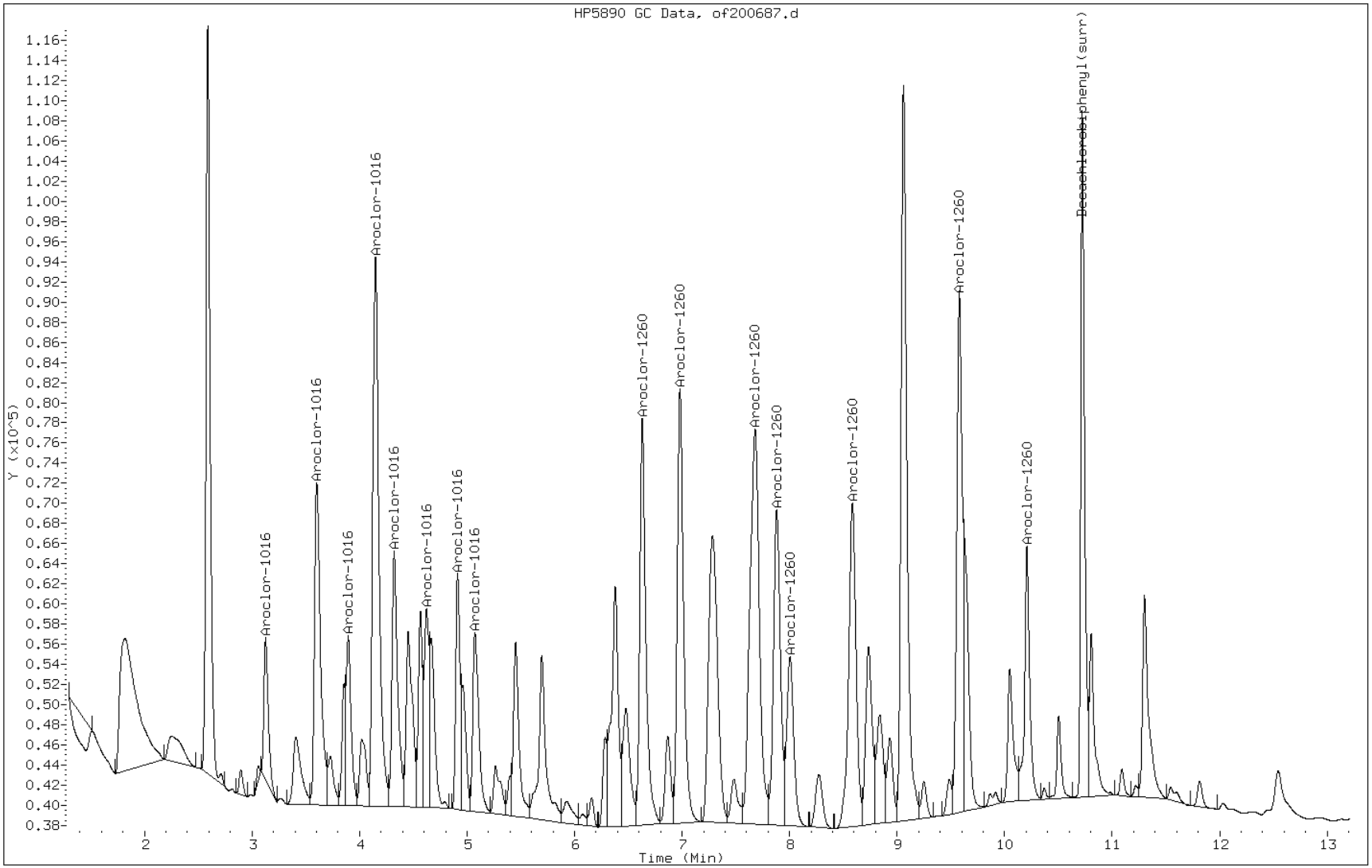
M - Compound response manually integrated.

Data File: of200687.d

Date: 18-MAR-2013 10:50

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-151458/2-A Operator:



Manual Integration Report

Data File: of200687.d
Inj. Date and Time: 18-MAR-2013 10:50
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/18/2013

Processing Integration Results

Not Detected

Expected RT: 3.12

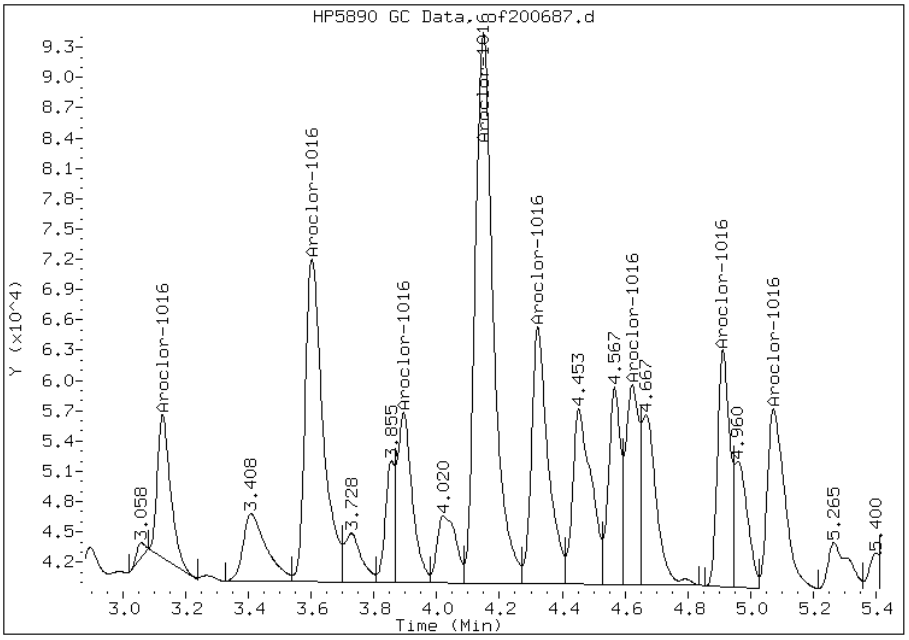
Manual Integration Results

RT: 3.13

Response: 40996

Amount: 438.98

Conc: 290.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: of200687.d
Inj. Date and Time: 18-MAR-2013 10:50
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/18/2013

Processing Integration Results

Not Detected

Expected RT: 6.63

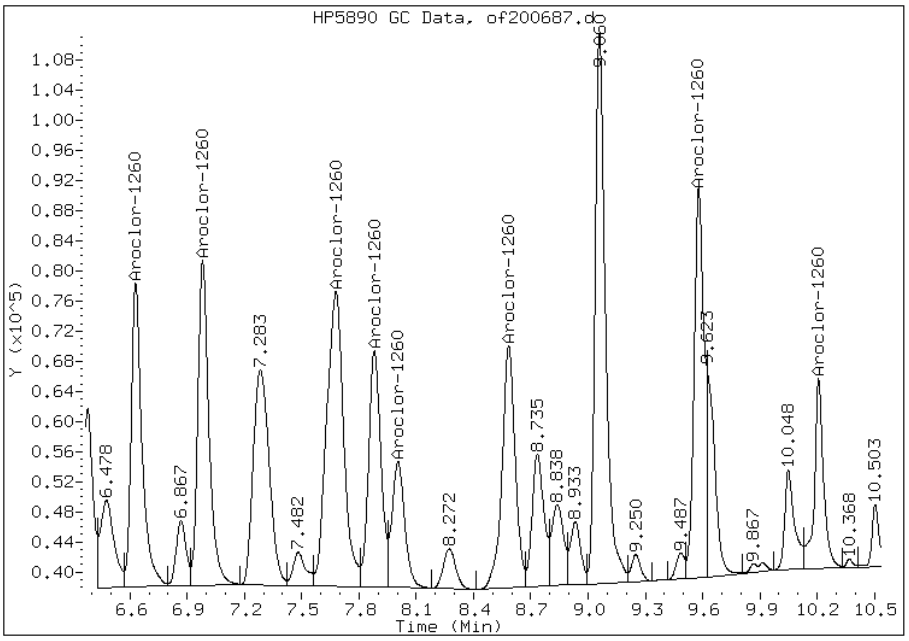
Manual Integration Results

RT: 6.63

Response: 160646

Amount: 514.77

Conc: 340.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151458/2-A

Matrix: Solid Lab File ID: or200687.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 10:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151554 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*254*		*67*	*15*
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	*Aroclor 1260*	*331*		*67*	*19*
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13a.b/or200687.d
Lab Smp Id: LCS 460-151458/2-A
Inj Date : 18-MAR-2013 10:50
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-151458/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-18-13/18mar13a.b/08Or8082.m
Meth Date : 18-Mar-2013 11:35 patelji Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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
21 Aroclor-1016					CAS #: 12674-11-2		
2.107	2.095	0.012	46750	382.300	250	80.00- 120.00	100.00(M)
2.415	2.405	0.010	82527	389.078	260	133.76- 200.65	176.53
2.597	2.588	0.009	50592	343.534	230	101.16- 151.73	108.22
2.848	2.840	0.008	181320	408.932	270	301.04- 451.56	387.85
2.988	2.978	0.010	65354	383.335	260	113.52- 170.27	139.79
3.188	3.185	0.003	93151			120.64- 180.95	199.25
3.410	3.403	0.007	69870	391.198	260	119.71- 179.56	149.45
3.503	3.497	0.006	29619	369.556	250	63.47- 95.20	63.36
Average of Peak Concentrations =					250		
27 Aroclor-1260					CAS #: 11096-82-5		
4.792	4.790	0.002	122677	471.385	310	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.130	5.128	0.002	215243	466.597	310	143.38- 215.07	175.46
5.472	5.470	0.002	190727	437.971	290	142.45- 213.67	155.47
5.613	5.613	0.000	109767	529.472	350	65.53- 98.29	89.48
5.917	5.917	0.000	104169	450.454	300	71.19- 106.79	84.91
6.768	6.767	0.001	116341	418.944	280	96.98- 145.47	94.84
6.907	6.908	-0.001	89995	591.413	390	51.68- 77.52	73.36
7.995	7.995	0.000	85298	605.145	400	48.29- 72.43	69.53
		Average of Peak Concentrations =			330		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.003	9.005	-0.002	239447	45.8038	30	80.00- 120.00	100.00

QC Flag Legend

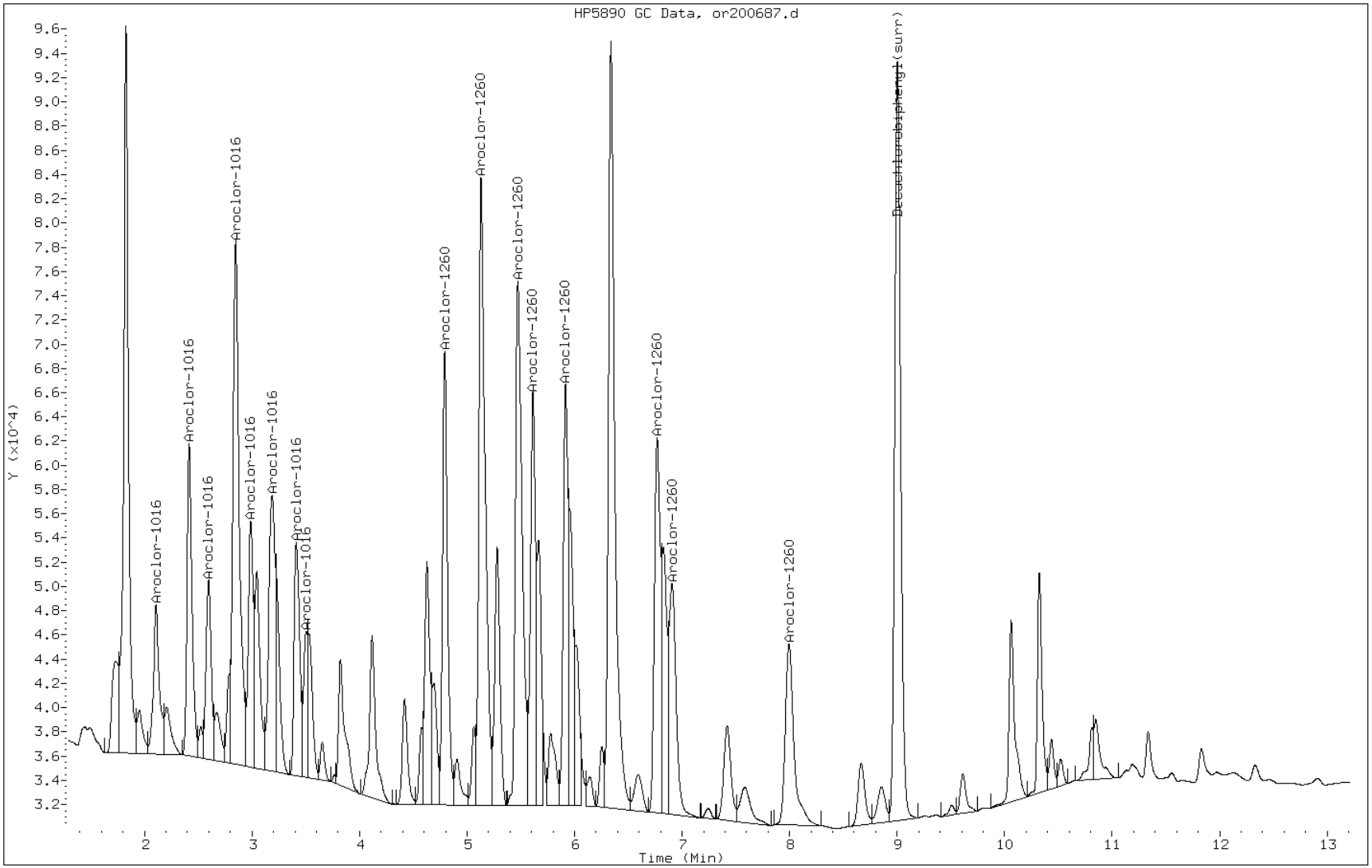
M - Compound response manually integrated.

Data File: or200687.d

Date: 18-MAR-2013 10:50

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-151458/2-A Operator:



Manual Integration Report

Data File: or200687.d
Inj. Date and Time: 18-MAR-2013 10:50
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/18/2013

Processing Integration Results

Not Detected

Expected RT: 2.10

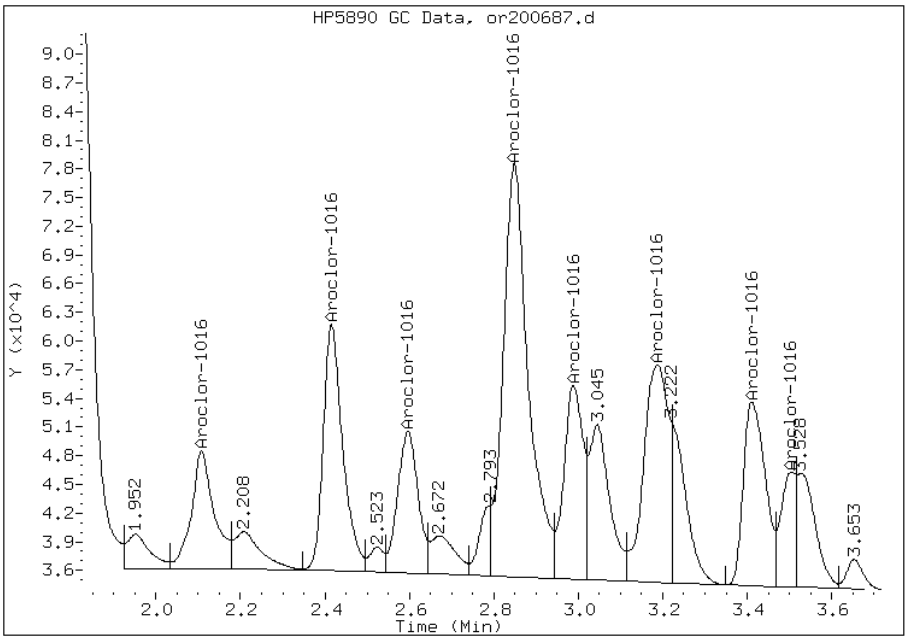
Manual Integration Results

RT: 2.11

Response: 46750

Amount: 381.13

Conc: 250.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: or200687.d
Inj. Date and Time: 18-MAR-2013 10:50
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/18/2013

Processing Integration Results

Not Detected

Expected RT: 4.79

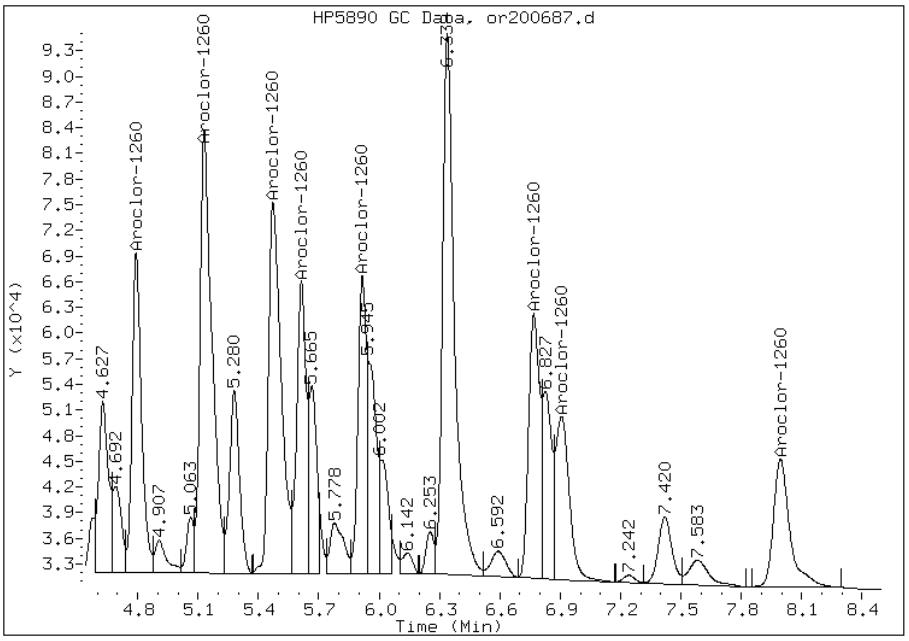
Manual Integration Results

RT: 4.79

Response: 122677

Amount: 496.42

Conc: 330.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151512/2-A

Matrix: Solid Lab File ID: qf093641.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 21:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*319*		*67*	*15*
11104-28-2	*Aroclor 1221*	*15*	*U*	*67*	*15*
11141-16-5	*Aroclor 1232*	*15*	*U*	*67*	*15*
53469-21-9	*Aroclor 1242*	*15*	*U*	*67*	*15*
12672-29-6	*Aroclor 1248*	*15*	*U*	*67*	*15*
11097-69-1	*Aroclor 1254*	*19*	*U*	*67*	*19*
11096-82-5	*Aroclor 1260*	*328*		*67*	*19*
37324-23-5	*Aroclor 1262*	*19*	*U*	*67*	*19*
11100-14-4	*Aroclor 1268*	*19*	*U*	*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		45-138

Data File: qf093641.d
Report Date: 19-Mar-2013 11:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/qf093641.d
Lab Smp Id: LCS 460-151512/2-A
Inj Date : 18-MAR-2013 21:54
Operator : Inst ID: PESTGC8.i
Smp Info : LCS 460-151512/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar13/03-18-13ical/18mar13b.b/08Qf8082.m
Meth Date : 19-Mar-2013 00:38 sita Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qf093636.d
Als bottle: 21 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.976	2.972	0.004	7563275	491.404	330	80.00- 120.00	100.00(M)
3.676	3.669	0.007	15197575	466.489	310	0.00- 0.00	200.94
4.121	4.115	0.006	6059151	432.929	290	0.00- 0.00	80.11
4.760	4.752	0.008	13203781	494.474	330	0.00- 0.00	174.58
4.941	4.935	0.006	9352750	460.469	310	0.00- 0.00	123.66
5.196	5.189	0.007	8261484	511.609	340	42.38- 63.56	109.23
5.586	5.581	0.005	9541737	513.157	340	23.50- 35.25	126.16
5.796	5.792	0.004	8531064	454.763	300	19.58- 29.37	112.80
Average of Peak Concentrations =					320		
27 Aroclor-1260					CAS #: 11096-82-5		
7.824	7.818	0.006	19333382	457.631	300	0.00- 0.00	100.00(M)

Data File: qf093641.d
Report Date: 19-Mar-2013 11:36

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.281	8.276	0.005	25346250	458.381	300	0.00- 0.00	131.10
9.166	9.161	0.005	27470754	388.948	260	0.00- 0.00	142.09
9.402	9.399	0.003	19364055	525.339	350	0.00- 0.00	100.16
9.520	9.516	0.004	9667923	490.328	330	0.00- 0.00	50.01
9.966	9.963	0.003	14322624	489.064	330	0.00- 0.00	74.08
10.665	10.663	0.002	18505776	579.455	390	0.00- 0.00	95.72
11.148	11.149	-0.001	7324308	550.324	370	0.00- 0.00	37.88
		Average of Peak Concentrations =			330		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.599	11.602	-0.003	21061826	42.7090	28	80.00- 120.00	100.00

QC Flag Legend

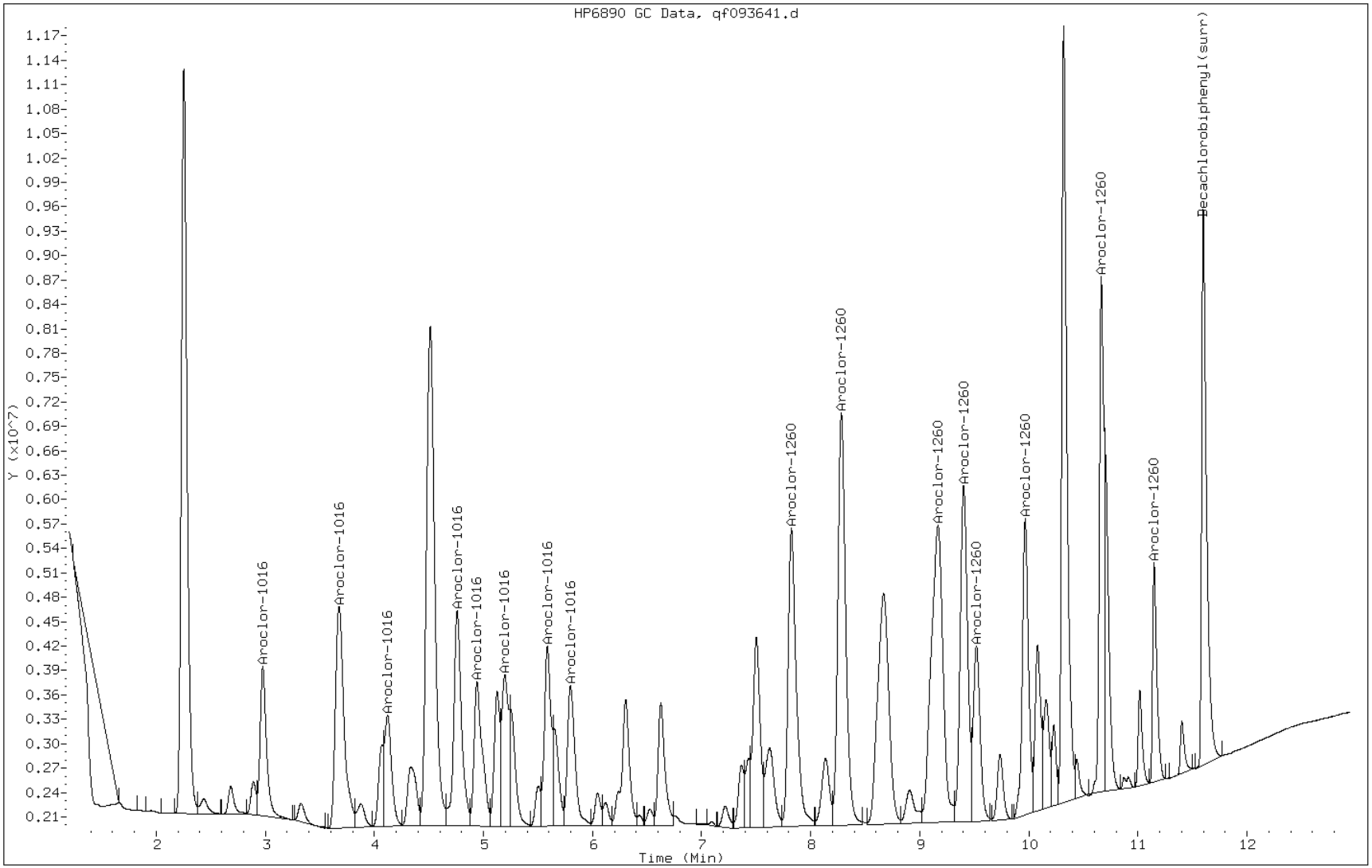
M - Compound response manually integrated.

Data File: qf093641.d

Date: 18-MAR-2013 21:54

Client ID: Instrument: PESTGC8.i

Sample Info: LCS 460-151512/2-A Operator:



Manual Integration Report

Data File: qf093641.d
Inj. Date and Time: 18-MAR-2013 21:54
Instrument ID: PESTGC8.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.97

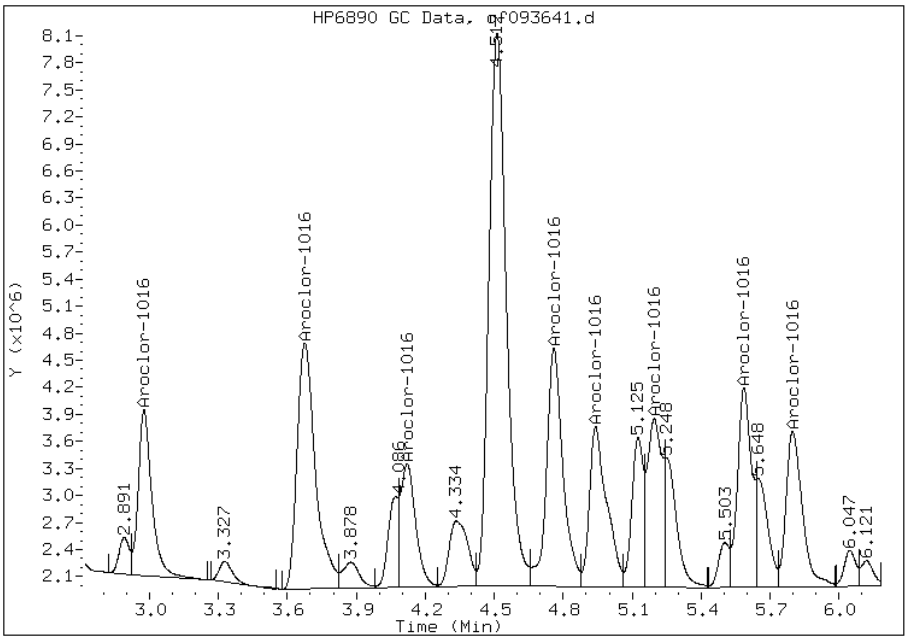
Manual Integration Results

RT: 2.98

Response: 7563275

Amount: 478.16

Conc: 320.00



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: qf093641.d
Inj. Date and Time: 18-MAR-2013 21:54
Instrument ID: PESTGC8.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 7.82

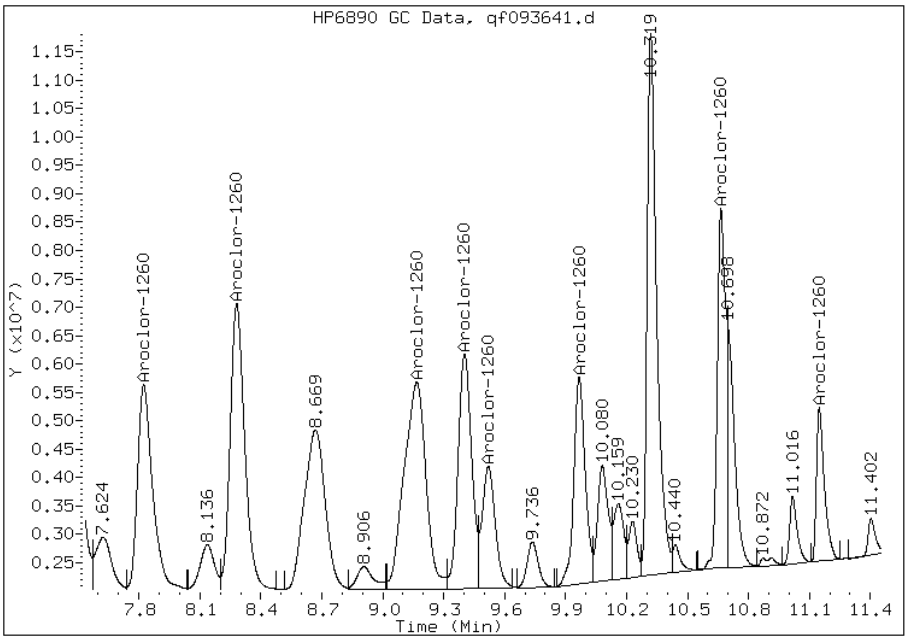
Manual Integration Results

RT: 7.82

Response: 19333382

Amount: 492.43

Conc: 330.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151512/2-A

Matrix: Solid Lab File ID: qr093641.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 21:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	322		67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	330		67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/qr093641.d
Lab Smp Id: LCS 460-151512/2-A
Inj Date : 18-MAR-2013 21:54
Operator : Inst ID: PESTGC8.i
Smp Info : LCS 460-151512/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar13/03-18-13ical/18mar13b.b/08Qr8082.m
Meth Date : 19-Mar-2013 00:13 diazc Quant Type: ESTD
Cal Date : 18-MAR-2013 20:29 Cal File: qr093636.d
Als bottle: 21 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
1.970	1.973	-0.003	12786970	466.911	310	80.00- 120.00	100.00(M)
2.401	2.404	-0.003	22060024	485.458	320	135.73- 203.60	172.52
2.646	2.647	-0.001	14628237	478.673	320	93.93- 140.89	114.40
2.990	2.992	-0.002	46484304	507.009	340	274.13- 411.20	363.53
3.174	3.176	-0.002	19903214	491.977	330	123.31- 184.97	155.65
3.495	3.495	0.000	20861354	476.457	320	142.37- 213.56	163.15
3.858	3.860	-0.002	18964306	475.302	320	124.38- 186.57	148.31
4.003	4.006	-0.003	10370815	476.493	320	68.15- 102.23	81.10
Average of Peak Concentrations =					320		
27 Aroclor-1260					CAS #: 11096-82-5		
5.886	5.887	-0.001	24677185	458.775	300	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.337	6.337	0.000	45116379	468.497	310	145.55- 218.32	182.83
6.772	6.773	-0.001	40133964	439.702	290	140.64- 210.95	162.64
6.967	6.970	-0.003	25588312	548.734	360	73.78- 110.68	103.69
7.387	7.387	0.000	24537105	505.748	340	75.71- 113.56	99.43
8.620	8.621	-0.001	28402527	458.985	300	96.73- 145.09	115.10
8.833	8.833	0.000	18433795	531.784	350	53.49- 80.23	74.70
9.983	9.984	-0.001	16545594	544.577	360	47.38- 71.07	67.05
		Average of Peak Concentrations =			330		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.520	10.520	0.000	33750986	44.7263	30	80.00- 120.00	100.00

QC Flag Legend

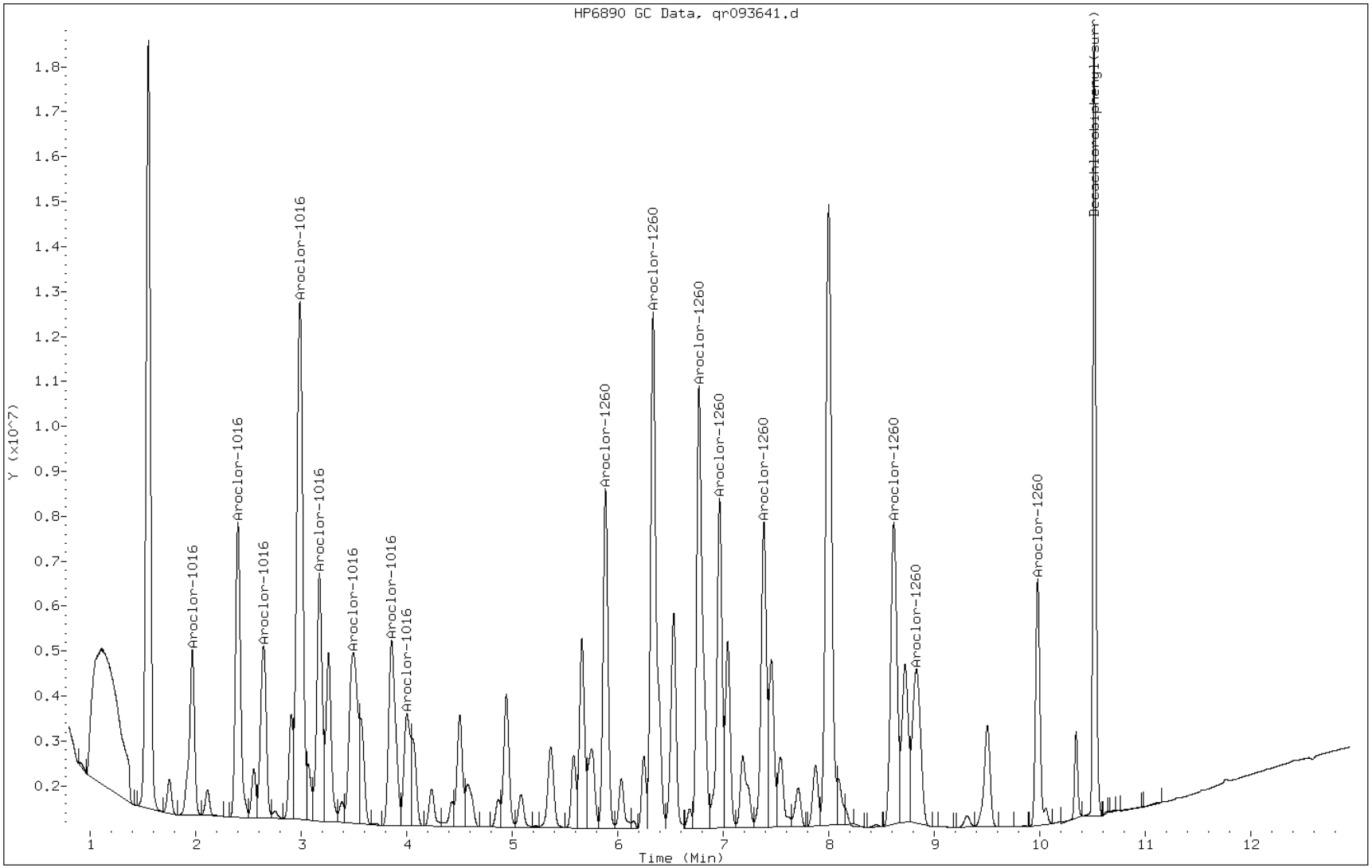
M - Compound response manually integrated.

Data File: qr093641.d

Date: 18-MAR-2013 21:54

Client ID: Instrument: PESTGC8.i

Sample Info: LCS 460-151512/2-A Operator:



Manual Integration Report

Data File: qr093641.d
Inj. Date and Time: 18-MAR-2013 21:54
Instrument ID: PESTGC8.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 1.97

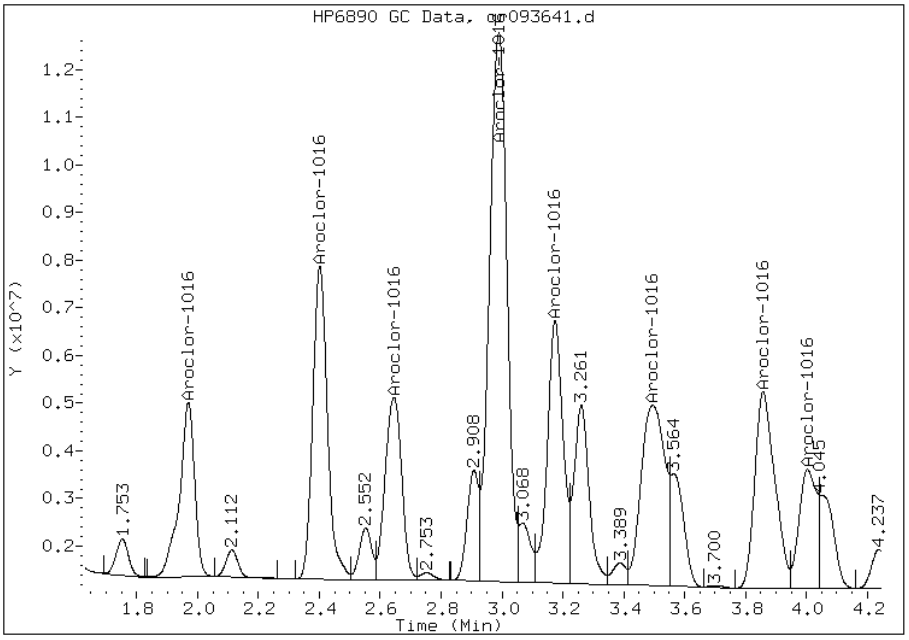
Manual Integration Results

RT: 1.97

Response: 12786970

Amount: 482.29

Conc: 320.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151527/2-A

Matrix: Solid Lab File ID: vf483954.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 14:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	367		67	15
11104-28-2	*Aroclor 1221*	*15*	*U*	*67*	*15*
11141-16-5	*Aroclor 1232*	*15*	*U*	*67*	*15*
53469-21-9	*Aroclor 1242*	*15*	*U*	*67*	*15*
12672-29-6	*Aroclor 1248*	*15*	*U*	*67*	*15*
11097-69-1	*Aroclor 1254*	*19*	*U*	*67*	*19*
11096-82-5	Aroclor 1260	396		67	19
37324-23-5	*Aroclor 1262*	*19*	*U*	*67*	*19*
11100-14-4	*Aroclor 1268*	*19*	*U*	*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		45-138

Data File: vf483954.d
Report Date: 19-Mar-2013 02:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/vf483954.d
Lab Smp Id: LCS 460-151527/2
Inj Date : 18-MAR-2013 14:43
Operator : Inst ID: PESTGC9.i
Smp Info : LCS 460-151527/2
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Mar13/03-18-13/18mar13b.b/08Vf8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vf483724.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.065	3.069	-0.004	6534423	527.469	350	80.00- 120.00	100.00
3.799	3.805	-0.006	12876794	528.915	350	153.99- 230.99	197.06
4.251	4.258	-0.007	5538287	528.054	350	69.94- 104.91	84.76
4.643	4.649	-0.006	23102882	534.913	360	287.19- 430.79	353.56
4.893	4.898	-0.005	11200081	571.177	380	132.49- 198.74	171.40
5.331	5.337	-0.006	6532269	559.941	370	75.32- 112.98	99.97
5.726	5.730	-0.004	7698267	567.479	380	90.87- 136.31	117.81
5.938	5.943	-0.005	8839317	584.492	390	105.74- 158.61	135.27
Average of Peak Concentrations =					370		
27 Aroclor-1260					CAS #: 11096-82-5		
8.020	8.024	-0.004	15845551	546.461	360	80.00- 120.00	100.00(M)

Data File: vf483954.d
Report Date: 19-Mar-2013 02:21

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.499	8.503	-0.004	18691612	558.133	370	90.48- 135.71	117.96
9.403	9.407	-0.004	22777033	503.793	340	129.01- 193.52	143.74
9.603	9.604	-0.001	13014111	653.929	440	55.67- 83.51	82.13
9.705	9.708	-0.003	7999286	684.630	460	33.98- 50.97	50.48
10.111	10.113	-0.002	12129324	599.783	400	59.19- 88.79	76.55
10.748	10.751	-0.003	12334154	490.316	330	74.73- 112.09	77.84
11.218	11.219	-0.001	6794187	710.959	470	28.07- 42.10	42.88
Average of Peak Concentrations =					400		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.649	11.650	-0.001	17571819	54.7009	36	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf483954.d

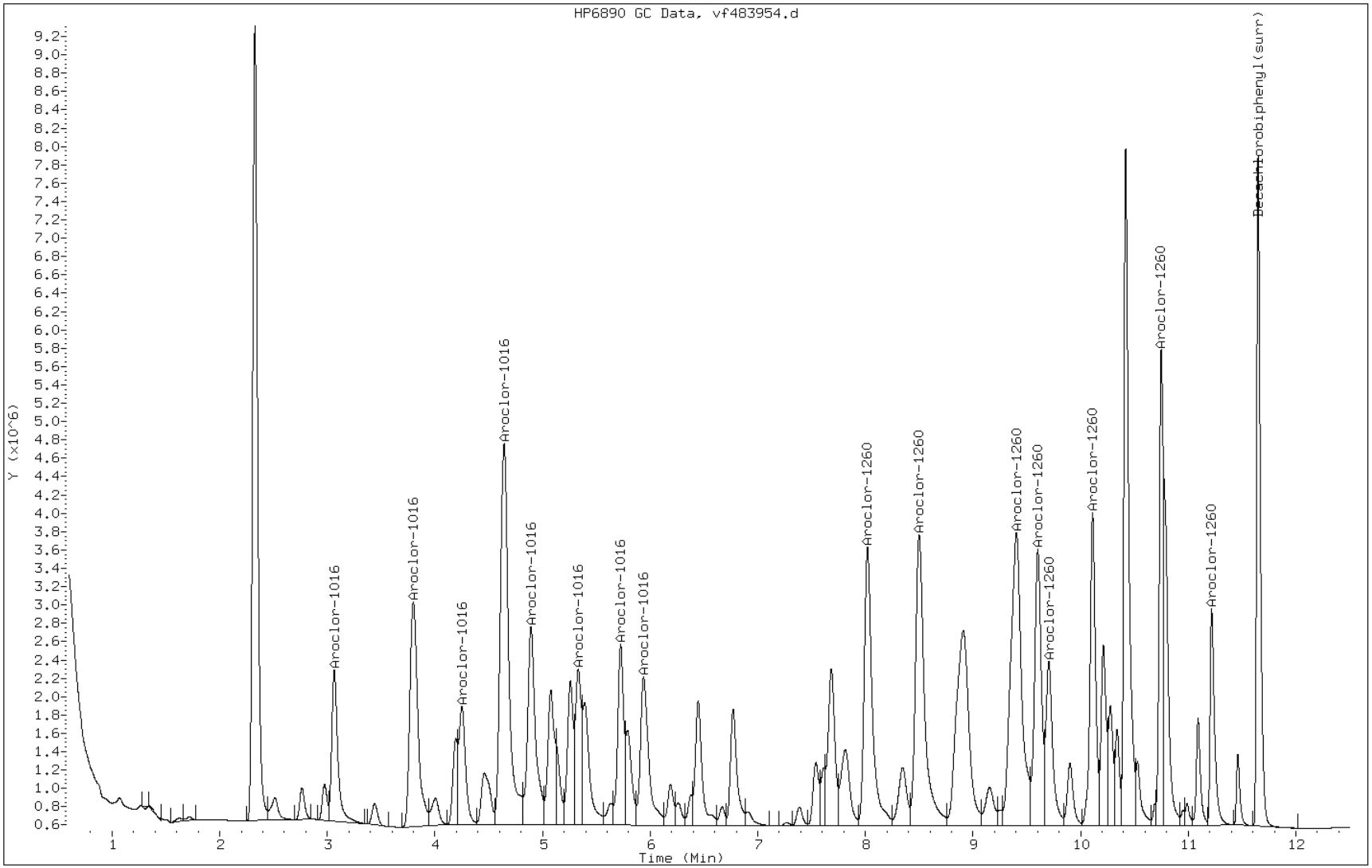
Date: 18-MAR-2013 14:43

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-151527/2

Operator:



Manual Integration Report

Data File: vf483954.d
Inj. Date and Time: 18-MAR-2013 14:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 8.02

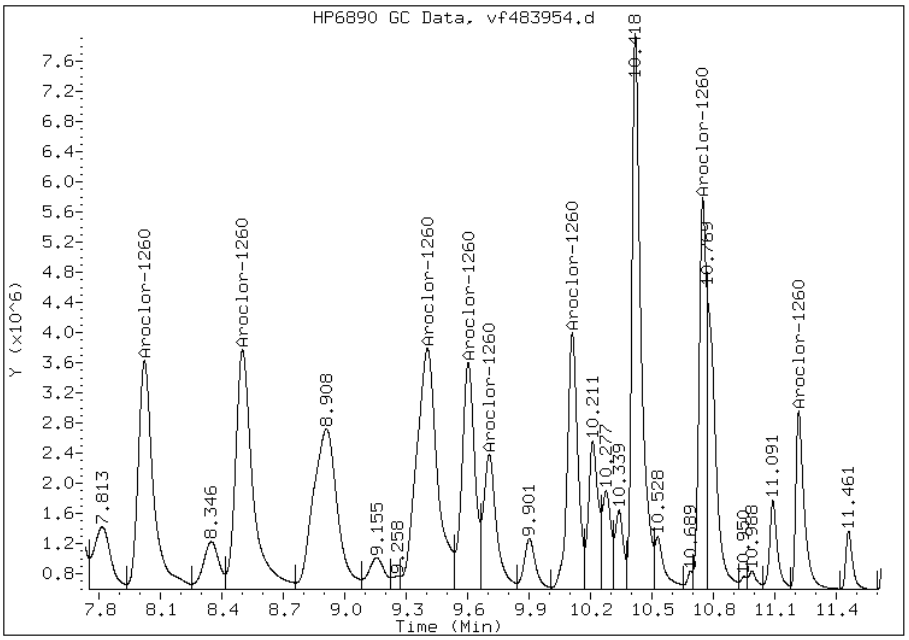
Manual Integration Results

RT: 8.02

Response: 15845551

Amount: 593.50

Conc: 400.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151527/2-A

Matrix: Solid Lab File ID: vr483954.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 14:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151625 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*342*		*67*	*15*
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	*Aroclor 1260*	*379*		*67*	*19*
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		45-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/vr483954.d
Lab Smp Id: LCS 460-151527/2
Inj Date : 18-MAR-2013 14:43
Operator : Inst ID: PESTGC9.i
Smp Info : LCS 460-151527/2
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Mar13/03-18-13/18mar13b.b/08Vr8082.m
Meth Date : 26-Feb-2013 14:17 patelji Quant Type: ESTD
Cal Date : 2/26/2013 1:59:17 P Cal File: vr483724.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
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)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.080	2.089	-0.009	8187901	492.441	330	80.00- 120.00	100.00(M)
2.525	2.533	-0.008	15370474	545.425	360	124.75- 187.12	187.72
2.776	2.784	-0.008	10828368	540.847	360	76.12- 114.18	132.25
3.128	3.135	-0.007	31911003	513.740	340	281.99- 422.99	389.73
3.328	3.338	-0.010	11556187	528.578	350	83.17- 124.75	141.14
3.683	3.694	-0.011	12182723	520.207	350	84.10- 126.16	148.79
4.045	4.053	-0.008	11211578	515.103	340	89.71- 134.56	136.93
4.191	4.201	-0.010	4741617	446.370	300	36.62- 54.93	57.91
		Average of Peak Concentrations =			340		
27 Aroclor-1260					CAS #: 11096-82-5		
6.079	6.086	-0.007	19125327	531.735	350	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.533	6.538	-0.005	36675822	531.148	350	149.24- 223.85	191.77
6.979	6.985	-0.006	29805316	477.340	320	129.35- 194.03	155.84
7.181	7.187	-0.006	21563236	630.376	420	71.80- 107.70	112.75
7.624	7.630	-0.006	16281170	557.905	370	60.06- 90.09	85.13
8.927	8.934	-0.007	14609193	418.935	280	62.13- 93.19	76.39
9.144	9.158	-0.014	18202091	744.581	500	43.53- 65.29	95.17
10.169	10.172	-0.003	11389774	653.227	440	29.68- 44.53	59.55
		Average of Peak Concentrations =			380		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.640	10.642	-0.002	30193783	56.5430	38	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vr483954.d

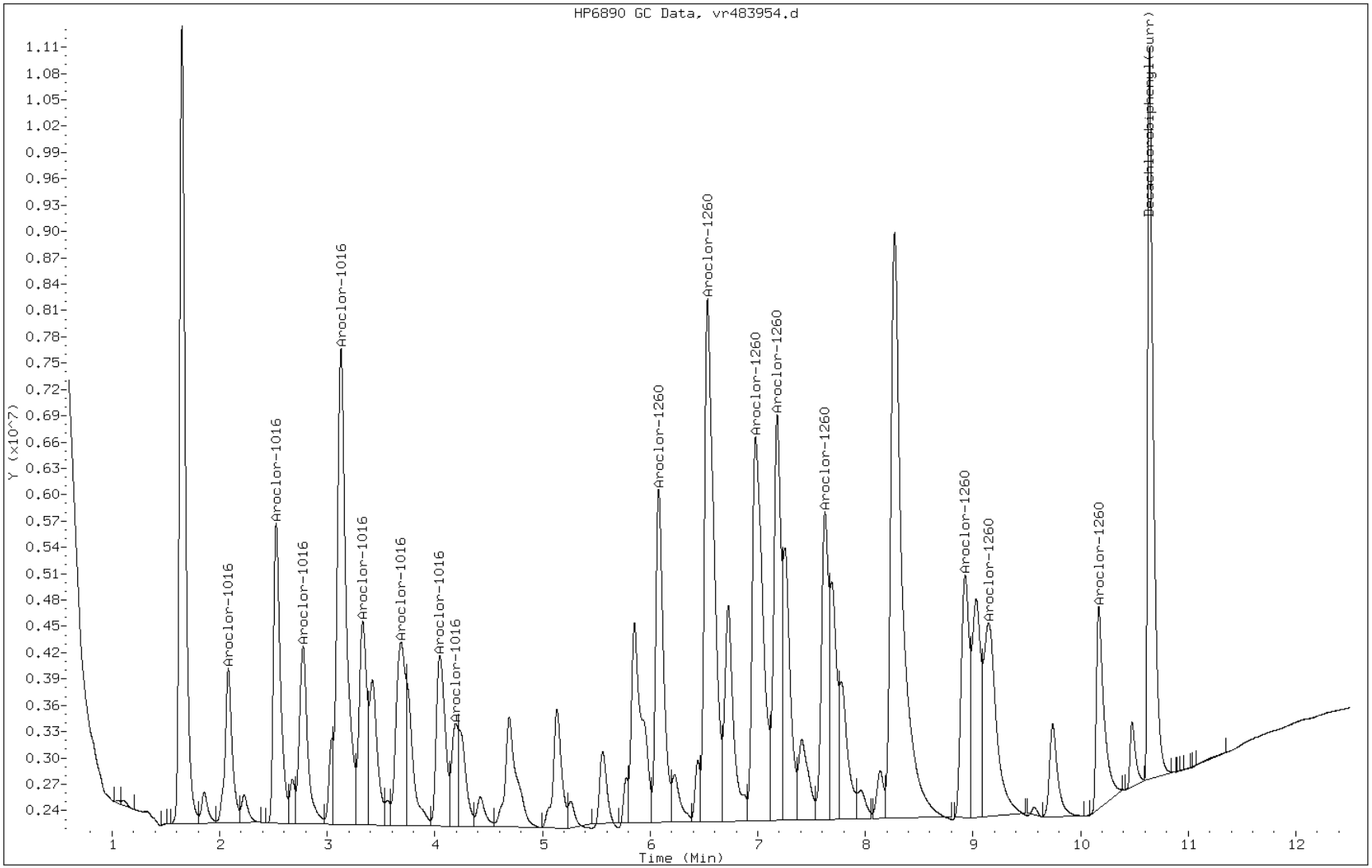
Date: 18-MAR-2013 14:43

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-151527/2

Operator:



Manual Integration Report

Data File: vr483954.d
Inj. Date and Time: 18-MAR-2013 14:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/19/2013

Processing Integration Results

Not Detected

Expected RT: 2.09

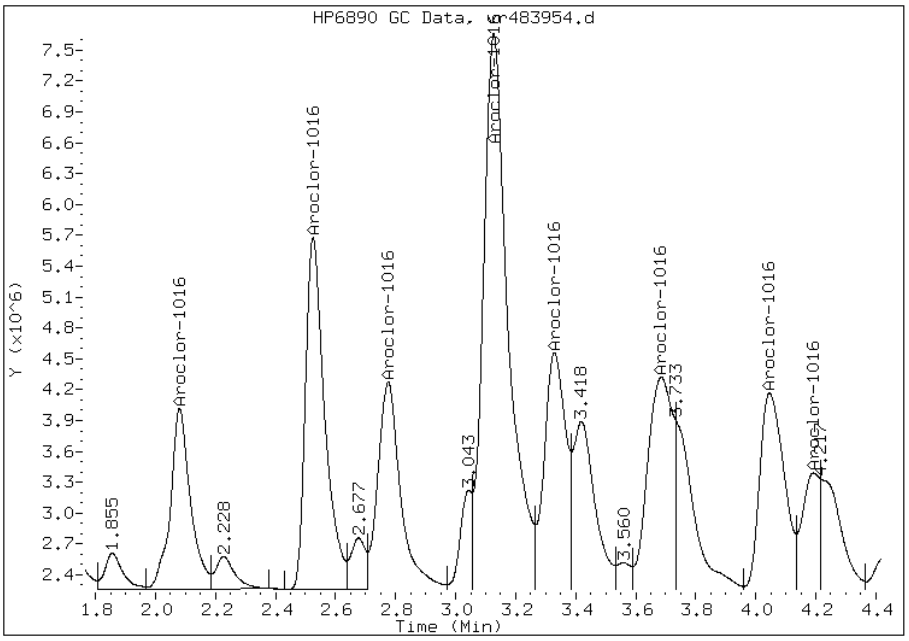
Manual Integration Results

RT: 2.08

Response: 8187901

Amount: 512.84

Conc: 340.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-151921/2-A

Matrix: Water | Lab File ID: of200915.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 03/20/2013 14:11

Sample wt/vol: 1000(mL) | Date Analyzed: 03/21/2013 09:28

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.: 152113 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.42		0.50	0.076
11104-28-2	*Aroclor 1221*	*0.076*	*U*	*0.50*	*0.076*
11141-16-5	*Aroclor 1232*	*0.076*	*U*	*0.50*	*0.076*
53469-21-9	*Aroclor 1242*	*0.076*	*U*	*0.50*	*0.076*
12672-29-6	*Aroclor 1248*	*0.076*	*U*	*0.50*	*0.076*
11097-69-1	*Aroclor 1254*	*0.083*	*U*	*0.50*	*0.083*
11096-82-5	*Aroclor 1260*	*5.21*		*0.50*	*0.083*
37324-23-5	*Aroclor 1262*	*0.083*	*U*	*0.50*	*0.083*
11100-14-4	*Aroclor 1268*	*0.083*	*U*	*0.50*	*0.083*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		10-150

Data File: of200915.d
Report Date: 21-Mar-2013 13:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-21-13/21mar13a.b/of200915.d
Lab Smp Id: LCS 460-151921/2-A
Inj Date : 21-MAR-2013 09:28
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-151921/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar13/03-21-13/21mar13a.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 9 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.122	3.120	0.002	129265	1051.08	5.2	80.00- 120.00	100.00(M)
3.597	3.600	-0.003	271264	1015.65	5.1	168.29- 252.44	209.85
3.888	3.893	-0.005	126894	1073.71	5.4	79.01- 118.51	98.17
4.143	4.147	-0.004	515160	1061.06	5.3	326.24- 489.36	398.53
4.315	4.320	-0.005	229491	1097.18	5.5	141.17- 211.75	177.54
4.617	4.622	-0.005	136752	1042.36	5.2	86.78- 130.17	105.79
4.905	4.912	-0.007	177111	1230.35	6.2	98.17- 147.25	137.01
5.065	5.072	-0.007	180798	1103.09	5.5	117.30- 175.94	139.87
Average of Peak Concentrations =					5.4		
27 Aroclor-1260					CAS #: 11096-82-5		
6.622	6.633	-0.011	330374	988.423	4.9	80.00- 120.00	100.00(M)
6.973	6.983	-0.010	382801	1007.06	5.0	89.87- 134.80	115.87

Data File: of200915.d
Report Date: 21-Mar-2013 13:28

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.672	7.685	-0.013	530660	966.996	4.8	136.22- 204.32	160.62
7.872	7.887	-0.015	295995	1132.35	5.7	63.34- 95.02	89.59
7.997	8.012	-0.015	166274	1097.46	5.5	38.27- 57.41	50.33
8.575	8.590	-0.015	329661	1081.18	5.4	75.97- 113.96	99.78
9.573	9.585	-0.012	393639	1045.40	5.2	90.95- 136.42	119.15
10.207	10.212	-0.005	128933	1021.13	5.1	30.49- 45.74	39.03
		Average of Peak Concentrations =			5.2		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.727	10.727	0.000	336917	91.5991	0.46	80.00- 120.00	100.00

QC Flag Legend

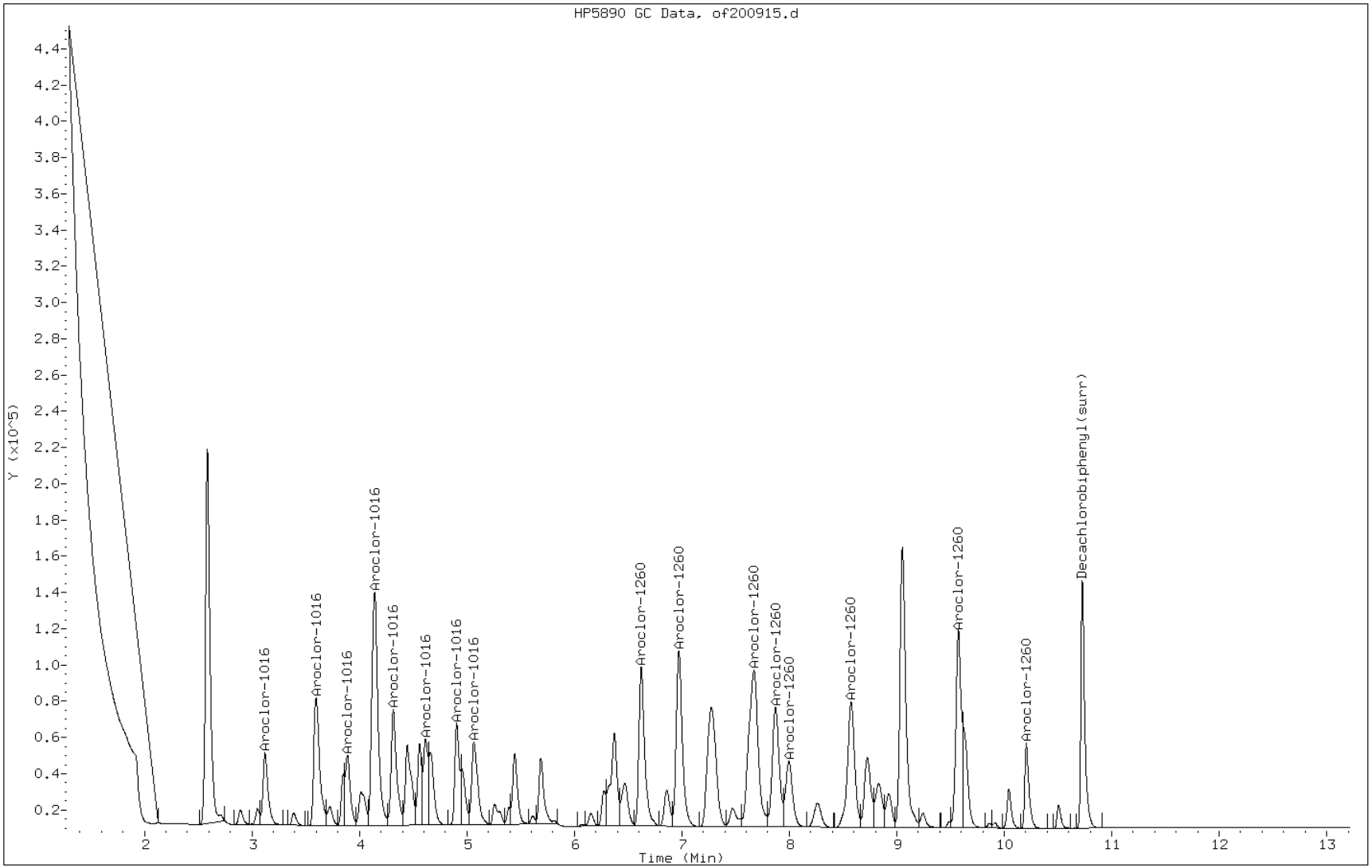
M - Compound response manually integrated.

Data File: of200915.d

Date: 21-MAR-2013 09:28

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-151921/2-A Operator:



Manual Integration Report

Data File: of200915.d
Inj. Date and Time: 21-MAR-2013 09:28
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.12

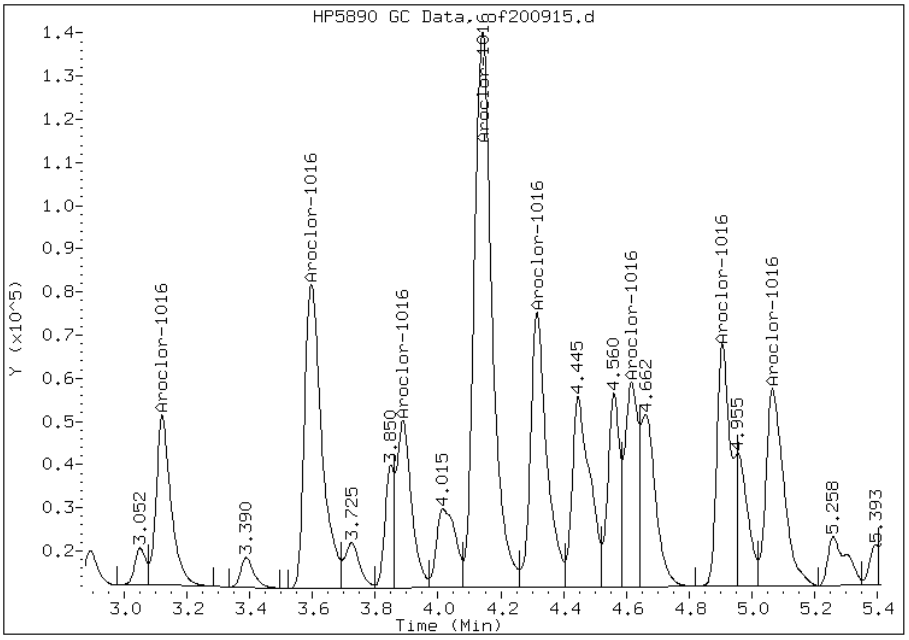
Manual Integration Results

RT: 3.12

Response: 129265

Amount: 1084.31

Conc: 5.40



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of200915.d
Inj. Date and Time: 21-MAR-2013 09:28
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 6.63

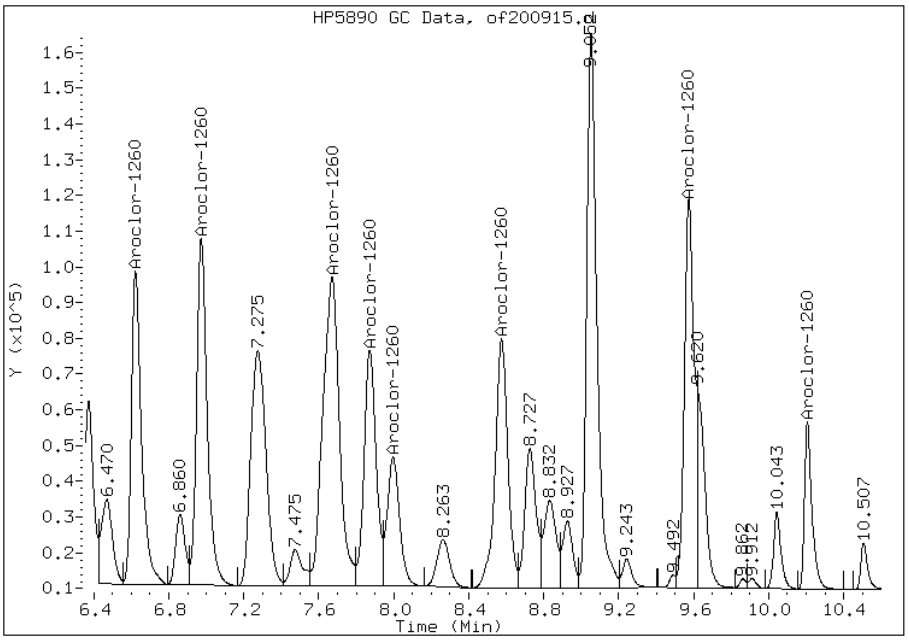
Manual Integration Results

RT: 6.62

Response: 330374

Amount: 1042.50

Conc: 5.20



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151921/2-A

Matrix: Water Lab File ID: or200915.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/20/2013 14:11

Sample wt/vol: 1000(mL) Date Analyzed: 03/21/2013 09:28

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.: 152113 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*5.21*		*0.50*	*0.076*
11104-28-2	Aroclor 1221	0.076	U	0.50	0.076
11141-16-5	Aroclor 1232	0.076	U	0.50	0.076
53469-21-9	Aroclor 1242	0.076	U	0.50	0.076
12672-29-6	Aroclor 1248	0.076	U	0.50	0.076
11097-69-1	Aroclor 1254	0.083	U	0.50	0.083
11096-82-5	Aroclor 1260	5.58		0.50	0.083
37324-23-5	Aroclor 1262	0.083	U	0.50	0.083
11100-14-4	Aroclor 1268	0.083	U	0.50	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		10-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-21-13/21mar13a.b/or200915.d
Lab Smp Id: LCS 460-151921/2-A
Inj Date : 21-MAR-2013 09:28
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-151921/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-21-13/21mar13a.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 9 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.110	2.095	0.015	123480	1009.76	5.0	80.00- 120.00	100.00(M)
2.417	2.405	0.012	214280	1010.24	5.0	133.76- 200.65	173.53
2.597	2.588	0.009	155812	1058.01	5.3	101.16- 151.73	126.18
2.850	2.840	0.010	465947	1050.85	5.2	301.04- 451.56	377.35
2.988	2.978	0.010	180943	1061.32	5.3	113.52- 170.27	146.54
3.190	3.185	0.005	221042			120.64- 180.95	179.01
3.410	3.403	0.007	182915	1024.13	5.1	119.71- 179.56	148.13
3.505	3.497	0.008	86322	1077.04	5.4	63.47- 95.20	69.91
Average of Peak Concentrations =					5.2		
27 Aroclor-1260					CAS #: 11096-82-5		
4.790	4.790	0.000	269298	1034.77	5.2	80.00- 120.00	100.00(M)
5.128	5.128	0.000	474897	1029.47	5.1	143.38- 215.07	176.35

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.468	5.470	-0.002	434072	996.771	5.0	142.45- 213.67	161.19
5.610	5.613	-0.003	243385	1173.99	5.9	65.53- 98.29	90.38
5.912	5.917	-0.005	254736	1101.55	5.5	71.19- 106.79	94.59
6.763	6.767	-0.004	288601	1039.25	5.2	96.98- 145.47	107.17
6.902	6.908	-0.006	199436	1310.62	6.6	51.68- 77.52	74.06
7.988	7.995	-0.007	175062	1241.97	6.2	48.29- 72.43	65.01
		Average of Peak Concentrations =			5.6		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.998	9.005	-0.007	525097	100.446	0.50	80.00- 120.00	100.00

QC Flag Legend

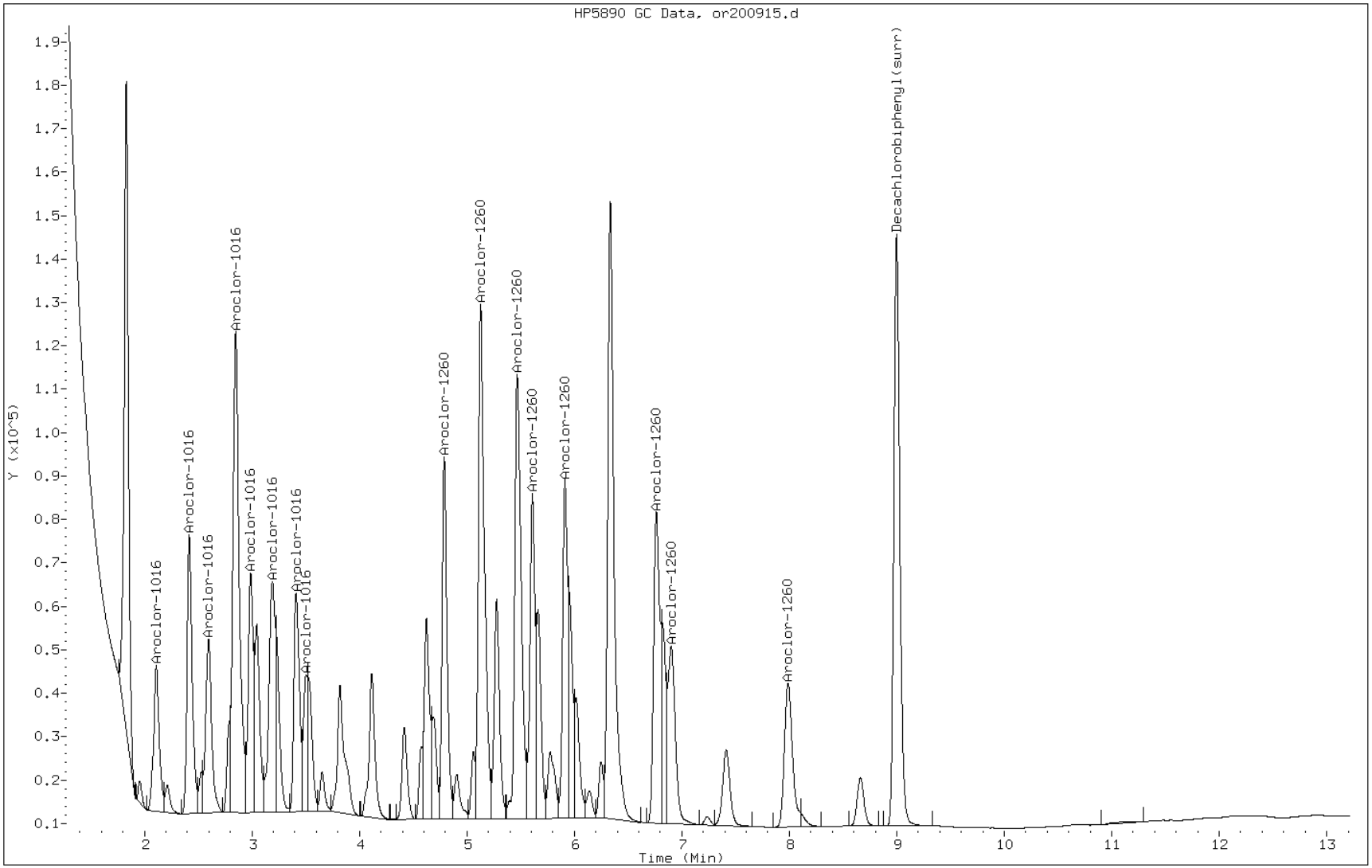
M - Compound response manually integrated.

Data File: or200915.d

Date: 21-MAR-2013 09:28

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-151921/2-A Operator:



Manual Integration Report

Data File: or200915.d
Inj. Date and Time: 21-MAR-2013 09:28
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 2.10

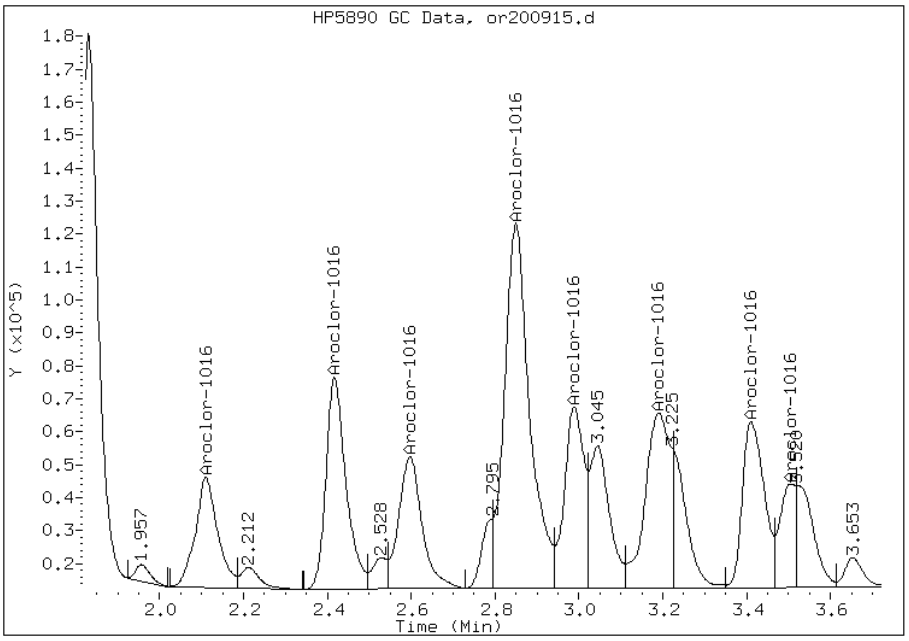
Manual Integration Results

RT: 2.11

Response: 123480

Amount: 1041.62

Conc: 5.20



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or200915.d
Inj. Date and Time: 21-MAR-2013 09:28
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 4.79

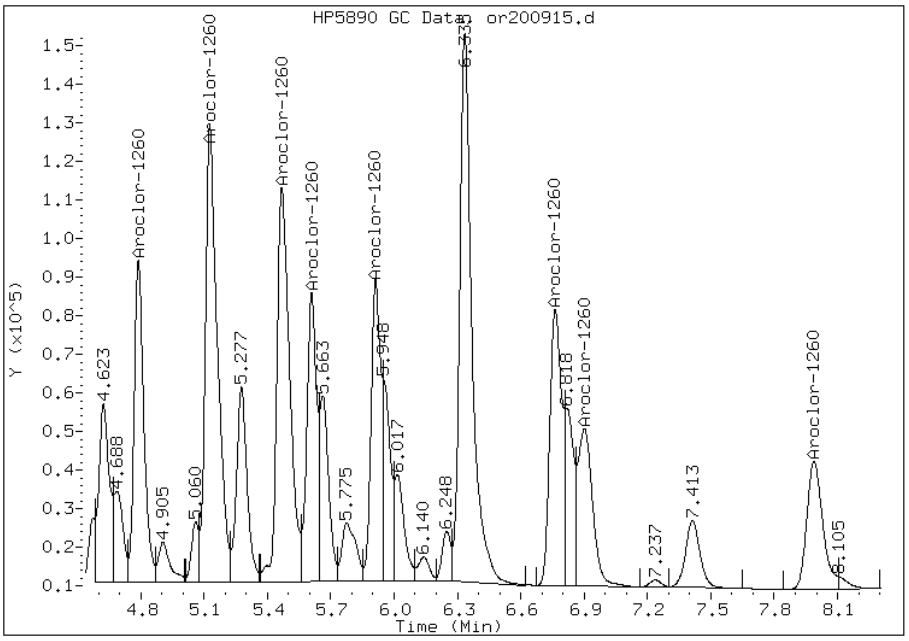
Manual Integration Results

RT: 4.79

Response: 269298

Amount: 1116.05

Conc: 5.60



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-151921/3-A

Matrix: Water | Lab File ID: of200914.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 03/20/2013 14:11

Sample wt/vol: 1000(mL) | Date Analyzed: 03/21/2013 09:12

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.: 152113 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.52		0.50	0.076
11104-28-2	*Aroclor 1221*	*0.076*	*U*	*0.50*	*0.076*
11141-16-5	*Aroclor 1232*	*0.076*	*U*	*0.50*	*0.076*
53469-21-9	*Aroclor 1242*	*0.076*	*U*	*0.50*	*0.076*
12672-29-6	*Aroclor 1248*	*0.076*	*U*	*0.50*	*0.076*
11097-69-1	*Aroclor 1254*	*0.083*	*U*	*0.50*	*0.083*
11096-82-5	*Aroclor 1260*	*5.45*		*0.50*	*0.083*
37324-23-5	*Aroclor 1262*	*0.083*	*U*	*0.50*	*0.083*
11100-14-4	*Aroclor 1268*	*0.083*	*U*	*0.50*	*0.083*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		10-150

Data File: of200914.d
Report Date: 21-Mar-2013 13:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar13/03-21-13/21mar13a.b/of200914.d
Lab Smp Id: LCSD 460-151921/3-A
Inj Date : 21-MAR-2013 09:12
Operator : Inst ID: PESTGC7.i
Smp Info : LCSD 460-151921/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar13/03-21-13/21mar13a.b/08Of8082.m
Meth Date : 11-Mar-2013 07:44 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: of200309.d
Als bottle: 8 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.123	3.120	0.003	130274	1059.29	5.3	80.00- 120.00	100.00(M)
3.598	3.600	-0.002	277744	1039.91	5.2	168.29- 252.44	213.20
3.892	3.893	-0.001	132464	1120.84	5.6	79.01- 118.51	101.68
4.145	4.147	-0.002	524849	1081.01	5.4	326.24- 489.36	402.88
4.317	4.320	-0.003	235984	1128.22	5.6	141.17- 211.75	181.14
4.618	4.622	-0.004	144526	1101.61	5.5	86.78- 130.17	110.94
4.907	4.912	-0.005	160741	1116.63	5.6	98.17- 147.25	123.39
5.067	5.072	-0.005	194913	1189.21	5.9	117.30- 175.94	149.62
Average of Peak Concentrations =					5.5		
27 Aroclor-1260					CAS #: 11096-82-5		
6.623	6.633	-0.010	344984	1032.13	5.2	80.00- 120.00	100.00(M)
6.975	6.983	-0.008	396299	1042.57	5.2	89.87- 134.80	114.87

Data File: of200914.d
Report Date: 21-Mar-2013 13:28

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.673	7.685	-0.012	548472	999.454	5.0	136.22- 204.32	158.98
7.875	7.887	-0.012	309912	1185.59	5.9	63.34- 95.02	89.83
7.998	8.012	-0.014	175179	1156.24	5.8	38.27- 57.41	50.78
8.577	8.590	-0.013	344253	1129.04	5.6	75.97- 113.96	99.79
9.575	9.585	-0.010	411626	1093.17	5.5	90.95- 136.42	119.32
10.208	10.212	-0.004	136291	1079.41	5.4	30.49- 45.74	39.51
		Average of Peak Concentrations =			5.4		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.730	10.727	0.003	315917	85.8898	0.43	80.00- 120.00	100.00

QC Flag Legend

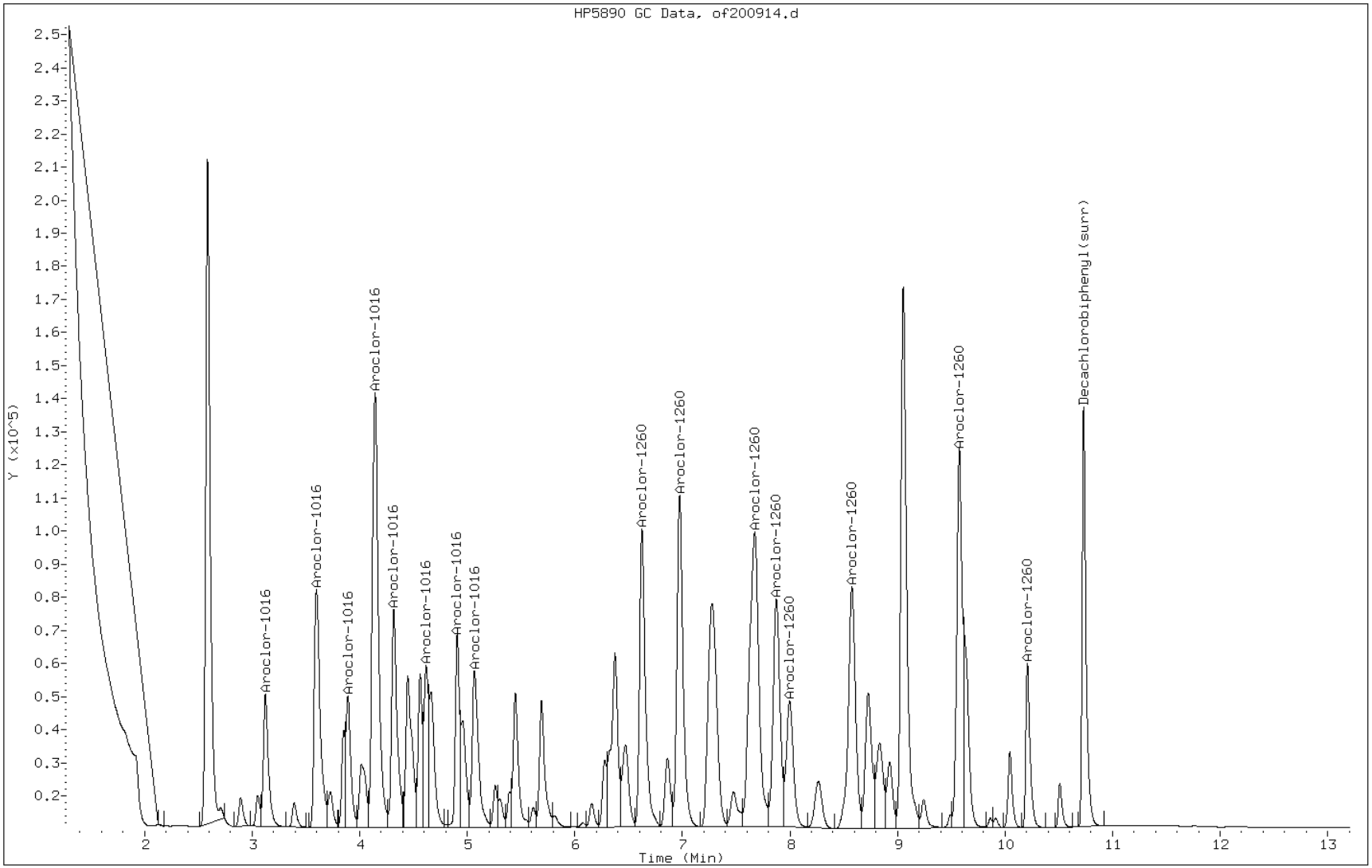
M - Compound response manually integrated.

Data File: of200914.d

Date: 21-MAR-2013 09:12

Client ID: Instrument: PESTGC7.i

Sample Info: LCSD 460-151921/3-A Operator:



Manual Integration Report

Data File: of200914.d
Inj. Date and Time: 21-MAR-2013 09:12
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.12

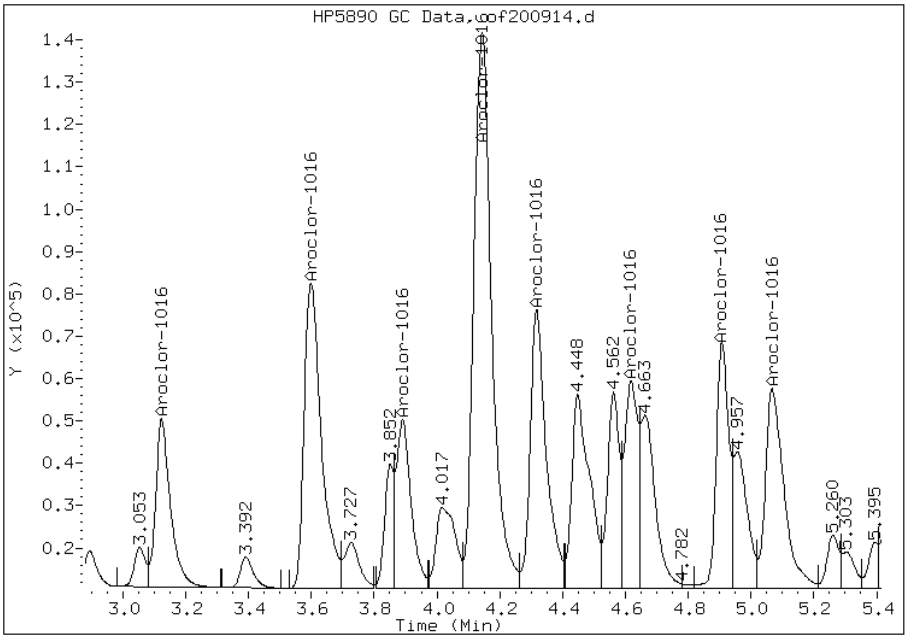
Manual Integration Results

RT: 3.12

Response: 130274

Amount: 1104.59

Conc: 5.50



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of200914.d
Inj. Date and Time: 21-MAR-2013 09:12
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 6.63

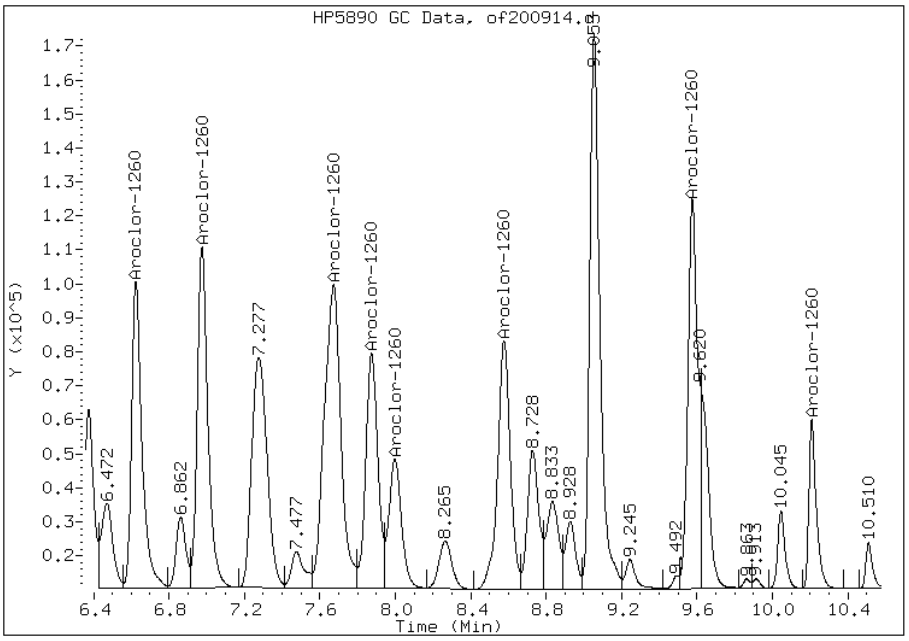
Manual Integration Results

RT: 6.62

Response: 344984

Amount: 1089.70

Conc: 5.40



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-151921/3-A

Matrix: Water Lab File ID: or200914.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/20/2013 14:11

Sample wt/vol: 1000(mL) Date Analyzed: 03/21/2013 09:12

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.: 152113 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*5.19*		*0.50*	*0.076*
11104-28-2	Aroclor 1221	0.076	U	0.50	0.076
11141-16-5	Aroclor 1232	0.076	U	0.50	0.076
53469-21-9	Aroclor 1242	0.076	U	0.50	0.076
12672-29-6	Aroclor 1248	0.076	U	0.50	0.076
11097-69-1	Aroclor 1254	0.083	U	0.50	0.083
11096-82-5	Aroclor 1260	5.80		0.50	0.083
37324-23-5	Aroclor 1262	0.083	U	0.50	0.083
11100-14-4	Aroclor 1268	0.083	U	0.50	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		10-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar13/03-21-13/21mar13a.b/or200914.d
Lab Smp Id: LCSD 460-151921/3-A
Inj Date : 21-MAR-2013 09:12
Operator : Inst ID: PESTGC7.i
Smp Info : LCSD 460-151921/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar13/03-21-13/21mar13a.b/08Or8082.m
Meth Date : 11-Mar-2013 07:41 sita Quant Type: ESTD
Cal Date : 08-MAR-2013 18:49 Cal File: or200309.d
Als bottle: 8 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.105	2.095	0.010	121682	995.060	5.0	80.00- 120.00	100.00(M)
2.412	2.405	0.007	214893	1013.13	5.1	133.76- 200.65	176.60
2.593	2.588	0.005	155431	1055.42	5.3	101.16- 151.73	127.74
2.845	2.840	0.005	466750	1052.66	5.3	301.04- 451.56	383.58
2.983	2.978	0.005	184399	1081.60	5.4	113.52- 170.27	151.54
3.187	3.185	0.002	231906			120.64- 180.95	190.58
3.407	3.403	0.004	189365	1060.24	5.3	119.71- 179.56	155.62
3.500	3.497	0.003	80853	1008.80	5.0	63.47- 95.20	66.45
Average of Peak Concentrations =					5.2		
27 Aroclor-1260					CAS #: 11096-82-5		
4.787	4.790	-0.003	275549	1058.79	5.3	80.00- 120.00	100.00(M)
5.125	5.128	-0.003	492283	1067.15	5.3	143.38- 215.07	178.66

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.465	5.470	-0.005	444224	1020.08	5.1	142.45- 213.67	161.21
5.608	5.613	-0.005	257827	1243.65	6.2	65.53- 98.29	93.57
5.910	5.917	-0.007	269957	1167.37	5.8	71.19- 106.79	97.97
6.760	6.767	-0.007	298366	1074.41	5.4	96.98- 145.47	108.28
6.900	6.908	-0.008	204559	1344.28	6.7	51.68- 77.52	74.24
7.987	7.995	-0.008	184352	1307.88	6.5	48.29- 72.43	66.90
		Average of Peak Concentrations =			5.8		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.997	9.005	-0.008	484359	92.6530	0.46	80.00- 120.00	100.00

QC Flag Legend

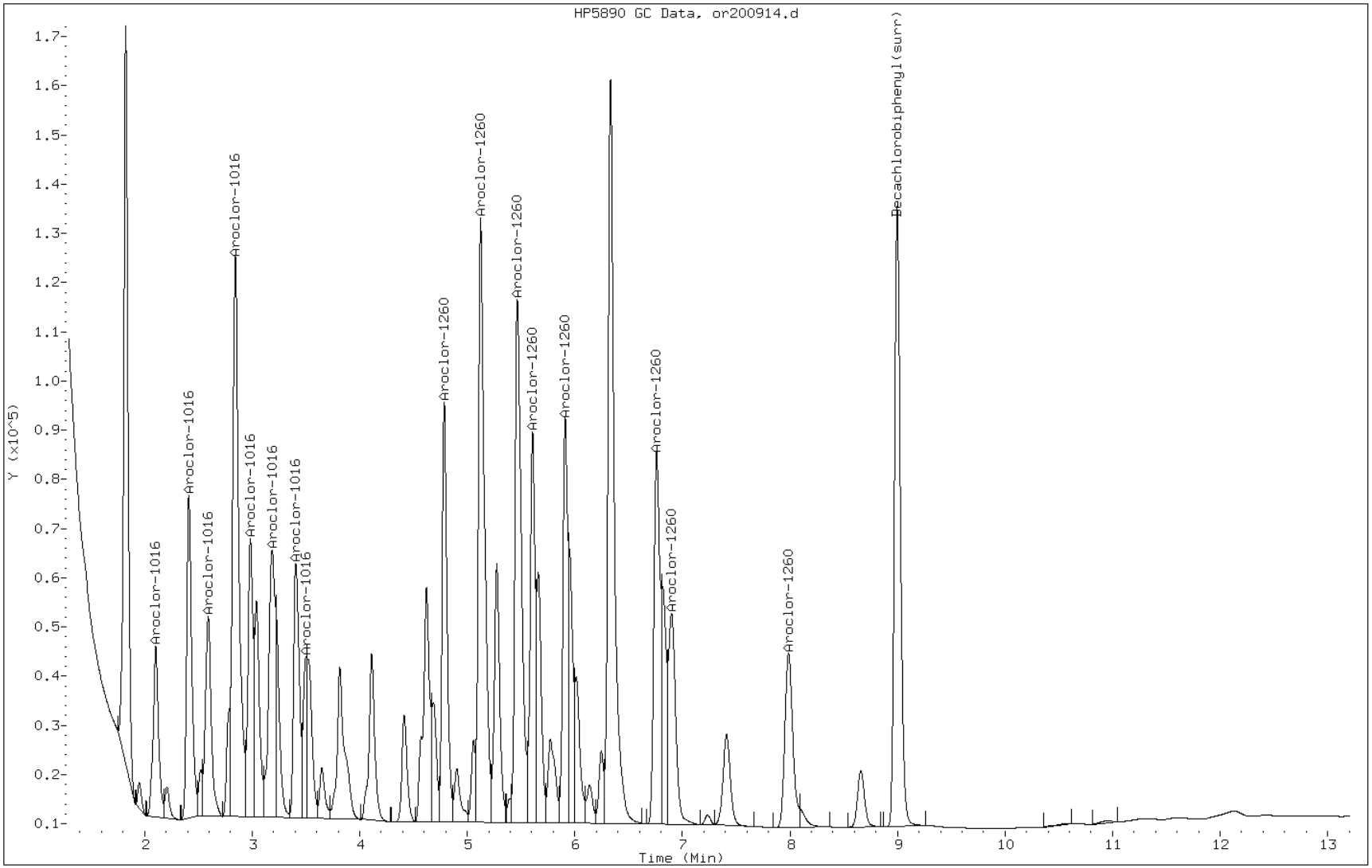
M - Compound response manually integrated.

Data File: or200914.d

Date: 21-MAR-2013 09:12

Client ID: Instrument: PESTGC7.i

Sample Info: LCSD 460-151921/3-A Operator:



Manual Integration Report

Data File: or200914.d
Inj. Date and Time: 21-MAR-2013 09:12
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 2.10

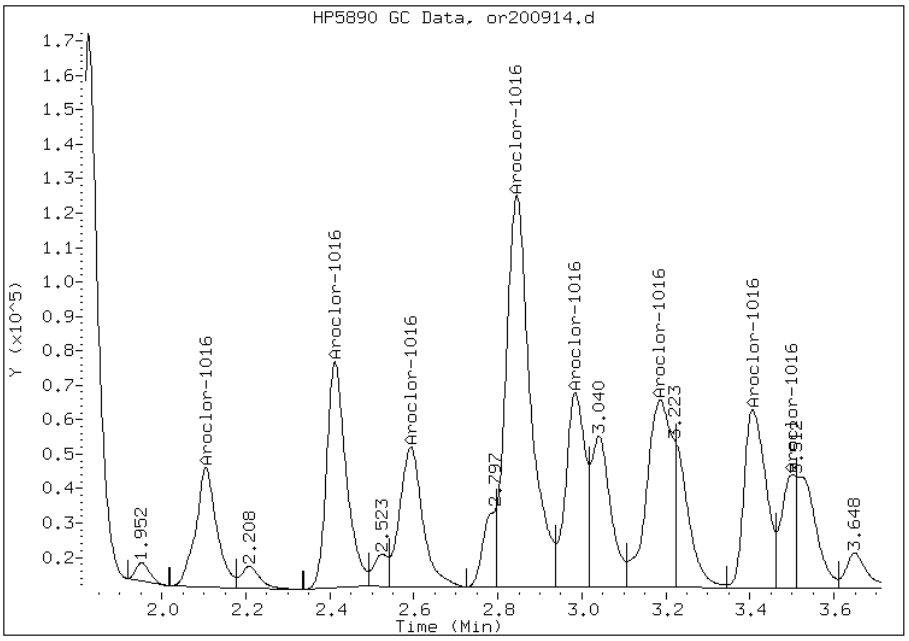
Manual Integration Results

RT: 2.10

Response: 121682

Amount: 1038.13

Conc: 5.20



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or200914.d
Inj. Date and Time: 21-MAR-2013 09:12
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 4.79

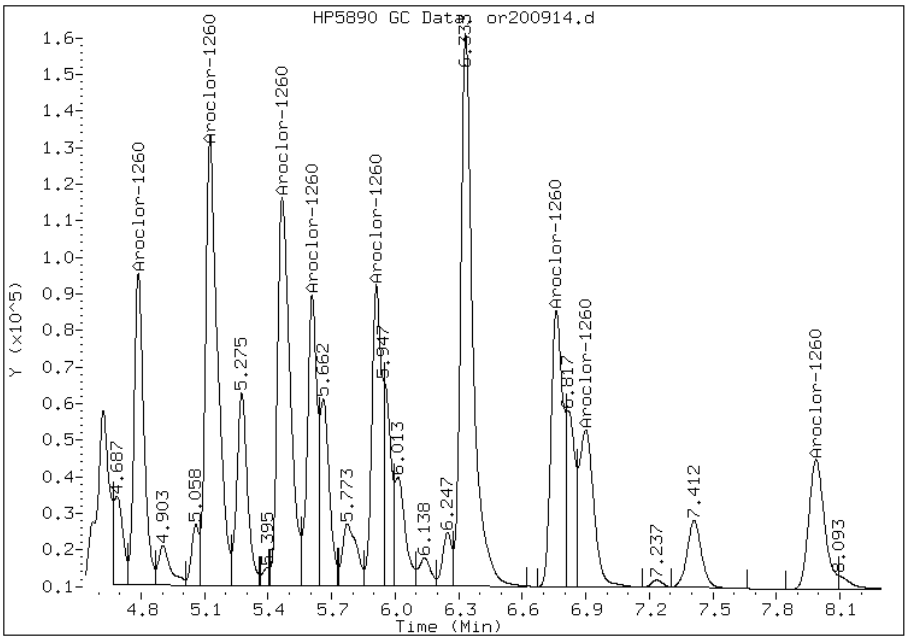
Manual Integration Results

RT: 4.79

Response: 275549

Amount: 1160.45

Conc: 5.80



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS MS | Lab Sample ID: 460-52450-9 MS

Matrix: Solid | Lab File ID: qf093642.d

Analysis Method: 8082 | Date Collected: 03/14/2013 10:50

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.05(g) | Date Analyzed: 03/18/2013 22:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1460		72	16
11104-28-2	*Aroclor 1221*	*16*	*U*	*72*	*16*
11141-16-5	*Aroclor 1232*	*16*	*U*	*72*	*16*
53469-21-9	*Aroclor 1242*	*16*	*U*	*72*	*16*
12672-29-6	*Aroclor 1248*	*16*	*U*	*72*	*16*
11097-69-1	*Aroclor 1254*	*21*	*U*	*72*	*21*
11096-82-5	Aroclor 1260	438		72	21
37324-23-5	*Aroclor 1262*	*21*	*U*	*72*	*21*
11100-14-4	*Aroclor 1268*	*21*	*U*	*72*	*21*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS MS | Lab Sample ID: 460-52450-9 MS

Matrix: Solid | Lab File ID: qr093642.d

Analysis Method: 8082 | Date Collected: 03/14/2013 10:50

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.05(g) | Date Analyzed: 03/18/2013 22:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*1410*		*72*	*16*
11104-28-2	Aroclor 1221	16	U	72	16
11141-16-5	Aroclor 1232	16	U	72	16
53469-21-9	Aroclor 1242	16	U	72	16
12672-29-6	Aroclor 1248	16	U	72	16
11097-69-1	Aroclor 1254	21	U	72	21
11096-82-5	*Aroclor 1260*	*372*		*72*	*21*
37324-23-5	Aroclor 1262	21	U	72	21
11100-14-4	Aroclor 1268	21	U	72	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI MS | Lab Sample ID: 460-52450-29 MS

Matrix: Solid | Lab File ID: vf484006.d

Analysis Method: 8082 | Date Collected: 03/14/2013 15:00

Extraction Method: 3546 | Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 16:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10900		760	170
11104-28-2	*Aroclor 1221*	*170*	*U*	*760*	*170*
11141-16-5	*Aroclor 1232*	*170*	*U*	*760*	*170*
53469-21-9	*Aroclor 1242*	*170*	*U*	*760*	*170*
12672-29-6	*Aroclor 1248*	*170*	*U*	*760*	*170*
11097-69-1	*Aroclor 1254*	*210*	*U*	*760*	*210*
11096-82-5	Aroclor 1260	1210		760	210
37324-23-5	*Aroclor 1262*	*210*	*U*	*760*	*210*
11100-14-4	*Aroclor 1268*	*210*	*U*	*760*	*210*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI MS | Lab Sample ID: 460-52450-29 MS

Matrix: Solid | Lab File ID: vr484006.d

Analysis Method: 8082 | Date Collected: 03/14/2013 15:00

Extraction Method: 3546 | Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.02(g) | Date Analyzed: 03/19/2013 16:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*10700*		*760*	*170*
11104-28-2	Aroclor 1221	170	U	760	170
11141-16-5	Aroclor 1232	170	U	760	170
53469-21-9	Aroclor 1242	170	U	760	170
12672-29-6	Aroclor 1248	170	U	760	170
11097-69-1	Aroclor 1254	210	U	760	210
11096-82-5	*Aroclor 1260*	*886*		*760*	*210*
37324-23-5	Aroclor 1262	210	U	760	210
11100-14-4	Aroclor 1268	210	U	760	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52380-B-1-B MS

Matrix: Solid Lab File ID: of200685.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 10:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151554 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	400		82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	18	U	82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	422		82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52380-B-1-B MS

Matrix: Solid Lab File ID: or200685.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 10:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151554 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	409		82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	18	U	82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	439		82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS MSD Lab Sample ID: 460-52450-9 MSD

Matrix: Solid Lab File ID: qf093643.d

Analysis Method: 8082 Date Collected: 03/14/2013 10:50

Extraction Method: 3546 Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 22:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1620		73	16
11104-28-2	*Aroclor 1221*	*16*	*U*	*73*	*16*
11141-16-5	*Aroclor 1232*	*16*	*U*	*73*	*16*
53469-21-9	*Aroclor 1242*	*16*	*U*	*73*	*16*
12672-29-6	*Aroclor 1248*	*16*	*U*	*73*	*16*
11097-69-1	*Aroclor 1254*	*21*	*U*	*73*	*21*
11096-82-5	Aroclor 1260	446		73	21
37324-23-5	*Aroclor 1262*	*21*	*U*	*73*	*21*
11100-14-4	*Aroclor 1268*	*21*	*U*	*73*	*21*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS MSD | Lab Sample ID: 460-52450-9 MSD

Matrix: Solid | Lab File ID: qr093643.d

Analysis Method: 8082 | Date Collected: 03/14/2013 10:50

Extraction Method: 3546 | Date Extracted: 03/18/2013 08:57

Sample wt/vol: 15.00(g) | Date Analyzed: 03/18/2013 22:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151726 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*1380*		*73*	*16*
11104-28-2	Aroclor 1221	16	U	73	16
11141-16-5	Aroclor 1232	16	U	73	16
53469-21-9	Aroclor 1242	16	U	73	16
12672-29-6	Aroclor 1248	16	U	73	16
11097-69-1	Aroclor 1254	21	U	73	21
11096-82-5	*Aroclor 1260*	*391*		*73*	*21*
37324-23-5	Aroclor 1262	21	U	73	21
11100-14-4	Aroclor 1268	21	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI MSD | Lab Sample ID: 460-52450-29 MSD

Matrix: Solid | Lab File ID: vf484007.d

Analysis Method: 8082 | Date Collected: 03/14/2013 15:00

Extraction Method: 3546 | Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 17:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11100		760	170
11104-28-2	*Aroclor 1221*	*170*	*U*	*760*	*170*
11141-16-5	*Aroclor 1232*	*170*	*U*	*760*	*170*
53469-21-9	*Aroclor 1242*	*170*	*U*	*760*	*170*
12672-29-6	*Aroclor 1248*	*170*	*U*	*760*	*170*
11097-69-1	*Aroclor 1254*	*210*	*U*	*760*	*210*
11096-82-5	Aroclor 1260	1310		760	210
37324-23-5	*Aroclor 1262*	*210*	*U*	*760*	*210*
11100-14-4	*Aroclor 1268*	*210*	*U*	*760*	*210*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI MSD | Lab Sample ID: 460-52450-29 MSD

Matrix: Solid | Lab File ID: vr484007.d

Analysis Method: 8082 | Date Collected: 03/14/2013 15:00

Extraction Method: 3546 | Date Extracted: 03/18/2013 10:32

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 17:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 151721 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*10800*		*760*	*170*
11104-28-2	Aroclor 1221	170	U	760	170
11141-16-5	Aroclor 1232	170	U	760	170
53469-21-9	Aroclor 1242	170	U	760	170
12672-29-6	Aroclor 1248	170	U	760	170
11097-69-1	Aroclor 1254	210	U	760	210
11096-82-5	*Aroclor 1260*	*947*		*760*	*210*
37324-23-5	Aroclor 1262	210	U	760	210
11100-14-4	Aroclor 1268	210	U	760	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52380-B-1-C MSD

Matrix: Solid Lab File ID: of200689.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 11:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151554 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52380-B-1-C MSD

Matrix: Solid Lab File ID: or200689.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 06:36

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 11:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151554 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	419		82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	18	U	82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	457		82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/08/2013 14:58

Analysis Batch Number: 150532 End Date: 03/08/2013 19:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-150532/1		03/08/2013 14:58	1		CLP-2 0.53(mm)
RINSE 460-150532/1		03/08/2013 14:58	1		CLP-1 0.53(mm)
ZZZZZ		03/08/2013 15:14	1		CLP-2 0.53(mm)
ZZZZZ		03/08/2013 15:14	1		CLP-1 0.53(mm)
ZZZZZ		03/08/2013 15:31	1		CLP-2 0.53(mm)
ZZZZZ		03/08/2013 15:31	1		CLP-1 0.53(mm)
IC 460-150532/4		03/08/2013 15:48	1	of200298.d	CLP-2 0.53(mm)
IC 460-150532/4		03/08/2013 15:48	1	or200298.d	CLP-1 0.53(mm)
IC 460-150532/5		03/08/2013 16:04	1	of200299.d	CLP-2 0.53(mm)
IC 460-150532/5		03/08/2013 16:04	1	or200299.d	CLP-1 0.53(mm)
IC 460-150532/6		03/08/2013 16:21	1	of200300.d	CLP-2 0.53(mm)
IC 460-150532/6		03/08/2013 16:21	1	or200300.d	CLP-1 0.53(mm)
IC 460-150532/7		03/08/2013 16:37	1	of200301.d	CLP-2 0.53(mm)
IC 460-150532/7		03/08/2013 16:37	1	or200301.d	CLP-1 0.53(mm)
IC 460-150532/8		03/08/2013 16:54	1	of200302.d	CLP-2 0.53(mm)
IC 460-150532/8		03/08/2013 16:54	1	or200302.d	CLP-1 0.53(mm)
IC 460-150532/9		03/08/2013 17:10	1	of200303.d	CLP-2 0.53(mm)
IC 460-150532/9		03/08/2013 17:10	1	or200303.d	CLP-1 0.53(mm)
IC 460-150532/10		03/08/2013 17:27	1	of200304.d	CLP-2 0.53(mm)
IC 460-150532/10		03/08/2013 17:27	1	or200304.d	CLP-1 0.53(mm)
IC 460-150532/11		03/08/2013 17:43	1	of200305.d	CLP-2 0.53(mm)
IC 460-150532/11		03/08/2013 17:43	1	or200305.d	CLP-1 0.53(mm)
IC 460-150532/12		03/08/2013 17:59	1	of200306.d	CLP-2 0.53(mm)
IC 460-150532/12		03/08/2013 17:59	1	or200306.d	CLP-1 0.53(mm)
IC 460-150532/13		03/08/2013 18:16	1	of200307.d	CLP-2 0.53(mm)
IC 460-150532/13		03/08/2013 18:16	1	or200307.d	CLP-1 0.53(mm)
IC 460-150532/14		03/08/2013 18:32	1	of200308.d	CLP-2 0.53(mm)
IC 460-150532/14		03/08/2013 18:32	1	or200308.d	CLP-1 0.53(mm)
IC 460-150532/15		03/08/2013 18:49	1	of200309.d	CLP-2 0.53(mm)
IC 460-150532/15		03/08/2013 18:49	1	or200309.d	CLP-1 0.53(mm)
ZZZZZ		03/08/2013 19:05	1		CLP-2 0.53(mm)
ZZZZZ		03/08/2013 19:05	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/18/2013 08:17

Analysis Batch Number: 151554 End Date: 03/18/2013 12:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-151554/1		03/18/2013 08:17	1		CLP-2 0.53(mm)
RINSE 460-151554/1		03/18/2013 08:17	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 08:33	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 08:33	1		CLP-1 0.53(mm)
CCVRT 460-151554/3		03/18/2013 08:50	1	of200681.d	CLP-2 0.53(mm)
CCVRT 460-151554/3		03/18/2013 08:50	1	or200681.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 09:29	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 09:29	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 09:46	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 09:46	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 10:02	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 10:02	1		CLP-1 0.53(mm)
460-52380-B-1-B MS		03/18/2013 10:18	1	of200685.d	CLP-2 0.53(mm)
460-52380-B-1-B MS		03/18/2013 10:18	1	or200685.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 10:34	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 10:34	1		CLP-1 0.53(mm)
LCS 460-151458/2-A		03/18/2013 10:50	1	of200687.d	CLP-2 0.53(mm)
LCS 460-151458/2-A		03/18/2013 10:50	1	or200687.d	CLP-1 0.53(mm)
MB 460-151458/1-A		03/18/2013 11:07	1	of200688.d	CLP-2 0.53(mm)
MB 460-151458/1-A		03/18/2013 11:07	1	or200688.d	CLP-1 0.53(mm)
460-52380-B-1-C MSD		03/18/2013 11:46	1	of200689.d	CLP-2 0.53(mm)
460-52380-B-1-C MSD		03/18/2013 11:46	1	or200689.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 12:03	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 12:03	1		CLP-1 0.53(mm)
CCV 460-151554/13		03/18/2013 12:19	1	of200691.d	CLP-2 0.53(mm)
CCV 460-151554/13		03/18/2013 12:19	1	or200691.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/18/2013 13:43

Analysis Batch Number: 151607 End Date: 03/18/2013 19:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/18/2013 13:43	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 13:43	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 13:43	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 13:43	1		CLP-1 0.53(mm)
CCV 460-151607/3		03/18/2013 13:59	1	of200696.d	CLP-2 0.53(mm)
CCV 460-151607/3		03/18/2013 13:59	1	or200696.d	CLP-1 0.53(mm)
460-52450-1	PMP-21-NE-VD	03/18/2013 14:27	1	of200697.d	CLP-2 0.53(mm)
460-52450-1	PMP-21-NE-VD	03/18/2013 14:27	1	or200697.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 14:42	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 14:42	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 14:58	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 14:58	1		CLP-1 0.53(mm)
460-52450-4	PMP-23-NE-VS	03/18/2013 15:15	1	of200700.d	CLP-2 0.53(mm)
460-52450-4	PMP-23-NE-VS	03/18/2013 15:15	1	or200700.d	CLP-1 0.53(mm)
460-52450-5	PMP-14-NE VS	03/18/2013 15:31	1	of200701.d	CLP-2 0.53(mm)
460-52450-5	PMP-14-NE VS	03/18/2013 15:31	1	or200701.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 15:48	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 15:48	1		CLP-1 0.53(mm)
460-52450-7	PMP-8-NE-VD	03/18/2013 16:04	1	of200703.d	CLP-2 0.53(mm)
460-52450-7	PMP-8-NE-VD	03/18/2013 16:04	1	or200703.d	CLP-1 0.53(mm)
460-52450-8	PMP-8-NE-WT	03/18/2013 16:21	1	of200704.d	CLP-2 0.53(mm)
460-52450-8	PMP-8-NE-WT	03/18/2013 16:21	1	or200704.d	CLP-1 0.53(mm)
460-52450-41	PMP-28-NE-VD	03/18/2013 16:38	1	of200705.d	CLP-2 0.53(mm)
460-52450-41	PMP-28-NE-VD	03/18/2013 16:38	1	or200705.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 16:54	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 16:54	1		CLP-1 0.53(mm)
460-52450-43	PMP-28-NE-SI	03/18/2013 17:10	1	of200707.d	CLP-2 0.53(mm)
460-52450-43	PMP-28-NE-SI	03/18/2013 17:10	1	or200707.d	CLP-1 0.53(mm)
460-52450-44	PMP-28-NE-SD	03/18/2013 17:27	1	of200708.d	CLP-2 0.53(mm)
460-52450-44	PMP-28-NE-SD	03/18/2013 17:27	1	or200708.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 17:43	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 17:43	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 18:00	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 18:00	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 18:16	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 18:16	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 18:32	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 18:32	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 18:49	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 18:49	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 19:05	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 19:05	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 19:22	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 19:22	1		CLP-1 0.53(mm)
CCV 460-151607/23		03/18/2013 19:39	1	of200716.d	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/18/2013 13:43

Analysis Batch Number: 151607 End Date: 03/18/2013 19:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-151607/23		03/18/2013 19:39	1	or200716.d	CLP-1 0.53(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/21/2013 06:57

Analysis Batch Number: 152113 End Date: 03/21/2013 13:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-152113/1		03/21/2013 06:57	1		CLP-2 0.53(mm)
RINSE 460-152113/1		03/21/2013 06:57	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 07:14	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 07:14	1		CLP-1 0.53(mm)
CCVRT 460-152113/3		03/21/2013 07:31	1	of200909.d	CLP-2 0.53(mm)
CCVRT 460-152113/3		03/21/2013 07:31	1	or200909.d	CLP-1 0.53(mm)
ZZZZZ		03/21/2013 08:06	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 08:06	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 08:22	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 08:22	1		CLP-1 0.53(mm)
460-52450-45	FB_031513	03/21/2013 08:39	1	of200912.d	CLP-2 0.53(mm)
460-52450-45	FB_031513	03/21/2013 08:39	1	or200912.d	CLP-1 0.53(mm)
ZZZZZ		03/21/2013 08:55	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 08:55	1		CLP-1 0.53(mm)
LCSD 460-151921/3-A		03/21/2013 09:12	1	of200914.d	CLP-2 0.53(mm)
LCSD 460-151921/3-A		03/21/2013 09:12	1	or200914.d	CLP-1 0.53(mm)
LCS 460-151921/2-A		03/21/2013 09:28	1	of200915.d	CLP-2 0.53(mm)
LCS 460-151921/2-A		03/21/2013 09:28	1	or200915.d	CLP-1 0.53(mm)
ZZZZZ		03/21/2013 09:44	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 09:44	1		CLP-1 0.53(mm)
MB 460-151921/1-A		03/21/2013 10:00	1	of200917.d	CLP-2 0.53(mm)
MB 460-151921/1-A		03/21/2013 10:00	1	or200917.d	CLP-1 0.53(mm)
ZZZZZ		03/21/2013 10:17	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 10:17	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 10:33	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 10:33	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 10:50	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 10:50	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 11:06	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 11:06	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 11:23	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 11:23	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 11:40	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 11:40	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 11:56	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 11:56	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 12:12	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 12:12	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 12:29	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 12:29	1		CLP-1 0.53(mm)
ZZZZZ		03/21/2013 12:46	1		CLP-2 0.53(mm)
ZZZZZ		03/21/2013 12:46	1		CLP-1 0.53(mm)
CCV 460-152113/22		03/21/2013 13:02	1	of200928.d	CLP-2 0.53(mm)
CCV 460-152113/22		03/21/2013 13:02	1	or200928.d	CLP-1 0.53(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/18/2013 12:37

Analysis Batch Number: 151651 End Date: 03/18/2013 20:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/18/2013 12:37	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 12:37	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 13:32	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 13:32	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 13:48	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 13:48	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 14:05	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 14:05	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 15:41	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 15:41	1		CLP-1 0.53(mm)
RINSE 460-151651/6		03/18/2013 16:44	1		CLP-2 0.53(mm)
RINSE 460-151651/6		03/18/2013 16:44	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 17:00	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 17:00	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 17:17	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 17:17	1		CLP-1 0.53(mm)
IC 460-151651/9		03/18/2013 17:32	1	qf093625.d	CLP-2 0.53(mm)
IC 460-151651/9		03/18/2013 17:32	1	qr093625.d	CLP-1 0.53(mm)
IC 460-151651/10		03/18/2013 17:47	1	qf093626.d	CLP-2 0.53(mm)
IC 460-151651/10		03/18/2013 17:47	1	qr093626.d	CLP-1 0.53(mm)
IC 460-151651/11		03/18/2013 18:04	1	qf093627.d	CLP-2 0.53(mm)
IC 460-151651/11		03/18/2013 18:04	1	qr093627.d	CLP-1 0.53(mm)
IC 460-151651/12		03/18/2013 18:20	1	qf093628.d	CLP-2 0.53(mm)
IC 460-151651/12		03/18/2013 18:20	1	qr093628.d	CLP-1 0.53(mm)
IC 460-151651/13		03/18/2013 18:37	1	qf093629.d	CLP-2 0.53(mm)
IC 460-151651/13		03/18/2013 18:37	1	qr093629.d	CLP-1 0.53(mm)
IC 460-151651/14		03/18/2013 18:52	1	qf093630.d	CLP-2 0.53(mm)
IC 460-151651/14		03/18/2013 18:52	1	qr093630.d	CLP-1 0.53(mm)
IC 460-151651/15		03/18/2013 19:09	1	qf093631.d	CLP-2 0.53(mm)
IC 460-151651/15		03/18/2013 19:09	1	qr093631.d	CLP-1 0.53(mm)
IC 460-151651/16		03/18/2013 19:25	1	qf093632.d	CLP-2 0.53(mm)
IC 460-151651/16		03/18/2013 19:25	1	qr093632.d	CLP-1 0.53(mm)
IC 460-151651/17		03/18/2013 19:41	1	qf093633.d	CLP-2 0.53(mm)
IC 460-151651/17		03/18/2013 19:41	1	qr093633.d	CLP-1 0.53(mm)
IC 460-151651/18		03/18/2013 19:56	1	qf093634.d	CLP-2 0.53(mm)
IC 460-151651/18		03/18/2013 19:56	1	qr093634.d	CLP-1 0.53(mm)
IC 460-151651/19		03/18/2013 20:11	1	qf093635.d	CLP-2 0.53(mm)
IC 460-151651/19		03/18/2013 20:11	1	qr093635.d	CLP-1 0.53(mm)
IC 460-151651/20		03/18/2013 20:29	1	qf093636.d	CLP-2 0.53(mm)
IC 460-151651/20		03/18/2013 20:29	1	qr093636.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 20:45	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 20:45	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/19/2013 07:21

Analysis Batch Number: 151716 End Date: 03/19/2013 10:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-151716/1		03/19/2013 07:21	1		CLP-2 0.53(mm)
RINSE 460-151716/1		03/19/2013 07:21	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 07:36	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 07:36	1		CLP-1 0.53(mm)
CCVRT 460-151716/3		03/19/2013 07:52	1	qf093670.d	CLP-2 0.53(mm)
CCVRT 460-151716/3		03/19/2013 07:52	1	qr093670.d	CLP-1 0.53(mm)
460-52450-2	PMP-21-NE-WT	03/19/2013 08:25	2	qf093671.d	CLP-2 0.53(mm)
460-52450-2	PMP-21-NE-WT	03/19/2013 08:25	2	qr093671.d	CLP-1 0.53(mm)
460-52450-3	PMP-21-NE-SI	03/19/2013 08:42	2	qf093672.d	CLP-2 0.53(mm)
460-52450-3	PMP-21-NE-SI	03/19/2013 08:42	2	qr093672.d	CLP-1 0.53(mm)
460-52450-6	PMP-8-NE-VS	03/19/2013 08:58	5	qf093673.d	CLP-2 0.53(mm)
460-52450-6	PMP-8-NE-VS	03/19/2013 08:58	5	qr093673.d	CLP-1 0.53(mm)
460-52450-42	PMP-28-NE-WT	03/19/2013 09:14	10	qf093674.d	CLP-2 0.53(mm)
460-52450-42	PMP-28-NE-WT	03/19/2013 09:14	10	qr093674.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 09:30	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 09:30	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 09:47	10		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 09:47	10		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 10:02	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 10:02	1		CLP-1 0.53(mm)
CCV 460-151716/11		03/19/2013 10:20	1	qf093678.d	CLP-2 0.53(mm)
CCV 460-151716/11		03/19/2013 10:20	1	qr093678.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/19/2013 10:02

Analysis Batch Number: 151722 End Date: 03/19/2013 13:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/19/2013 10:02	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 10:02	1		CLP-1 0.53(mm)
CCVRT 460-151722/2		03/19/2013 10:20	1	qf093678.d	CLP-2 0.53(mm)
CCVRT 460-151722/2		03/19/2013 10:20	1	qr093678.d	CLP-1 0.53(mm)
460-52450-11	PMP-22-NE-VS	03/19/2013 10:44	10	qf093679.d	CLP-2 0.53(mm)
460-52450-11	PMP-22-NE-VS	03/19/2013 10:44	10	qr093679.d	CLP-1 0.53(mm)
460-52450-15	PMP-6-NE-WT	03/19/2013 11:01	5	qf093680.d	CLP-2 0.53(mm)
460-52450-15	PMP-6-NE-WT	03/19/2013 11:01	5	qr093680.d	CLP-1 0.53(mm)
460-52450-16	PMP-6-NE-SI	03/19/2013 11:18	5	qf093681.d	CLP-2 0.53(mm)
460-52450-16	PMP-6-NE-SI	03/19/2013 11:18	5	qr093681.d	CLP-1 0.53(mm)
460-52450-18	PMP-5-NE-WT	03/19/2013 11:35	20	qf093682.d	CLP-2 0.53(mm)
460-52450-18	PMP-5-NE-WT	03/19/2013 11:35	20	qr093682.d	CLP-1 0.53(mm)
460-52450-19	PMP-5-NE-SI	03/19/2013 11:52	5	qf093683.d	CLP-2 0.53(mm)
460-52450-19	PMP-5-NE-SI	03/19/2013 11:52	5	qr093683.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 12:09	20		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 12:09	20		CLP-1 0.53(mm)
460-52450-21	PMP-7-NE-WT	03/19/2013 12:26	100	qf093685.d	CLP-2 0.53(mm)
460-52450-21	PMP-7-NE-WT	03/19/2013 12:26	100	qr093685.d	CLP-1 0.53(mm)
460-52450-22	PMP-7-NE-SI	03/19/2013 12:44	50	qf093686.d	CLP-2 0.53(mm)
460-52450-22	PMP-7-NE-SI	03/19/2013 12:44	50	qr093686.d	CLP-1 0.53(mm)
460-52450-28	PMP-9-NE-WT	03/19/2013 13:01	50	qf093687.d	CLP-2 0.53(mm)
460-52450-28	PMP-9-NE-WT	03/19/2013 13:01	50	qr093687.d	CLP-1 0.53(mm)
460-52450-20	PMP-7-NE-VD	03/19/2013 13:22	50	qf093688.d	CLP-2 0.53(mm)
460-52450-20	PMP-7-NE-VD	03/19/2013 13:22	50	qr093688.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 13:37	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 13:37	1		CLP-1 0.53(mm)
CCV 460-151722/14		03/19/2013 13:54	1	qf093690.d	CLP-2 0.53(mm)
CCV 460-151722/14		03/19/2013 13:54	1	qr093690.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/18/2013 21:02

Analysis Batch Number: 151726 End Date: 03/19/2013 05:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/18/2013 21:02	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 21:02	1		CLP-1 0.53(mm)
CCVRT 460-151726/2		03/18/2013 21:18	1	qf093639.d	CLP-2 0.53(mm)
CCVRT 460-151726/2		03/18/2013 21:18	1	qr093639.d	CLP-1 0.53(mm)
MB 460-151512/1-A		03/18/2013 21:35	1	qf093640.d	CLP-2 0.53(mm)
MB 460-151512/1-A		03/18/2013 21:35	1	qr093640.d	CLP-1 0.53(mm)
LCS 460-151512/2-A		03/18/2013 21:54	1	qf093641.d	CLP-2 0.53(mm)
LCS 460-151512/2-A		03/18/2013 21:54	1	qr093641.d	CLP-1 0.53(mm)
460-52450-9 MS	PMP-4-NE-VS MS	03/18/2013 22:10	1	qf093642.d	CLP-2 0.53(mm)
460-52450-9 MS	PMP-4-NE-VS MS	03/18/2013 22:10	1	qr093642.d	CLP-1 0.53(mm)
460-52450-9 MSD	PMP-4-NE-VS MSD	03/18/2013 22:27	1	qf093643.d	CLP-2 0.53(mm)
460-52450-9 MSD	PMP-4-NE-VS MSD	03/18/2013 22:27	1	qr093643.d	CLP-1 0.53(mm)
460-52450-9	PMP-4-NE-VS	03/18/2013 22:44	1	qf093644.d	CLP-2 0.53(mm)
460-52450-9	PMP-4-NE-VS	03/18/2013 22:44	1	qr093644.d	CLP-1 0.53(mm)
460-52450-10	PMP-4-NE-VD	03/18/2013 23:01	1	qf093645.d	CLP-2 0.53(mm)
460-52450-10	PMP-4-NE-VD	03/18/2013 23:01	1	qr093645.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 23:18	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 23:18	1		CLP-1 0.53(mm)
460-52450-12	PMP-22-NE-VD	03/18/2013 23:35	1	qf093647.d	CLP-2 0.53(mm)
460-52450-12	PMP-22-NE-VD	03/18/2013 23:35	1	qr093647.d	CLP-1 0.53(mm)
460-52450-13	PMP-22-NE-WT	03/18/2013 23:52	1	qf093648.d	CLP-2 0.53(mm)
460-52450-13	PMP-22-NE-WT	03/18/2013 23:52	1	qr093648.d	CLP-1 0.53(mm)
460-52450-14	PMP-6-NE-VD	03/19/2013 00:09	1	qf093649.d	CLP-2 0.53(mm)
460-52450-14	PMP-6-NE-VD	03/19/2013 00:09	1	qr093649.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 00:25	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 00:25	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 00:42	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 00:42	1		CLP-1 0.53(mm)
460-52450-17	PMP-5-NE-VD	03/19/2013 00:59	1	qf093652.d	CLP-2 0.53(mm)
460-52450-17	PMP-5-NE-VD	03/19/2013 00:59	1	qr093652.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 01:16	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 01:16	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 01:33	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 01:33	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 01:50	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 01:50	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 02:05	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 02:05	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 02:22	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 02:22	1		CLP-1 0.53(mm)
460-52450-23	PMP-10-NE-VD	03/19/2013 02:40	1	qf093658.d	CLP-2 0.53(mm)
460-52450-23	PMP-10-NE-VD	03/19/2013 02:40	1	qr093658.d	CLP-1 0.53(mm)
460-52450-24	PMP-10-NE-WT	03/19/2013 02:57	1	qf093659.d	CLP-2 0.53(mm)
460-52450-24	PMP-10-NE-WT	03/19/2013 02:57	1	qr093659.d	CLP-1 0.53(mm)
460-52450-25	PMP-10-NE-SI	03/19/2013 03:14	1	qf093660.d	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/18/2013 21:02

Analysis Batch Number: 151726 End Date: 03/19/2013 05:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-52450-25	PMP-10-NE-SI	03/19/2013 03:14	1	qr093660.d	CLP-1 0.53(mm)
460-52450-26	PMP-10-NE-SD	03/19/2013 03:31	1	qf093661.d	CLP-2 0.53(mm)
460-52450-26	PMP-10-NE-SD	03/19/2013 03:31	1	qr093661.d	CLP-1 0.53(mm)
460-52450-27	PMP-9-NE-VD	03/19/2013 03:48	1	qf093662.d	CLP-2 0.53(mm)
460-52450-27	PMP-9-NE-VD	03/19/2013 03:48	1	qr093662.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 04:05	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 04:05	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 04:22	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 04:22	1		CLP-1 0.53(mm)
CCV 460-151726/28		03/19/2013 04:39	1	qf093665.d	CLP-2 0.53(mm)
CCV 460-151726/28		03/19/2013 04:39	1	qr093665.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 04:56	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 04:56	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 05:13	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 05:13	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 02/26/2013 09:04

Analysis Batch Number: 148759 End Date: 02/26/2013 13:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/26/2013 09:04	1		CLP-2 0.53(mm)
ZZZZZ		02/26/2013 09:04	1		CLP-1 0.53(mm)
ZZZZZ		02/26/2013 09:41	1		CLP-2 0.53(mm)
ZZZZZ		02/26/2013 09:41	1		CLP-1 0.53(mm)
ZZZZZ		02/26/2013 09:57	1		CLP-2 0.53(mm)
ZZZZZ		02/26/2013 09:57	1		CLP-1 0.53(mm)
RINSE 460-148759/4		02/26/2013 10:13	1		CLP-2 0.53(mm)
RINSE 460-148759/4		02/26/2013 10:13	1		CLP-1 0.53(mm)
ZZZZZ		02/26/2013 10:29	1		CLP-2 0.53(mm)
ZZZZZ		02/26/2013 10:29	1		CLP-1 0.53(mm)
IC 460-148759/6		02/26/2013 10:45	1	vf483712.d	CLP-2 0.53(mm)
IC 460-148759/6		02/26/2013 10:45	1	vr483712.d	CLP-1 0.53(mm)
IC 460-148759/7		02/26/2013 11:02	1	vf483713.d	CLP-2 0.53(mm)
IC 460-148759/7		02/26/2013 11:02	1	vr483713.d	CLP-1 0.53(mm)
IC 460-148759/8		02/26/2013 11:18	1	vf483714.d	CLP-2 0.53(mm)
IC 460-148759/8		02/26/2013 11:18	1	vr483714.d	CLP-1 0.53(mm)
IC 460-148759/9		02/26/2013 11:34	1	vf483715.d	CLP-2 0.53(mm)
IC 460-148759/9		02/26/2013 11:34	1	vr483715.d	CLP-1 0.53(mm)
IC 460-148759/10		02/26/2013 11:50	1	vf483716.d	CLP-2 0.53(mm)
IC 460-148759/10		02/26/2013 11:50	1	vr483716.d	CLP-1 0.53(mm)
ZZZZZ		02/26/2013 12:06	1		CLP-2 0.53(mm)
ZZZZZ		02/26/2013 12:06	1		CLP-1 0.53(mm)
IC 460-148759/12		02/26/2013 12:22	1	vf483718.d	CLP-2 0.53(mm)
IC 460-148759/12		02/26/2013 12:22	1	vr483718.d	CLP-1 0.53(mm)
IC 460-148759/13		02/26/2013 12:39	1	vf483719.d	CLP-2 0.53(mm)
IC 460-148759/13		02/26/2013 12:39	1	vr483719.d	CLP-1 0.53(mm)
IC 460-148759/14		02/26/2013 12:55	1	vf483720.d	CLP-2 0.53(mm)
IC 460-148759/14		02/26/2013 12:55	1	vr483720.d	CLP-1 0.53(mm)
IC 460-148759/15		02/26/2013 13:11	1	vf483721.d	CLP-2 0.53(mm)
IC 460-148759/15		02/26/2013 13:11	1	vr483721.d	CLP-1 0.53(mm)
IC 460-148759/16		02/26/2013 13:27	1	vf483722.d	CLP-2 0.53(mm)
IC 460-148759/16		02/26/2013 13:27	1	vr483722.d	CLP-1 0.53(mm)
IC 460-148759/17		02/26/2013 13:43	1	vf483723.d	CLP-2 0.53(mm)
IC 460-148759/17		02/26/2013 13:43	1	vr483723.d	CLP-1 0.53(mm)
IC 460-148759/18		02/26/2013 13:59	1	vf483724.d	CLP-2 0.53(mm)
IC 460-148759/18		02/26/2013 13:59	1	vr483724.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 03/18/2013 13:42

Analysis Batch Number: 151625 End Date: 03/18/2013 21:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/18/2013 13:42	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 13:42	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 13:42	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 13:42	1		CLP-1 0.53(mm)
CCVRT 460-151625/3		03/18/2013 13:58	1	vf483952.d	CLP-2 0.53(mm)
CCVRT 460-151625/3		03/18/2013 13:58	1	vr483952.d	CLP-1 0.53(mm)
MB 460-151527/1-A		03/18/2013 14:27	1	vf483953.d	CLP-2 0.53(mm)
MB 460-151527/1-A		03/18/2013 14:27	1	vr483953.d	CLP-1 0.53(mm)
LCS 460-151527/2-A		03/18/2013 14:43	1	vf483954.d	CLP-2 0.53(mm)
LCS 460-151527/2-A		03/18/2013 14:43	1	vr483954.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 15:00	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 15:00	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 15:16	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 15:16	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 15:32	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 15:32	1		CLP-1 0.53(mm)
460-52450-30	PMP-13-NE-VD	03/18/2013 15:48	1	vf483958.d	CLP-2 0.53(mm)
460-52450-30	PMP-13-NE-VD	03/18/2013 15:48	1	vr483958.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 16:04	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 16:04	1		CLP-1 0.53(mm)
460-52450-32	PMP-13-NE-SI	03/18/2013 16:20	1	vf483960.d	CLP-2 0.53(mm)
460-52450-32	PMP-13-NE-SI	03/18/2013 16:20	1	vr483960.d	CLP-1 0.53(mm)
460-52450-33	PMP-13-NE-SD	03/18/2013 16:36	1	vf483961.d	CLP-2 0.53(mm)
460-52450-33	PMP-13-NE-SD	03/18/2013 16:36	1	vr483961.d	CLP-1 0.53(mm)
460-52450-34	PMP-16-NE-VD	03/18/2013 16:52	1	vf483962.d	CLP-2 0.53(mm)
460-52450-34	PMP-16-NE-VD	03/18/2013 16:52	1	vr483962.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 17:08	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 17:08	1		CLP-1 0.53(mm)
460-52450-36	PMP-16-NE-SI	03/18/2013 17:24	1	vf483964.d	CLP-2 0.53(mm)
460-52450-36	PMP-16-NE-SI	03/18/2013 17:24	1	vr483964.d	CLP-1 0.53(mm)
460-52450-37	PMP-15-NE-VD	03/18/2013 17:40	1	vf483965.d	CLP-2 0.53(mm)
460-52450-37	PMP-15-NE-VD	03/18/2013 17:40	1	vr483965.d	CLP-1 0.53(mm)
460-52450-38	PMP-15-NE-WT	03/18/2013 17:56	1	vf483966.d	CLP-2 0.53(mm)
460-52450-38	PMP-15-NE-WT	03/18/2013 17:56	1	vr483966.d	CLP-1 0.53(mm)
460-52450-39	PMP-15-NE-SI	03/18/2013 18:12	1	vf483967.d	CLP-2 0.53(mm)
460-52450-39	PMP-15-NE-SI	03/18/2013 18:12	1	vr483967.d	CLP-1 0.53(mm)
ZZZZZ		03/18/2013 18:29	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 18:29	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 18:45	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 18:45	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 19:01	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 19:01	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 19:17	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 19:17	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 19:33	1		CLP-2 0.53(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 03/18/2013 13:42

Analysis Batch Number: 151625 End Date: 03/18/2013 21:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/18/2013 19:33	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 19:49	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 20:05	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 20:05	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 20:21	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 20:21	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 20:37	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 20:37	1		CLP-1 0.53(mm)
ZZZZZ		03/18/2013 20:53	1		CLP-2 0.53(mm)
ZZZZZ		03/18/2013 20:53	1		CLP-1 0.53(mm)
CCV 460-151625/28		03/18/2013 21:09	1	vf483978.d	CLP-2 0.53(mm)
CCV 460-151625/28		03/18/2013 21:09	1	vr483978.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 03/19/2013 16:12

Analysis Batch Number: 151721 End Date: 03/19/2013 20:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/19/2013 16:12	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 16:12	1		CLP-1 0.53(mm)
CCVRT 460-151721/2		03/19/2013 16:28	1	vf484005.d	CLP-2 0.53(mm)
CCVRT 460-151721/2		03/19/2013 16:28	1	vr484005.d	CLP-1 0.53(mm)
460-52450-29 MS	PMP-9-NE-SI MS	03/19/2013 16:44	10	vf484006.d	CLP-2 0.53(mm)
460-52450-29 MS	PMP-9-NE-SI MS	03/19/2013 16:44	10	vr484006.d	CLP-1 0.53(mm)
460-52450-29 MSD	PMP-9-NE-SI MSD	03/19/2013 17:00	10	vf484007.d	CLP-2 0.53(mm)
460-52450-29 MSD	PMP-9-NE-SI MSD	03/19/2013 17:00	10	vr484007.d	CLP-1 0.53(mm)
460-52450-29	PMP-9-NE-SI	03/19/2013 17:16	10	vf484008.d	CLP-2 0.53(mm)
460-52450-29	PMP-9-NE-SI	03/19/2013 17:16	10	vr484008.d	CLP-1 0.53(mm)
460-52450-31	PMP-13-NE-WT	03/19/2013 17:32	50	vf484009.d	CLP-2 0.53(mm)
460-52450-31	PMP-13-NE-WT	03/19/2013 17:32	50	vr484009.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 17:48	10		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 17:48	10		CLP-1 0.53(mm)
460-52450-40	PMP-15-NE-SD	03/19/2013 18:05	20	vf484011.d	CLP-2 0.53(mm)
460-52450-40	PMP-15-NE-SD	03/19/2013 18:05	20	vr484011.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 18:21	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 18:21	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 18:37	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 18:37	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 18:53	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 18:53	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 19:09	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 19:09	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 19:25	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 19:25	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 19:41	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 19:41	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 19:57	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 19:57	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 20:13	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 20:13	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 20:29	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 20:29	1		CLP-1 0.53(mm)
CCV 460-151721/18		03/19/2013 20:46	1	vf484021.d	CLP-2 0.53(mm)
CCV 460-151721/18		03/19/2013 20:46	1	vr484021.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 03/19/2013 12:08

Analysis Batch Number: 151867 End Date: 03/19/2013 23:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/19/2013 12:08	500		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 12:08	500		CLP-1 0.53(mm)
460-52450-35	PMP-16-NE-WT	03/19/2013 12:24	20	vf484031.d	CLP-2 0.53(mm)
460-52450-35	PMP-16-NE-WT	03/19/2013 12:24	20	vr484031.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 12:40	20		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 12:40	20		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 12:56	5		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 12:56	5		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 13:12	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 13:12	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 13:28	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 13:28	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 13:44	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 13:44	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 14:09	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 14:09	1		CLP-1 0.53(mm)
CCV 460-151867/17		03/19/2013 14:25	1	vf484038.d	CLP-2 0.53(mm)
CCV 460-151867/17		03/19/2013 14:25	1	vr484038.d	CLP-1 0.53(mm)
RINSE 460-151867/1		03/19/2013 21:47	1		CLP-2 0.53(mm)
RINSE 460-151867/1		03/19/2013 21:47	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 22:03	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 22:03	1		CLP-1 0.53(mm)
CCVRT 460-151867/3		03/19/2013 22:19	1	vf484024.d	CLP-2 0.53(mm)
CCVRT 460-151867/3		03/19/2013 22:19	1	vr484024.d	CLP-1 0.53(mm)
ZZZZZ		03/19/2013 22:47	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 22:47	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 23:03	300		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 23:03	300		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 23:19	300		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 23:19	300		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 23:36	1		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 23:36	1		CLP-1 0.53(mm)
ZZZZZ		03/19/2013 23:52	10		CLP-2 0.53(mm)
ZZZZZ		03/19/2013 23:52	10		CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151458 Batch Start Date: 03/17/13 06:36 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00025	OPPSTPCBSU 00022		
MB 460-151458/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-151458/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-52380-B-1 MS		3546, 8082	T	15.02 g	10 mL	50 uL	50 uL		
460-52380-B-1 MSD		3546, 8082	T	15.01 g	10 mL	50 uL	50 uL		
460-52450-F-1	PMP-21-NE-VD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-52450-F-2	PMP-21-NE-WT	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-3	PMP-21-NE-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-4	PMP-23-NE-VS	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-5	PMP-14-NE VS	3546, 8082	T	15.01 g	10 mL		50 uL		
460-52450-F-6	PMP-8-NE-VS	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-7	PMP-8-NE-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-52450-F-8	PMP-8-NE-WT	3546, 8082	T	15.01 g	10 mL		50 uL		
460-52450-F-41	PMP-28-NE-VD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-52450-F-42	PMP-28-NE-WT	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-43	PMP-28-NE-SI	3546, 8082	T	15.05 g	10 mL		50 uL		
460-52450-F-44	PMP-28-NE-SD	3546, 8082	T	15.00 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151458 Batch Start Date: 03/17/13 06:36 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	36378
Exchange Solvent Name	hexane
Final Concentrator Volume	10ml mL
Sulfuric Acid Lot Number	32783 (sw3665a)
Hexane Lot#	112e10
MeCL2 Lot #	34712
MeCl2/Acetone Lot #	25211
Microwave Start Time	3am
Microwave Stop Time	3:30am
Na2SO4 Lot Number	225301
Person's name who did the prep	archie
TBA Lot #	op548
Water Bath ID	36378
Water Bath Temperature	37.0c (uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151512 Batch Start Date: 03/18/13 08:57 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00025	OPPSTPCBSU 00022		
MB 460-151512/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-151512/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-52450-F-9 MS	PMP-4-NE-VS	3546, 8082	T	15.05 g	10 mL	50 uL	50 uL		
460-52450-F-9 MSD	PMP-4-NE-VS	3546, 8082	T	15.00 g	10 mL	50 uL	50 uL		
460-52450-F-9	PMP-4-NE-VS	3546, 8082	T	15.03 g	10 mL		50 uL		
460-52450-F-10	PMP-4-NE-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-11	PMP-22-NE-VS	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-12	PMP-22-NE-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-13	PMP-22-NE-WT	3546, 8082	T	15.05 g	10 mL		50 uL		
460-52450-F-14	PMP-6-NE-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-52450-F-15	PMP-6-NE-WT	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-16	PMP-6-NE-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-17	PMP-5-NE-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-18	PMP-5-NE-WT	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-19	PMP-5-NE-SI	3546, 8082	T	15.03 g	10 mL		50 uL		
460-52450-F-20	PMP-7-NE-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-21	PMP-7-NE-WT	3546, 8082	T	15.01 g	10 mL		50 uL		
460-52450-F-22	PMP-7-NE-SI	3546, 8082	T	15.05 g	10 mL		50 uL		
460-52450-F-23	PMP-10-NE-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-52450-F-24	PMP-10-NE-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-52450-F-25	PMP-10-NE-SI	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-26	PMP-10-NE-SD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-52450-F-27	PMP-9-NE-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-28	PMP-9-NE-WT	3546, 8082	T	15.00 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151512 Batch Start Date: 03/18/13 08:57 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	112e10
Exchange Solvent Name	hexane
Final Concentrator Volume	10ml mL
Sulfuric Acid Lot Number	32783 (sw3665a)
Hexane Lot#	112e10
MeCL2 Lot #	34712
MeCl2/Acetone Lot #	25211
Microwave Start Time	3am
Microwave Stop Time	3:30am
Na2SO4 Lot Number	225301
Person's name who did the prep	arcfhie
TBA Lot #	op548
Water Bath ID	36378
Water Bath Temperature	37.0c (uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151527 Batch Start Date: 03/18/13 10:32 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00025	OPPSTPCBSU 00022		
MB 460-151527/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-151527/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-52450-F-29 MS	PMP-9-NE-SI	3546, 8082	T	15.02 g	10 mL	50 uL	50 uL		
460-52450-F-29 MSD	PMP-9-NE-SI	3546, 8082	T	15.03 g	10 mL	50 uL	50 uL		
460-52450-F-29	PMP-9-NE-SI	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-30	PMP-13-NE-VD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-52450-F-31	PMP-13-NE-WT	3546, 8082	T	15.01 g	10 mL		50 uL		
460-52450-F-32	PMP-13-NE-SI	3546, 8082	T	15.02 g	10 mL		50 uL		
460-52450-F-33	PMP-13-NE-SD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-34	PMP-16-NE-VD	3546, 8082	T	15.03 g	10 mL		50 uL		
460-52450-F-35	PMP-16-NE-WT	3546, 8082	T	15.00 g	10 mL		50 uL		
460-52450-F-36	PMP-16-NE-SI	3546, 8082	T	15.05 g	10 mL		50 uL		
460-52450-F-37	PMP-15-NE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-52450-F-38	PMP-15-NE-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-52450-F-39	PMP-15-NE-SI	3546, 8082	T	15.04 g	10 mL		50 uL		
460-52450-F-40	PMP-15-NE-SD	3546, 8082	T	15.00 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151527 Batch Start Date: 03/18/13 10:32 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	112e10
Exchange Solvent Name	hexane
Final Concentrator Volume	10ml mL
Sulfuric Acid Lot Number	32783 (sw3665a)
Hexane Lot#	112e10
MeCL2 Lot #	34712
MeCl2/Acetone Lot #	25211
Microwave Start Time	3am
Microwave Stop Time	3:30am
Na2SO4 Lot Number	225301
Person's name who did the prep	arcfhie
TBA Lot #	op548
Water Bath ID	36378
Water Bath Temperature	37.0c (uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151921 Batch Start Date: 03/20/13 14:11 Batch Analyst: Tupayachi, Gudilberto

Batch Method: 3510C Batch End Date: 03/21/13 04:02

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCBSP 00025	OPPSTPCBSU 00022	
MB 460-151921/1		3510C, 8082		7	1000 mL	5 mL		50 uL	
LCS 460-151921/2		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
LCSD 460-151921/3		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
460-52450-H-45	FB_031513	3510C, 8082	T	7	960 mL	5 mL		50 uL	

Batch Notes	
Batch Comment	8082 Acid Clean_up Lot# L09049
Person's name who did the concentration	Gt
Exchange Solvent Lot #	32764
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap #	222299
N-evap temperature	37.0c Celsius
Na2SO4 Lot Number	225301
Prep Solvent Lot #	34712
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	Gt
Person's name who witnessed reagent drop	jose
Uncorrected N-evap Temperature	37.0c Celsius
Uncorrected Temperature	37.0c Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method NJ OQA QAM 025

New Jersey - Total petroleum Hydrocarbons (GC) by Method NJ_OQA_QAM_025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low

GC Column (2): ID:

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-21-NE-VD	460-52450-1	57	72
PMP-21-NE-WT	460-52450-2	65	72
PMP-21-NE-SI	460-52450-3	60	71
PMP-23-NE-VS	460-52450-4	75	90
PMP-14-NE VS	460-52450-5	67	72
PMP-8-NE-VS	460-52450-6	72	80
PMP-8-NE-VD	460-52450-7	49	60
PMP-8-NE-WT	460-52450-8	71	75
PMP-4-NE-VS	460-52450-9	76	97
PMP-4-NE-VD	460-52450-10	72	75
PMP-22-NE-VS	460-52450-11	69	71
PMP-22-NE-VD	460-52450-12	58	62
PMP-22-NE-WT	460-52450-13	63	70
PMP-6-NE-VD	460-52450-14	61	65
PMP-6-NE-WT	460-52450-15	59	76
PMP-6-NE-SI	460-52450-16	61	94
PMP-5-NE-VD	460-52450-17	61	67
PMP-5-NE-WT	460-52450-18	0 X D	0 X D
PMP-5-NE-SI	460-52450-19	71	52
PMP-7-NE-VD	460-52450-20	0 X D	0 X D
PMP-7-NE-WT	460-52450-21	0 X D	0 X D
PMP-7-NE-SI	460-52450-22	0 X D	0 X D
PMP-10-NE-VD	460-52450-23	65	79
PMP-10-NE-WT	460-52450-24	62	69
PMP-10-NE-SI	460-52450-25	58	66
PMP-10-NE-SD	460-52450-26	61	67
PMP-9-NE-VD	460-52450-27	52	57
PMP-9-NE-WT	460-52450-28	0 X D	0 X D
PMP-9-NE-SI	460-52450-29	65	61
PMP-13-NE-VD	460-52450-30	55	59
PMP-13-NE-WT	460-52450-31	0 X D	0 X D
PMP-13-NE-SI	460-52450-32	57	63
PMP-13-NE-SD	460-52450-33	26 X	35 X
PMP-13-NE-SD	460-52450-33	9 X	11 X
PMP-16-NE-VD	460-52450-34	54	60

	QC LIMITS
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low

GC Column (2): ID:

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-16-NE-WT	460-52450-35	0 X D	0 X D
PMP-16-NE-SI	460-52450-36	62	65
PMP-15-NE-VD	460-52450-37	45	51
PMP-15-NE-WT	460-52450-38	64	69
PMP-15-NE-SI	460-52450-39	64	69
PMP-15-NE-SD	460-52450-40	0 X D	0 X D
PMP-28-NE-VD	460-52450-41	56	61
PMP-28-NE-WT	460-52450-42	0 X D	0 X D
PMP-28-NE-SI	460-52450-43	57	61
PMP-28-NE-SD	460-52450-44	52	57
	MB 460-151461/1-A	66	72
	MB 460-151544/1-A	66	71
	MB 460-151545/1-A	67	71
	MB 460-151566/1-A	65	68
	MB 460-152134/1-A	68	71
	LCS 460-151461/2-A	59	82
	LCS 460-151544/2-A	67	82
	LCS 460-151545/2-A	65	85
	LCS 460-151566/2-A	64	80
	LCS 460-152134/2-A	59	78
PMP-21-NE-VD MS	460-52450-1 MS	66	65
PMP-7-NE-VD MS	460-52450-20 MS	0 X D	0 X D
PMP-9-NE-VD MS	460-52450-27 MS	15 X	17 X
PMP-28-NE-VD MS	460-52450-41 MS	13 X	15 X
	460-52459-F-23-D MS	36 X D	470 X D
PMP-21-NE-VD MSD	460-52450-1 MSD	60	59
PMP-7-NE-VD MSD	460-52450-20 MSD	0 X D	0 X D
PMP-9-NE-VD MSD	460-52450-27 MSD	11 X	14 X
PMP-28-NE-VD MSD	460-52450-41 MSD	12 X	13 X
	460-52459-F-23-E MSD	44	795 X D

	QC LIMITS
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water Level: Low

GC Column (2): ID:

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB_031513	460-52450-45	51	66
	MB 460-151705/1-A	59	72
	LCS 460-151705/2-A	60	85
	LCSD 460-151705/3-A	66	90

	QC LIMITS
CB = Chlorobenzene	42-93
OTPH = o-Terphenyl	51-123

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0451.d

Lab ID: LCS 460-151461/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	91.2	68	56-113	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0485.d

Lab ID: LCS 460-151544/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	99.1	74	56-113	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0515.d

Lab ID: LCS 460-151545/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	99.8	75	56-113	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0546.d

Lab ID: LCS 460-151566/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	91.1	68	56-113	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: gc3r0608.d

Lab ID: LCS 460-151705/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	1.49	75	56-111	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0770.d

Lab ID: LCS 460-152134/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	117	88	56-113	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water Level: Low Lab File ID: gc3r0609.d

Lab ID: LCSD 460-151705/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	1.62	81	8	50	56-111	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0452.d

Lab ID: 460-52450-1 MS Client ID: PMP-21-NE-VD MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	28	118	63	56-113	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0548.d

Lab ID: 460-52450-20 MS Client ID: PMP-7-NE-VD MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	145	2800	2340	-289	56-113	4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0486.d

Lab ID: 460-52450-27 MS Client ID: PMP-9-NE-VD MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	144	5.8 U	33.4	23	56-113	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0516.d

Lab ID: 460-52450-41 MS Client ID: PMP-28-NE-VD MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	5.8 U	20.7	14	56-113	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0782.d

Lab ID: 460-52459-F-23-D MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	146	460	412	-29	56-113	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0453.d

Lab ID: 460-52450-1 MSD Client ID: PMP-21-NE-VD MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	96.9	48	20	40	56-113	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0549.d

Lab ID: 460-52450-20 MSD Client ID: PMP-7-NE-VD MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	145	2130	-437	10	40	56-113	4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0487.d

Lab ID: 460-52450-27 MSD Client ID: PMP-9-NE-VD MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	144	26.3	18	24	40	56-113	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0517.d

Lab ID: 460-52450-41 MSD Client ID: PMP-28-NE-VD MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	18.2	13	13	40	56-113	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gc3r0783.d

Lab ID: 460-52459-F-23-E MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	146	652	135	45	40	56-113	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: gc3r0450.d Lab Sample ID: MB 460-151461/1-A

Matrix: Solid Date Extracted: 03/17/2013 07:04

Instrument ID: BNAGC3 Date Analyzed: 03/18/2013 09:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151461/2-A	gc3r0451.d	03/18/2013 09:59
PMP-21-NE-VD MS	460-52450-1 MS	gc3r0452.d	03/18/2013 10:13
PMP-21-NE-VD MSD	460-52450-1 MSD	gc3r0453.d	03/18/2013 10:26
PMP-21-NE-VD	460-52450-1	gc3r0455.d	03/18/2013 10:55
PMP-21-NE-WT	460-52450-2	gc3r0456.d	03/18/2013 11:09
PMP-21-NE-SI	460-52450-3	gc3r0457.d	03/18/2013 11:23
PMP-23-NE-VS	460-52450-4	gc3r0458.d	03/18/2013 11:37
PMP-14-NE VS	460-52450-5	gc3r0461.d	03/18/2013 12:19
PMP-8-NE-VS	460-52450-6	gc3r0462.d	03/18/2013 12:33
PMP-8-NE-VD	460-52450-7	gc3r0463.d	03/18/2013 12:47
PMP-8-NE-WT	460-52450-8	gc3r0464.d	03/18/2013 13:01
PMP-4-NE-VD	460-52450-10	gc3r0466.d	03/18/2013 13:29
PMP-22-NE-VS	460-52450-11	gc3r0467.d	03/18/2013 13:43
PMP-22-NE-VD	460-52450-12	gc3r0468.d	03/18/2013 13:57
PMP-22-NE-WT	460-52450-13	gc3r0469.d	03/18/2013 14:12
PMP-6-NE-VD	460-52450-14	gc3r0472.d	03/18/2013 14:54
PMP-6-NE-WT	460-52450-15	gc3r0473.d	03/18/2013 15:08
PMP-5-NE-VD	460-52450-17	gc3r0475.d	03/18/2013 15:36
PMP-4-NE-VS	460-52450-9	gc3r0553.d	03/19/2013 13:57
PMP-6-NE-SI	460-52450-16	gc3r0554.d	03/19/2013 14:11
PMP-5-NE-WT	460-52450-18	gc3r0555.d	03/19/2013 14:25
PMP-5-NE-SI	460-52450-19	gc3r0556.d	03/19/2013 14:39

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: gc3r0484.d Lab Sample ID: MB 460-151544/1-A

Matrix: Solid Date Extracted: 03/18/2013 11:39

Instrument ID: BNAGC3 Date Analyzed: 03/18/2013 21:40

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151544/2-A	gc3r0485.d	03/18/2013 21:54
PMP-9-NE-VD MS	460-52450-27 MS	gc3r0486.d	03/18/2013 22:08
PMP-9-NE-VD MSD	460-52450-27 MSD	gc3r0487.d	03/18/2013 22:23
PMP-9-NE-VD	460-52450-27	gc3r0488.d	03/18/2013 22:37
PMP-10-NE-VD	460-52450-23	gc3r0491.d	03/18/2013 23:21
PMP-10-NE-WT	460-52450-24	gc3r0492.d	03/18/2013 23:35
PMP-10-NE-SI	460-52450-25	gc3r0493.d	03/18/2013 23:50
PMP-10-NE-SD	460-52450-26	gc3r0496.d	03/19/2013 00:33
PMP-13-NE-VD	460-52450-30	gc3r0499.d	03/19/2013 01:16
PMP-13-NE-SI	460-52450-32	gc3r0501.d	03/19/2013 01:45
PMP-16-NE-VD	460-52450-34	gc3r0503.d	03/19/2013 02:08
PMP-16-NE-SI	460-52450-36	gc3r0507.d	03/19/2013 03:05
PMP-15-NE-VD	460-52450-37	gc3r0508.d	03/19/2013 03:19
PMP-15-NE-WT	460-52450-38	gc3r0509.d	03/19/2013 03:33
PMP-15-NE-SI	460-52450-39	gc3r0510.d	03/19/2013 03:48
PMP-7-NE-WT	460-52450-21	gc3r0557.d	03/19/2013 14:53
PMP-7-NE-SI	460-52450-22	gc3r0558.d	03/19/2013 15:07
PMP-9-NE-WT	460-52450-28	gc3r0559.d	03/19/2013 15:21
PMP-9-NE-SI	460-52450-29	gc3r0560.d	03/19/2013 15:36
PMP-13-NE-WT	460-52450-31	gc3r0561.d	03/19/2013 15:50
PMP-13-NE-SD	460-52450-33	gc3r0562.d	03/19/2013 16:04
PMP-16-NE-WT	460-52450-35	gc3r0565.d	03/19/2013 16:46
PMP-15-NE-SD	460-52450-40	gc3r0566.d	03/19/2013 17:00

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: gc3r0514.d Lab Sample ID: MB 460-151545/1-A

Matrix: Solid Date Extracted: 03/18/2013 11:40

Instrument ID: BNAGC3 Date Analyzed: 03/19/2013 04:45

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151545/2-A	gc3r0515.d	03/19/2013 04:59
PMP-28-NE-VD MS	460-52450-41 MS	gc3r0516.d	03/19/2013 05:13
PMP-28-NE-VD MSD	460-52450-41 MSD	gc3r0517.d	03/19/2013 05:27
PMP-28-NE-VD	460-52450-41	gc3r0518.d	03/19/2013 05:41
PMP-28-NE-SI	460-52450-43	gc3r0540.d	03/19/2013 10:53
PMP-28-NE-SD	460-52450-44	gc3r0541.d	03/19/2013 11:08
PMP-28-NE-WT	460-52450-42	gc3r0574.d	03/19/2013 18:54

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: gc3r0545.d Lab Sample ID: MB 460-151566/1-A

Matrix: Solid Date Extracted: 03/18/2013 13:31

Instrument ID: BNAGC3 Date Analyzed: 03/19/2013 12:04

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151566/2-A	gc3r0546.d	03/19/2013 12:18
PMP-7-NE-VD MS	460-52450-20 MS	gc3r0548.d	03/19/2013 12:47
PMP-7-NE-VD MSD	460-52450-20 MSD	gc3r0549.d	03/19/2013 13:01
PMP-7-NE-VD	460-52450-20	gc3r0550.d	03/19/2013 13:15

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: gc3r0607.d Lab Sample ID: MB 460-151705/1-A

Matrix: Water Date Extracted: 03/19/2013 09:56

Instrument ID: BNAGC3 Date Analyzed: 03/20/2013 02:41

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-151705/2-A	gc3r0608.d	03/20/2013 02:55
	LCSD 460-151705/3-A	gc3r0609.d	03/20/2013 03:10
FB_031513	460-52450-45	gc3r0610.d	03/20/2013 03:24

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab File ID: gc3r0769.d Lab Sample ID: MB 460-152134/1-A

Matrix: Solid Date Extracted: 03/21/2013 14:33

Instrument ID: BNAGC3 Date Analyzed: 03/22/2013 08:09

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-152134/2-A	gc3r0770.d	03/22/2013 08:23
PMP-13-NE-SD	460-52450-33	gc3r0776.d	03/22/2013 09:49
	460-52459-F-23-D MS	gc3r0782.d	03/22/2013 11:11
	460-52459-F-23-E MSD	gc3r0783.d	03/22/2013 11:25

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD Lab Sample ID: 460-52450-1

Matrix: Solid Lab File ID: gc3r0455.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 09:20

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 10:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	28		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	57		40-80

Data File: gc3r0455.d
Report Date: 21-Mar-2013 08:23

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0455.d
Lab Smp Id: 460-52450-F-1-D Client Smp ID: PMP-21-NE-VD
Inj Date : 18-MAR-2013 10:55
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-1-D
Misc Info : 460-52450-F-1-D
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 61
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	4.40367	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.628	3.631	-0.003	1331357	14.3324	1.00(M)
$ 2 Chlorobenzene (sur)	0.753	0.751	0.002	783356	11.3109	0.79(M)
3 TPH	3.604	0.578	3.026	29026378	403.405	28.1(M)

QC Flag Legend

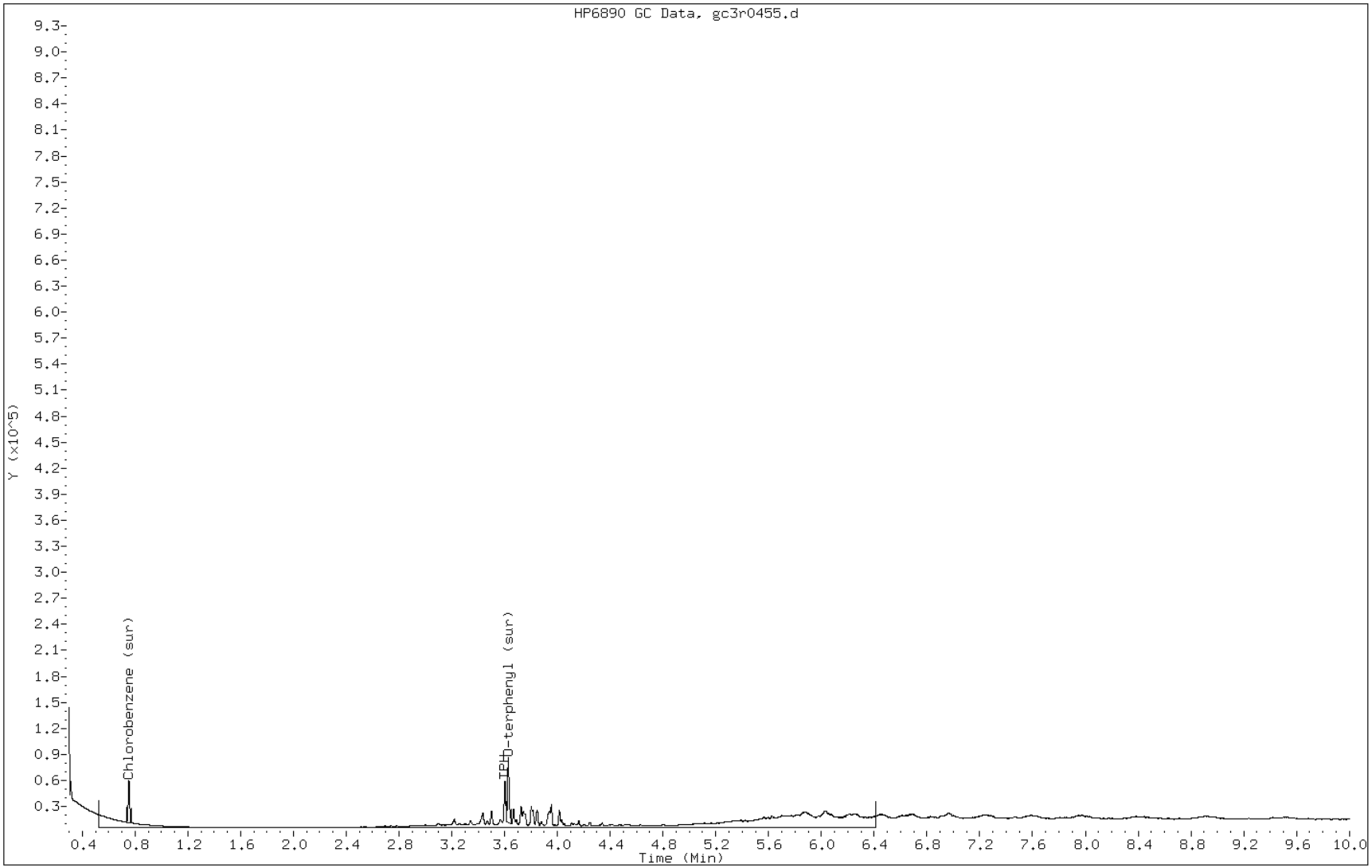
M - Compound response manually integrated.

Data File: gc3r0455.d

Date: 18-MAR-2013 10:55

Client ID: PMP-21-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-1-D Operator: BNAGC1



Manual Integration Report

Data File: gc3r0455.d
Inj. Date and Time: 18-MAR-2013 10:55
Instrument ID: BNAGC3.i
Client ID: PMP-21-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

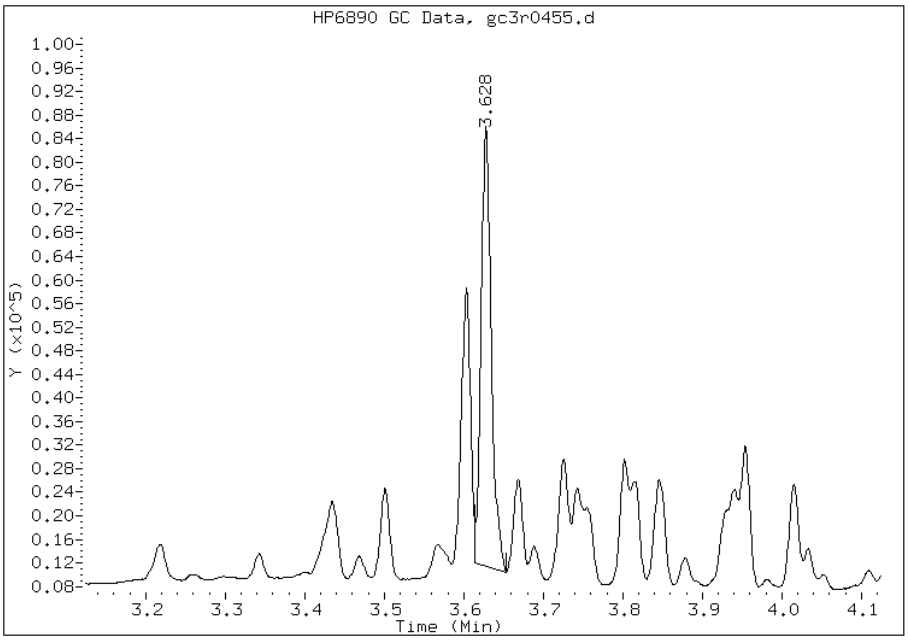
Manual Integration Results

RT: 3.63

Response: 1331357

Amount: 14.33

Conc: 1.00



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0455.d
Inj. Date and Time: 18-MAR-2013 10:55
Instrument ID: BNAGC3.i
Client ID: PMP-21-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

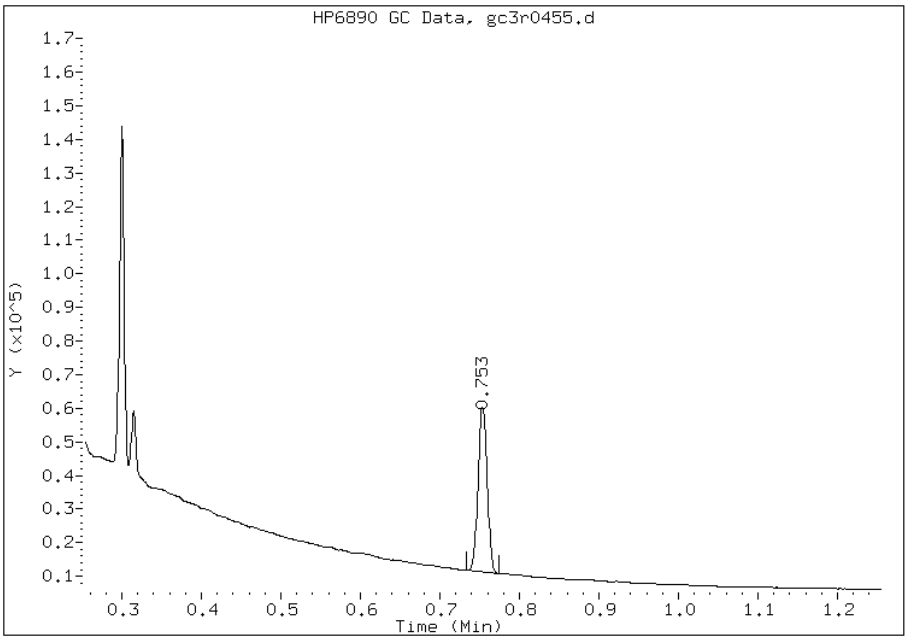
Manual Integration Results

RT: 0.75

Response: 783356

Amount: 11.31

Conc: 0.79



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-WT Lab Sample ID: 460-52450-2

Matrix: Solid Lab File ID: gc3r0456.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 09:25

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 11:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.6		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	65		40-80

Data File: gc3r0456.d
Report Date: 21-Mar-2013 08:23

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0456.d
Lab Smp Id: 460-52450-F-2-B Client Smp ID: PMP-21-NE-WT
Inj Date : 18-MAR-2013 11:09
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-2-B
Misc Info : 460-52450-F-2-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 62
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	11.15312	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.631	-0.005	1333831	14.3590	1.1(M)
$ 2 Chlorobenzene (sur)	0.756	0.751	0.005	899221	12.9838	0.97(M)
3 TPH	5.933	0.578	5.355	7306907	101.551	7.6(M)

QC Flag Legend

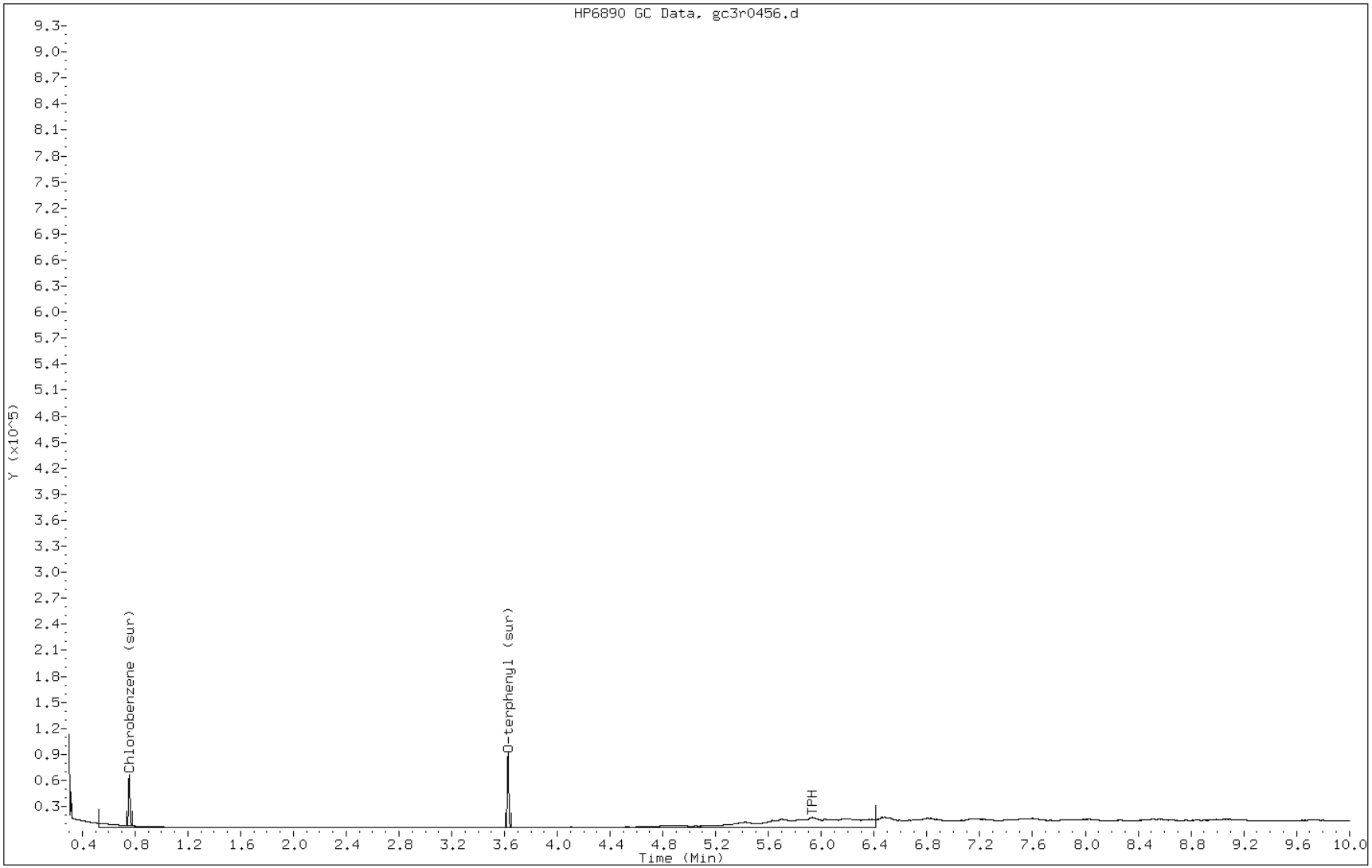
M - Compound response manually integrated.

Data File: gc3r0456.d

Date: 18-MAR-2013 11:09

Client ID: PMP-21-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-2-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0456.d
Inj. Date and Time: 18-MAR-2013 11:09
Instrument ID: BNAGC3.i
Client ID: PMP-21-NE-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

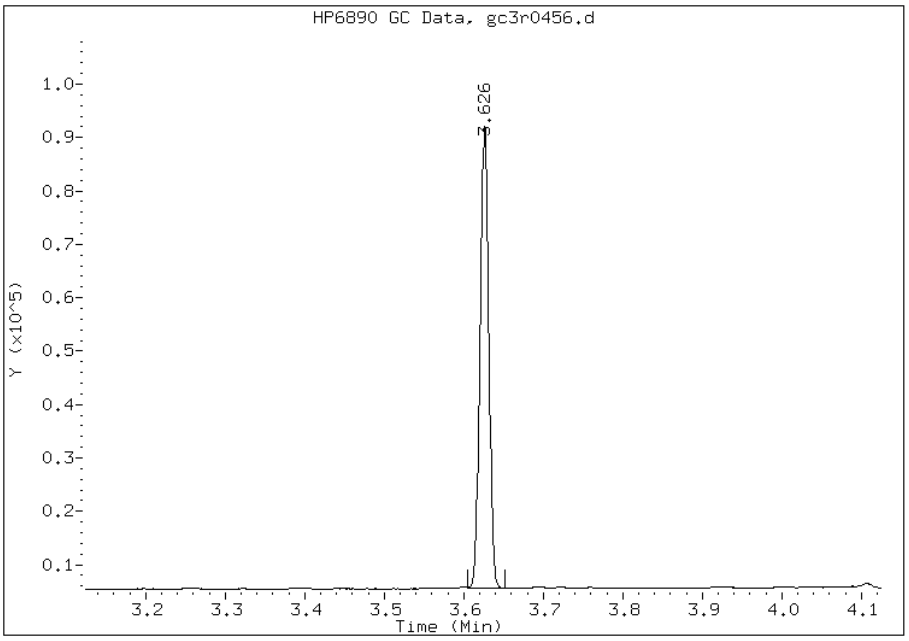
Manual Integration Results

RT: 3.63

Response: 1333831

Amount: 14.36

Conc: 1.07



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0456.d
Inj. Date and Time: 18-MAR-2013 11:09
Instrument ID: BNAGC3.i
Client ID: PMP-21-NE-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

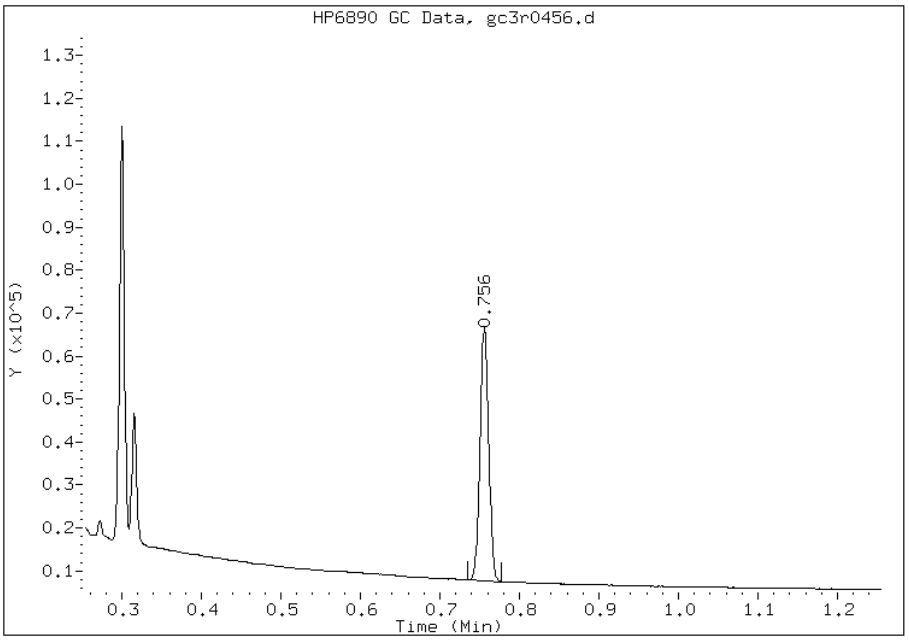
Manual Integration Results

RT: 0.76

Response: 899221

Amount: 12.98

Conc: 0.97



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-SI Lab Sample ID: 460-52450-3

Matrix: Solid Lab File ID: gc3r0457.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 09:30

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 11:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 9.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	10		6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	60		40-80

Data File: gc3r0457.d
Report Date: 21-Mar-2013 08:23

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0457.d
Lab Smp Id: 460-52450-F-3-B Client Smp ID: PMP-21-NE-SI
Inj Date : 18-MAR-2013 11:23
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-3-B
Misc Info : 460-52450-F-3-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	9.51526	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.628	3.631	-0.003	1325242	14.2666	1.0(M)
$ 2 Chlorobenzene (sur)	0.753	0.751	0.002	835704	12.0667	0.89(M)
3 TPH	6.027	0.578	5.449	10131729	140.810	10.3(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0457.d

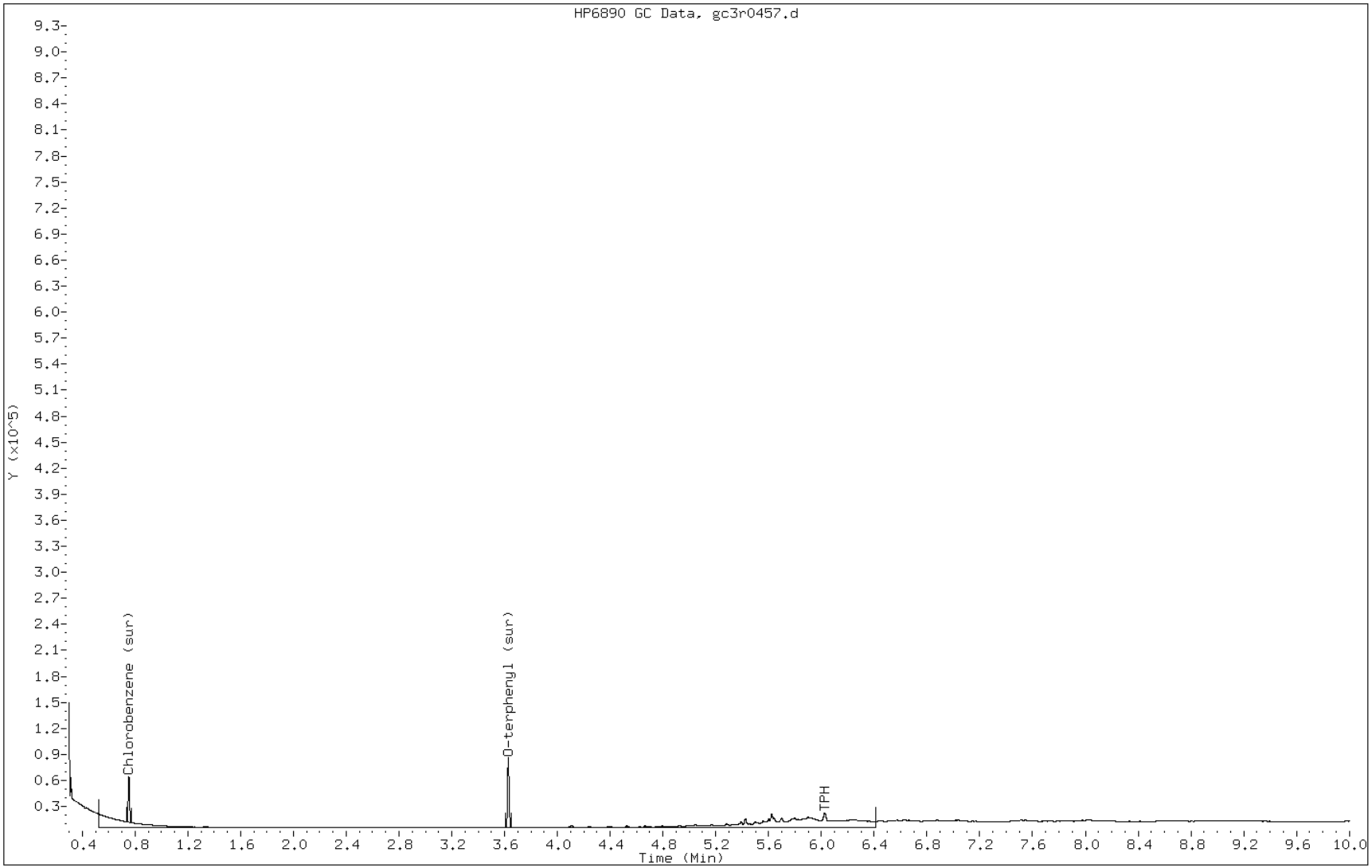
Date: 18-MAR-2013 11:23

Client ID: PMP-21-NE-SI

Instrument: BNAGC3.i

Sample Info: 460-52450-F-3-B

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0457.d
Inj. Date and Time: 18-MAR-2013 11:23
Instrument ID: BNAGC3.i
Client ID: PMP-21-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

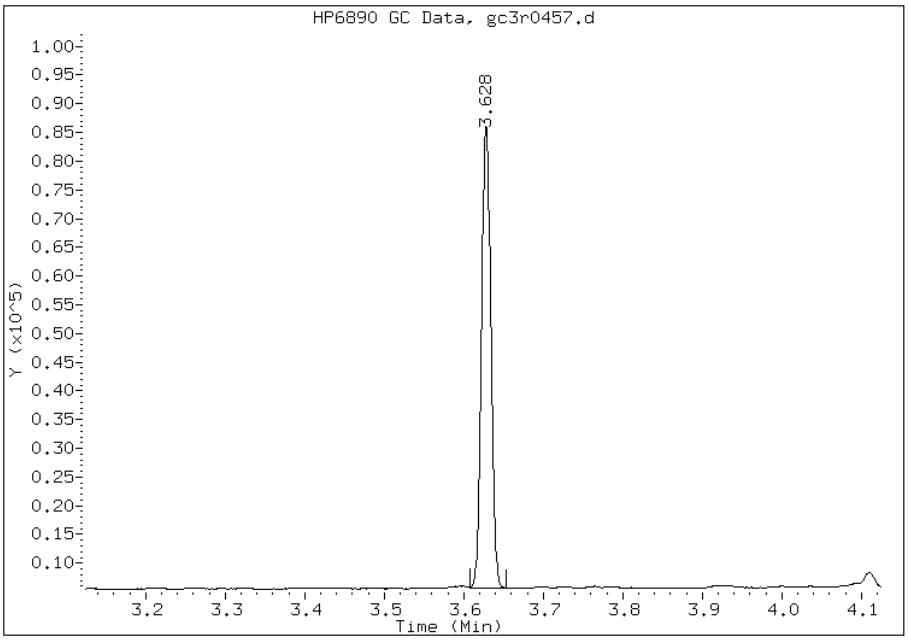
Manual Integration Results

RT: 3.63

Response: 1325242

Amount: 14.27

Conc: 1.05



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0457.d
Inj. Date and Time: 18-MAR-2013 11:23
Instrument ID: BNAGC3.i
Client ID: PMP-21-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

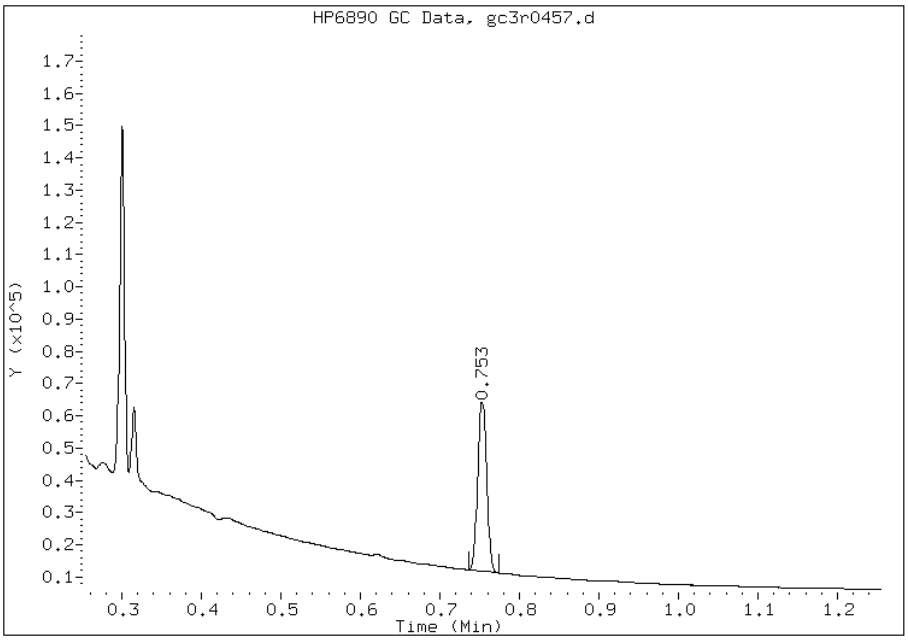
Manual Integration Results

RT: 0.75

Response: 835704

Amount: 12.07

Conc: 0.89



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-23-NE-VS Lab Sample ID: 460-52450-4

Matrix: Solid Lab File ID: gc3r0458.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 10:15

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 11:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	73		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		50-105
108-90-7	Chlorobenzene	75		40-80

Data File: gc3r0458.d
Report Date: 21-Mar-2013 08:23

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0458.d
Lab Smp Id: 460-52450-F-4-B Client Smp ID: PMP-23-NE-VS
Inj Date : 18-MAR-2013 11:37
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-4-B
Misc Info : 460-52450-F-4-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 64
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	5.87219	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.624	3.631	-0.007	1664572	17.9196	1.3(M)
$ 2 Chlorobenzene (sur)	0.755	0.751	0.004	1032174	14.9035	1.0(M)
3 TPH	3.597	0.578	3.019	74577964	1036.48	73.4(M)

QC Flag Legend

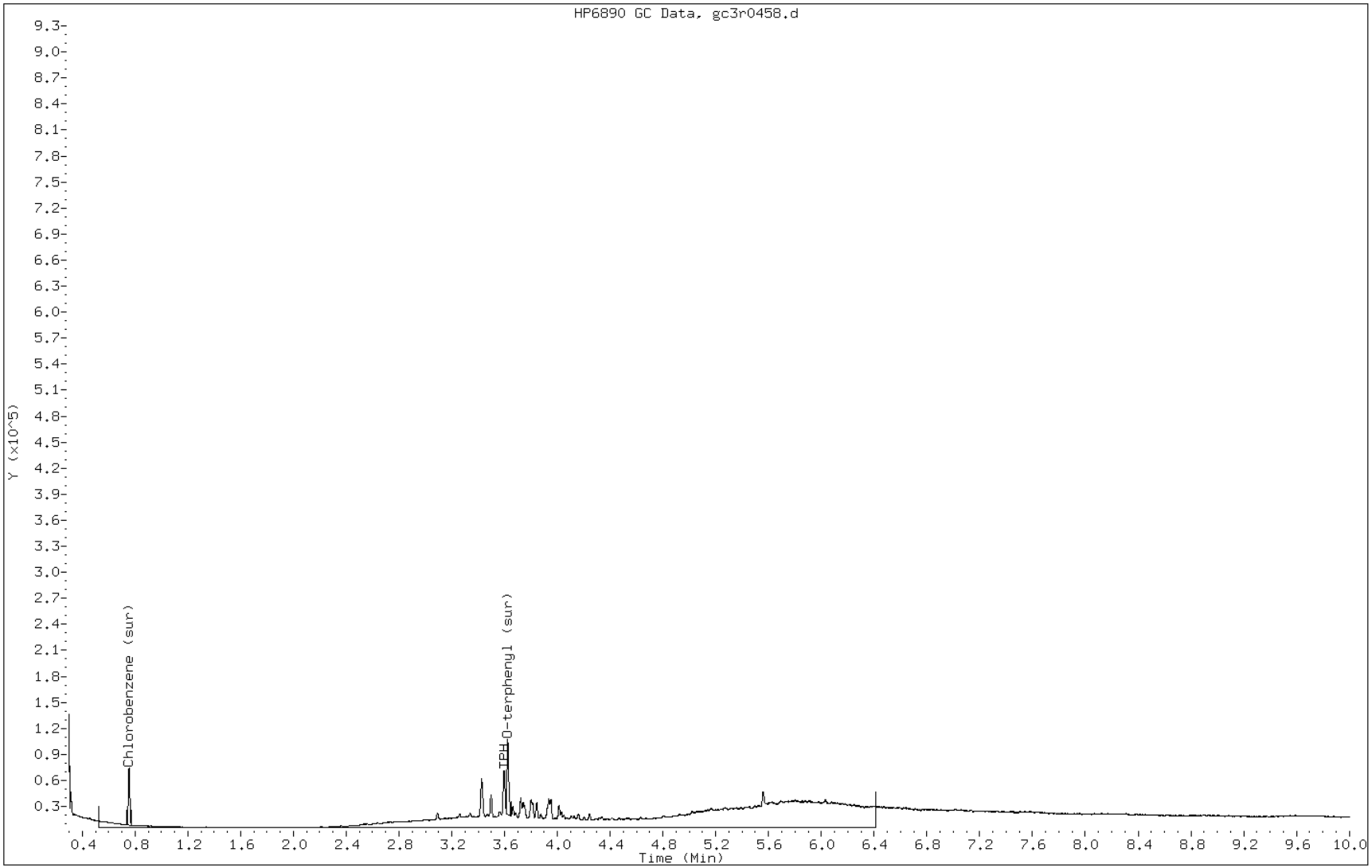
M - Compound response manually integrated.

Data File: gc3r0458.d

Date: 18-MAR-2013 11:37

Client ID: PMP-23-NE-VS Instrument: BNAGC3.i

Sample Info: 460-52450-F-4-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0458.d
Inj. Date and Time: 18-MAR-2013 11:37
Instrument ID: BNAGC3.i
Client ID: PMP-23-NE-VS
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

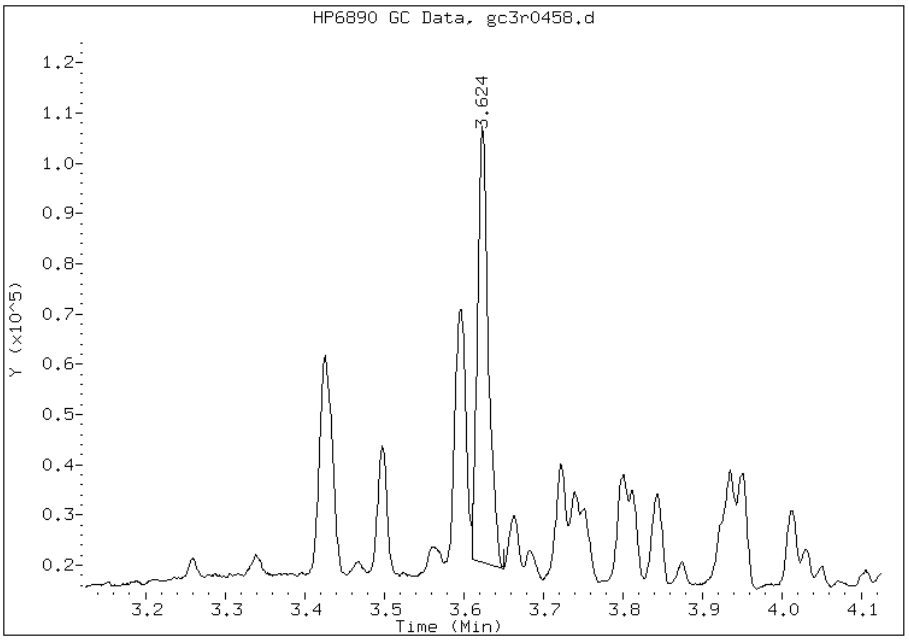
Manual Integration Results

RT: 3.62

Response: 1664572

Amount: 17.92

Conc: 1.27



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0458.d
Inj. Date and Time: 18-MAR-2013 11:37
Instrument ID: BNAGC3.i
Client ID: PMP-23-NE-VS
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

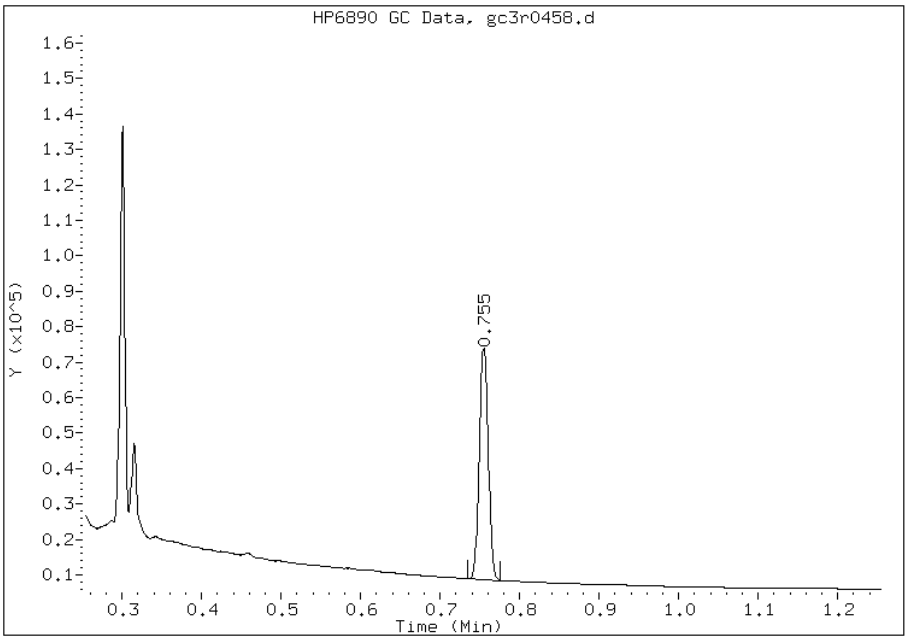
Manual Integration Results

RT: 0.75

Response: 1032174

Amount: 14.90

Conc: 1.06



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-14-NE VS Lab Sample ID: 460-52450-5

Matrix: Solid Lab File ID: gc3r0461.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 09:45

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 12:19

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	68		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	67		40-80

Data File: gc3r0461.d
Report Date: 21-Mar-2013 08:24

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0461.d
Lab Smp Id: 460-52450-F-5-B Client Smp ID: PMP-14-NE VS
Inj Date : 18-MAR-2013 12:19
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-5-B
Misc Info : 460-52450-F-5-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 65
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	6.22711	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.627	3.628	-0.001	1334023	14.3611	1.0(M)
$ 2 Chlorobenzene (sur)	0.756	0.754	0.002	923595	13.3358	0.95(M)
3 TPH	5.819	0.580	5.239	69005631	959.032	68.2(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0461.d

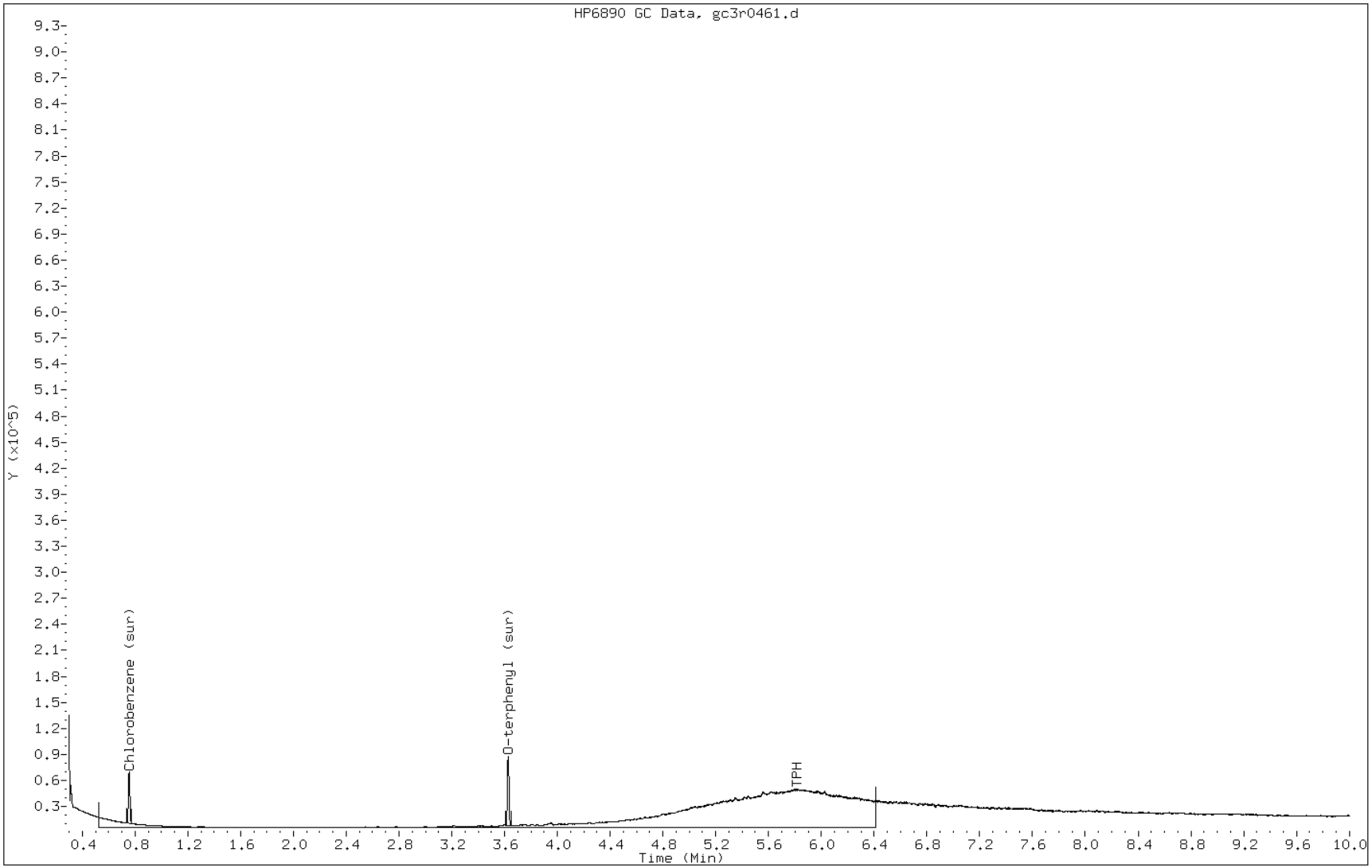
Date: 18-MAR-2013 12:19

Client ID: PMP-14-NE VS

Instrument: BNAGC3.i

Sample Info: 460-52450-F-5-B

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0461.d
Inj. Date and Time: 18-MAR-2013 12:19
Instrument ID: BNAGC3.i
Client ID: PMP-14-NE VS
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

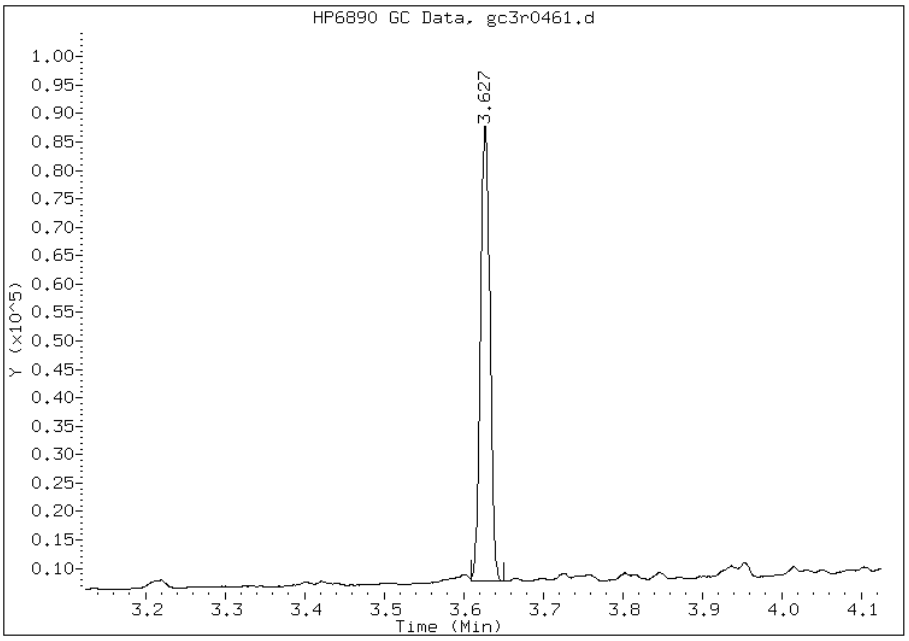
Manual Integration Results

RT: 3.63

Response: 1334023

Amount: 14.36

Conc: 1.02



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0461.d
Inj. Date and Time: 18-MAR-2013 12:19
Instrument ID: BNAGC3.i
Client ID: PMP-14-NE VS
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

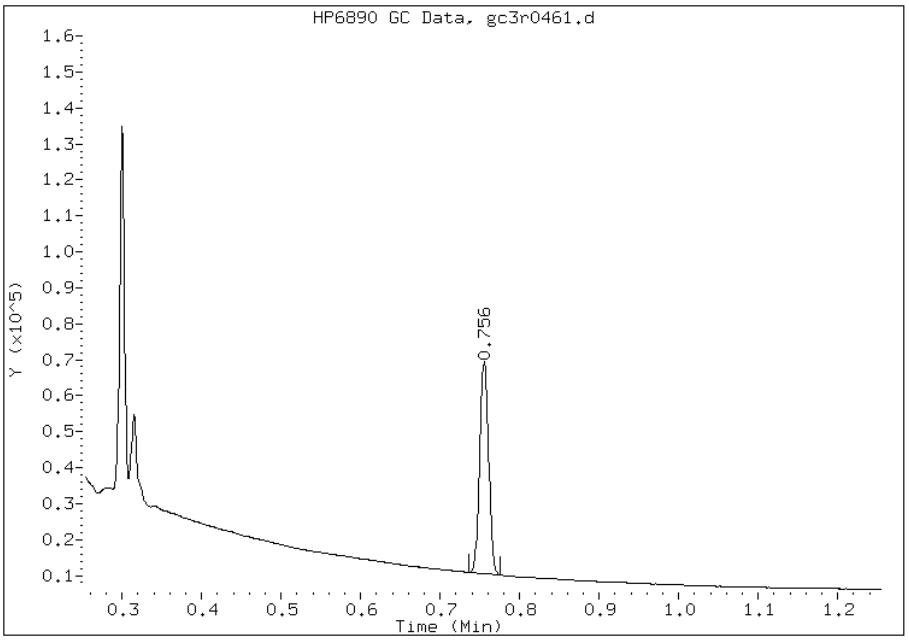
Manual Integration Results

RT: 0.76

Response: 923595

Amount: 13.34

Conc: 0.95



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VS Lab Sample ID: 460-52450-6

Matrix: Solid Lab File ID: gc3r0462.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 10:30

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 12:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	140		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		50-105
108-90-7	Chlorobenzene	72		40-80

Data File: gc3r0462.d
Report Date: 21-Mar-2013 08:24

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0462.d
Lab Smp Id: 460-52450-F-6-B Client Smp ID: PMP-8-NE-VS
Inj Date : 18-MAR-2013 12:33
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-6-B
Misc Info : 460-52450-F-6-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.01000	Weight of sample extracted (g)
M	5.55556	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
$	1 O-terphenyl (sur)	3.625	3.628	-0.003	1492403	16.0661	1.1(M)
$	2 Chlorobenzene (sur)	0.756	0.754	0.002	994080	14.3535	1.0(M)
	3 TPH	3.424	0.580	2.844	142817148	1984.86	140(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0462.d

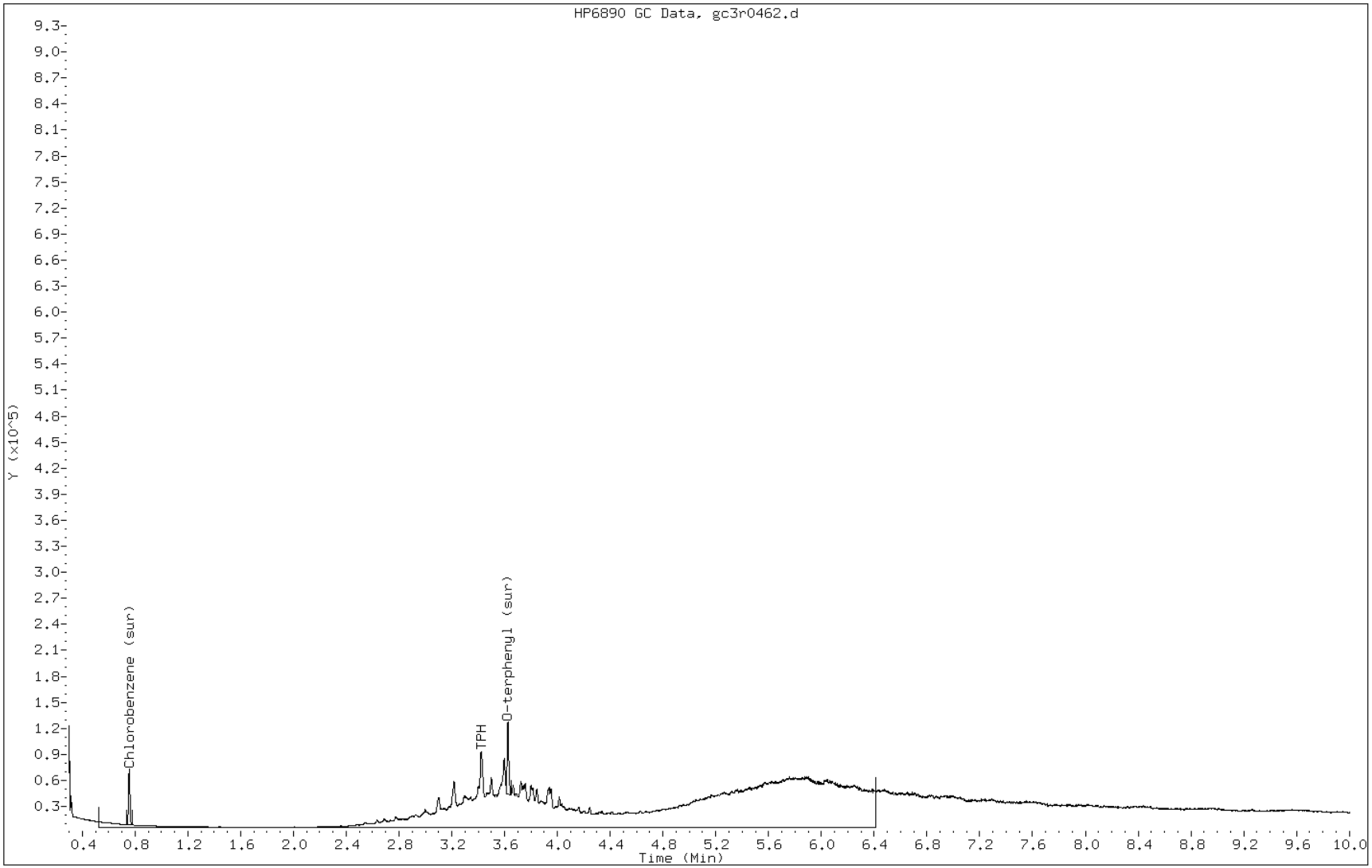
Date: 18-MAR-2013 12:33

Client ID: PMP-8-NE-VS

Instrument: BNAGC3.i

Sample Info: 460-52450-F-6-B

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0462.d
Inj. Date and Time: 18-MAR-2013 12:33
Instrument ID: BNAGC3.i
Client ID: PMP-8-NE-VS
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

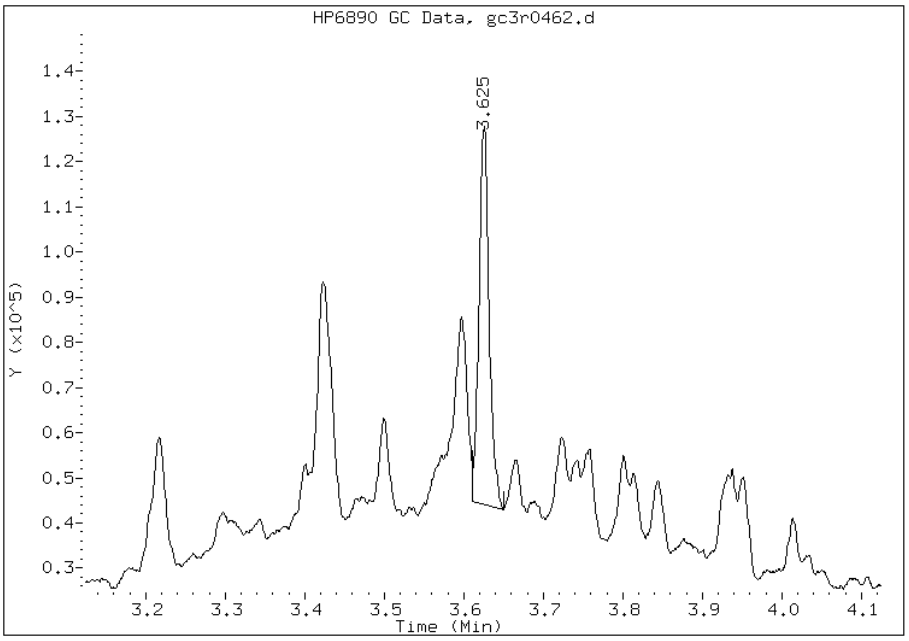
Manual Integration Results

RT: 3.62

Response: 1492403

Amount: 16.07

Conc: 1.13



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0462.d
Inj. Date and Time: 18-MAR-2013 12:33
Instrument ID: BNAGC3.i
Client ID: PMP-8-NE-VS
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

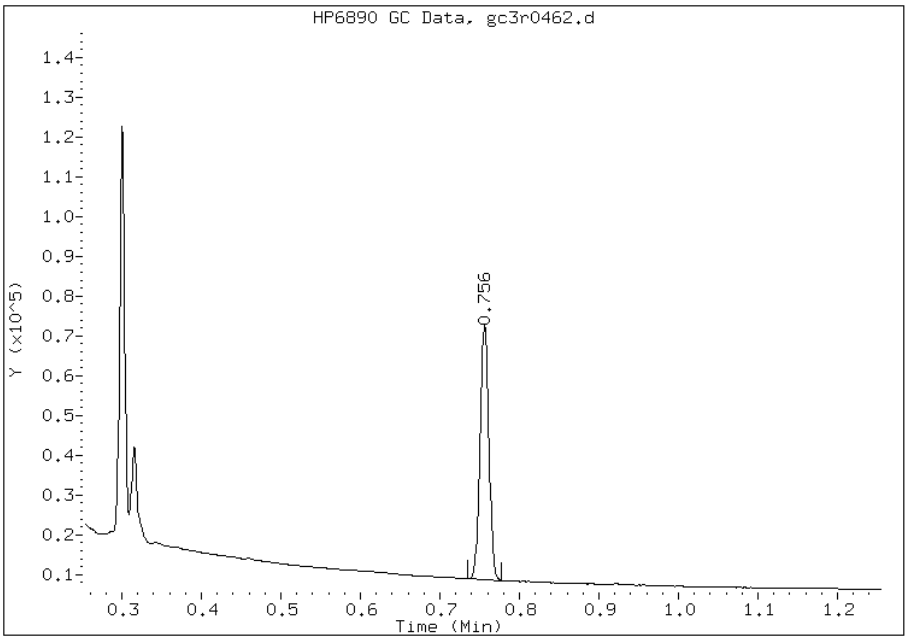
Manual Integration Results

RT: 0.76

Response: 994080

Amount: 14.35

Conc: 1.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-VD Lab Sample ID: 460-52450-7

Matrix: Solid Lab File ID: gc3r0463.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 10:35

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 12:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 3.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	16		5.6	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	60		50-105
108-90-7	Chlorobenzene	49		40-80

Data File: gc3r0463.d
Report Date: 21-Mar-2013 08:24

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0463.d
Lab Smp Id: 460-52450-F-7-B Client Smp ID: PMP-8-NE-VD
Inj Date : 18-MAR-2013 12:47
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-7-B
Misc Info : 460-52450-F-7-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 67
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	2.96846	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.629	3.628	0.001	1109490	11.9439	0.82(M)
$ 2 Chlorobenzene (sur)	0.754	0.754	0.000	676456	9.76734	0.67(M)
3 TPH	6.035	0.580	5.455	16429134	228.330	15.6(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0463.d

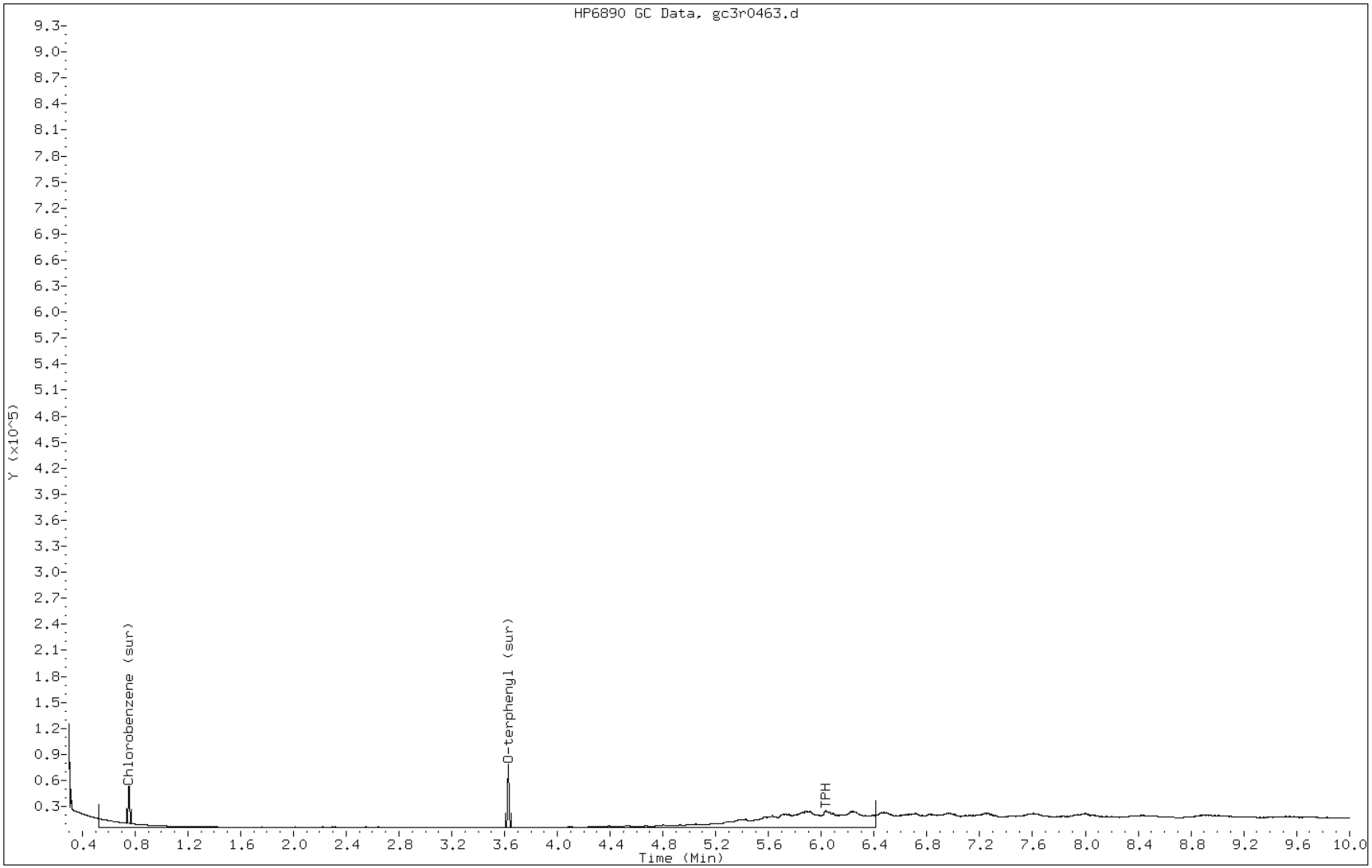
Date: 18-MAR-2013 12:47

Client ID: PMP-8-NE-VD

Instrument: BNAGC3.i

Sample Info: 460-52450-F-7-B

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0463.d
Inj. Date and Time: 18-MAR-2013 12:47
Instrument ID: BNAGC3.i
Client ID: PMP-8-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

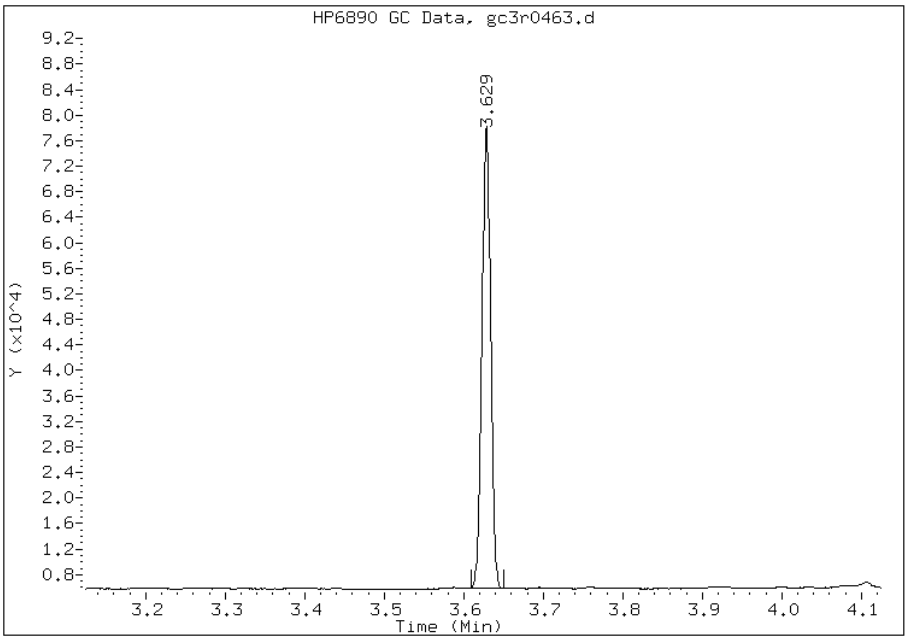
Manual Integration Results

RT: 3.63

Response: 1109490

Amount: 11.94

Conc: 0.82



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0463.d
Inj. Date and Time: 18-MAR-2013 12:47
Instrument ID: BNAGC3.i
Client ID: PMP-8-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

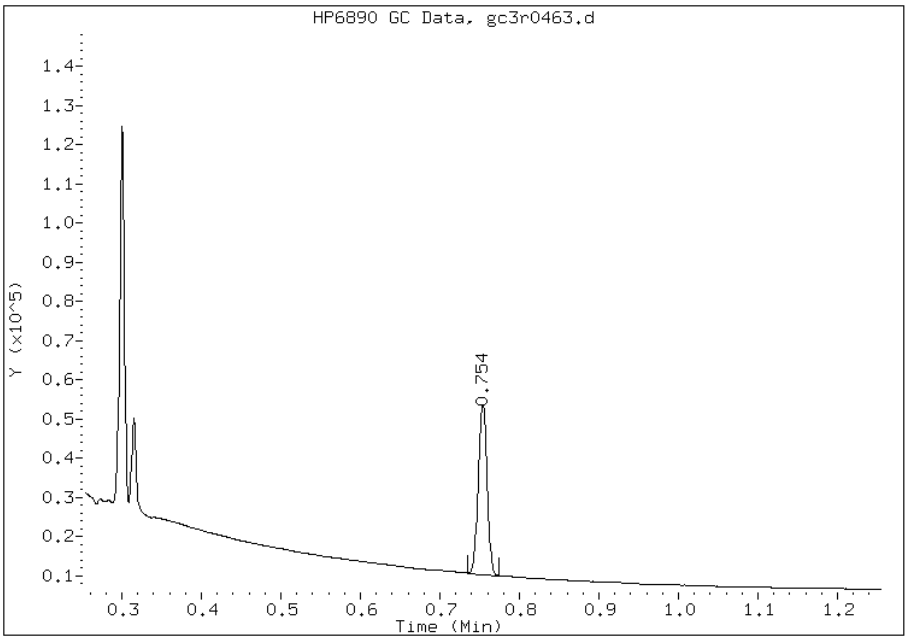
Manual Integration Results

RT: 0.75

Response: 676456

Amount: 9.77

Conc: 0.67



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-8-NE-WT Lab Sample ID: 460-52450-8

Matrix: Solid Lab File ID: gc3r0464.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 10:40

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 13:01

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9.0		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	75		50-105
108-90-7	Chlorobenzene	71		40-80

Data File: gc3r0464.d
Report Date: 21-Mar-2013 08:24

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0464.d
Lab Smp Id: 460-52450-F-8-B Client Smp ID: PMP-8-NE-WT
Inj Date : 18-MAR-2013 13:01
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-8-B
Misc Info : 460-52450-F-8-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 68
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	4.23280	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.624	3.628	-0.004	1402655	15.0999	1.0(M)
$ 2 Chlorobenzene (sur)	0.755	0.754	0.001	982200	14.1820	0.98(M)
3 TPH	5.923	0.580	5.343	9278541	128.952	9.0(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0464.d

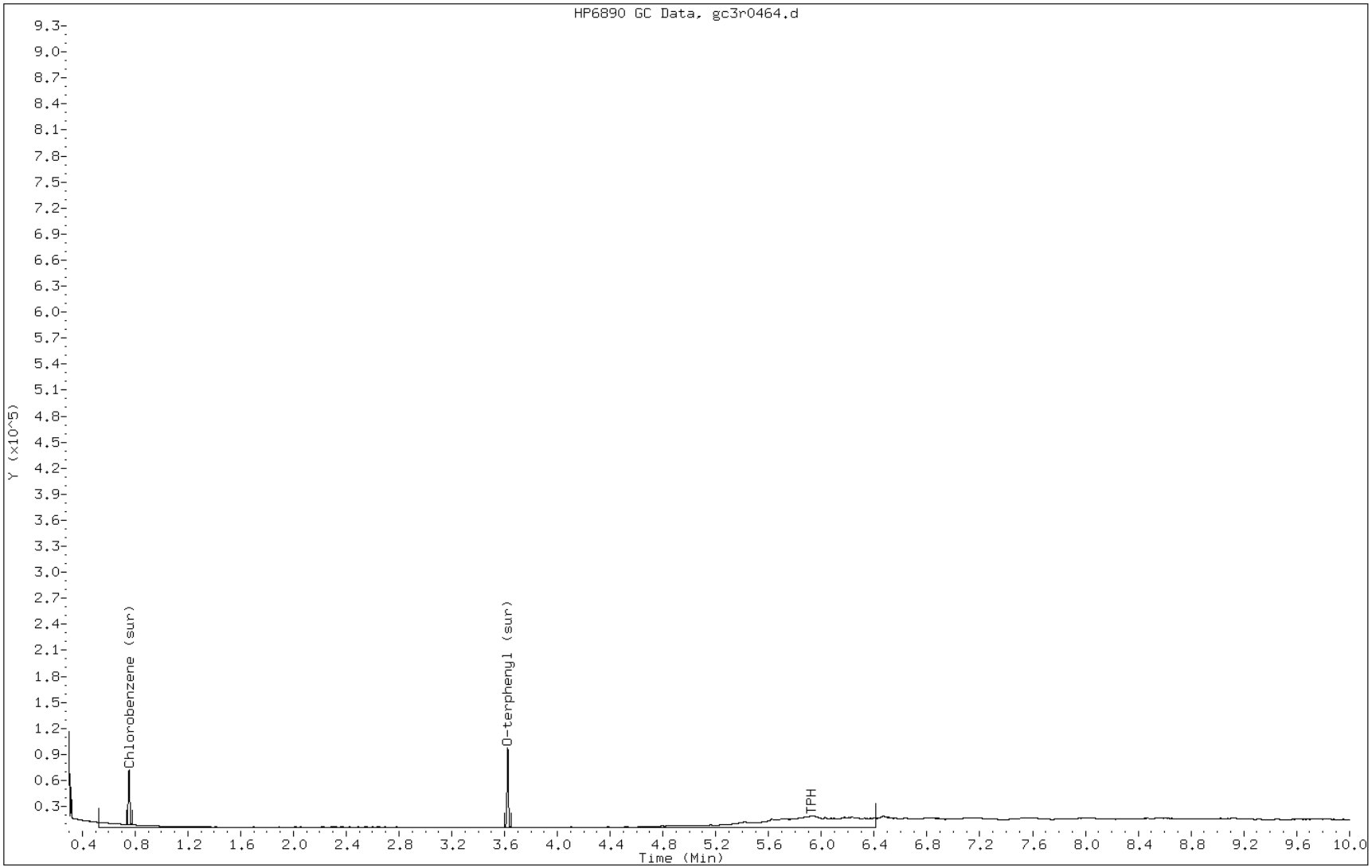
Date: 18-MAR-2013 13:01

Client ID: PMP-8-NE-WT

Instrument: BNAGC3.i

Sample Info: 460-52450-F-8-B

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0464.d
Inj. Date and Time: 18-MAR-2013 13:01
Instrument ID: BNAGC3.i
Client ID: PMP-8-NE-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

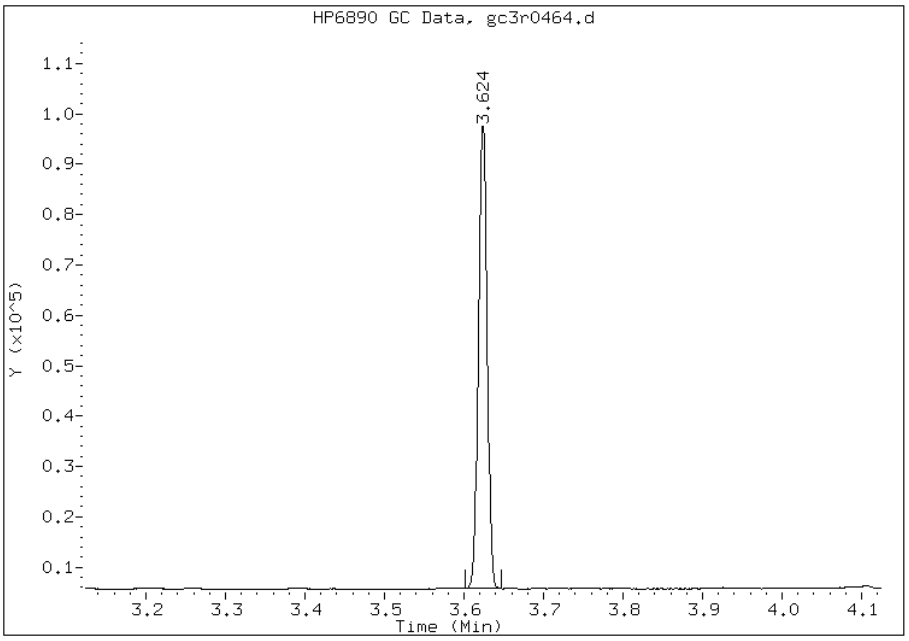
Manual Integration Results

RT: 3.62

Response: 1402655

Amount: 15.10

Conc: 1.05



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0464.d
Inj. Date and Time: 18-MAR-2013 13:01
Instrument ID: BNAGC3.i
Client ID: PMP-8-NE-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

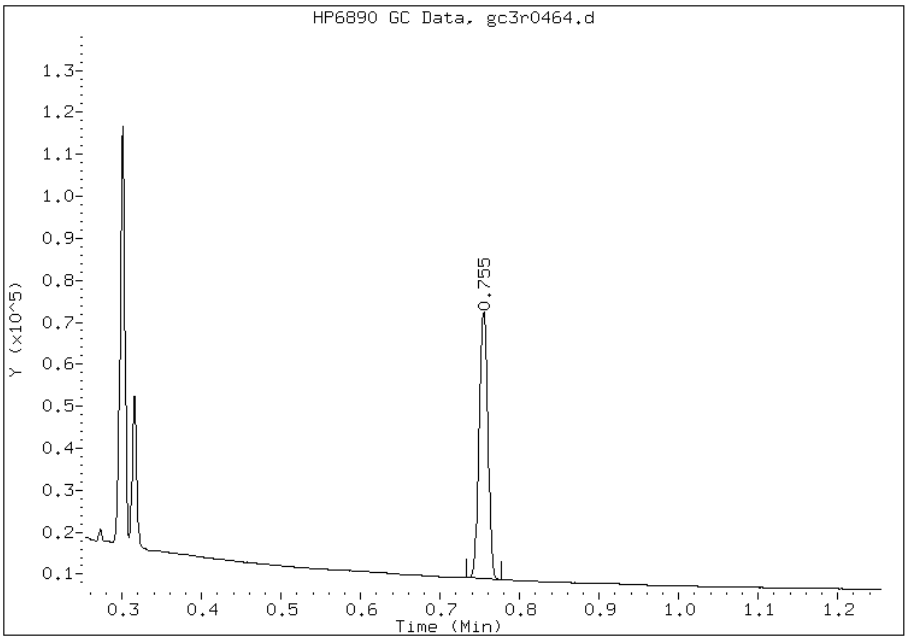
Manual Integration Results

RT: 0.76

Response: 982200

Amount: 14.18

Conc: 0.99



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VS | Lab Sample ID: 460-52450-9

Matrix: Solid | Lab File ID: gc3r0553.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/14/2013 10:50

Extraction Method: 3546 | Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.04(g) | Date Analyzed: 03/19/2013 13:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	460		30	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		50-105
108-90-7	Chlorobenzene	76		40-80

Data File: gc3r0553.d
Report Date: 21-Mar-2013 10:11

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0553.d
Lab Smp Id: 460-52450-F-9-A Client Smp ID: PMP-4-NE-VS
Inj Date : 19-MAR-2013 13:57
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-9-A
Misc Info : 460-52450-F-9-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 56
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.04000	Weight of sample extracted (g)
M	7.66284	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.628	3.625	0.003	360893	3.88511	1.4(aM)
$ 2 Chlorobenzene (sur)	0.754	0.753	0.001	211882	3.05936	1.1(aM)
3 TPH	3.603	0.579	3.024	91208525	1267.61	456(M)

QC Flag Legend

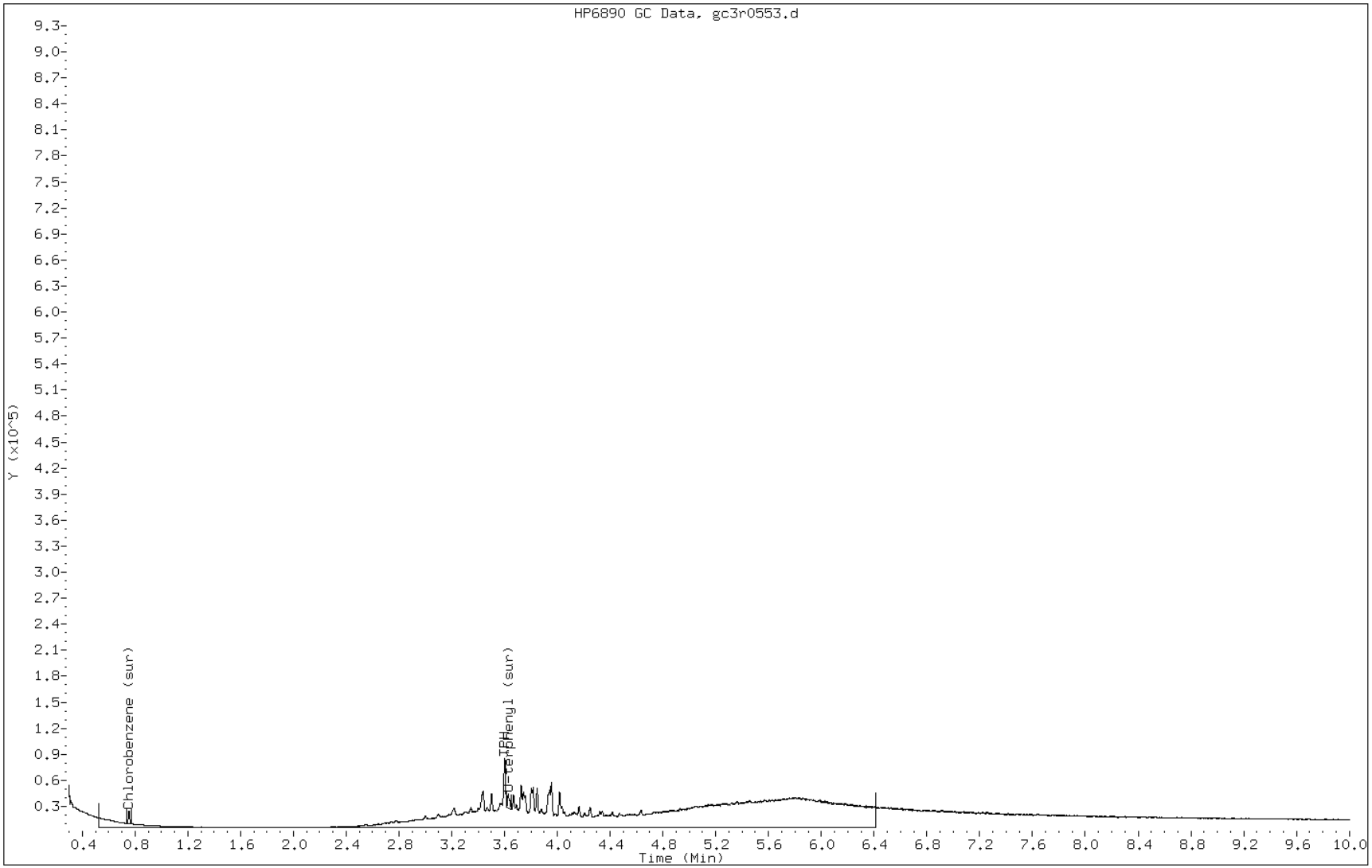
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gc3r0553.d

Date: 19-MAR-2013 13:57

Client ID: PMP-4-NE-VS Instrument: BNAGC3.i

Sample Info: 460-52450-F-9-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0553.d
Inj. Date and Time: 19-MAR-2013 13:57
Instrument ID: BNAGC3.i
Client ID: PMP-4-NE-VS
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

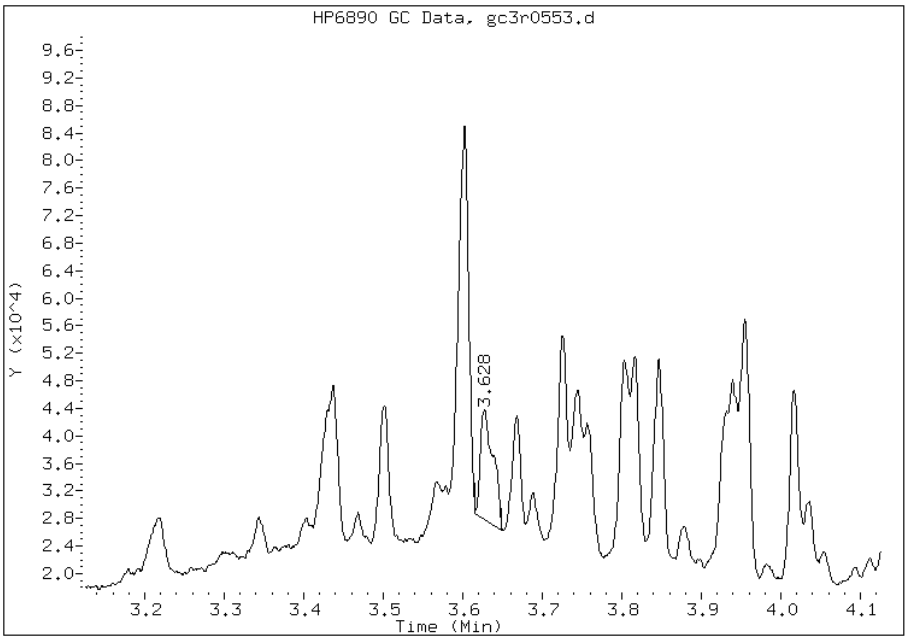
Manual Integration Results

RT: 3.63

Response: 360893

Amount: 3.89

Conc: 1.40



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0553.d
Inj. Date and Time: 19-MAR-2013 13:57
Instrument ID: BNAGC3.i
Client ID: PMP-4-NE-VS
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

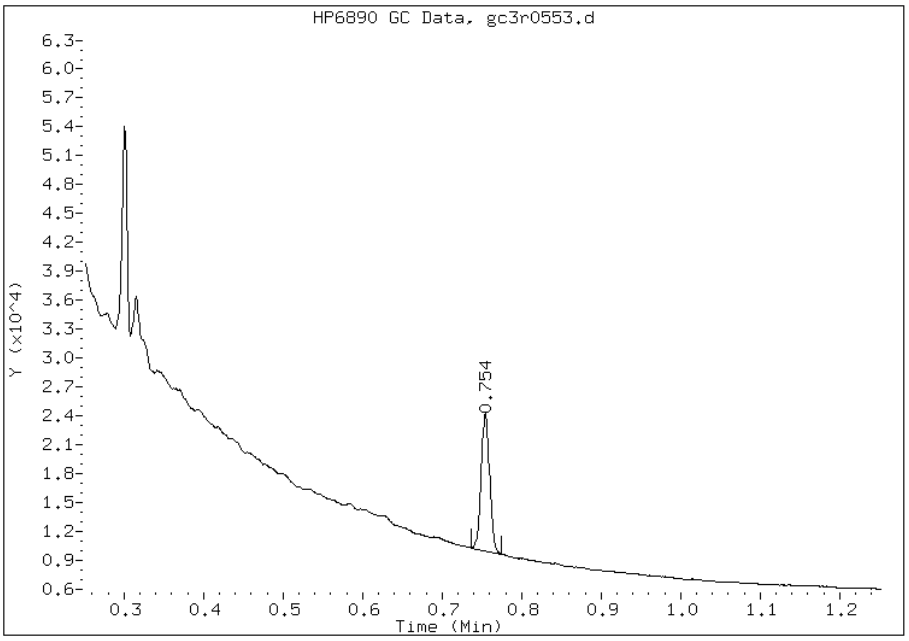
Manual Integration Results

RT: 0.75

Response: 211882

Amount: 3.06

Conc: 1.10



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-4-NE-VD Lab Sample ID: 460-52450-10

Matrix: Solid Lab File ID: gc3r0466.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 10:55

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 13:29

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	120		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	75		50-105
108-90-7	Chlorobenzene	72		40-80

Data File: gc3r0466.d
Report Date: 21-Mar-2013 08:24

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0466.d
Lab Smp Id: 460-52450-F-10-A Client Smp ID: PMP-4-NE-VD
Inj Date : 18-MAR-2013 13:29
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-10-A
Misc Info : 460-52450-F-10-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 70
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	5.41516	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.628	3.628	0.000	1389761	14.9611	1.0(M)
$ 2 Chlorobenzene (sur)	0.753	0.754	-0.001	997506	14.4030	1.0(M)
3 TPH	5.897	0.580	5.317	124591702	1731.56	122(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0466.d

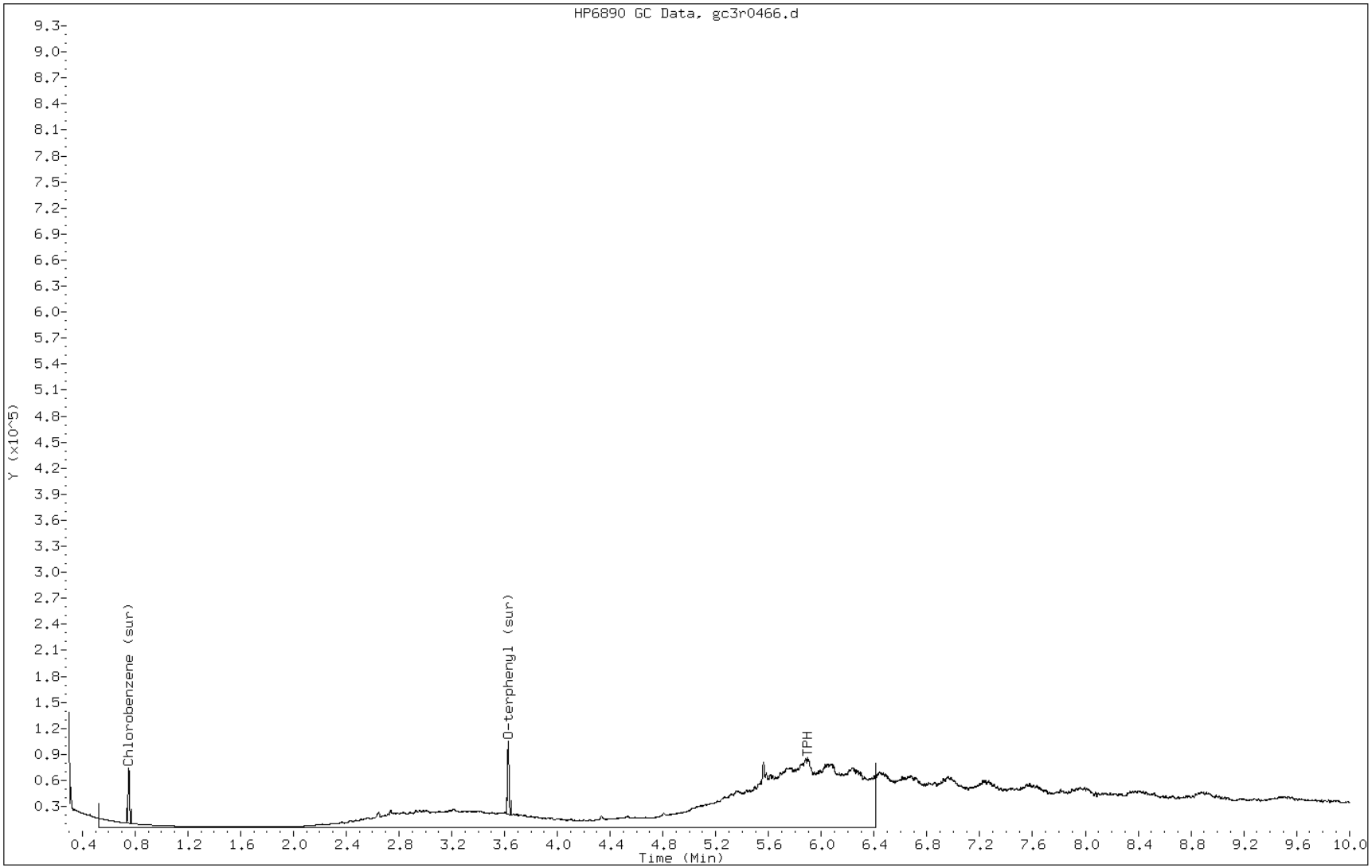
Date: 18-MAR-2013 13:29

Client ID: PMP-4-NE-VD

Instrument: BNAGC3.i

Sample Info: 460-52450-F-10-A

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0466.d
Inj. Date and Time: 18-MAR-2013 13:29
Instrument ID: BNAGC3.i
Client ID: PMP-4-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

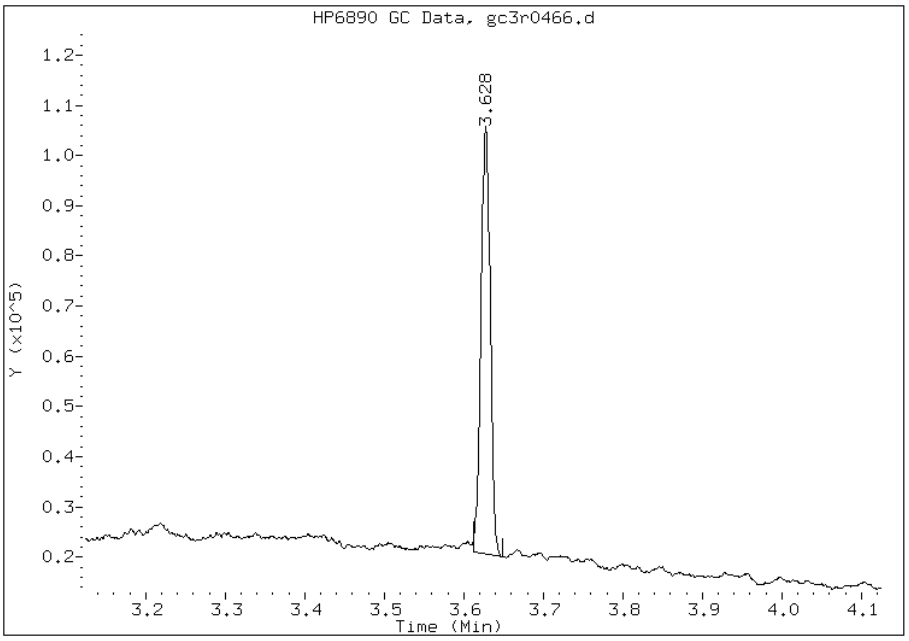
Manual Integration Results

RT: 3.63

Response: 1389761

Amount: 14.96

Conc: 1.05



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0466.d
Inj. Date and Time: 18-MAR-2013 13:29
Instrument ID: BNAGC3.i
Client ID: PMP-4-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

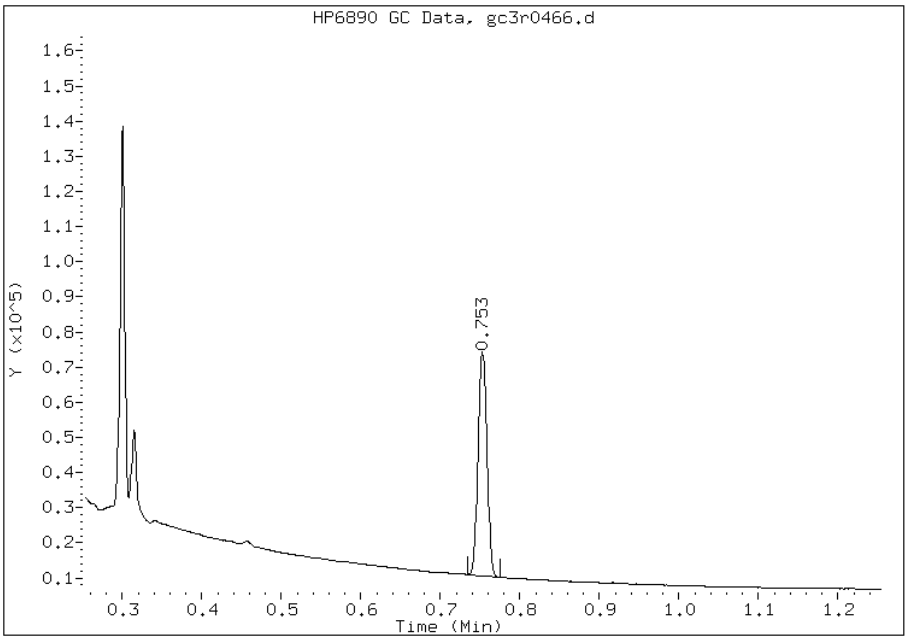
Manual Integration Results

RT: 0.75

Response: 997506

Amount: 14.40

Conc: 1.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VS Lab Sample ID: 460-52450-11

Matrix: Solid Lab File ID: gc3r0467.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 11:25

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 13:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	56		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	69		40-80

Data File: gc3r0467.d
Report Date: 21-Mar-2013 08:24

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0467.d
Lab Smp Id: 460-52450-F-11-A Client Smp ID: PMP-22-NE-VS
Inj Date : 18-MAR-2013 13:43
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-11-A
Misc Info : 460-52450-F-11-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.01000	Weight of sample extracted (g)
M	5.90476	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.628	-0.002	1319469	14.2044	1.0(M)
$ 2 Chlorobenzene (sur)	0.755	0.754	0.001	957496	13.8253	0.98(M)
3 TPH	3.602	0.580	3.022	57391987	797.627	56.5(M)

QC Flag Legend

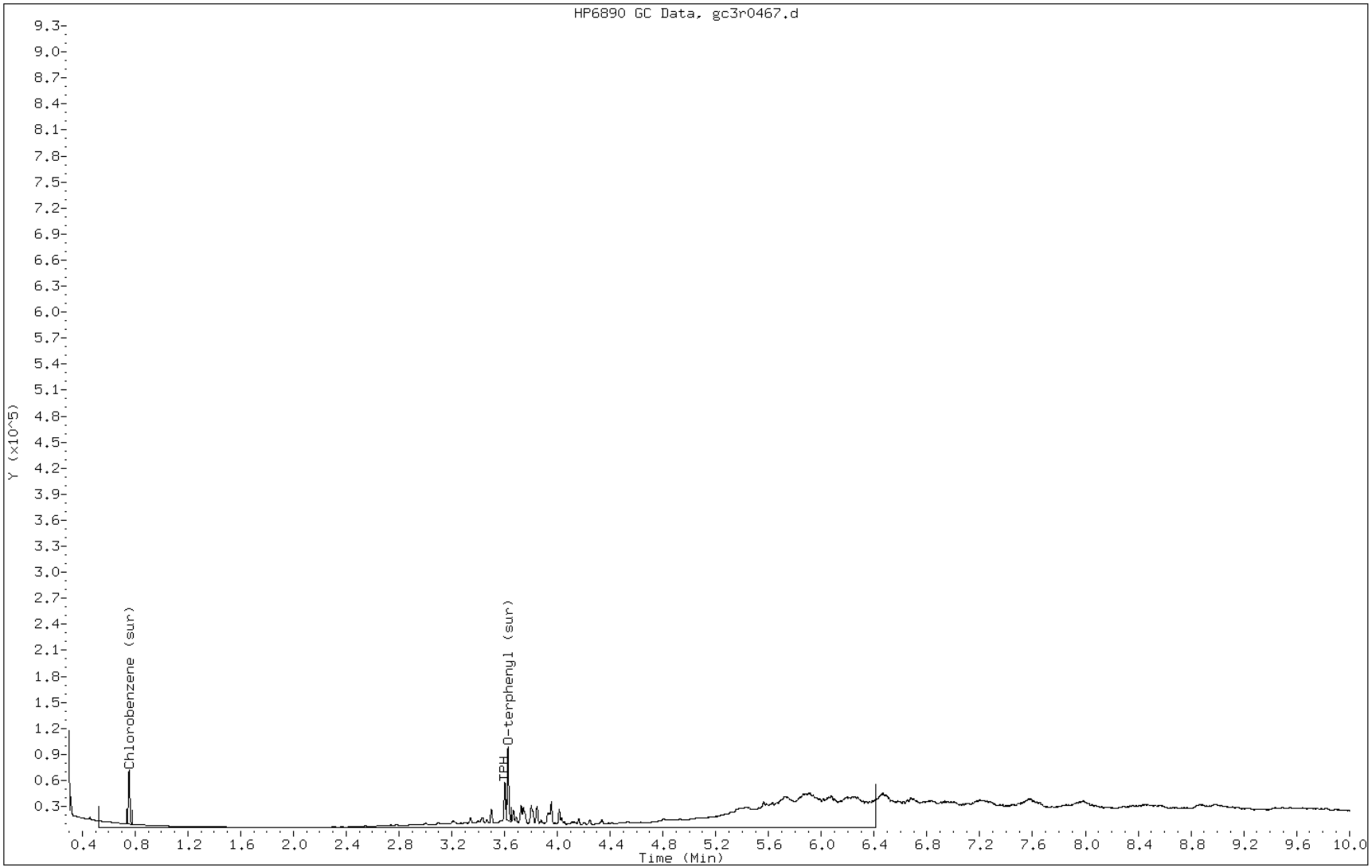
M - Compound response manually integrated.

Data File: gc3r0467.d

Date: 18-MAR-2013 13:43

Client ID: PMP-22-NE-VS Instrument: BNAGC3.i

Sample Info: 460-52450-F-11-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0467.d
Inj. Date and Time: 18-MAR-2013 13:43
Instrument ID: BNAGC3.i
Client ID: PMP-22-NE-VS
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

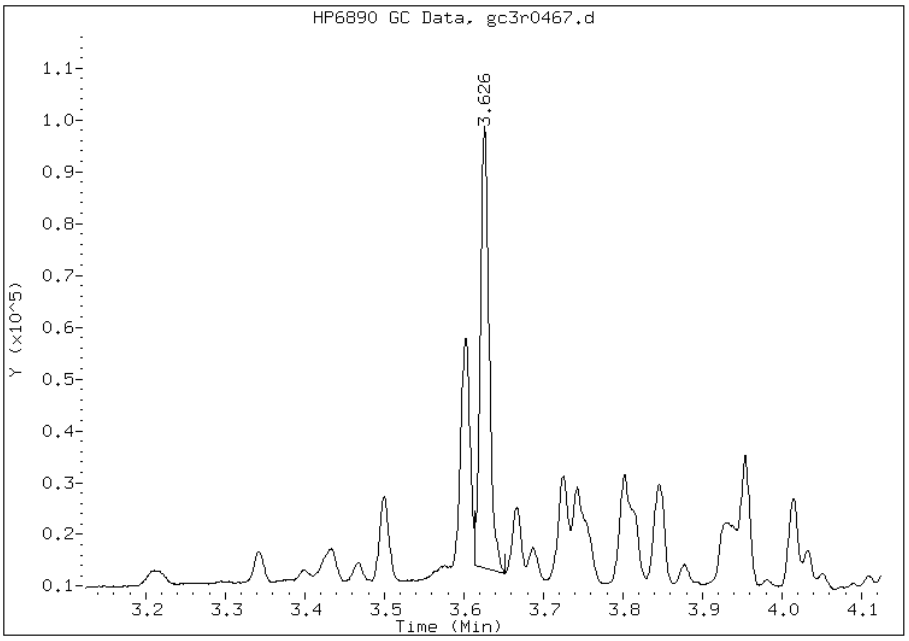
Manual Integration Results

RT: 3.63

Response: 1319469

Amount: 14.20

Conc: 1.01



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0467.d
Inj. Date and Time: 18-MAR-2013 13:43
Instrument ID: BNAGC3.i
Client ID: PMP-22-NE-VS
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

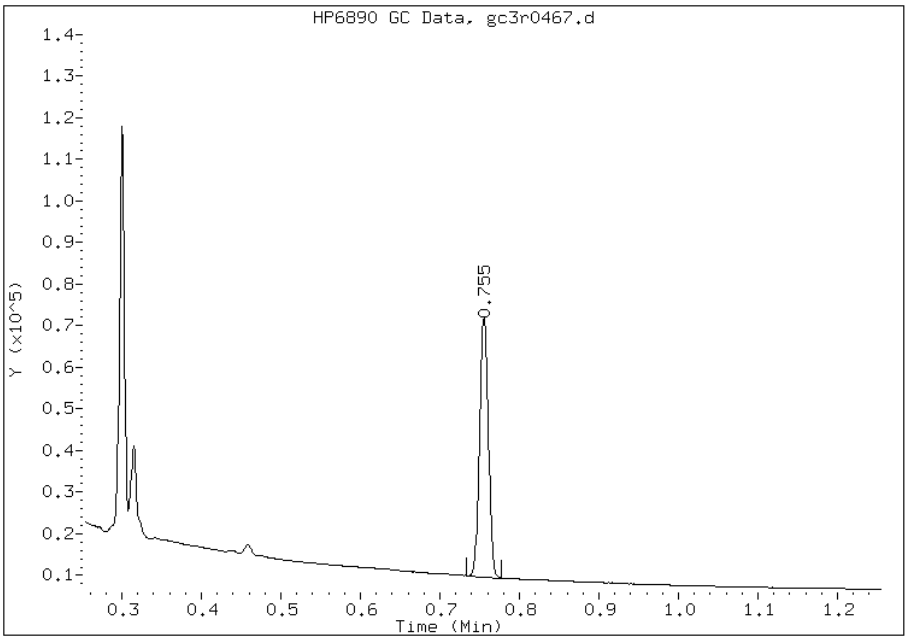
Manual Integration Results

RT: 0.76

Response: 957496

Amount: 13.83

Conc: 0.98



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-VD Lab Sample ID: 460-52450-12

Matrix: Solid Lab File ID: gc3r0468.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 11:30

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 13:57

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	20		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		50-105
108-90-7	Chlorobenzene	58		40-80

Data File: gc3r0468.d
Report Date: 21-Mar-2013 08:24

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0468.d
Lab Smp Id: 460-52450-F-12-A Client Smp ID: PMP-22-NE-VD
Inj Date : 18-MAR-2013 13:57
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-12-A
Misc Info : 460-52450-F-12-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 72
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	4.26716	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.629	3.628	0.001	1158363	12.4701	0.86(M)
$ 2 Chlorobenzene (sur)	0.754	0.754	0.000	809869	11.6937	0.81(M)
3 TPH	5.927	0.580	5.347	21215281	294.847	20.5(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0468.d

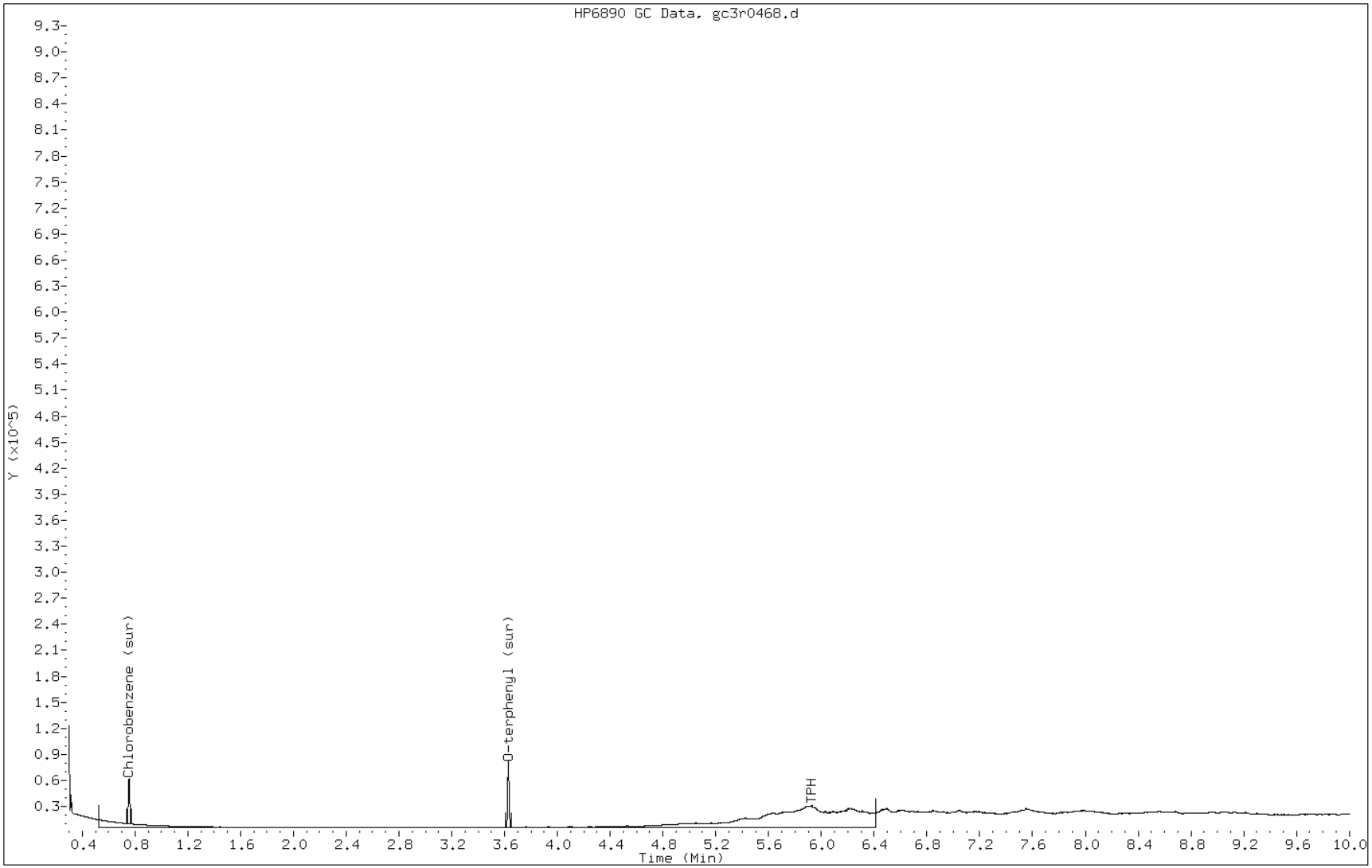
Date: 18-MAR-2013 13:57

Client ID: PMP-22-NE-VD

Instrument: BNAGC3.i

Sample Info: 460-52450-F-12-A

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0468.d
Inj. Date and Time: 18-MAR-2013 13:57
Instrument ID: BNAGC3.i
Client ID: PMP-22-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

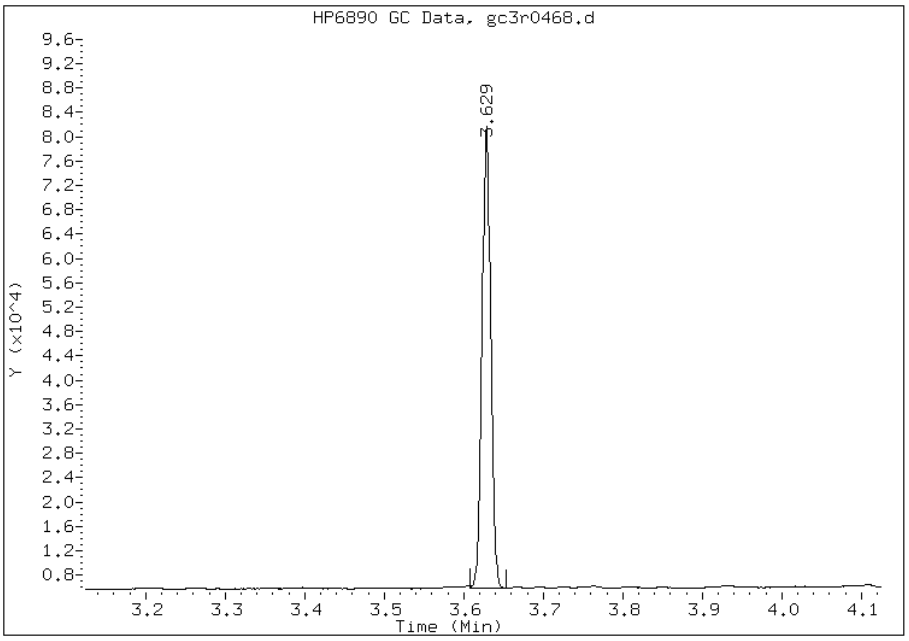
Manual Integration Results

RT: 3.63

Response: 1158363

Amount: 12.47

Conc: 0.87



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0468.d
Inj. Date and Time: 18-MAR-2013 13:57
Instrument ID: BNAGC3.i
Client ID: PMP-22-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

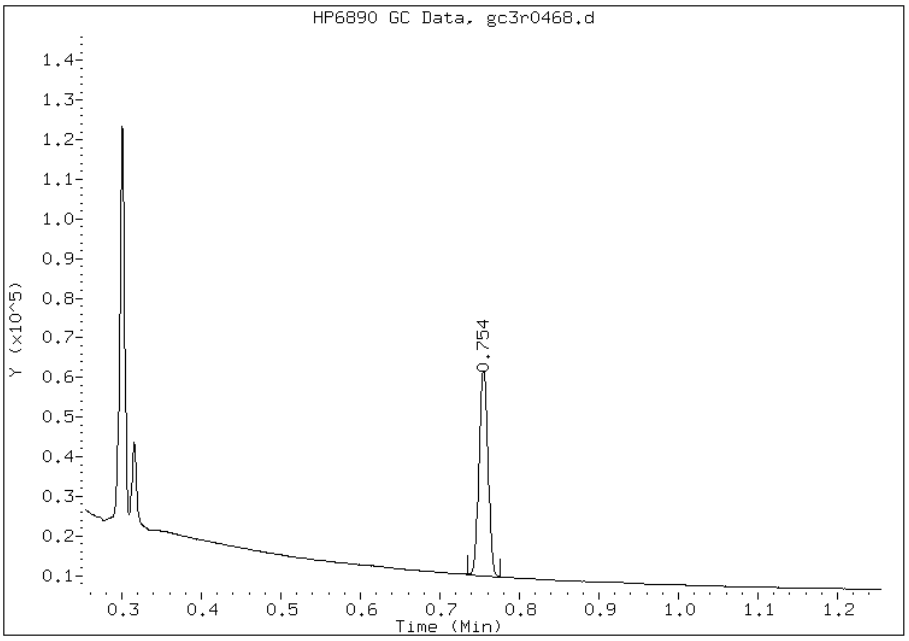
Manual Integration Results

RT: 0.75

Response: 809869

Amount: 11.69

Conc: 0.81



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-22-NE-WT Lab Sample ID: 460-52450-13

Matrix: Solid Lab File ID: gc3r0469.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 11:35

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 14:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 10.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	17		6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	70		50-105
108-90-7	Chlorobenzene	63		40-80

Data File: gc3r0469.d
Report Date: 21-Mar-2013 08:24

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0469.d
Lab Smp Id: 460-52450-F-13-A Client Smp ID: PMP-22-NE-WT
Inj Date : 18-MAR-2013 14:12
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-13-A
Misc Info : 460-52450-F-13-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 73
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	9.98217	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.628	-0.002	1293709	13.9271	1.0(M)
$ 2 Chlorobenzene (sur)	0.754	0.754	0.000	877864	12.6755	0.94(M)
3 TPH	0.523	0.580	-0.057	16874509	234.520	17.3(M)

QC Flag Legend

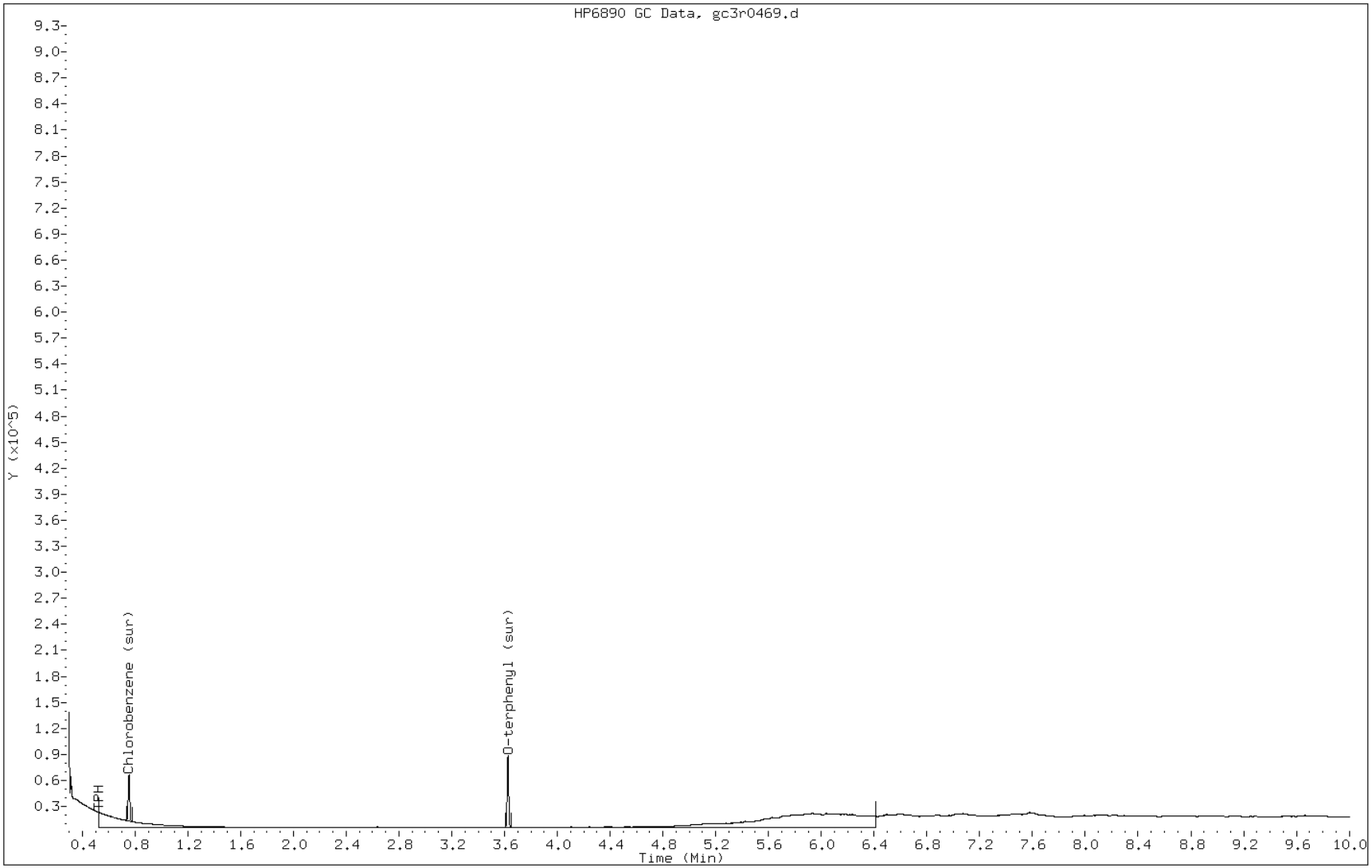
M - Compound response manually integrated.

Data File: gc3r0469.d

Date: 18-MAR-2013 14:12

Client ID: PMP-22-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-13-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0469.d
Inj. Date and Time: 18-MAR-2013 14:12
Instrument ID: BNAGC3.i
Client ID: PMP-22-NE-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

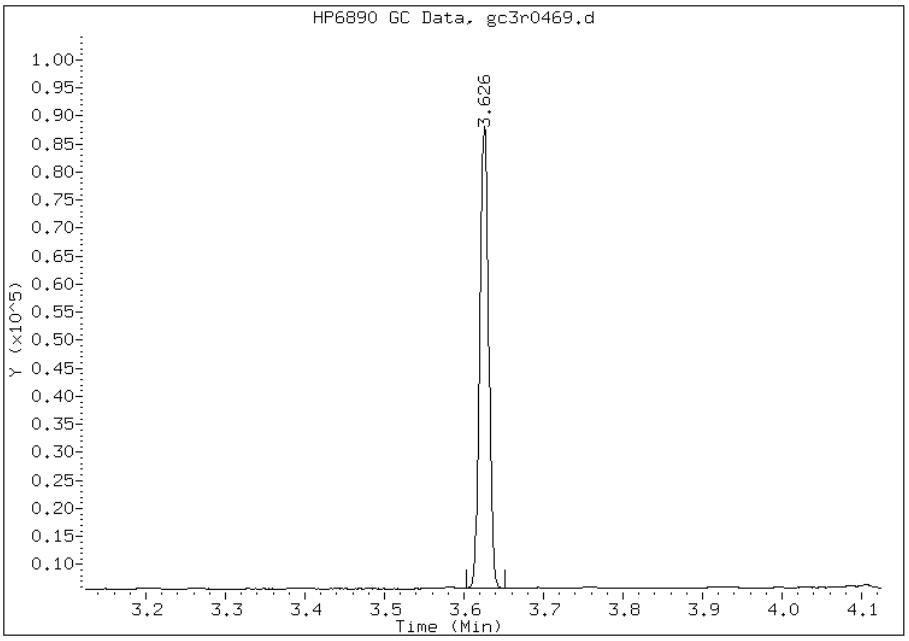
Manual Integration Results

RT: 3.63

Response: 1293709

Amount: 13.93

Conc: 1.03



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0469.d
Inj. Date and Time: 18-MAR-2013 14:12
Instrument ID: BNAGC3.i
Client ID: PMP-22-NE-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

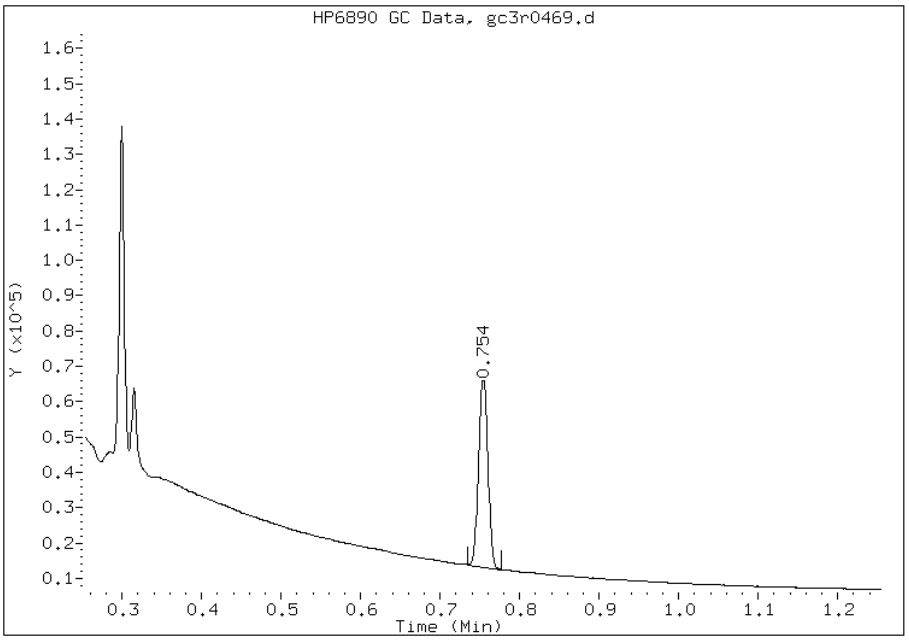
Manual Integration Results

RT: 0.75

Response: 877864

Amount: 12.68

Conc: 0.94



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-VD Lab Sample ID: 460-52450-14

Matrix: Solid Lab File ID: gc3r0472.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 11:50

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 14:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	12		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	65		50-105
108-90-7	Chlorobenzene	61		40-80

Data File: gc3r0472.d
Report Date: 21-Mar-2013 08:25

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0472.d
Lab Smp Id: 460-52450-F-14-A Client Smp ID: PMP-6-NE-VD
Inj Date : 18-MAR-2013 14:54
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-14-A
Misc Info : 460-52450-F-14-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:24 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 74
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	4.78632	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.627	3.624	0.003	1216340	13.0942	0.91(M)
$ 2 Chlorobenzene (sur)	0.753	0.755	-0.002	839882	12.1270	0.85(M)
3 TPH	0.524	0.581	-0.057	11899936	165.384	11.5(M)

QC Flag Legend

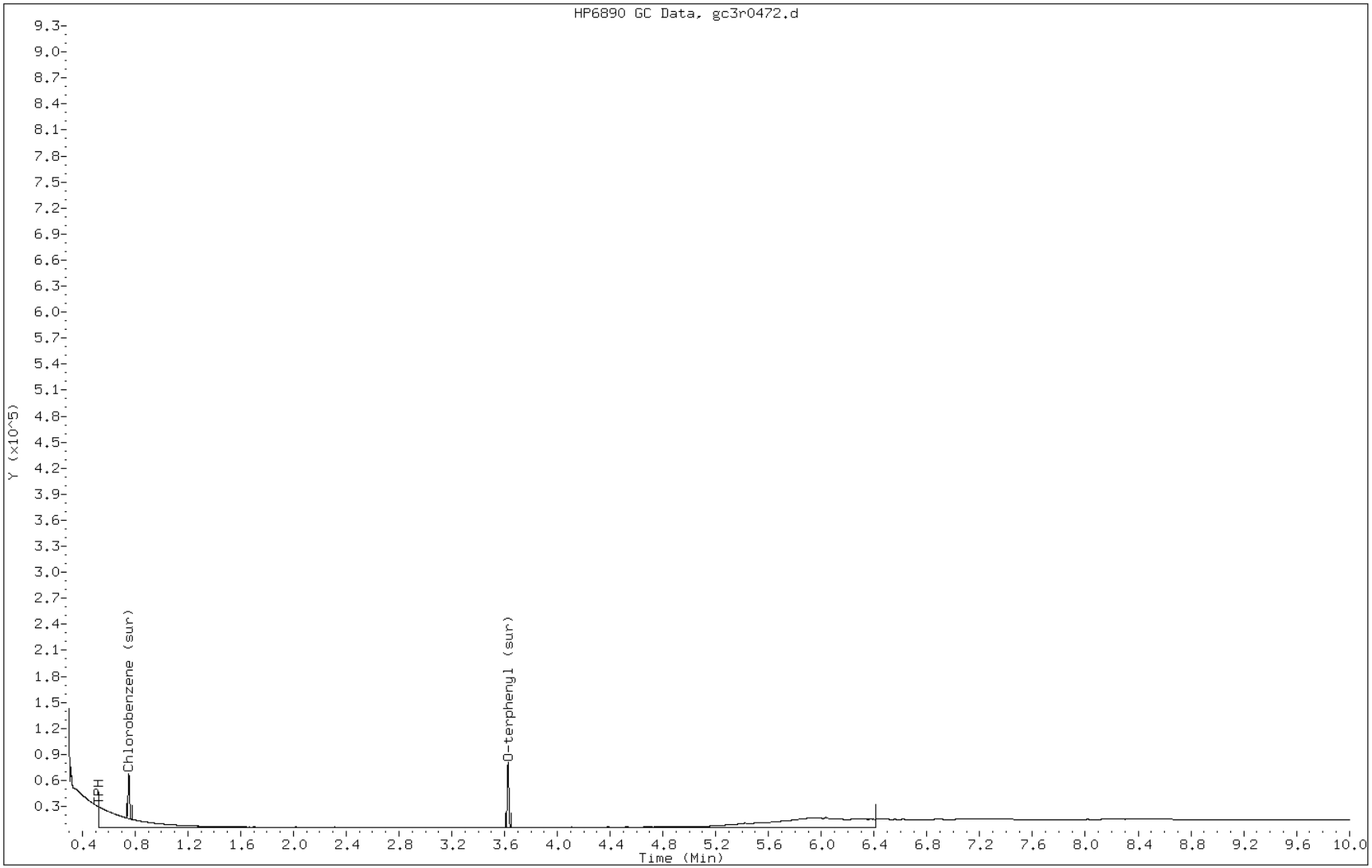
M - Compound response manually integrated.

Data File: gc3r0472.d

Date: 18-MAR-2013 14:54

Client ID: PMP-6-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-14-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0472.d
Inj. Date and Time: 18-MAR-2013 14:54
Instrument ID: BNAGC3.i
Client ID: PMP-6-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

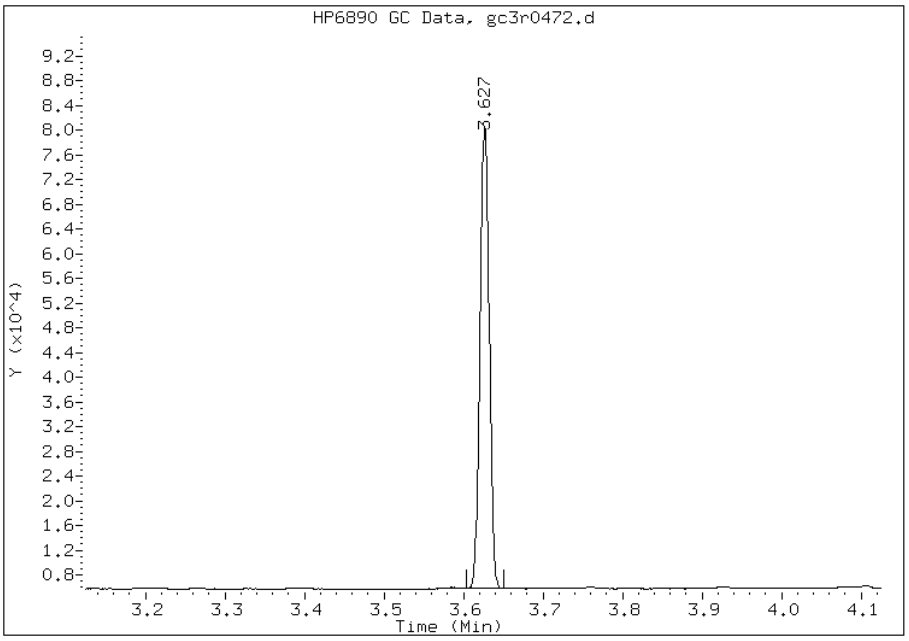
Manual Integration Results

RT: 3.63

Response: 1216340

Amount: 13.09

Conc: 0.91



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0472.d
Inj. Date and Time: 18-MAR-2013 14:54
Instrument ID: BNAGC3.i
Client ID: PMP-6-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

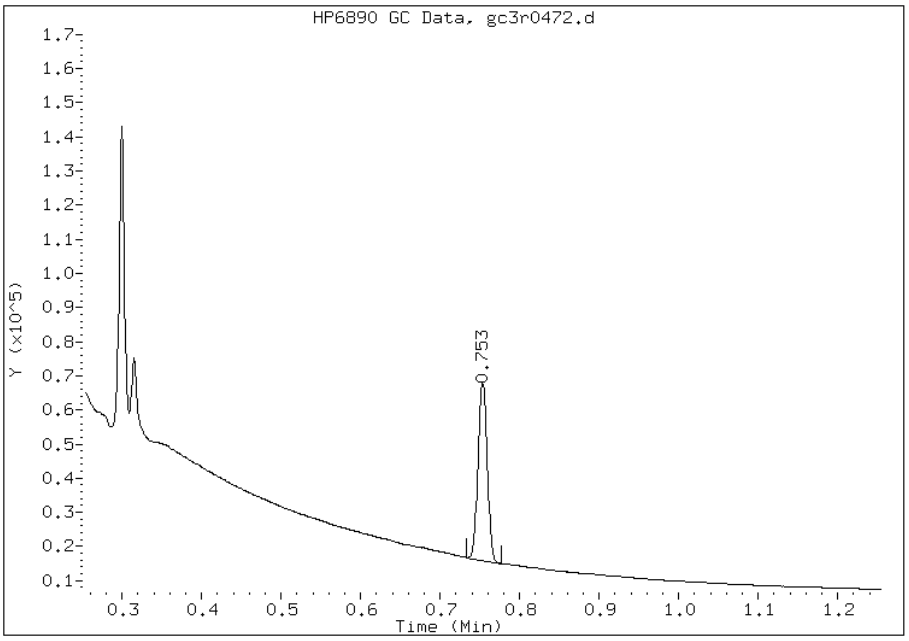
Manual Integration Results

RT: 0.75

Response: 839882

Amount: 12.13

Conc: 0.85



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-WT Lab Sample ID: 460-52450-15

Matrix: Solid Lab File ID: gc3r0473.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 11:55

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 15:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	220		6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	76		50-105
108-90-7	Chlorobenzene	59		40-80

Data File: gc3r0473.d
Report Date: 21-Mar-2013 08:25

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0473.d
Lab Smp Id: 460-52450-F-15-A Client Smp ID: PMP-6-NE-WT
Inj Date : 18-MAR-2013 15:08
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-15-A
Misc Info : 460-52450-F-15-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:24 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 75
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	10.44521	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.629	3.624	0.005	1408980	15.1680	1.1(M)
$ 2 Chlorobenzene (sur)	0.757	0.755	0.002	815715	11.7781	0.88(M)
3 TPH	3.220	0.581	2.639	216540065	3009.45	224(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0473.d

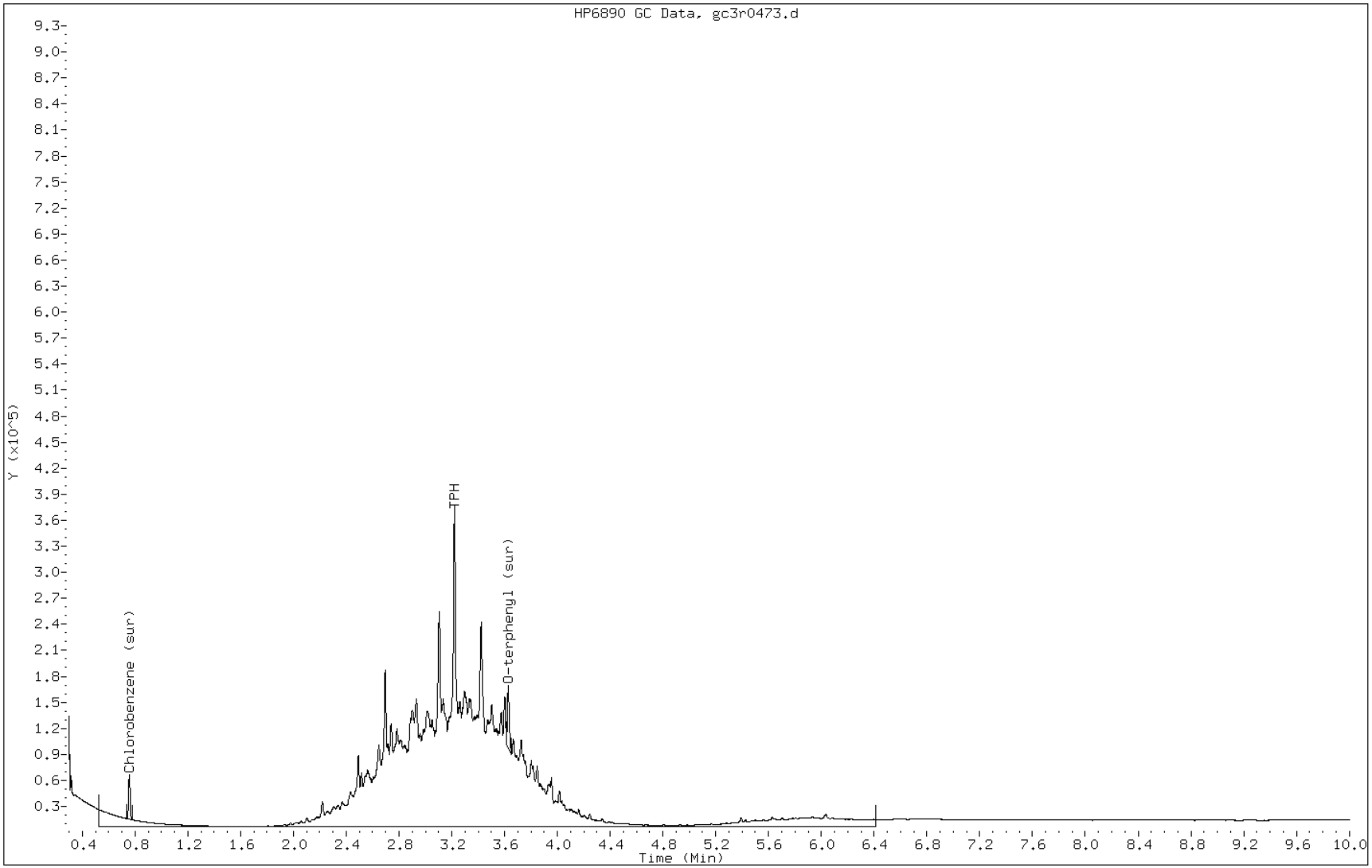
Date: 18-MAR-2013 15:08

Client ID: PMP-6-NE-WT

Instrument: BNAGC3.i

Sample Info: 460-52450-F-15-A

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0473.d
Inj. Date and Time: 18-MAR-2013 15:08
Instrument ID: BNAGC3.i
Client ID: PMP-6-NE-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

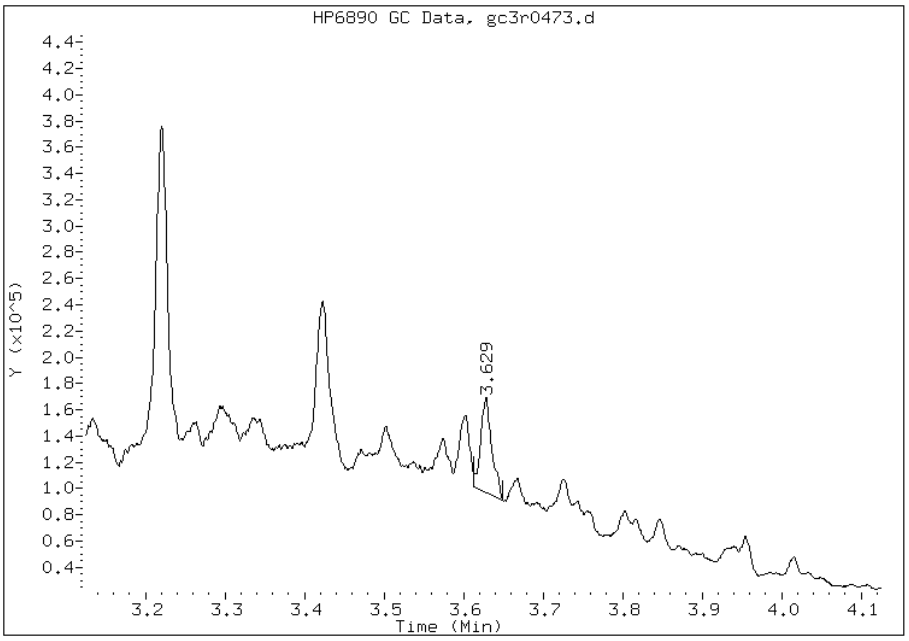
Manual Integration Results

RT: 3.63

Response: 1408980

Amount: 15.17

Conc: 1.13



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0473.d
Inj. Date and Time: 18-MAR-2013 15:08
Instrument ID: BNAGC3.i
Client ID: PMP-6-NE-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

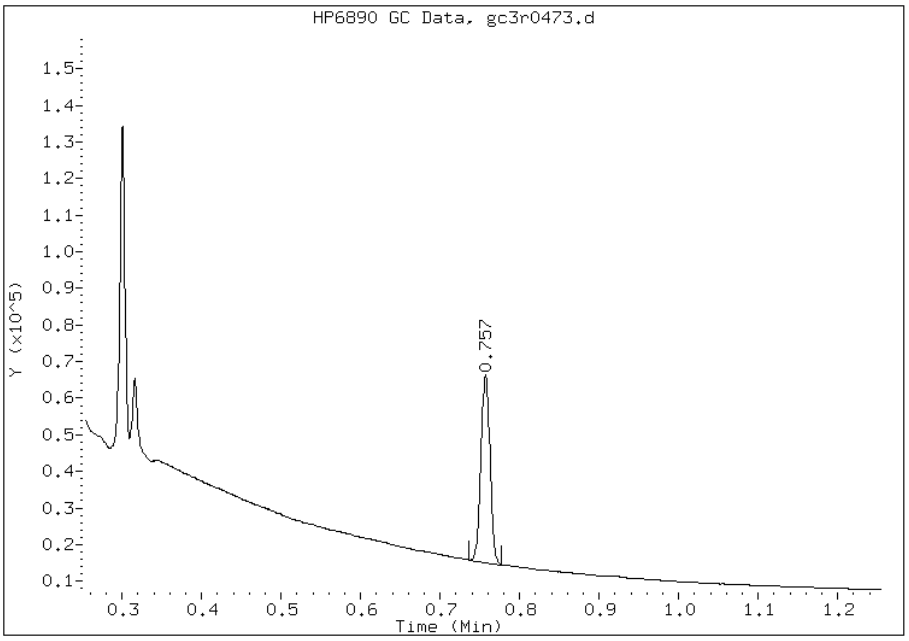
Manual Integration Results

RT: 0.76

Response: 815715

Amount: 11.78

Conc: 0.88



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-6-NE-SI Lab Sample ID: 460-52450-16

Matrix: Solid Lab File ID: gc3r0554.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 12:00

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.03(g) Date Analyzed: 03/19/2013 14:11

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1000		32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		50-105
108-90-7	Chlorobenzene	61		40-80

Data File: gc3r0554.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0554.d
Lab Smp Id: 460-52450-F-16-A Client Smp ID: PMP-6-NE-SI
Inj Date : 19-MAR-2013 14:11
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-16-A
Misc Info : 460-52450-F-16-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 57
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.03000	Weight of sample extracted (g)
M	13.61940	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.576	3.625	-0.049	350938	3.77794	1.4(aM)
$ 2 Chlorobenzene (sur)	0.754	0.753	0.001	169752	2.45105	0.94(aM)
3 TPH	3.218	0.579	2.639	186850293	2596.82	1000(M)

QC Flag Legend

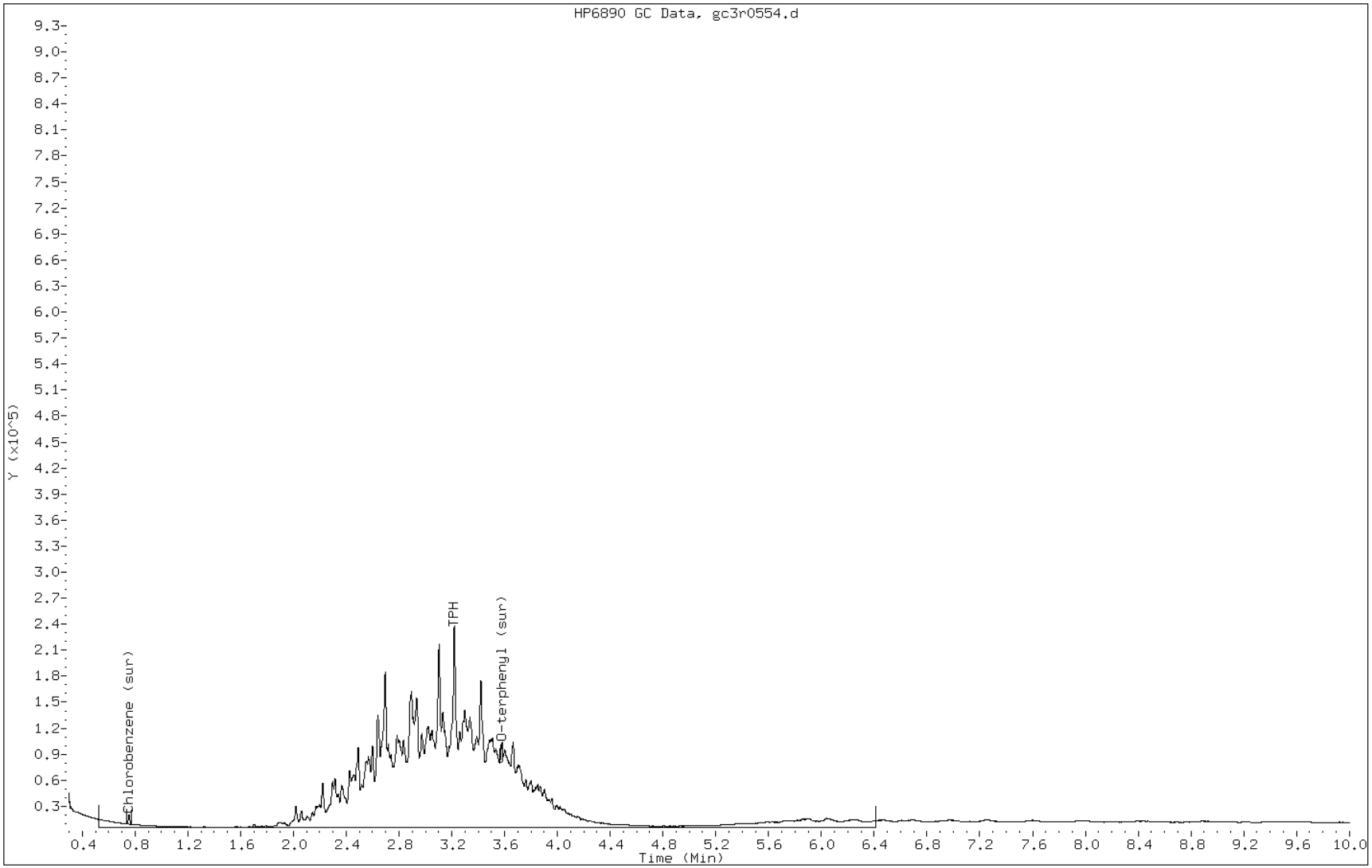
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gc3r0554.d

Date: 19-MAR-2013 14:11

Client ID: PMP-6-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-16-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0554.d
Inj. Date and Time: 19-MAR-2013 14:11
Instrument ID: BNAGC3.i
Client ID: PMP-6-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

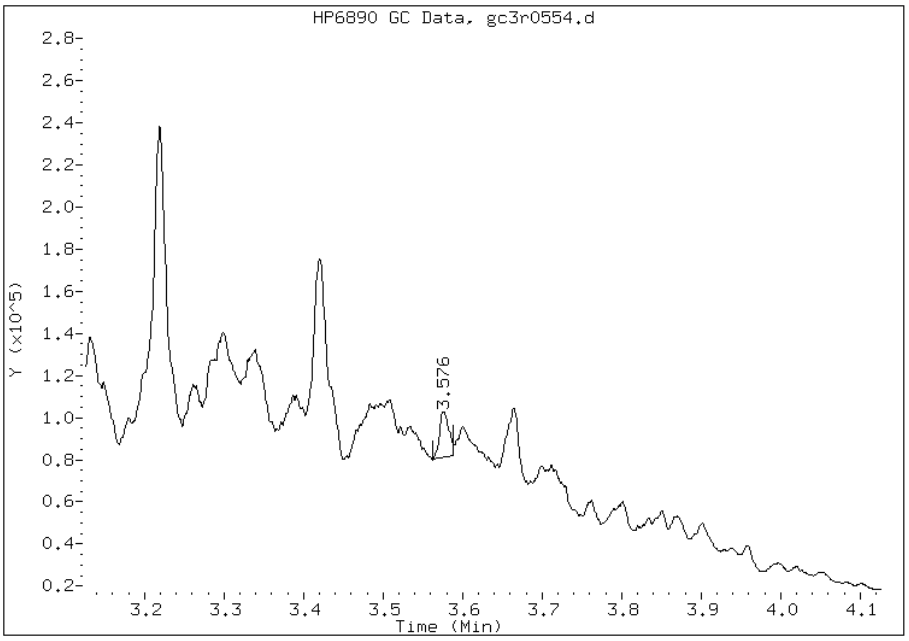
Manual Integration Results

RT: 3.58

Response: 350938

Amount: 3.78

Conc: 1.45



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0554.d
Inj. Date and Time: 19-MAR-2013 14:11
Instrument ID: BNAGC3.i
Client ID: PMP-6-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

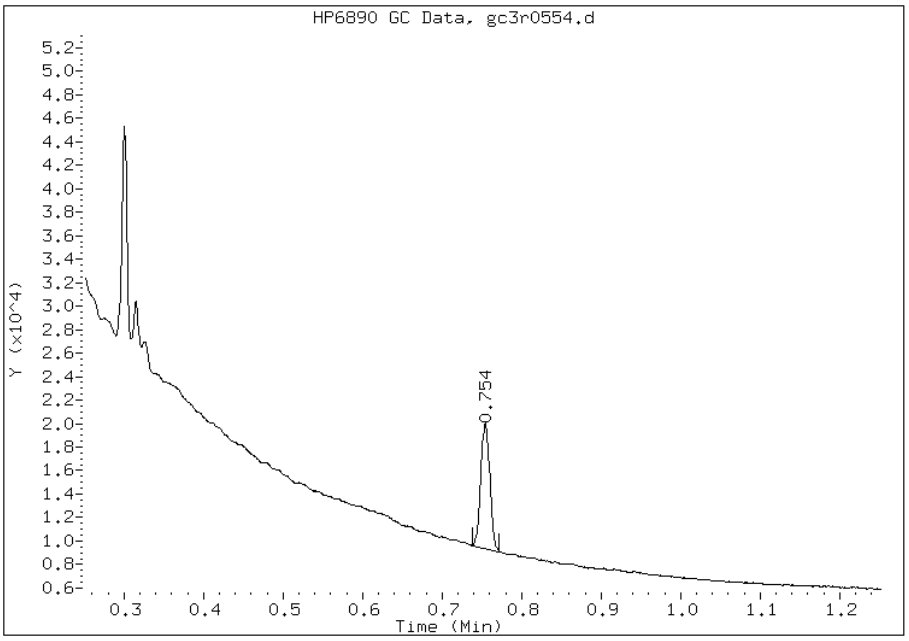
Manual Integration Results

RT: 0.75

Response: 169752

Amount: 2.45

Conc: 0.94



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-VD Lab Sample ID: 460-52450-17

Matrix: Solid Lab File ID: gc3r0475.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 12:20

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 15:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9.0		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	67		50-105
108-90-7	Chlorobenzene	61		40-80

Data File: gc3r0475.d
Report Date: 21-Mar-2013 08:25

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0475.d
Lab Smp Id: 460-52450-F-17-A Client Smp ID: PMP-5-NE-VD
Inj Date : 18-MAR-2013 15:36
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-17-A
Misc Info : 460-52450-F-17-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:24 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 77
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	3.50877	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.624	0.002	1247511	13.4298	0.92(M)
$ 2 Chlorobenzene (sur)	0.755	0.755	0.000	849426	12.2648	0.84(M)
3 TPH	0.524	0.581	-0.057	9417330	130.881	9.0(M)

QC Flag Legend

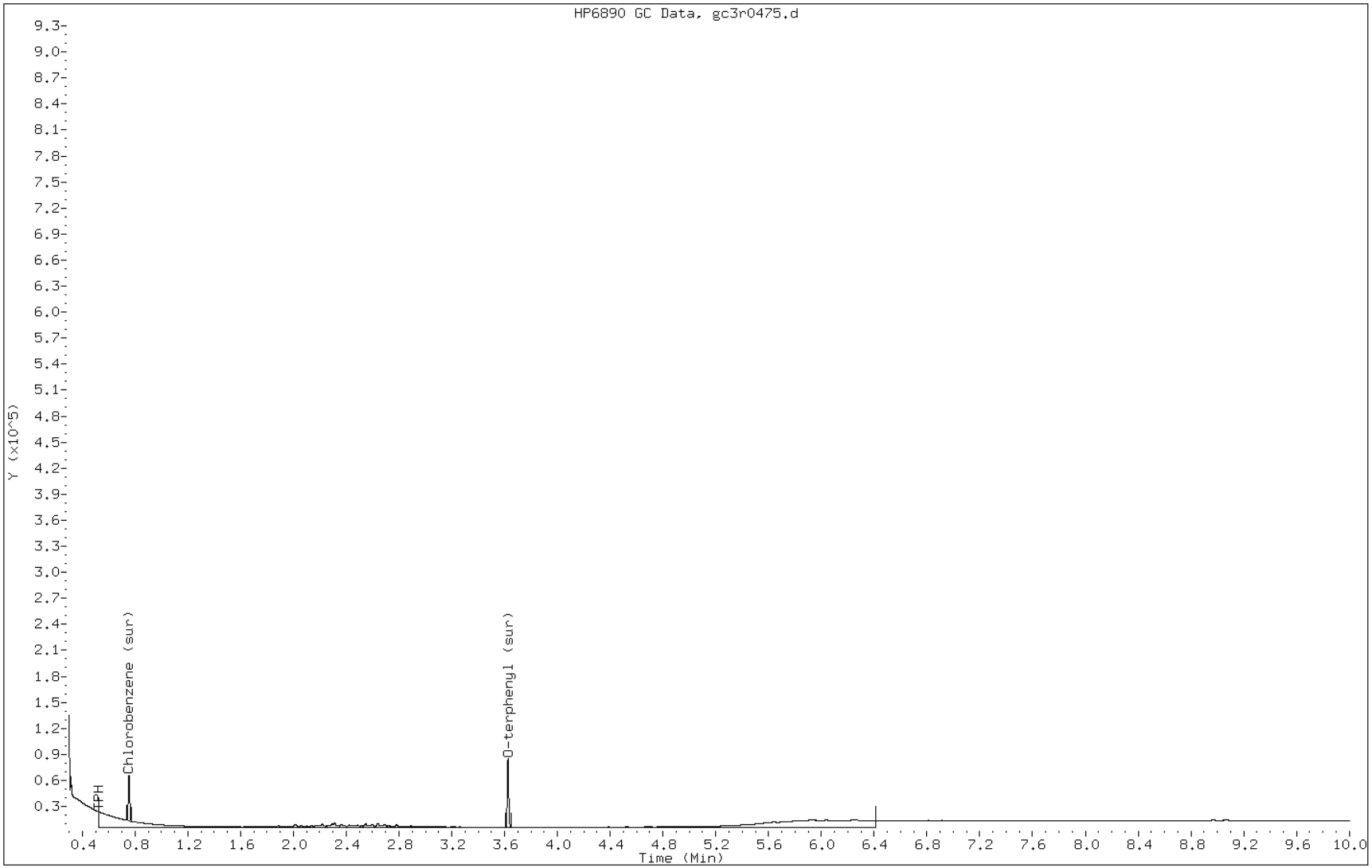
M - Compound response manually integrated.

Data File: gc3r0475.d

Date: 18-MAR-2013 15:36

Client ID: PMP-5-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-17-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0475.d
Inj. Date and Time: 18-MAR-2013 15:36
Instrument ID: BNAGC3.i
Client ID: PMP-5-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

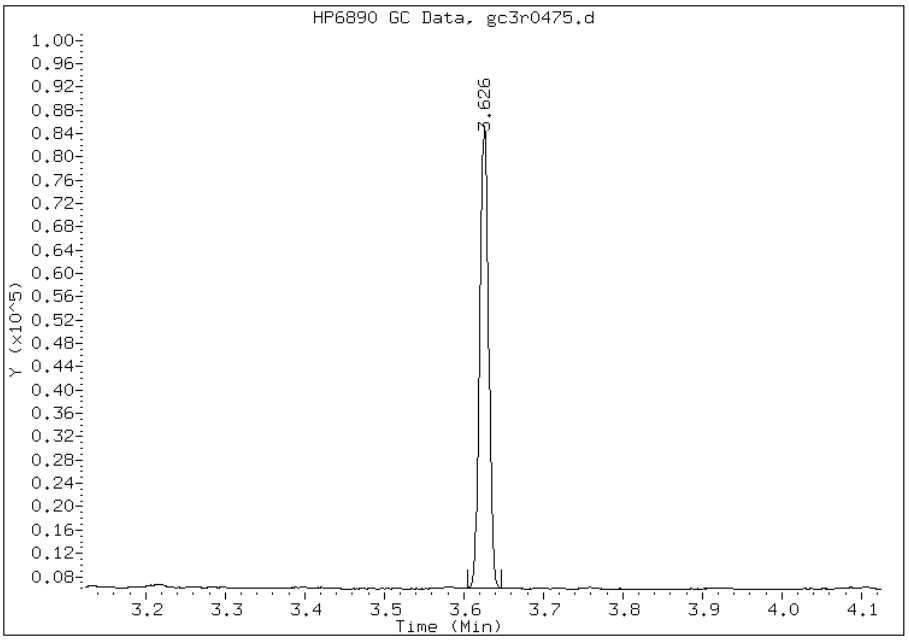
Manual Integration Results

RT: 3.63

Response: 1247511

Amount: 13.43

Conc: 0.93



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0475.d
Inj. Date and Time: 18-MAR-2013 15:36
Instrument ID: BNAGC3.i
Client ID: PMP-5-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

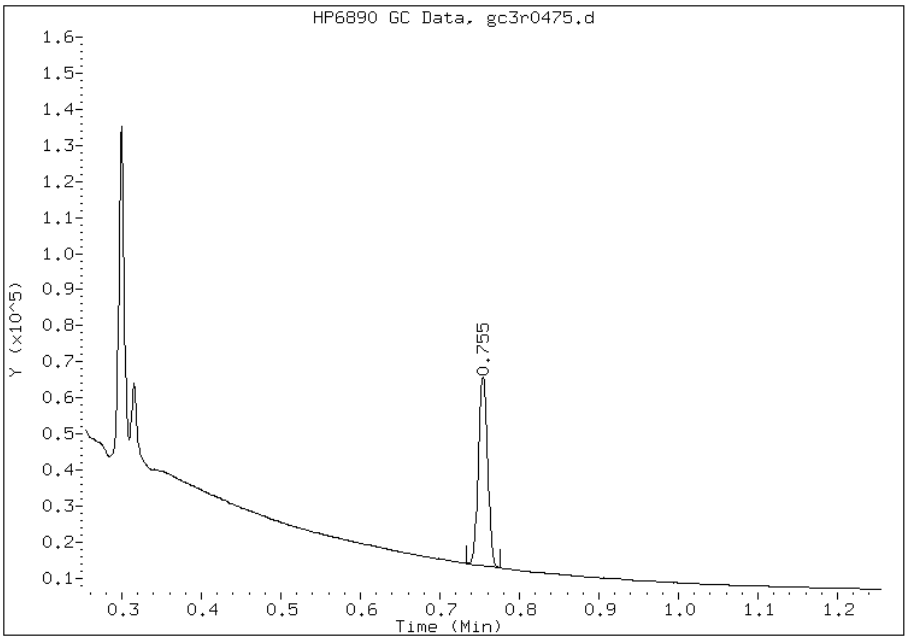
Manual Integration Results

RT: 0.75

Response: 849426

Amount: 12.26

Conc: 0.85



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-WT Lab Sample ID: 460-52450-18

Matrix: Solid Lab File ID: gc3r0555.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 12:25

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 14:25

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 8.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1900		60	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0555.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0555.d
Lab Smp Id: 460-52450-F-18-A Client Smp ID: PMP-5-NE-WT
Inj Date : 19-MAR-2013 14:25
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-18-A
Misc Info : 460-52450-F-18-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 58
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	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	8.06175	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

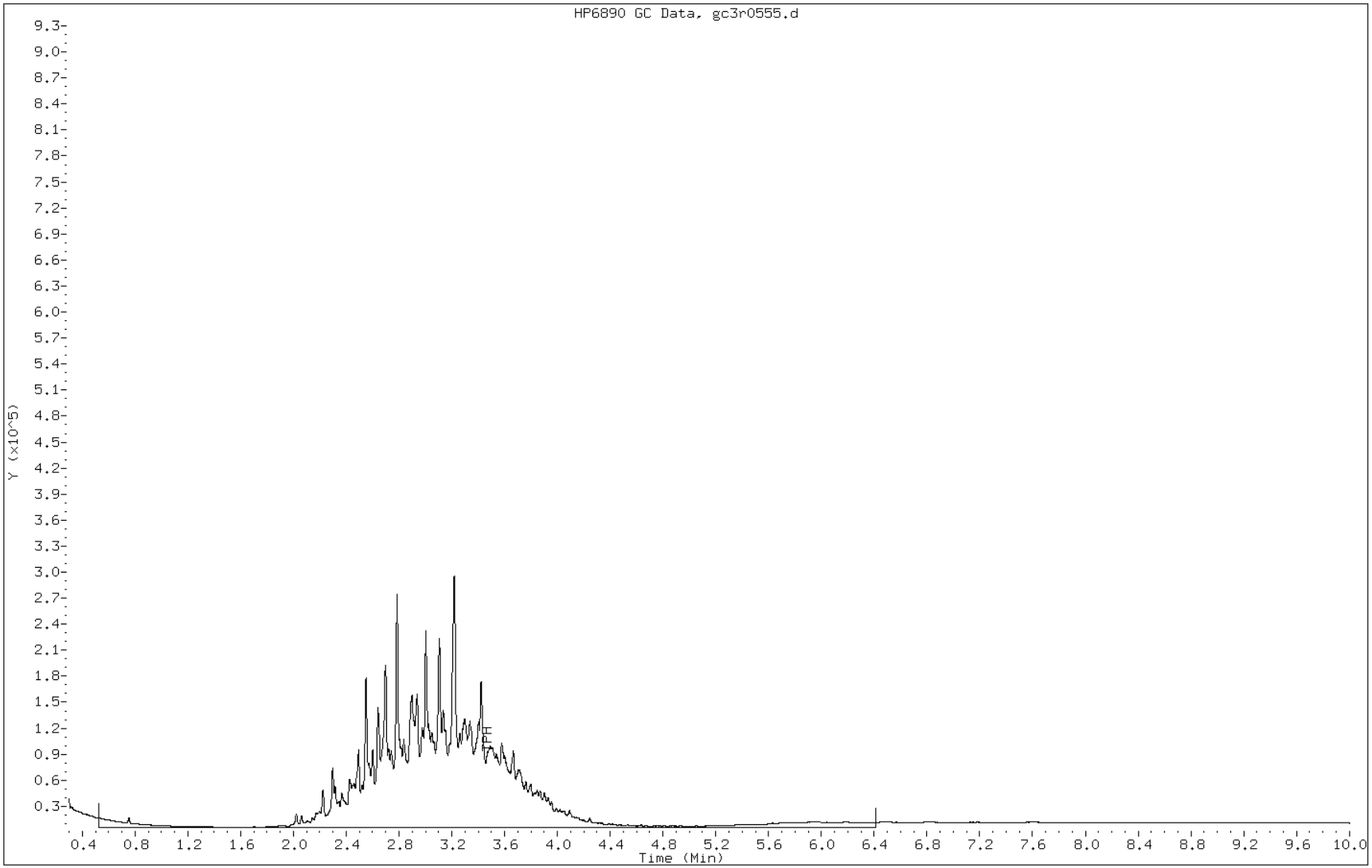
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.467	0.579	2.888	184620203	2565.83	1860

Data File: gc3r0555.d

Date: 19-MAR-2013 14:25

Client ID: PMP-5-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-18-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-5-NE-SI Lab Sample ID: 460-52450-19

Matrix: Solid Lab File ID: gc3r0556.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 12:30

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 14:39

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	920		32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	52		50-105
108-90-7	Chlorobenzene	71		40-80

Data File: gc3r0556.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0556.d
Lab Smp Id: 460-52450-F-19-A Client Smp ID: PMP-5-NE-SI
Inj Date : 19-MAR-2013 14:39
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-19-A
Misc Info : 460-52450-F-19-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 59
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.00000	Weight of sample extracted (g)
M	14.12844	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.624	3.625	-0.001	191740	2.06413	0.80(aM)
$ 2 Chlorobenzene (sur)	0.754	0.753	0.001	197245	2.84802	1.1(aM)
3 TPH	3.219	0.579	2.640	169870186	2360.84	916(M)

QC Flag Legend

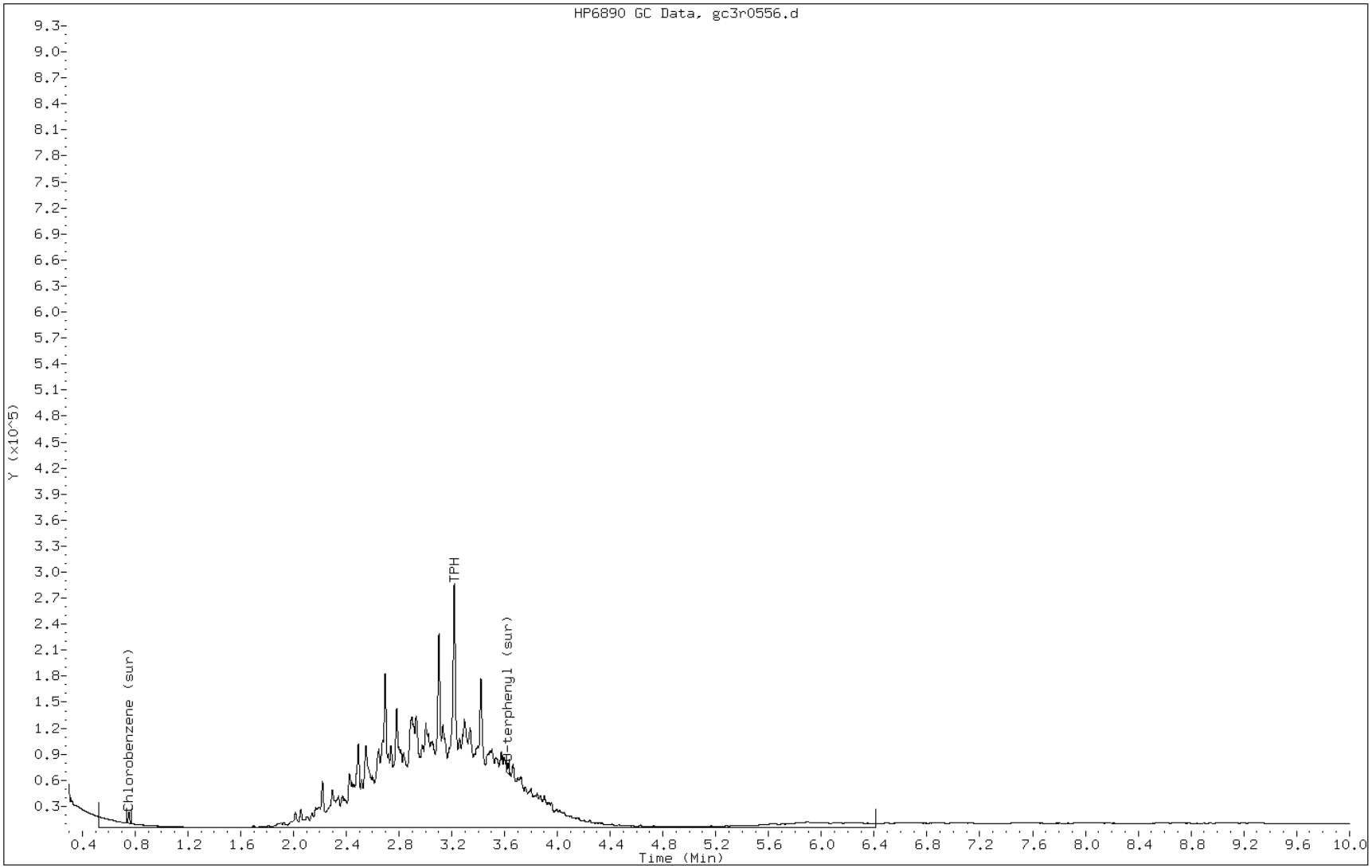
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gc3r0556.d

Date: 19-MAR-2013 14:39

Client ID: PMP-5-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-19-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0556.d
Inj. Date and Time: 19-MAR-2013 14:39
Instrument ID: BNAGC3.i
Client ID: PMP-5-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

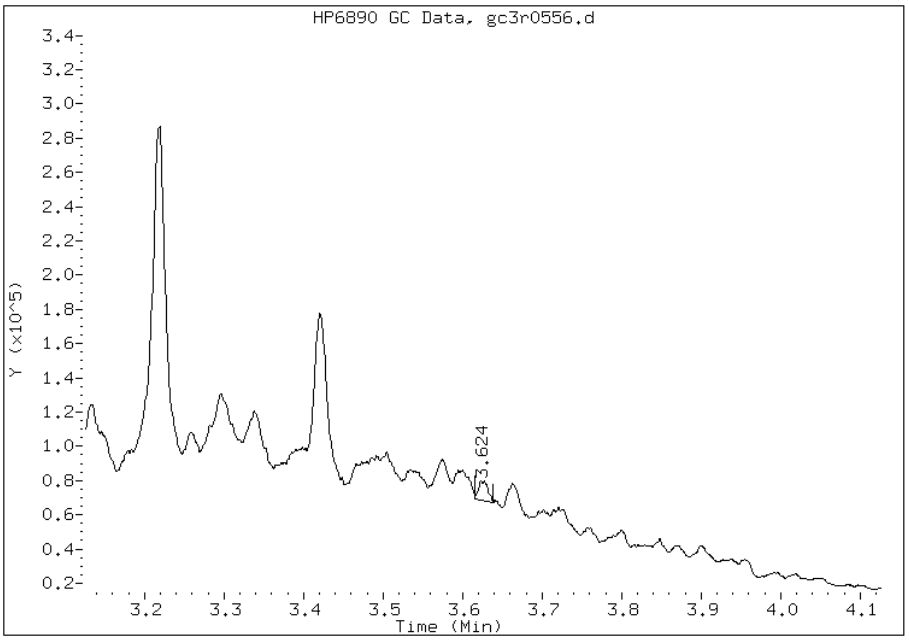
Manual Integration Results

RT: 3.62

Response: 191740

Amount: 2.06

Conc: 0.80



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0556.d
Inj. Date and Time: 19-MAR-2013 14:39
Instrument ID: BNAGC3.i
Client ID: PMP-5-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

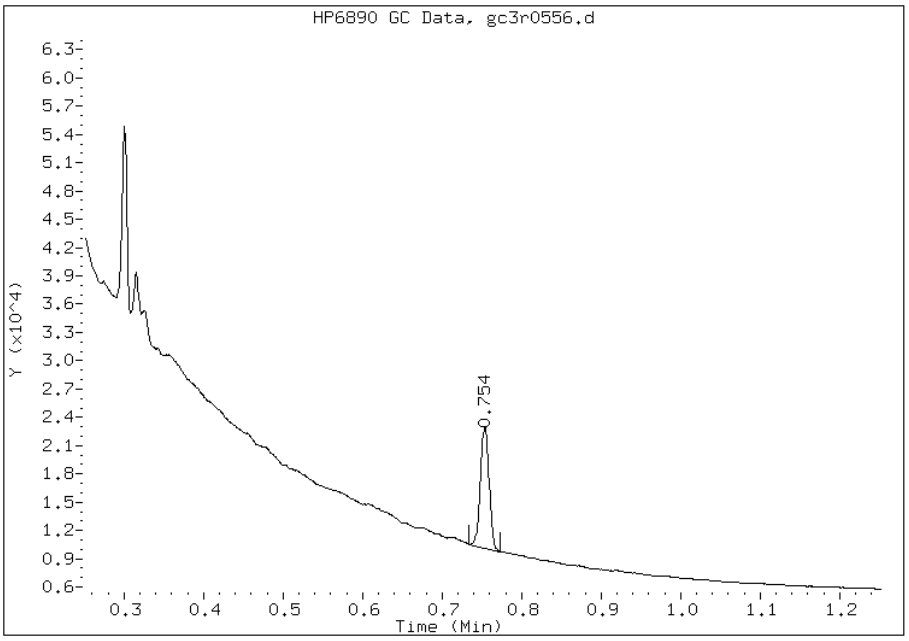
Manual Integration Results

RT: 0.75

Response: 197245

Amount: 2.85

Conc: 1.11



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD Lab Sample ID: 460-52450-20

Matrix: Solid Lab File ID: gc3r0550.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 13:45

Extraction Method: 3546 Date Extracted: 03/18/2013 13:31

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 13:15

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2800		58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0550.d
Report Date: 21-Mar-2013 10:11

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0550.d
Lab Smp Id: 460-52450-F-20-D Client Smp ID: PMP-7-NE-VD
Inj Date : 19-MAR-2013 13:15
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-20-D
Misc Info : 460-52450-F-20-D
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 33
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	5.73477	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

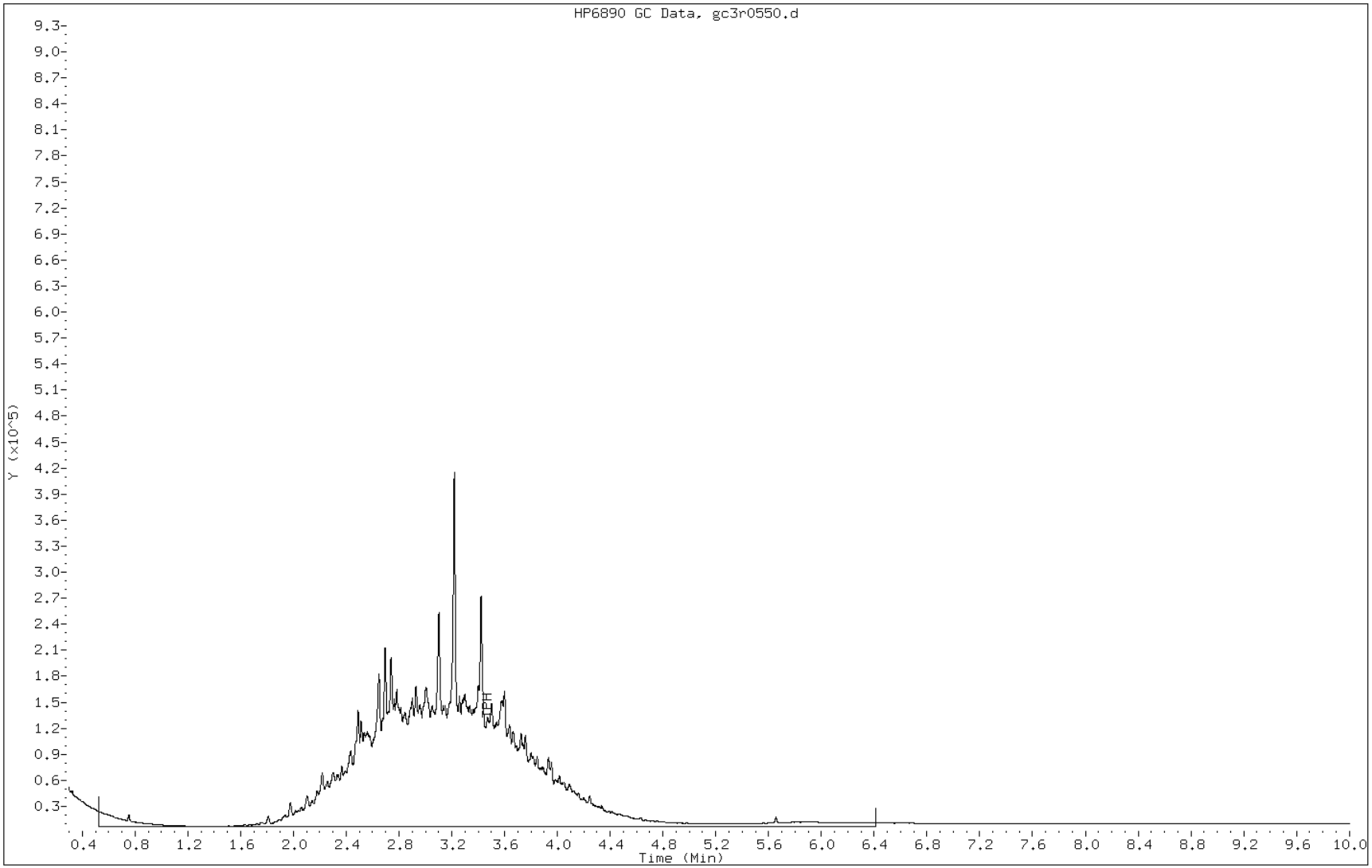
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.466	0.579	2.887	281047134	3905.96	2760

Data File: gc3r0550.d

Date: 19-MAR-2013 13:15

Client ID: PMP-7-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-20-D Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-WT Lab Sample ID: 460-52450-21

Matrix: Solid Lab File ID: gc3r0557.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 13:50

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 14:53

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	4300		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0557.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0557.d
Lab Smp Id: 460-52450-F-21-B Client Smp ID: PMP-7-NE-WT
Inj Date : 19-MAR-2013 14:53
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-21-B
Misc Info : 460-52450-F-21-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 60
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.00000	Weight of sample extracted (g)
M	6.60377	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

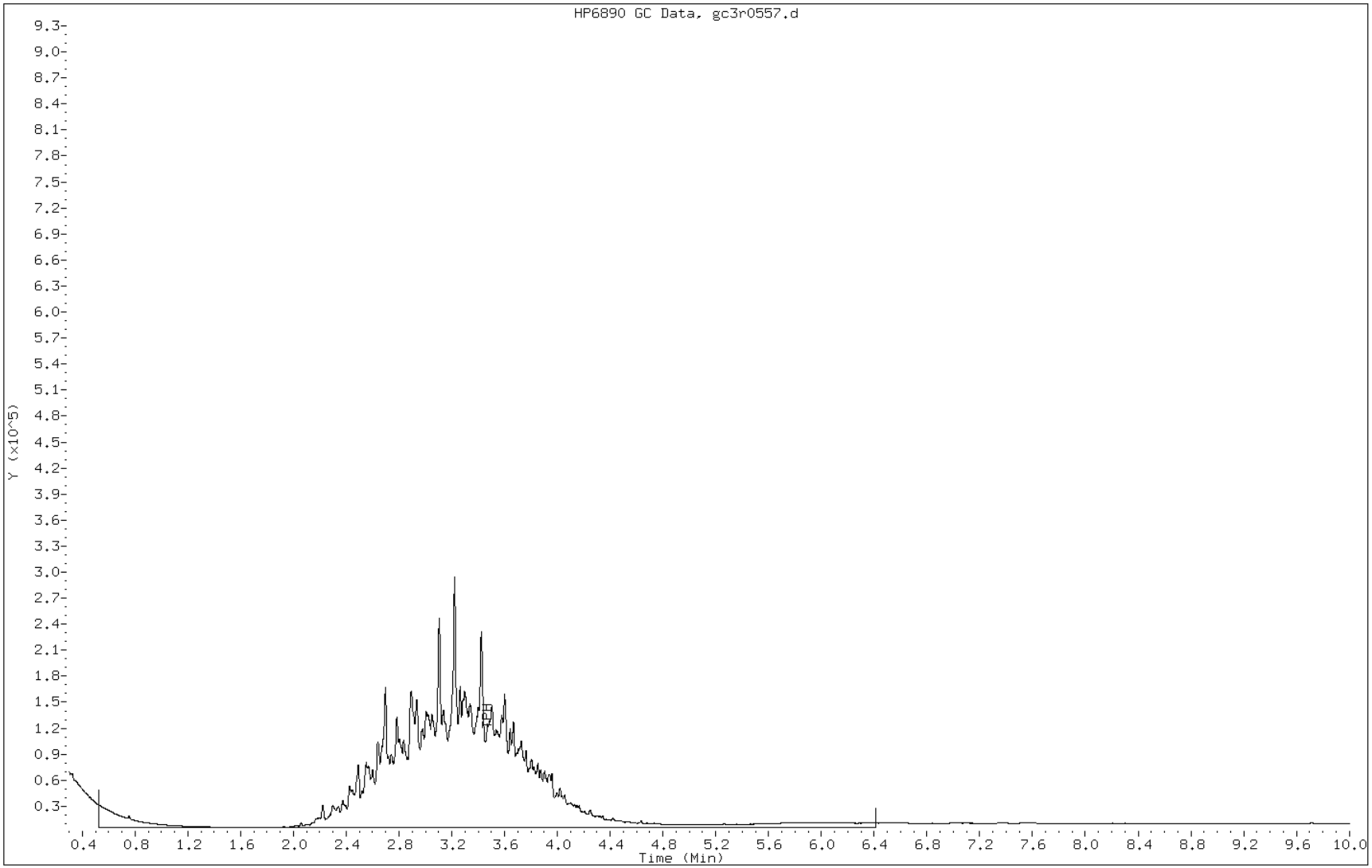
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.467	0.579	2.888	216176889	3004.40	4290

Data File: gc3r0557.d

Date: 19-MAR-2013 14:53

Client ID: PMP-7-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-21-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-SI Lab Sample ID: 460-52450-22

Matrix: Solid Lab File ID: gc3r0558.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 13:55

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 15:07

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1500		66	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0558.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0558.d
Lab Smp Id: 460-52450-F-22-B Client Smp ID: PMP-7-NE-SI
Inj Date : 19-MAR-2013 15:07
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-22-B
Misc Info : 460-52450-F-22-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 61
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	16.40625	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

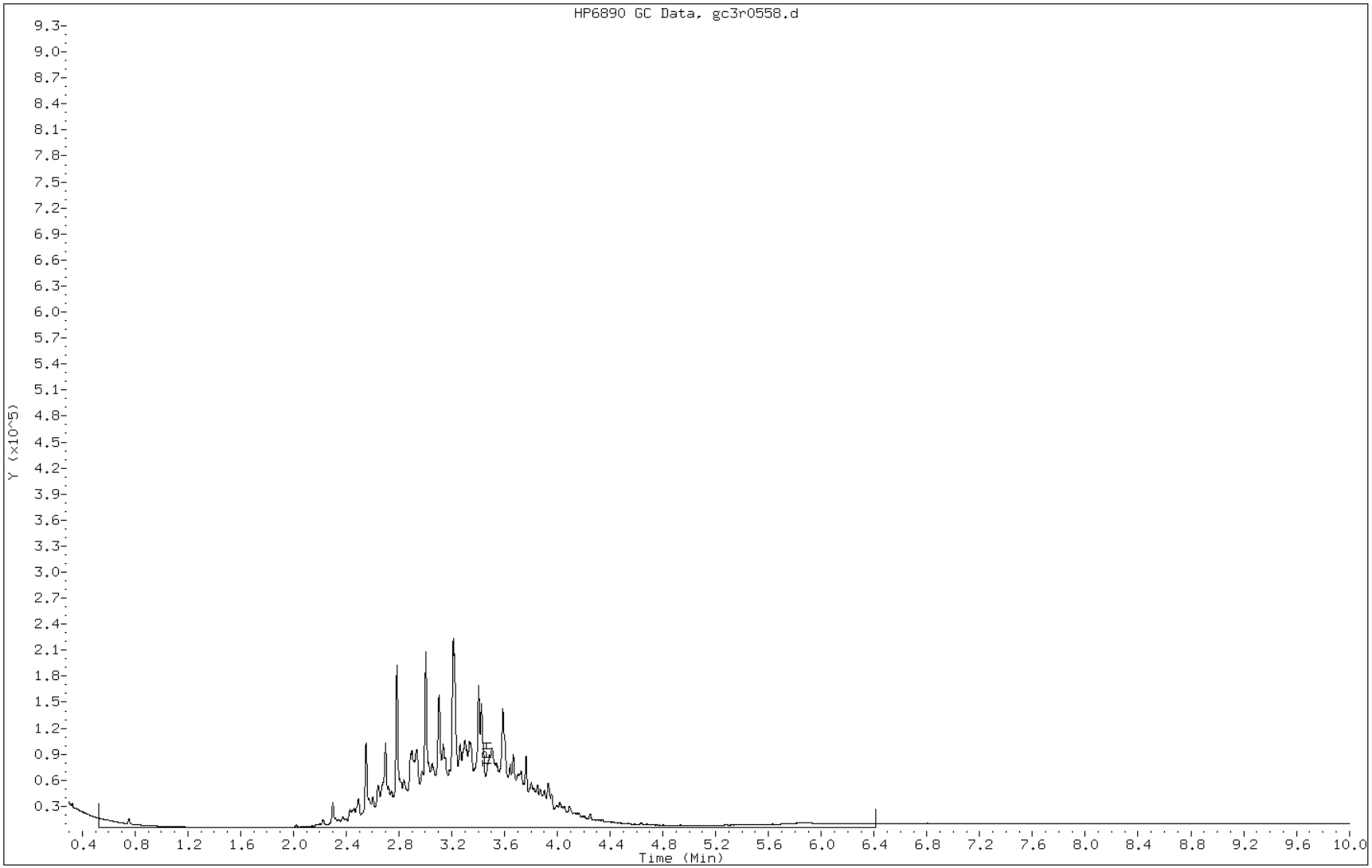
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.466	0.579	2.887	136834375	1901.71	1520

Data File: gc3r0558.d

Date: 19-MAR-2013 15:07

Client ID: PMP-7-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-22-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-VD Lab Sample ID: 460-52450-23

Matrix: Solid Lab File ID: gc3r0491.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 14:25

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.01(g) Date Analyzed: 03/18/2013 23:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 7.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	150		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		50-105
108-90-7	Chlorobenzene	65		40-80

Data File: gc3r0491.d
Report Date: 20-Mar-2013 12:52

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0491.d
Lab Smp Id: 460-52450-F-23-B Client Smp ID: PMP-10-NE-VD
Inj Date : 18-MAR-2013 23:21
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-23-B
Misc Info : 460-52450-F-23-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:51 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 62
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.01000	Weight of sample extracted (g)
M	7.47126	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.630	3.627	0.003	1463094	15.7506	1.1(M)
$ 2 Chlorobenzene (sur)	0.755	0.752	0.003	903323	13.0431	0.94(M)
3 TPH	3.424	0.578	2.846	145814398	2026.51	146(M)

QC Flag Legend

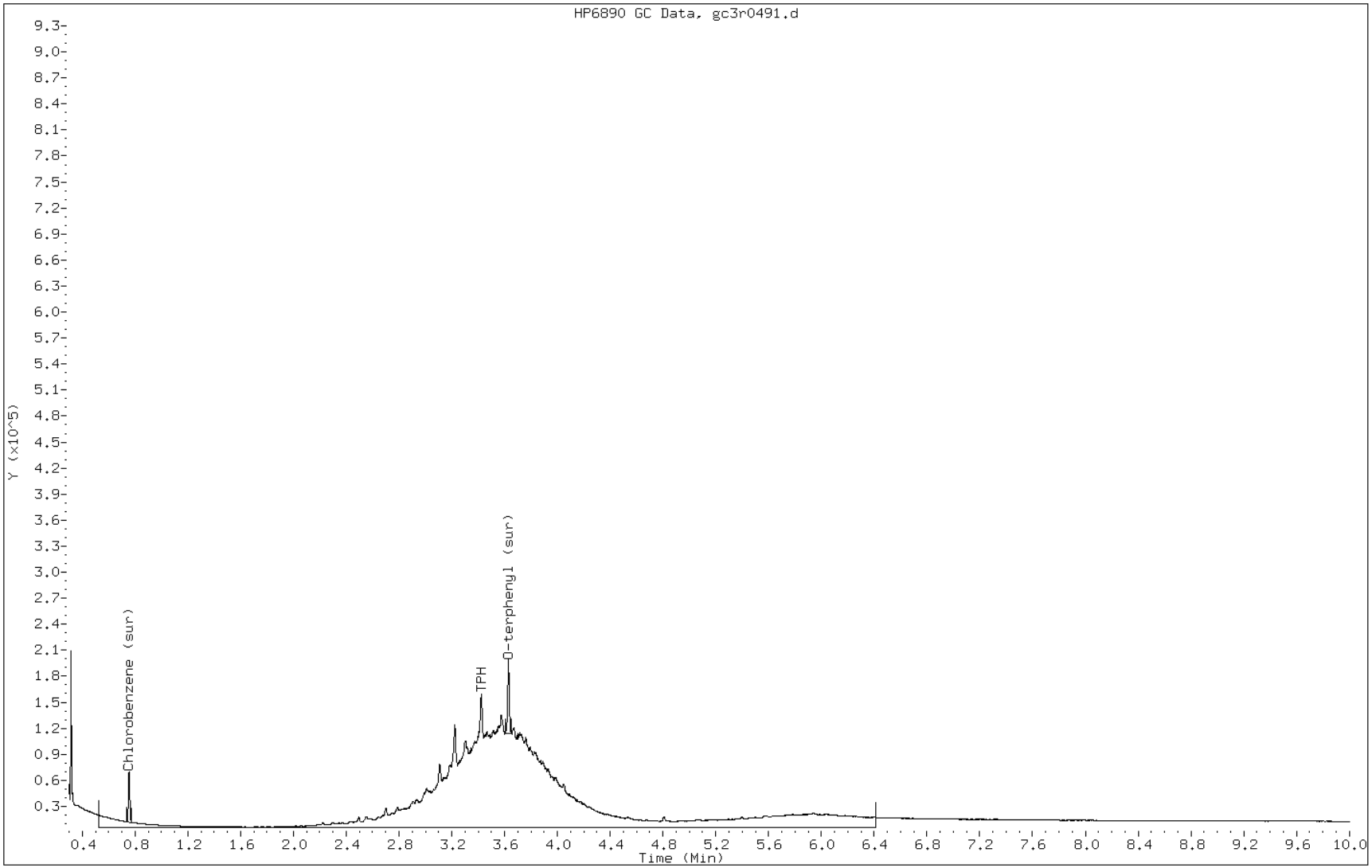
M - Compound response manually integrated.

Data File: gc3r0491.d

Date: 18-MAR-2013 23:21

Client ID: PMP-10-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-23-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0491.d
Inj. Date and Time: 18-MAR-2013 23:21
Instrument ID: BNAGC3.i
Client ID: PMP-10-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

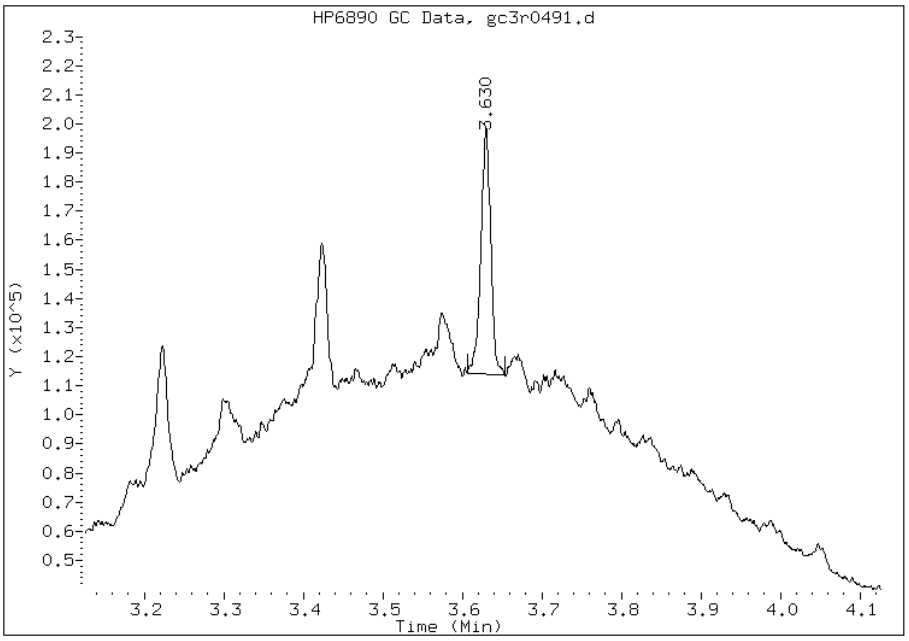
Manual Integration Results

RT: 3.63

Response: 1463094

Amount: 15.75

Conc: 1.13



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0491.d
Inj. Date and Time: 18-MAR-2013 23:21
Instrument ID: BNAGC3.i
Client ID: PMP-10-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

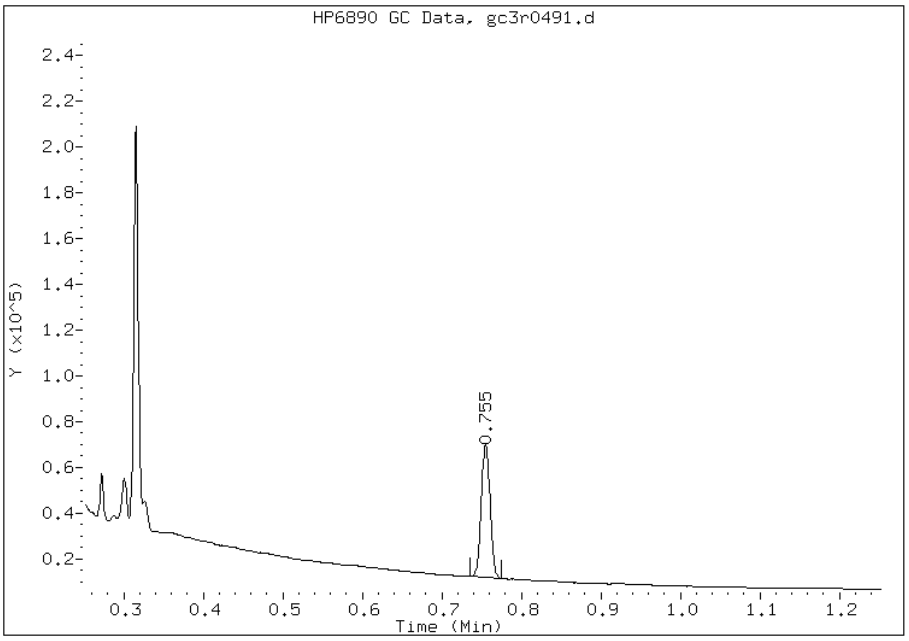
Manual Integration Results

RT: 0.75

Response: 903323

Amount: 13.04

Conc: 0.94



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-WT Lab Sample ID: 460-52450-24

Matrix: Solid Lab File ID: gc3r0492.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 14:30

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.05(g) Date Analyzed: 03/18/2013 23:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		50-105
108-90-7	Chlorobenzene	62		40-80

Data File: gc3r0492.d
Report Date: 20-Mar-2013 12:52

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0492.d
Lab Smp Id: 460-52450-F-24-B Client Smp ID: PMP-10-NE-WT
Inj Date : 18-MAR-2013 23:35
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-24-B
Misc Info : 460-52450-F-24-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:51 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	12.50000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.633	3.627	0.006	1284395	13.8268	1.0(M)
$ 2 Chlorobenzene (sur)	0.755	0.752	0.003	859349	12.4081	0.94(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

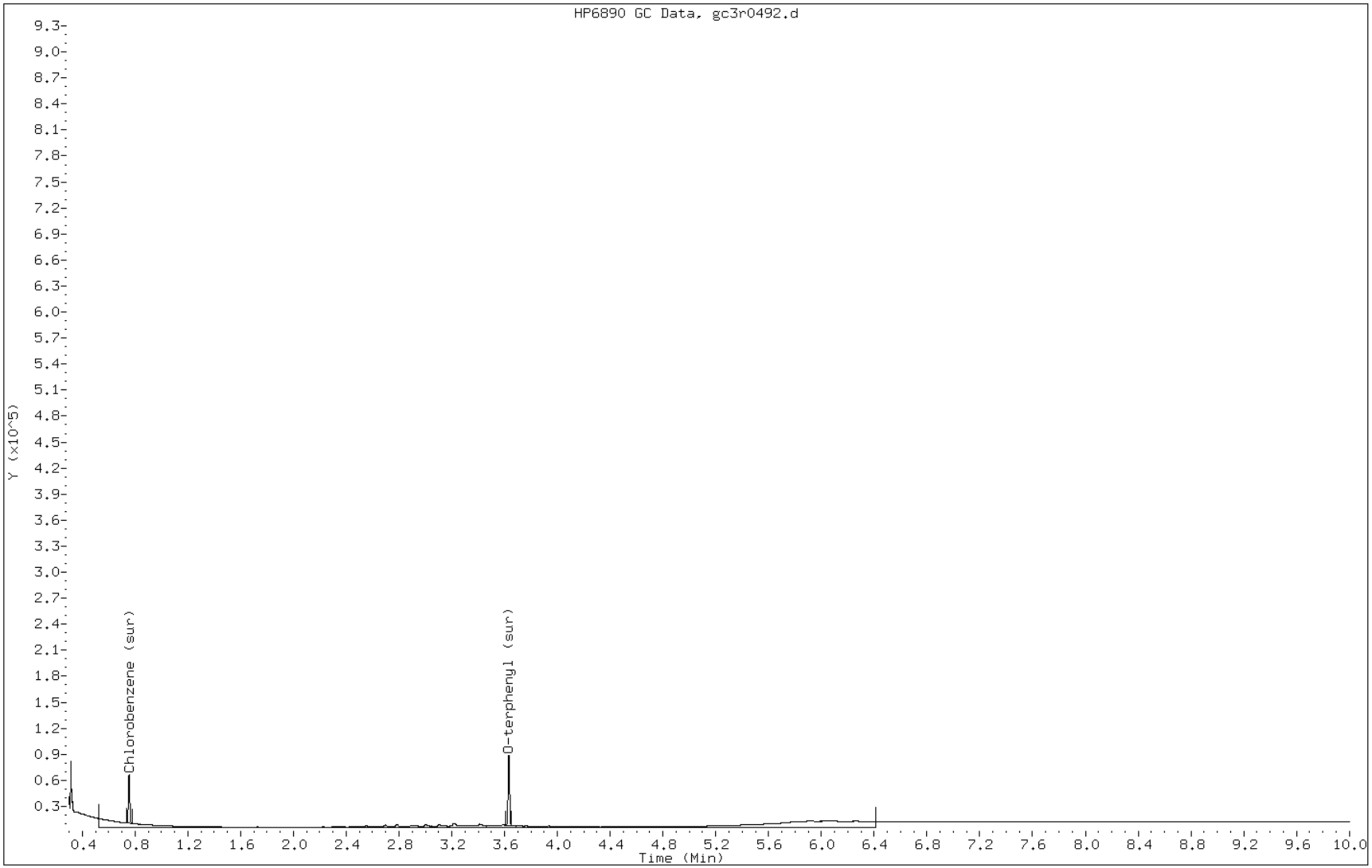
M - Compound response manually integrated.

Data File: gc3r0492.d

Date: 18-MAR-2013 23:35

Client ID: PMP-10-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-24-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0492.d
Inj. Date and Time: 18-MAR-2013 23:35
Instrument ID: BNAGC3.i
Client ID: PMP-10-NE-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

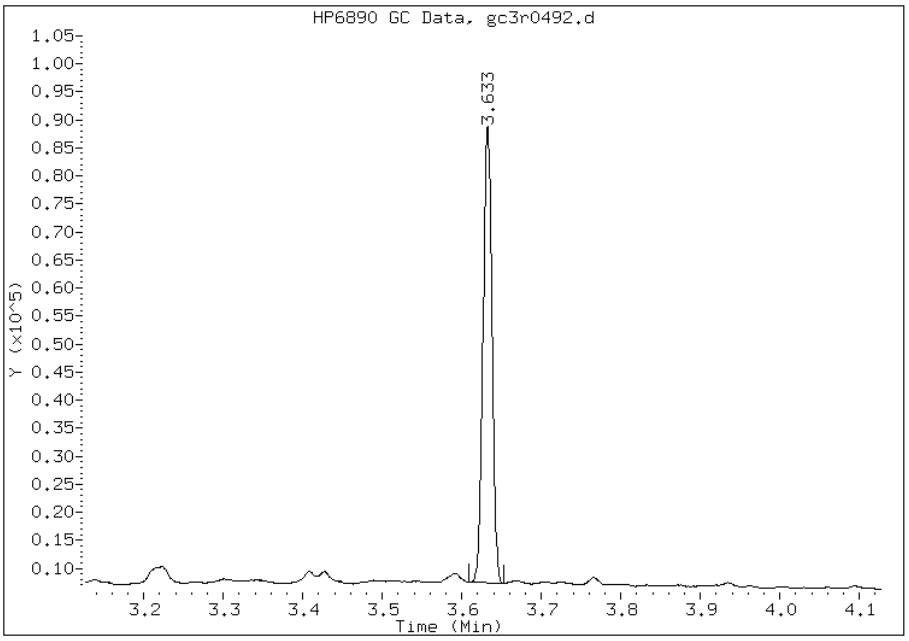
Manual Integration Results

RT: 3.63

Response: 1284395

Amount: 13.83

Conc: 1.05



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0492.d
Inj. Date and Time: 18-MAR-2013 23:35
Instrument ID: BNAGC3.i
Client ID: PMP-10-NE-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

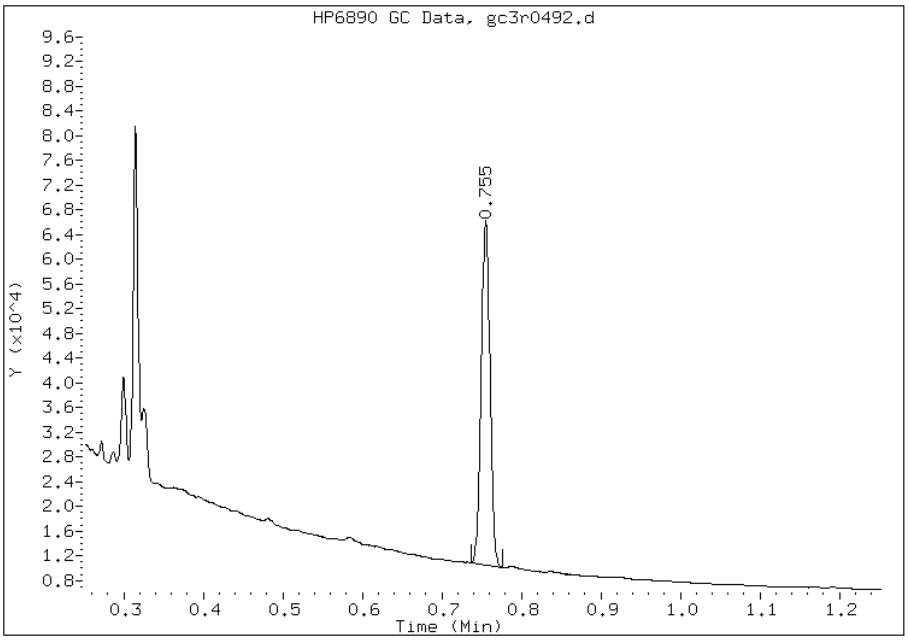
Manual Integration Results

RT: 0.76

Response: 859349

Amount: 12.41

Conc: 0.94



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SI Lab Sample ID: 460-52450-25

Matrix: Solid Lab File ID: gc3r0493.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 14:35

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 23:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 11.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.2	U	6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	66		50-105
108-90-7	Chlorobenzene	58		40-80

Data File: gc3r0493.d
Report Date: 20-Mar-2013 12:52

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0493.d
Lab Smp Id: 460-52450-F-25-B Client Smp ID: PMP-10-NE-SI
Inj Date : 18-MAR-2013 23:50
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-25-B
Misc Info : 460-52450-F-25-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:51 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 64
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	11.31757	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.627	-0.001	1229196	13.2326	0.99(M)
$ 2 Chlorobenzene (sur)	0.755	0.752	0.003	796788	11.5048	0.86(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

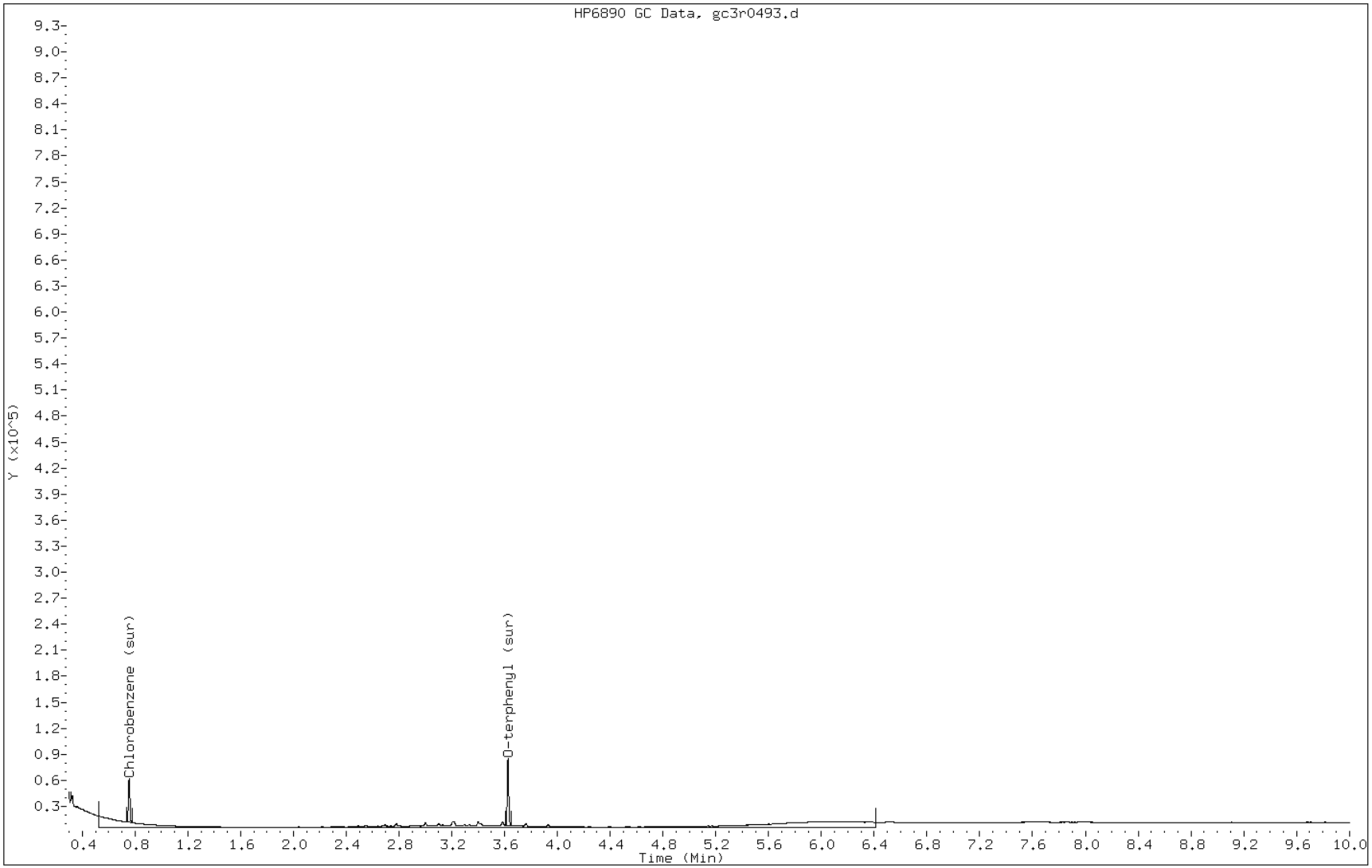
M - Compound response manually integrated.

Data File: gc3r0493.d

Date: 18-MAR-2013 23:50

Client ID: PMP-10-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-25-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0493.d
Inj. Date and Time: 18-MAR-2013 23:50
Instrument ID: BNAGC3.i
Client ID: PMP-10-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

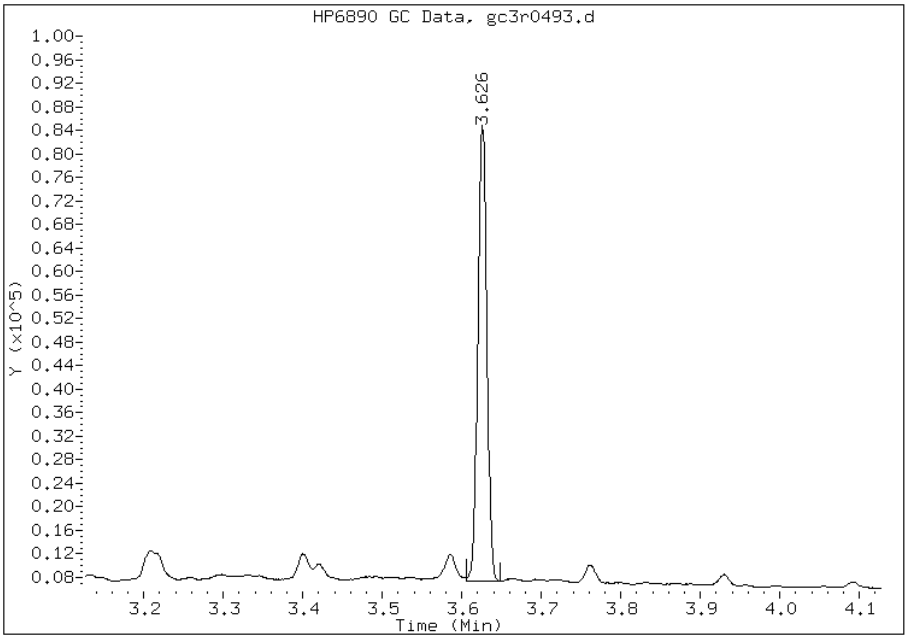
Manual Integration Results

RT: 3.63

Response: 1229196

Amount: 13.23

Conc: 0.99



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0493.d
Inj. Date and Time: 18-MAR-2013 23:50
Instrument ID: BNAGC3.i
Client ID: PMP-10-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

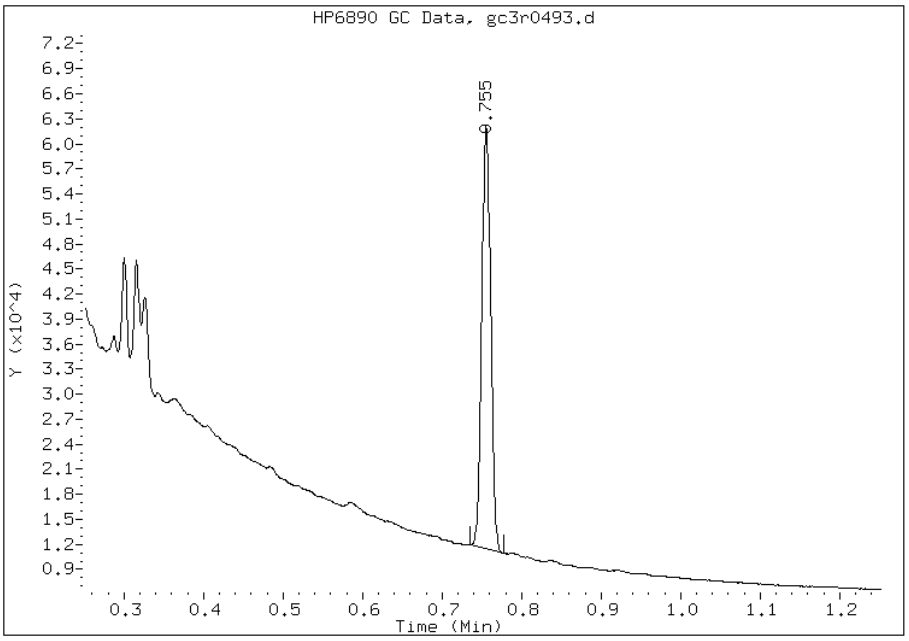
Manual Integration Results

RT: 0.76

Response: 796788

Amount: 11.50

Conc: 0.86



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-10-NE-SD Lab Sample ID: 460-52450-26

Matrix: Solid Lab File ID: gc3r0496.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 14:40

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 00:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	67		50-105
108-90-7	Chlorobenzene	61		40-80

Data File: gc3r0496.d
Report Date: 20-Mar-2013 12:52

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0496.d
Lab Smp Id: 460-52450-F-26-B Client Smp ID: PMP-10-NE-SD
Inj Date : 19-MAR-2013 00:33
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-26-B
Misc Info : 460-52450-F-26-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:52 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 65
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	12.75168	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.630	3.626	0.004	1243127	13.3826	1.0(M)
$ 2 Chlorobenzene (sur)	0.755	0.755	0.000	849058	12.2595	0.94(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

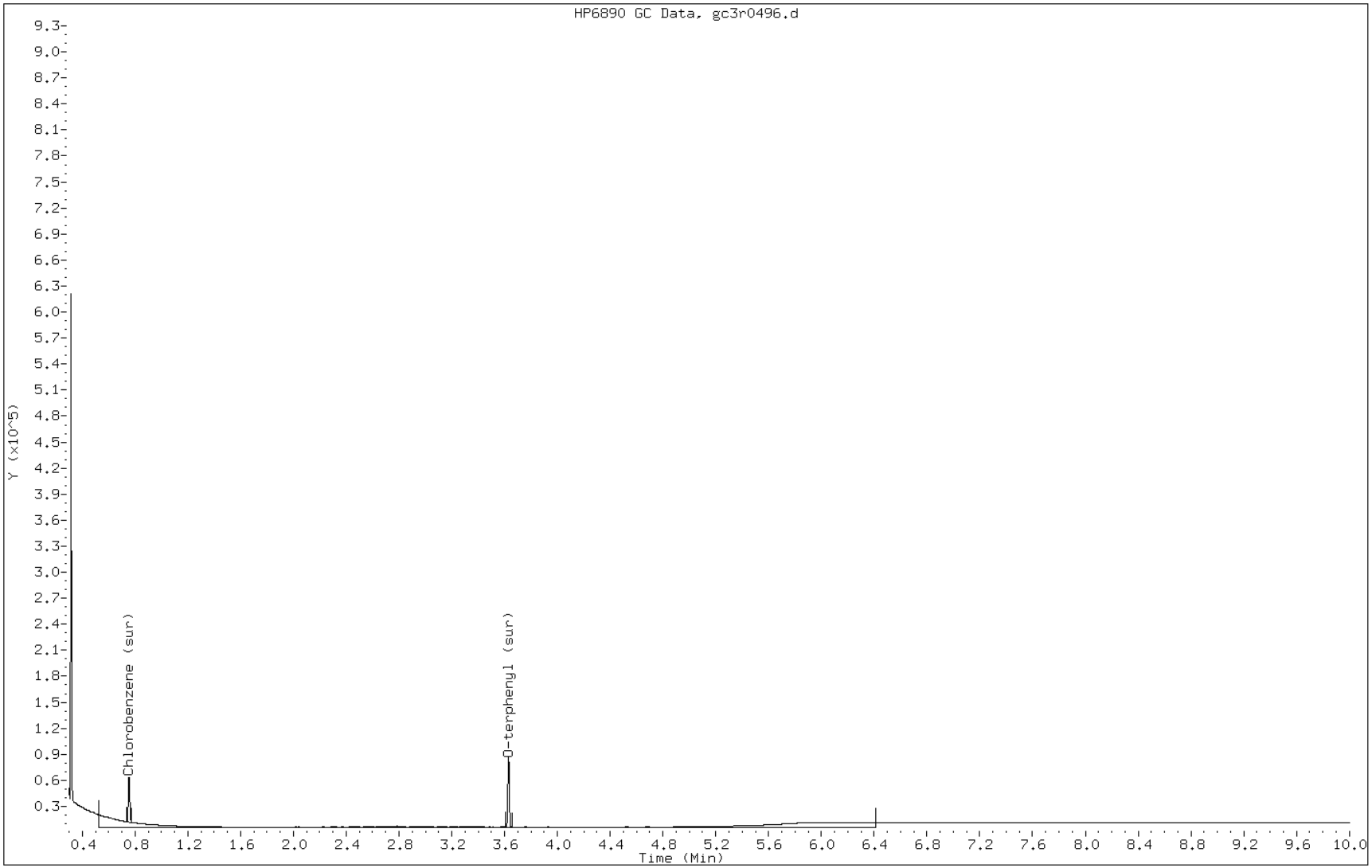
M - Compound response manually integrated.

Data File: gc3r0496.d

Date: 19-MAR-2013 00:33

Client ID: PMP-10-NE-SD Instrument: BNAGC3.i

Sample Info: 460-52450-F-26-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0496.d
Inj. Date and Time: 19-MAR-2013 00:33
Instrument ID: BNAGC3.i
Client ID: PMP-10-NE-SD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

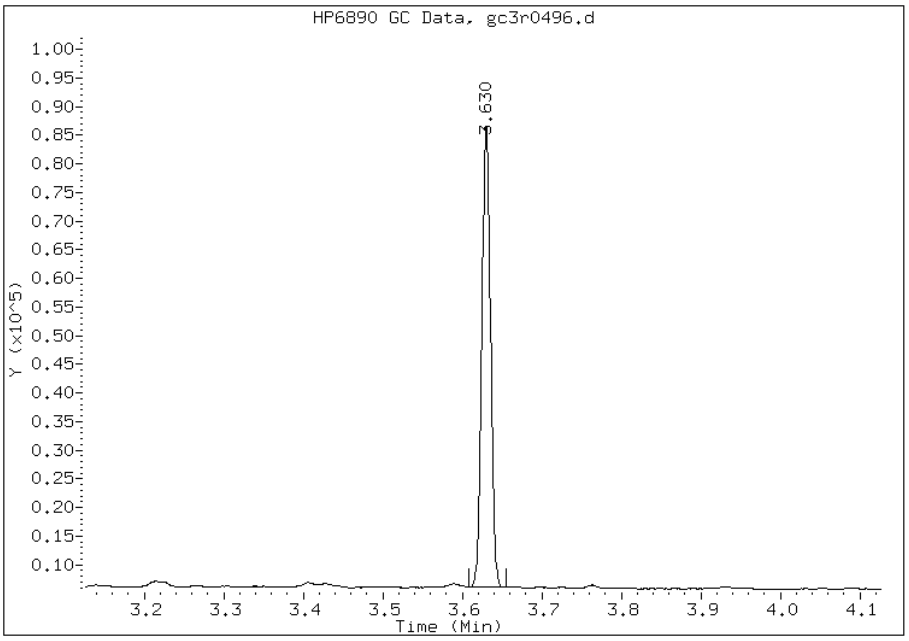
Manual Integration Results

RT: 3.63

Response: 1243127

Amount: 13.38

Conc: 1.02



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0496.d
Inj. Date and Time: 19-MAR-2013 00:33
Instrument ID: BNAGC3.i
Client ID: PMP-10-NE-SD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

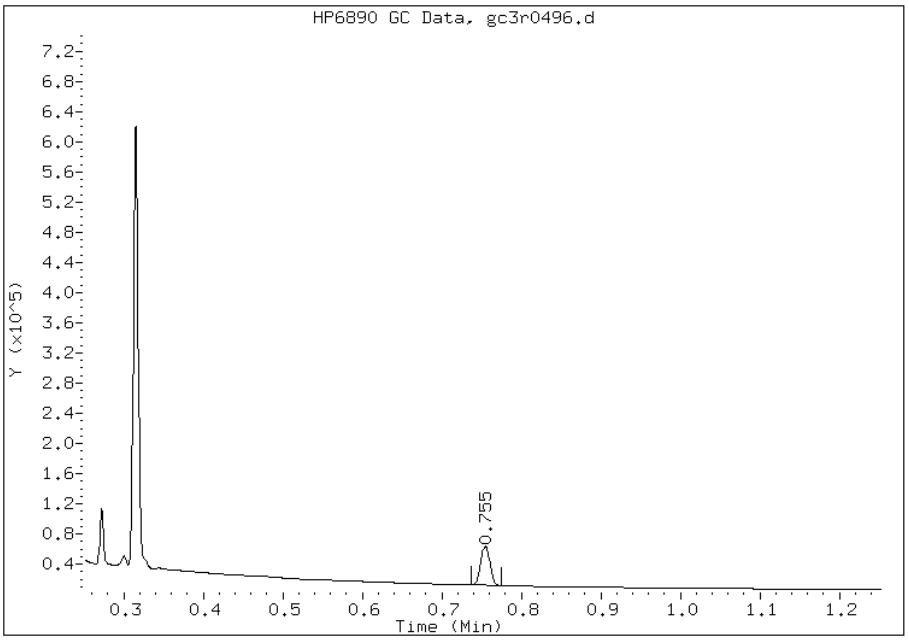
Manual Integration Results

RT: 0.75

Response: 849058

Amount: 12.26

Conc: 0.94



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD Lab Sample ID: 460-52450-27

Matrix: Solid Lab File ID: gc3r0488.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 14:50

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 22:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	57		50-105
108-90-7	Chlorobenzene	52		40-80

Data File: gc3r0488.d
Report Date: 20-Mar-2013 12:52

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0488.d
Lab Smp Id: 460-52450-F-27-D Client Smp ID: PMP-9-NE-VD
Inj Date : 18-MAR-2013 22:37
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-27-D
Misc Info : 460-52450-F-27-D
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:51 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	4.61255	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.631	3.627	0.004	1051603	11.3208	0.79(M)
$ 2 Chlorobenzene (sur)	0.754	0.752	0.002	725052	10.4690	0.73(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

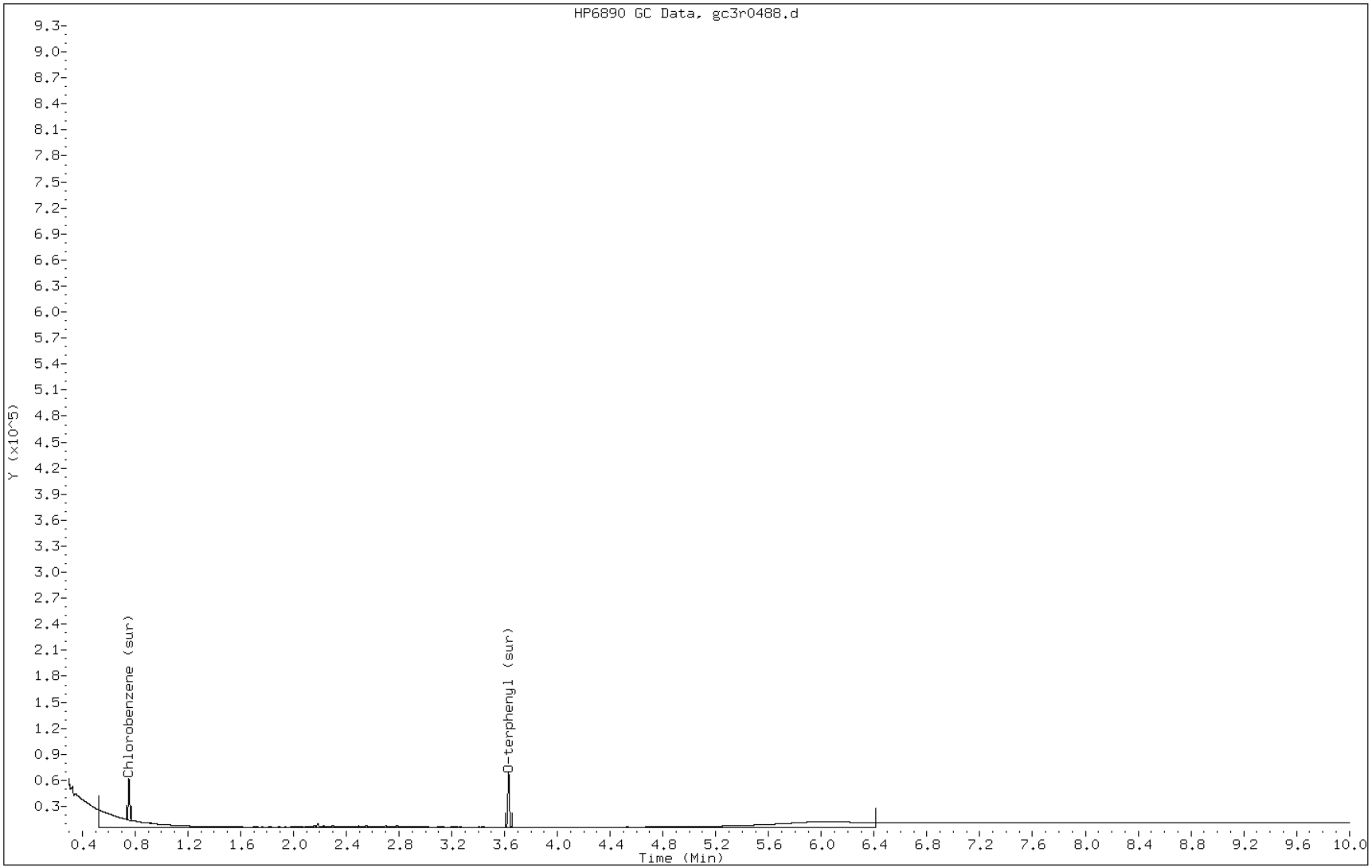
M - Compound response manually integrated.

Data File: gc3r0488.d

Date: 18-MAR-2013 22:37

Client ID: PMP-9-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-27-D Operator: BNAGC1



Manual Integration Report

Data File: gc3r0488.d
Inj. Date and Time: 18-MAR-2013 22:37
Instrument ID: BNAGC3.i
Client ID: PMP-9-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

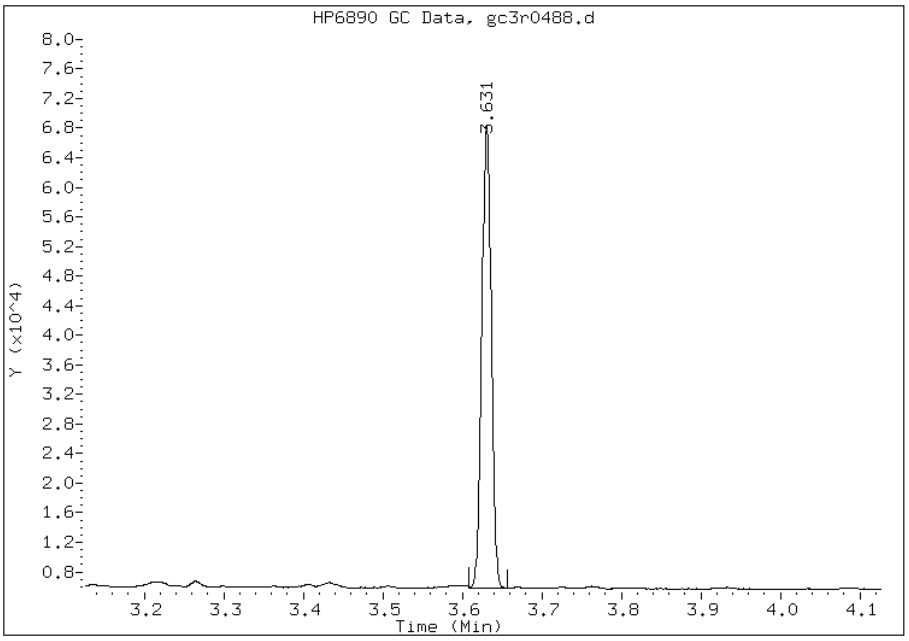
Manual Integration Results

RT: 3.63

Response: 1051603

Amount: 11.32

Conc: 0.79



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0488.d
Inj. Date and Time: 18-MAR-2013 22:37
Instrument ID: BNAGC3.i
Client ID: PMP-9-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

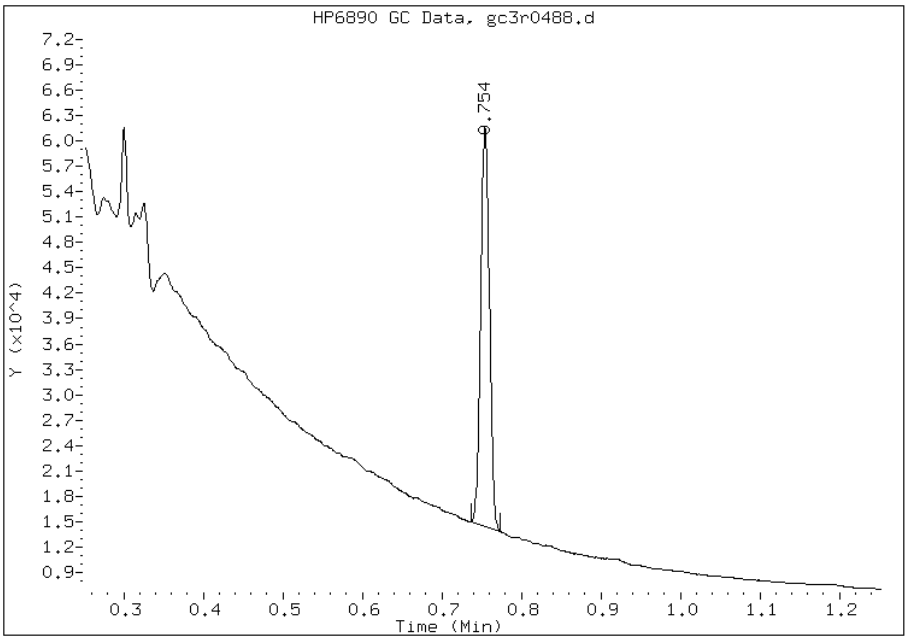
Manual Integration Results

RT: 0.75

Response: 725052

Amount: 10.47

Conc: 0.73



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-WT Lab Sample ID: 460-52450-28

Matrix: Solid Lab File ID: gc3r0559.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 14:55

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 15:21

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2200		61	61

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0559.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0559.d
Lab Smp Id: 460-52450-F-28-B Client Smp ID: PMP-9-NE-WT
Inj Date : 19-MAR-2013 15:21
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-28-B
Misc Info : 460-52450-F-28-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 62
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	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	9.24855	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

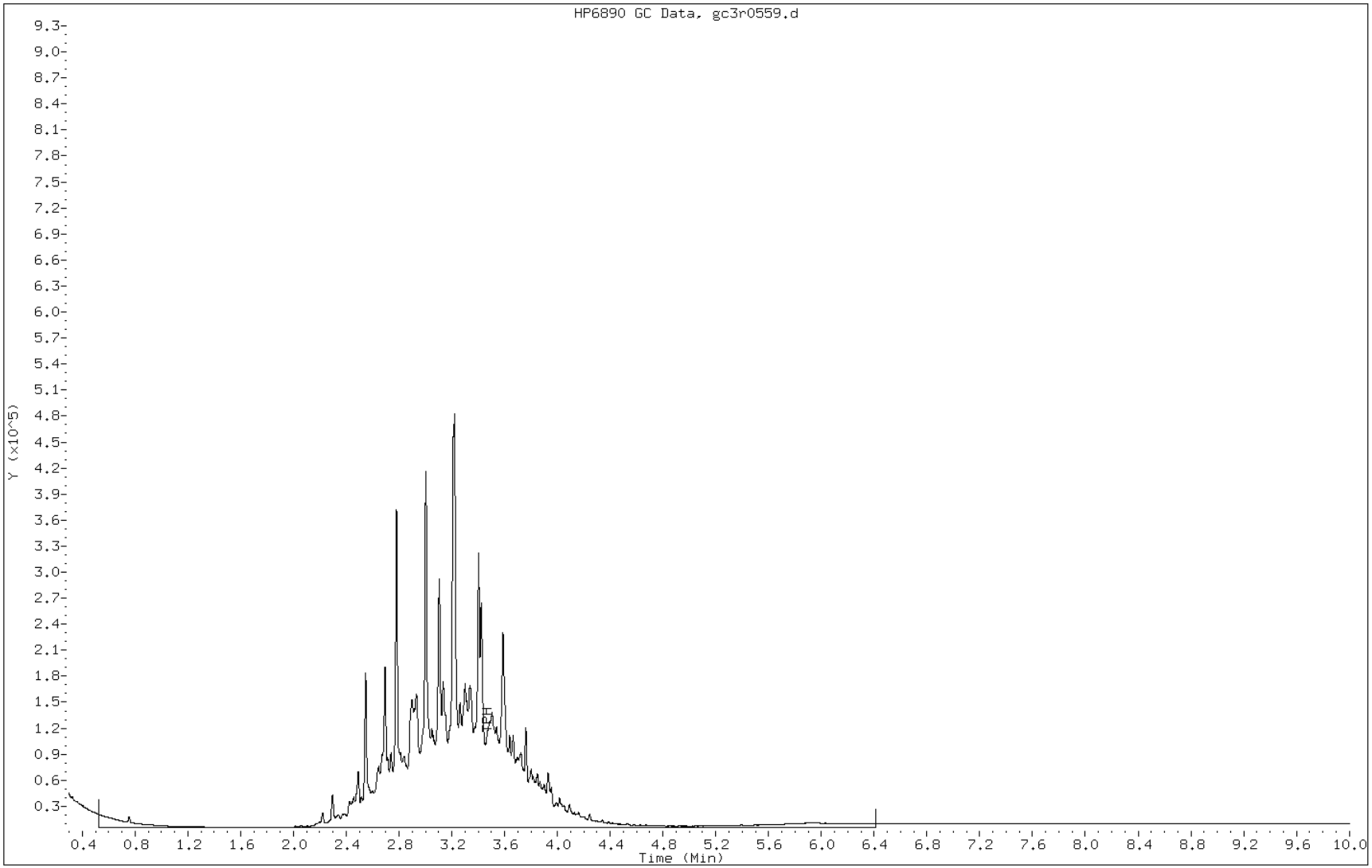
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.467	0.579	2.888	216551631	3009.61	2210

Data File: gc3r0559.d

Date: 19-MAR-2013 15:21

Client ID: PMP-9-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-28-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-SI Lab Sample ID: 460-52450-29

Matrix: Solid Lab File ID: gc3r0560.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 15:00

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 15:36

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	480		31	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		50-105
108-90-7	Chlorobenzene	65		40-80

Data File: gc3r0560.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0560.d
Lab Smp Id: 460-52450-F-29-D Client Smp ID: PMP-9-NE-SI
Inj Date : 19-MAR-2013 15:36
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-29-D
Misc Info : 460-52450-F-29-D
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 63
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.04000	Weight of sample extracted (g)
M	11.57324	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
Compounds	RT	EXP RT	DLT RT	RESPONSE		
$ 1 O-terphenyl (sur)	3.629	3.625	0.004	226093	2.43395	0.92(aM)
$ 2 Chlorobenzene (sur)	0.753	0.753	0.000	179616	2.59347	0.98(aM)
3 TPH	3.208	0.579	2.629	91345390	1269.51	477(M)

QC Flag Legend

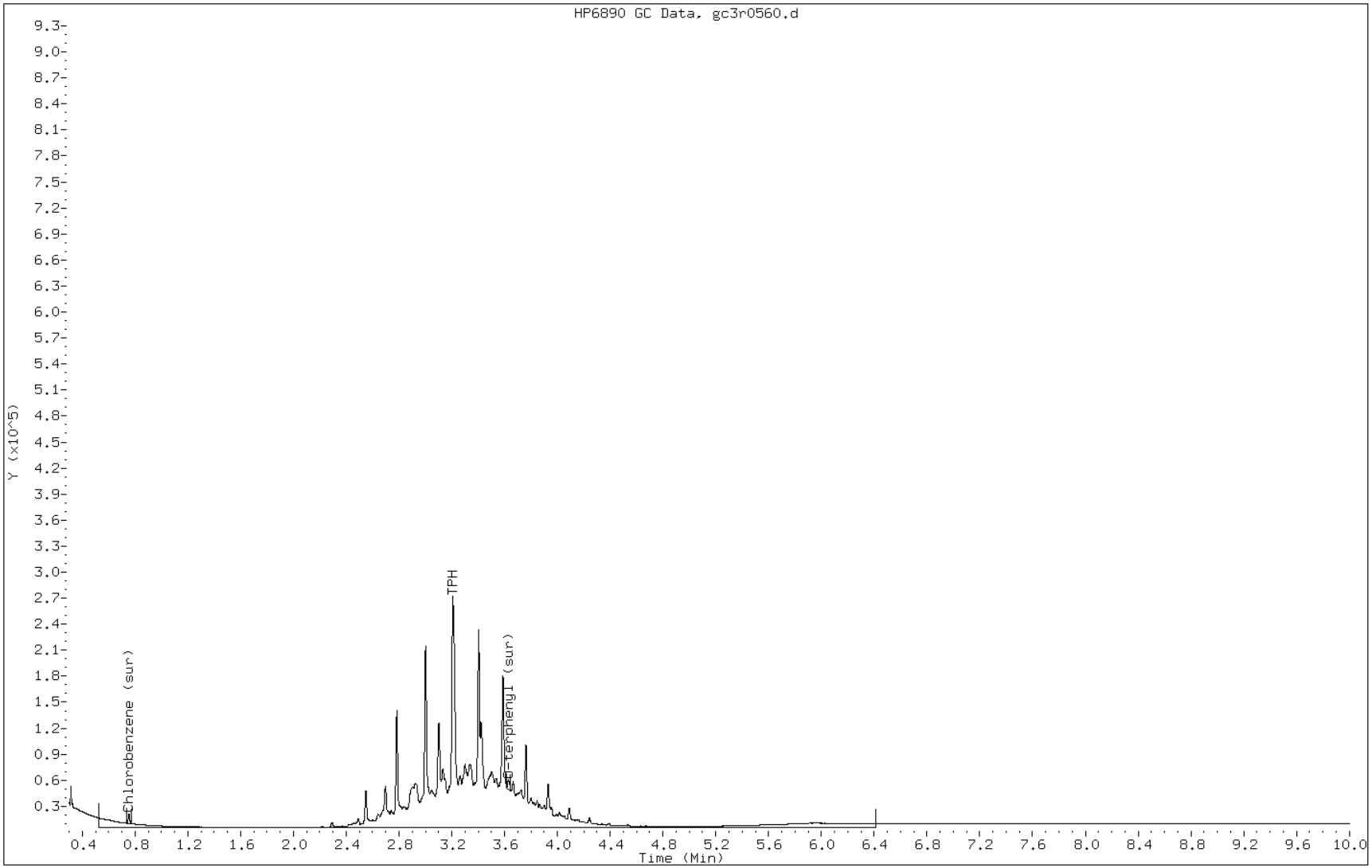
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gc3r0560.d

Date: 19-MAR-2013 15:36

Client ID: PMP-9-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-29-D Operator: BNAGC1



Manual Integration Report

Data File: gc3r0560.d
Inj. Date and Time: 19-MAR-2013 15:36
Instrument ID: BNAGC3.i
Client ID: PMP-9-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

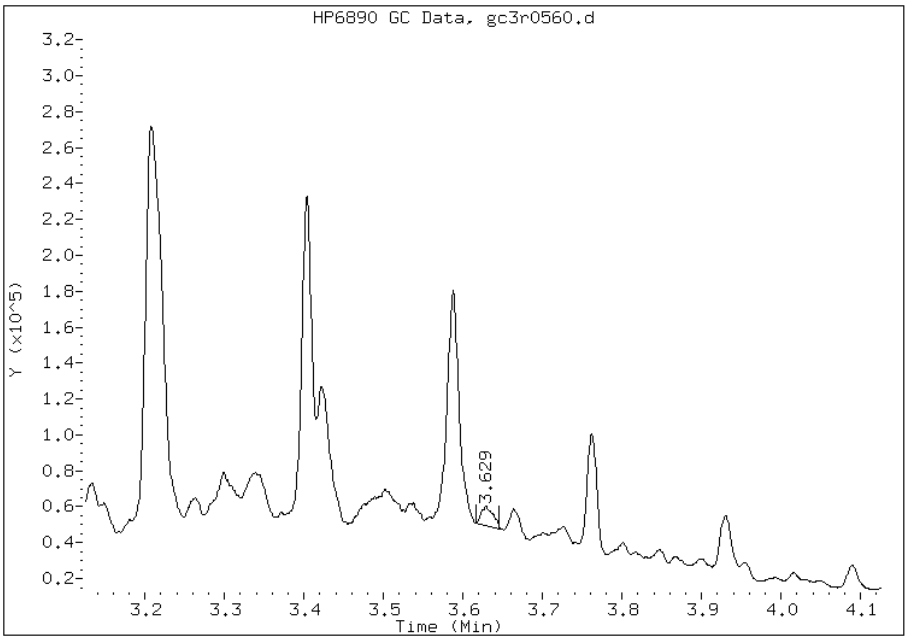
Manual Integration Results

RT: 3.63

Response: 226093

Amount: 2.43

Conc: 0.92



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0560.d
Inj. Date and Time: 19-MAR-2013 15:36
Instrument ID: BNAGC3.i
Client ID: PMP-9-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

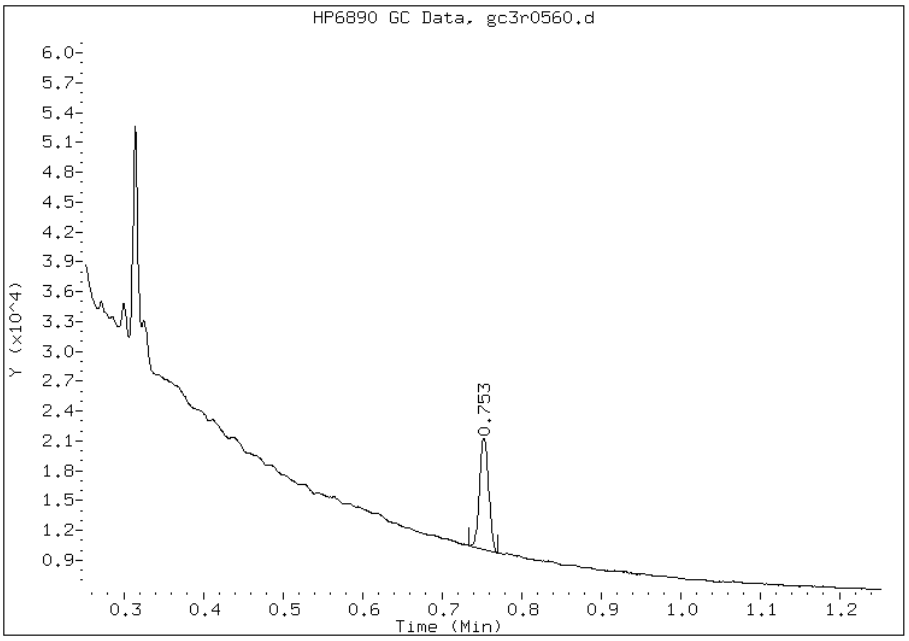
Manual Integration Results

RT: 0.75

Response: 179616

Amount: 2.59

Conc: 0.98



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-VD Lab Sample ID: 460-52450-30

Matrix: Solid Lab File ID: gc3r0499.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 15:35

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 01:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	59		50-105
108-90-7	Chlorobenzene	55		40-80

Data File: gc3r0499.d
Report Date: 20-Mar-2013 12:52

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0499.d
Lab Smp Id: 460-52450-F-30-B Client Smp ID: PMP-13-NE-VD
Inj Date : 19-MAR-2013 01:16
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-30-B
Misc Info : 460-52450-F-30-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:52 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 69
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	5.06108	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$	1 O-terphenyl (sur)	3.632	3.626	0.006	1097972	11.8200	0.83(M)
$	2 Chlorobenzene (sur)	0.754	0.755	-0.001	762526	11.0101	0.77(M)
	3 TPH	Compound Not Detected.					

QC Flag Legend

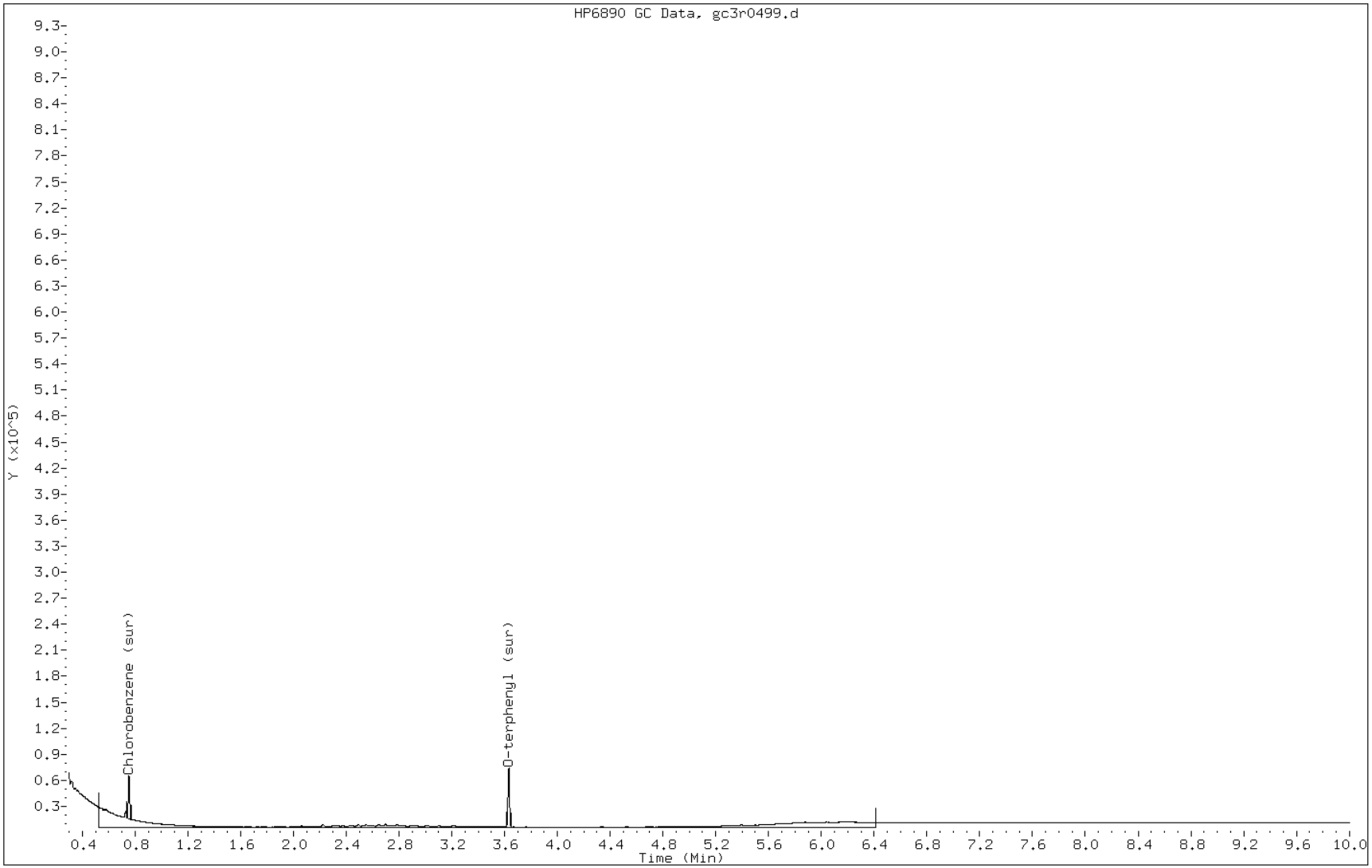
M - Compound response manually integrated.

Data File: gc3r0499.d

Date: 19-MAR-2013 01:16

Client ID: PMP-13-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-30-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0499.d
Inj. Date and Time: 19-MAR-2013 01:16
Instrument ID: BNAGC3.i
Client ID: PMP-13-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

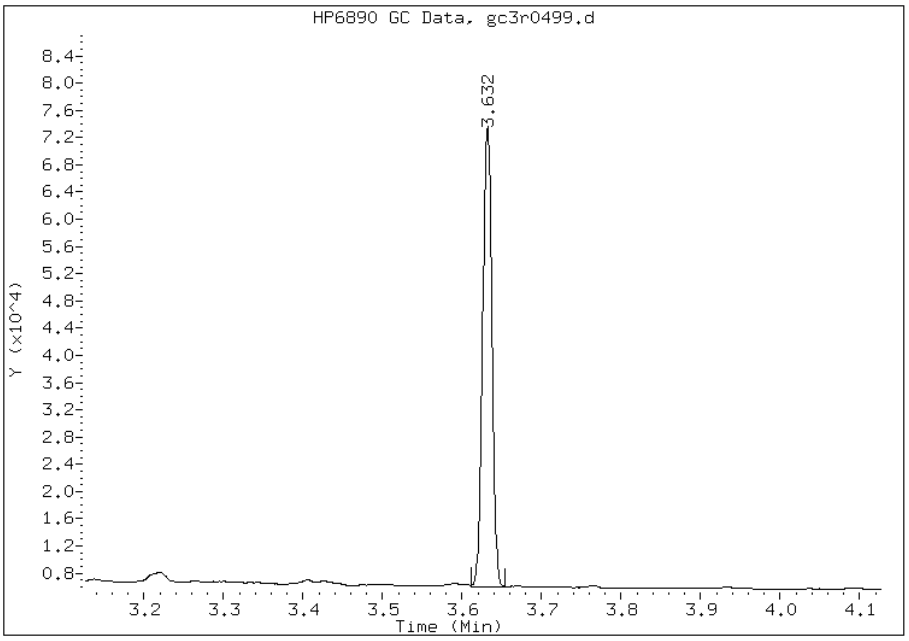
Manual Integration Results

RT: 3.63

Response: 1097972

Amount: 11.82

Conc: 0.83



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0499.d
Inj. Date and Time: 19-MAR-2013 01:16
Instrument ID: BNAGC3.i
Client ID: PMP-13-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

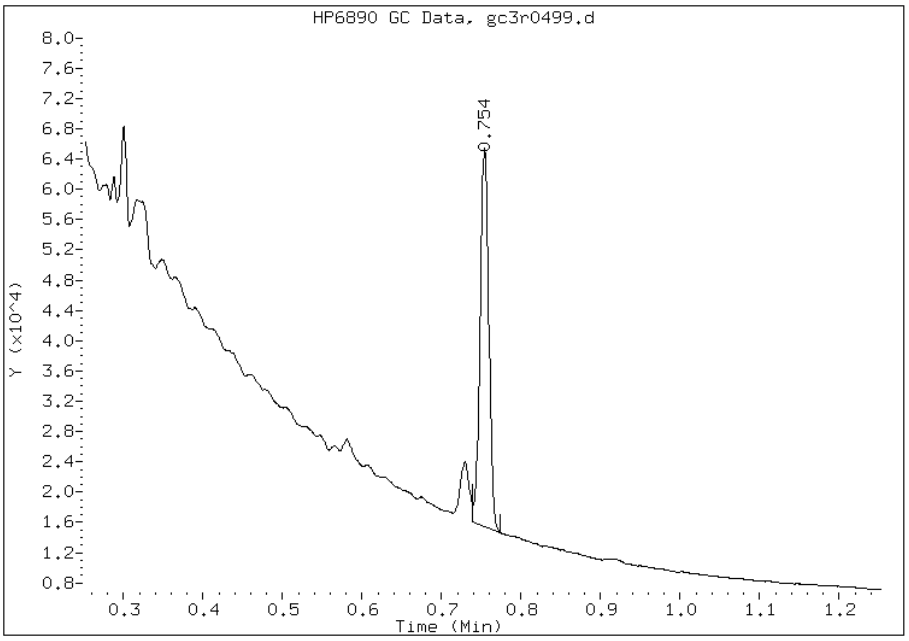
Manual Integration Results

RT: 0.75

Response: 762526

Amount: 11.01

Conc: 0.77



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-WT Lab Sample ID: 460-52450-31

Matrix: Solid Lab File ID: gc3r0561.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 15:40

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 15:50

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 10.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	4300		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0561.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0561.d
Lab Smp Id: 460-52450-F-31-B Client Smp ID: PMP-13-NE-WT
Inj Date : 19-MAR-2013 15:50
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-31-B
Misc Info : 460-52450-F-31-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 64
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.00000	Weight of sample extracted (g)
M	10.83032	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

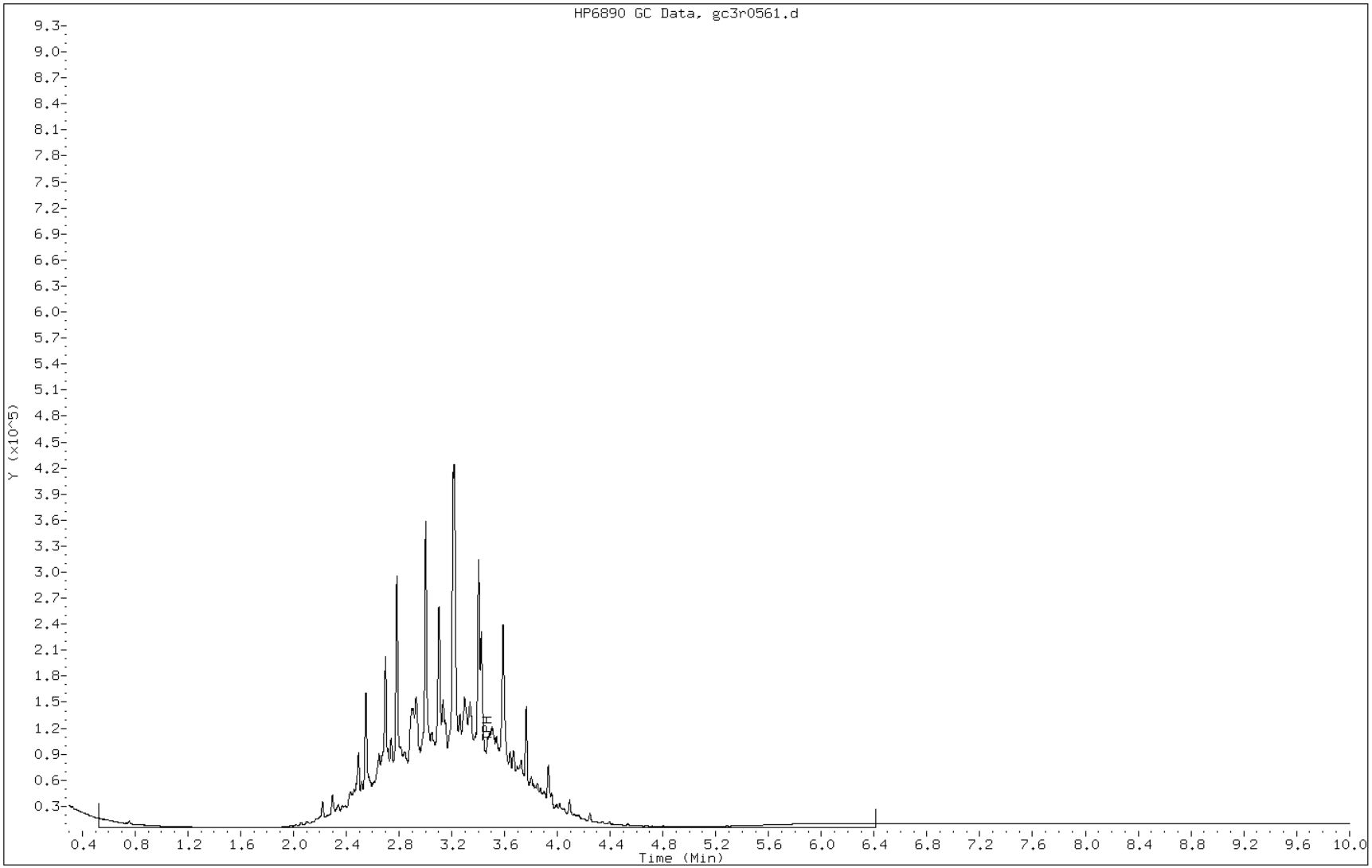
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.466	0.579	2.887	207375848	2882.08	4310

Data File: gc3r0561.d

Date: 19-MAR-2013 15:50

Client ID: PMP-13-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-31-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SI Lab Sample ID: 460-52450-32

Matrix: Solid Lab File ID: gc3r0501.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 15:45

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 01:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 15.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.5		6.5	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	63		50-105
108-90-7	Chlorobenzene	57		40-80

Data File: gc3r0501.d
Report Date: 20-Mar-2013 12:53

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0501.d
Lab Smp Id: 460-52450-F-32-B Client Smp ID: PMP-13-NE-SI
Inj Date : 19-MAR-2013 01:45
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-32-B
Misc Info : 460-52450-F-32-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:52 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.01000	Weight of sample extracted (g)
M	15.09091	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.629	3.626	0.003	1164260	12.5336	0.98(M)
$ 2 Chlorobenzene (sur)	0.753	0.755	-0.002	782615	11.3002	0.89(M)
3 TPH	3.212	0.580	2.632	5976343	83.0585	6.5(M)

QC Flag Legend

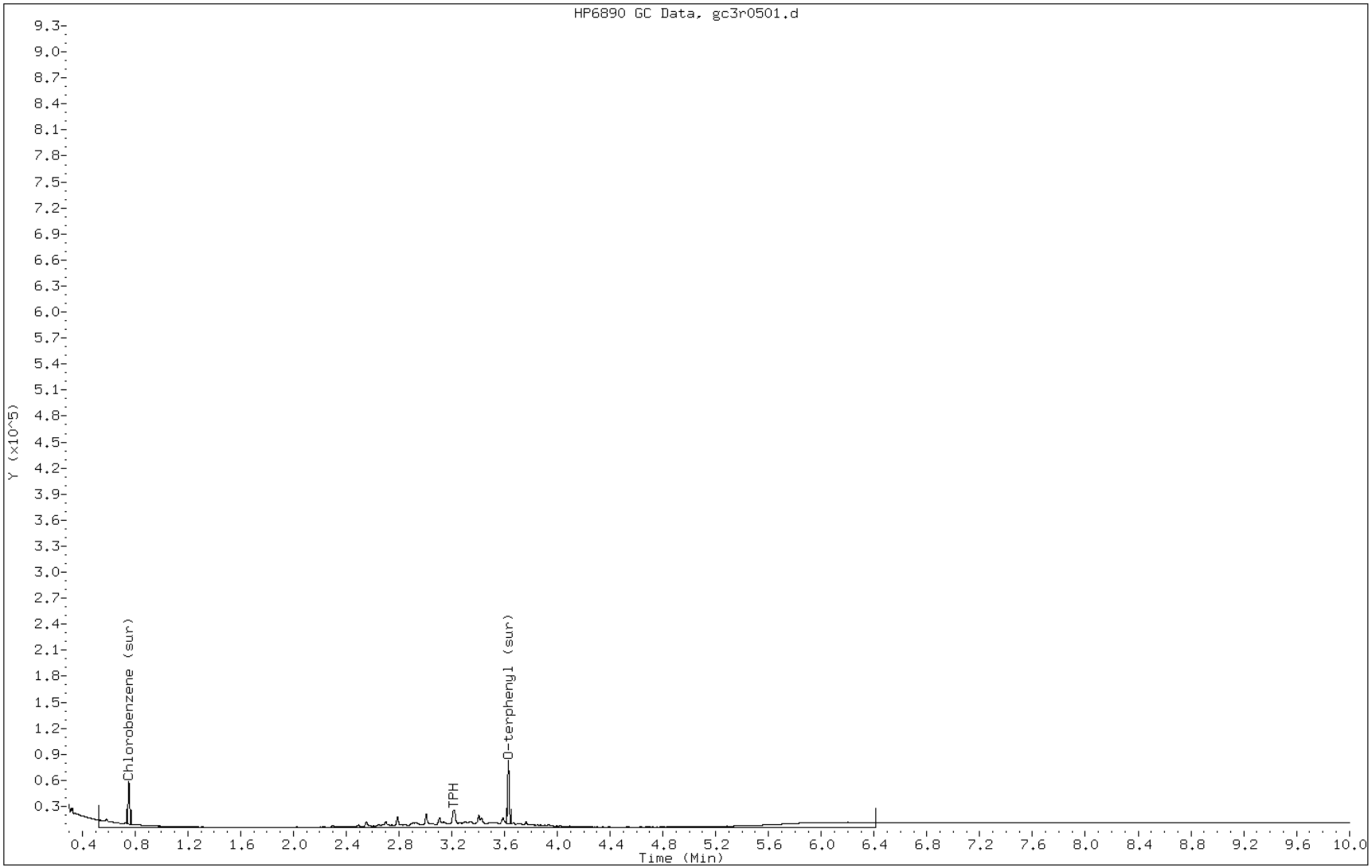
M - Compound response manually integrated.

Data File: gc3r0501.d

Date: 19-MAR-2013 01:45

Client ID: PMP-13-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-32-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0501.d
Inj. Date and Time: 19-MAR-2013 01:45
Instrument ID: BNAGC3.i
Client ID: PMP-13-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

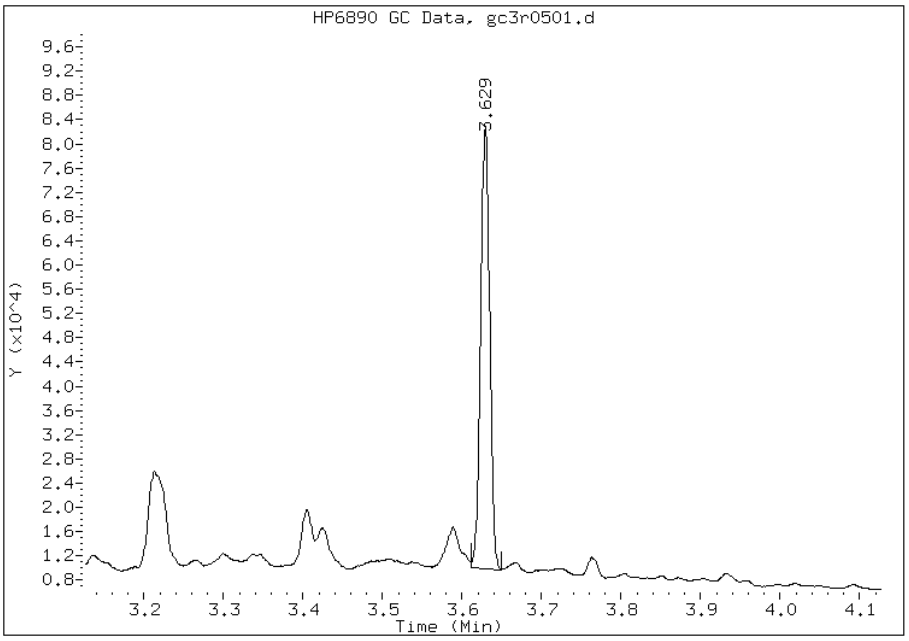
Manual Integration Results

RT: 3.63

Response: 1164260

Amount: 12.53

Conc: 0.98



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0501.d
Inj. Date and Time: 19-MAR-2013 01:45
Instrument ID: BNAGC3.i
Client ID: PMP-13-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

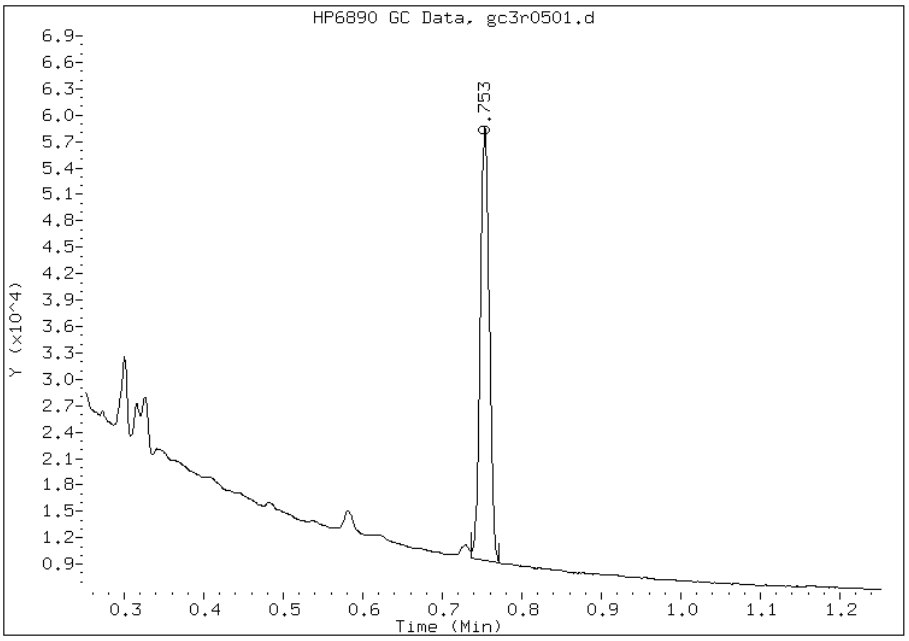
Manual Integration Results

RT: 0.75

Response: 782615

Amount: 11.30

Conc: 0.89



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD Lab Sample ID: 460-52450-33

Matrix: Solid Lab File ID: gc3r0562.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 15:50

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 16:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 19.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	45		6.8	6.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	35	X	50-105
108-90-7	Chlorobenzene	26	X	40-80

Data File: gc3r0562.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0562.d
Lab Smp Id: 460-52450-F-33-B Client Smp ID: PMP-13-NE-SD
Inj Date : 19-MAR-2013 16:04
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-33-B
Misc Info : 460-52450-F-33-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 65
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	15.01000	Weight of sample extracted (g)
M	18.99827	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.625	0.001	642504	6.91672	0.57(RM)
$ 2 Chlorobenzene (sur)	0.753	0.753	0.000	364003	5.25583	0.43(RM)
3 TPH	5.296	0.579	4.717	39261097	545.646	44.9(M)

QC Flag Legend

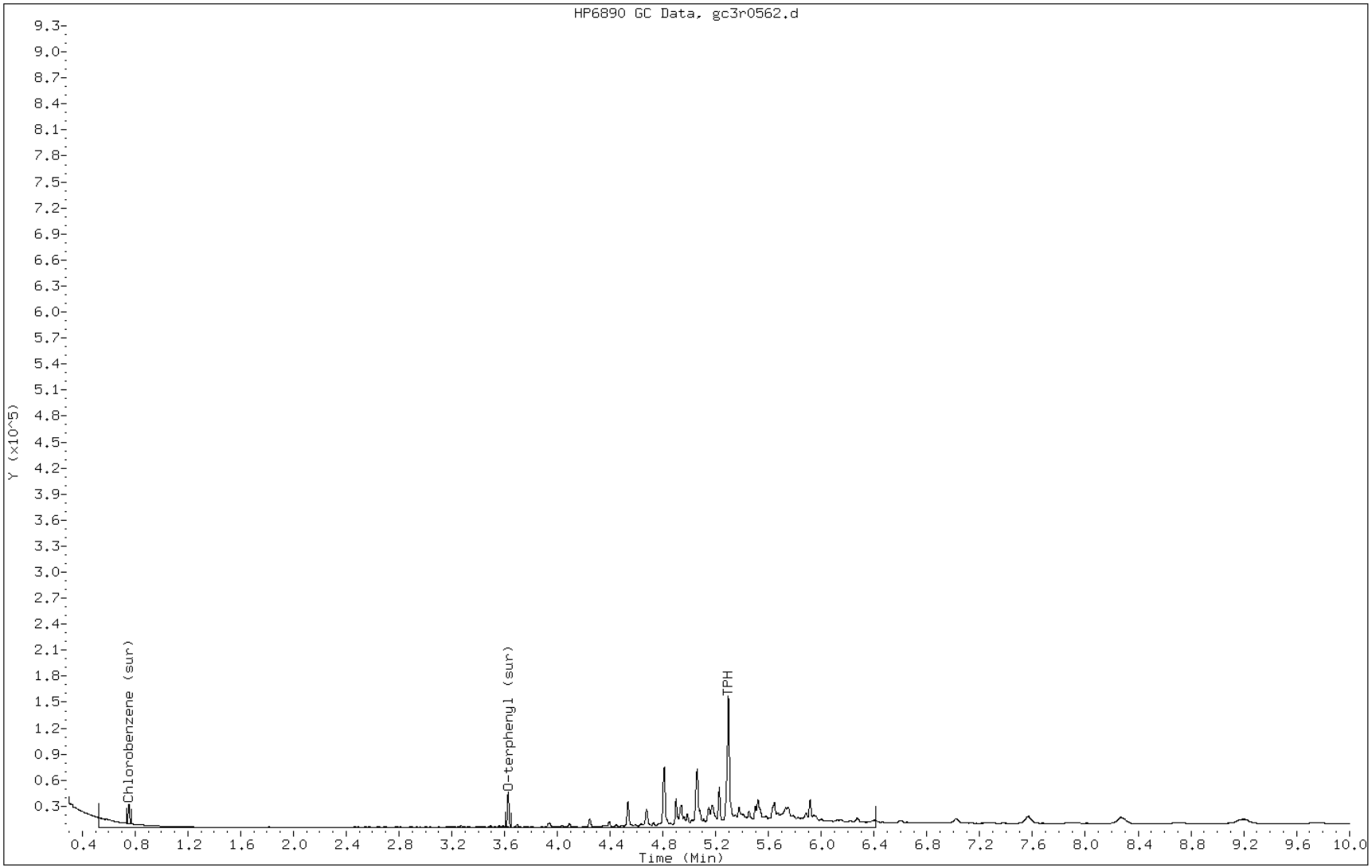
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gc3r0562.d

Date: 19-MAR-2013 16:04

Client ID: PMP-13-NE-SD Instrument: BNAGC3.i

Sample Info: 460-52450-F-33-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0562.d
Inj. Date and Time: 19-MAR-2013 16:04
Instrument ID: BNAGC3.i
Client ID: PMP-13-NE-SD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

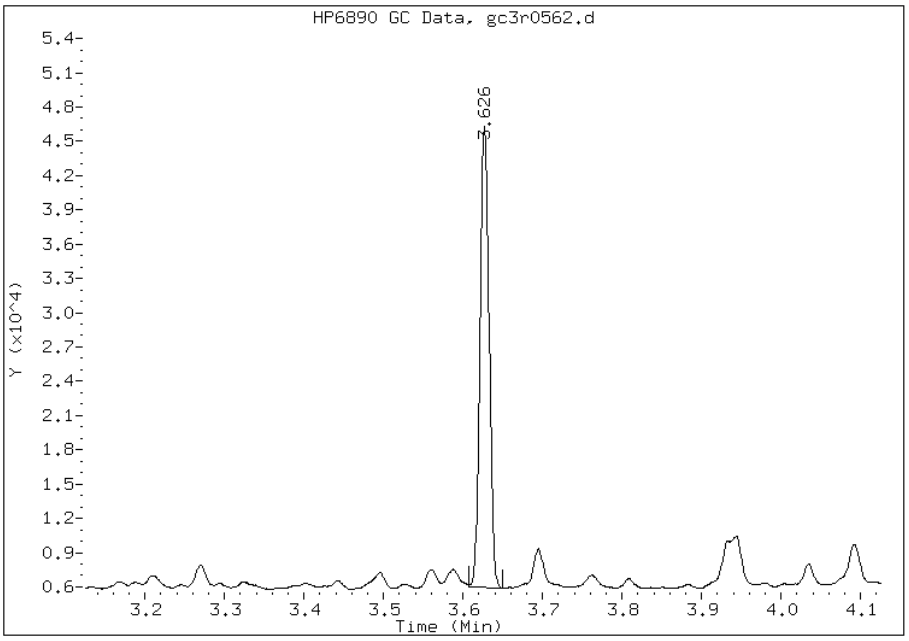
Manual Integration Results

RT: 3.63

Response: 642504

Amount: 6.92

Conc: 0.57



Manually Integrated By: kimh
Manual Integration Reason:

Manual Integration Report

Data File: gc3r0562.d
Inj. Date and Time: 19-MAR-2013 16:04
Instrument ID: BNAGC3.i
Client ID: PMP-13-NE-SD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

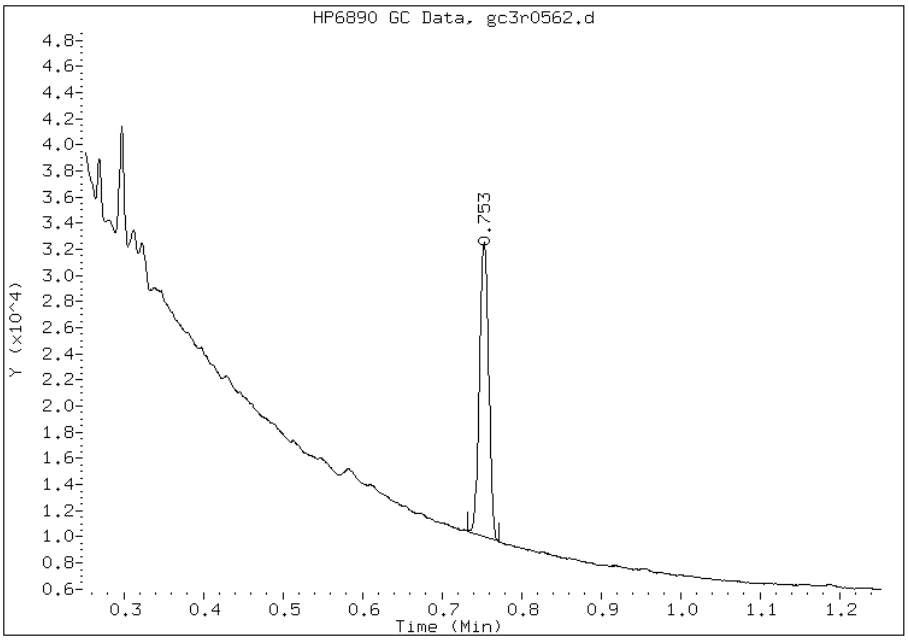
Manual Integration Results

RT: 0.75

Response: 364003

Amount: 5.26

Conc: 0.43



Manually Integrated By: kimh
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-13-NE-SD Lab Sample ID: 460-52450-33

Matrix: Solid Lab File ID: gc3r0776.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 15:50

Extraction Method: 3546 Date Extracted: 03/21/2013 14:33

Sample wt/vol: 15.04(g) Date Analyzed: 03/22/2013 09:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 19.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152358 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	11	X	50-105
108-90-7	Chlorobenzene	9	X	40-80

Data File: gc3r0776.d
Report Date: 22-Mar-2013 16:06

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-22-13/22Mar13a.b/gc3r0776.d
Lab Smp Id: 460-52450-F-33-D Client Smp ID: PMP-13-NE-SD
Inj Date : 22-MAR-2013 09:49
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-33-D
Misc Info : 460-52450-F-33-D
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-22-13/22Mar13a.b/gc3rQAM2012.m
Meth Date : 22-Mar-2013 16:05 nimerd Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	18.99827	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.625	3.624	0.001	195523	2.10486	0.17(aRM)
$ 2 Chlorobenzene (sur)	0.747	0.750	-0.003	131208	1.89451	0.16(aRM)
3 TPH	Compound Not Detected.					

QC Flag Legend

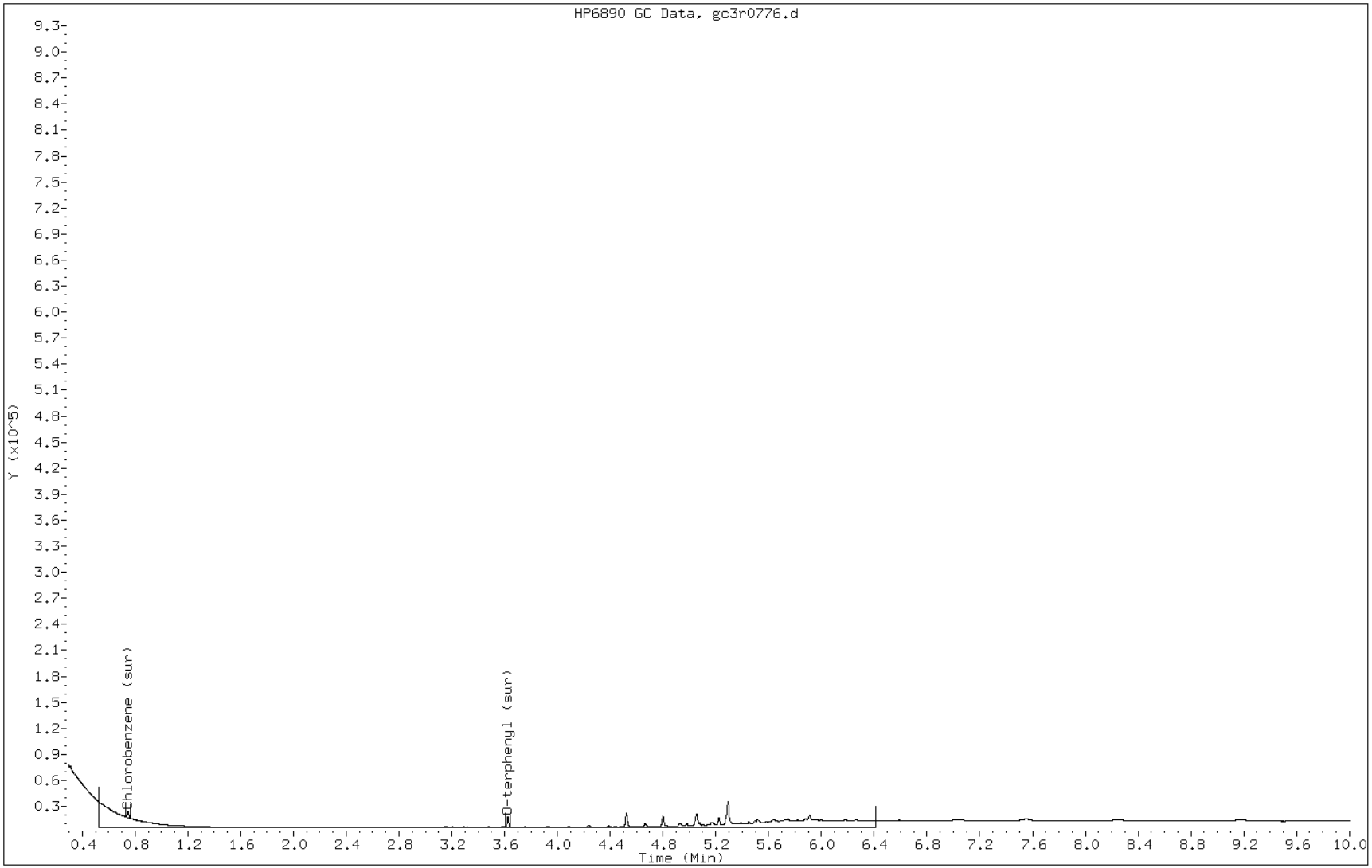
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gc3r0776.d

Date: 22-MAR-2013 09:49

Client ID: PMP-13-NE-SD Instrument: BNAGC3.i

Sample Info: 460-52450-F-33-D Operator: BNAGC1



Manual Integration Report

Data File: gc3r0776.d
Inj. Date and Time: 22-MAR-2013 09:49
Instrument ID: BNAGC3.i
Client ID: PMP-13-NE-SD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/22/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

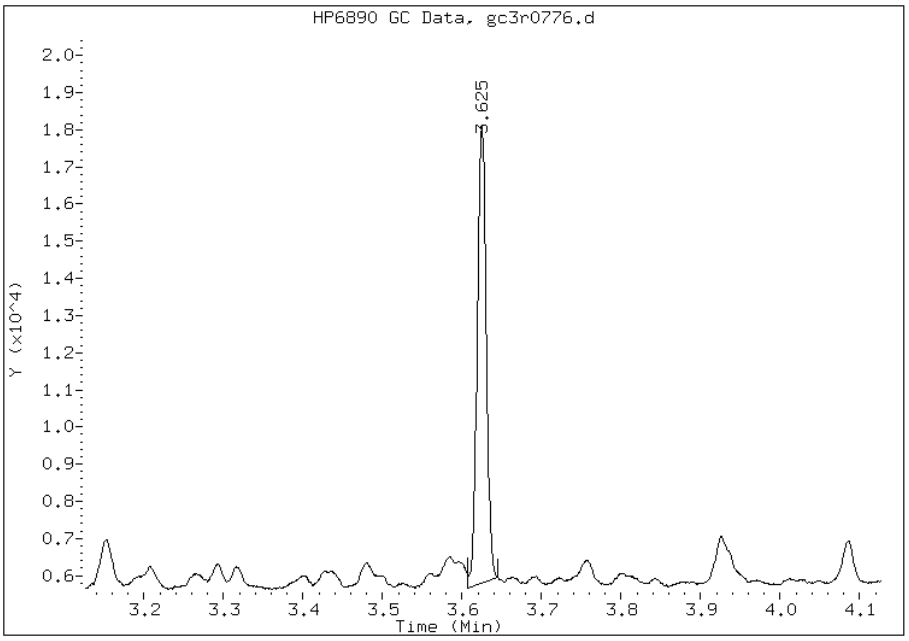
Manual Integration Results

RT: 3.63

Response: 195523

Amount: 2.10

Conc: 0.17



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0776.d
Inj. Date and Time: 22-MAR-2013 09:49
Instrument ID: BNAGC3.i
Client ID: PMP-13-NE-SD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/22/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

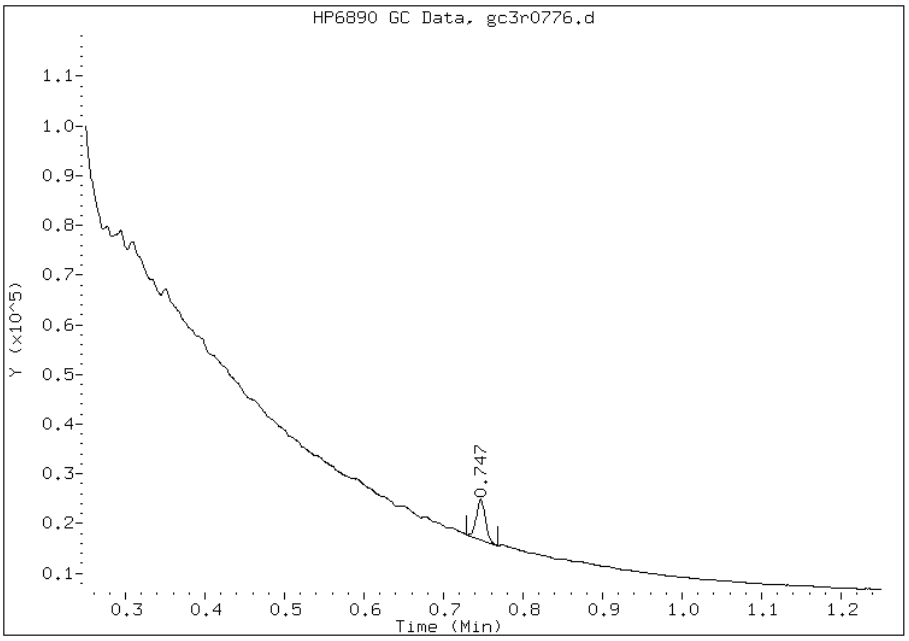
Manual Integration Results

RT: 0.75

Response: 131208

Amount: 1.89

Conc: 0.16



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-VD Lab Sample ID: 460-52450-34

Matrix: Solid Lab File ID: gc3r0503.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 16:15

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.02(g) Date Analyzed: 03/19/2013 02:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 6.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.1		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	60		50-105
108-90-7	Chlorobenzene	54		40-80

Data File: gc3r0503.d
Report Date: 20-Mar-2013 12:53

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0503.d
Lab Smp Id: 460-52450-F-34-B Client Smp ID: PMP-16-NE-VD
Inj Date : 19-MAR-2013 02:08
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-34-B
Misc Info : 460-52450-F-34-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:52 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 73
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	6.06618	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.631	3.626	0.005	1118894	12.0452	0.85(M)
$ 2 Chlorobenzene (sur)	0.740	0.755	-0.015	748163	10.8027	0.76(M)
3 TPH	0.529	0.580	-0.051	7255963	100.843	7.1(M)

QC Flag Legend

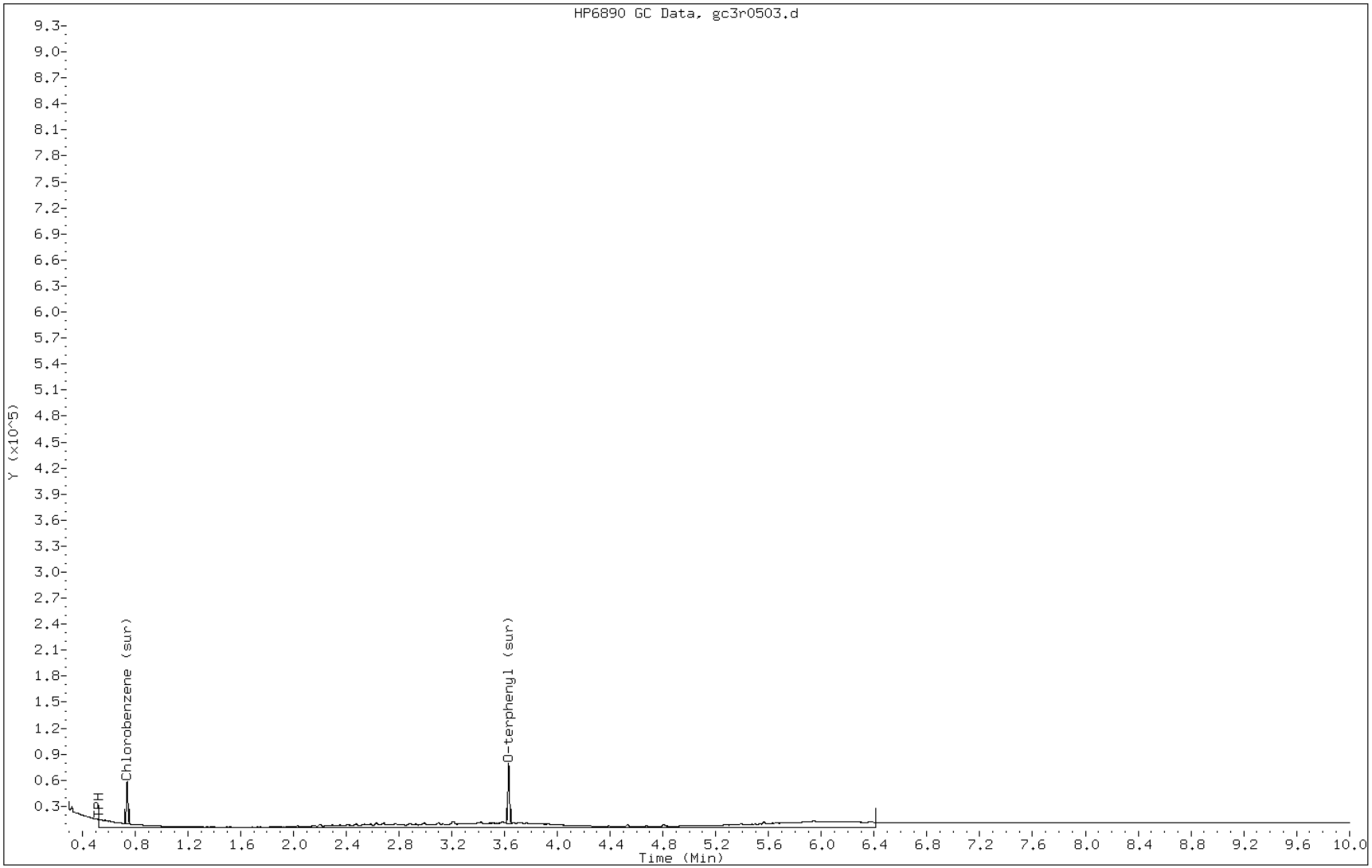
M - Compound response manually integrated.

Data File: gc3r0503.d

Date: 19-MAR-2013 02:08

Client ID: PMP-16-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-34-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0503.d
Inj. Date and Time: 19-MAR-2013 02:08
Instrument ID: BNAGC3.i
Client ID: PMP-16-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

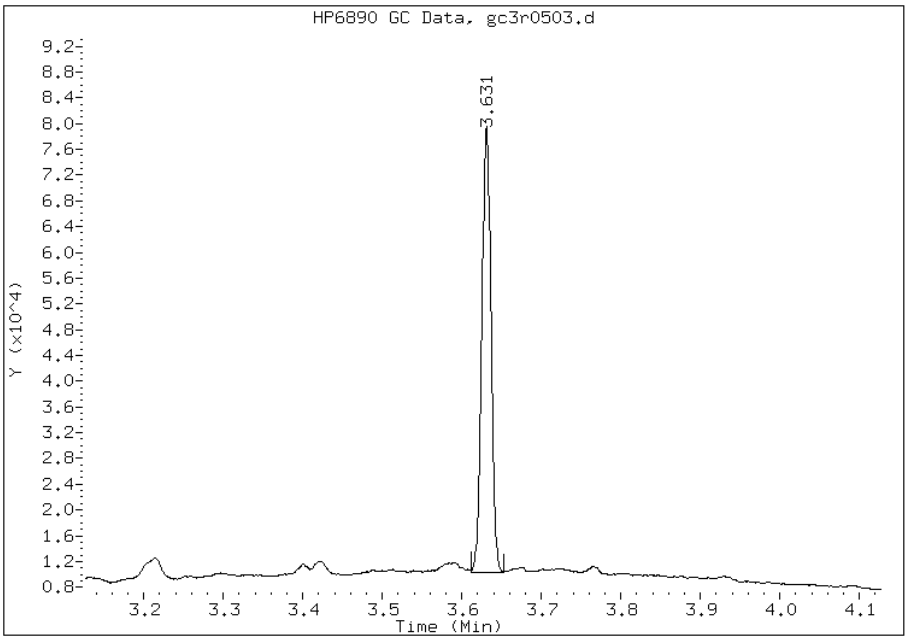
Manual Integration Results

RT: 3.63

Response: 1118894

Amount: 12.05

Conc: 0.85



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0503.d
Inj. Date and Time: 19-MAR-2013 02:08
Instrument ID: BNAGC3.i
Client ID: PMP-16-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

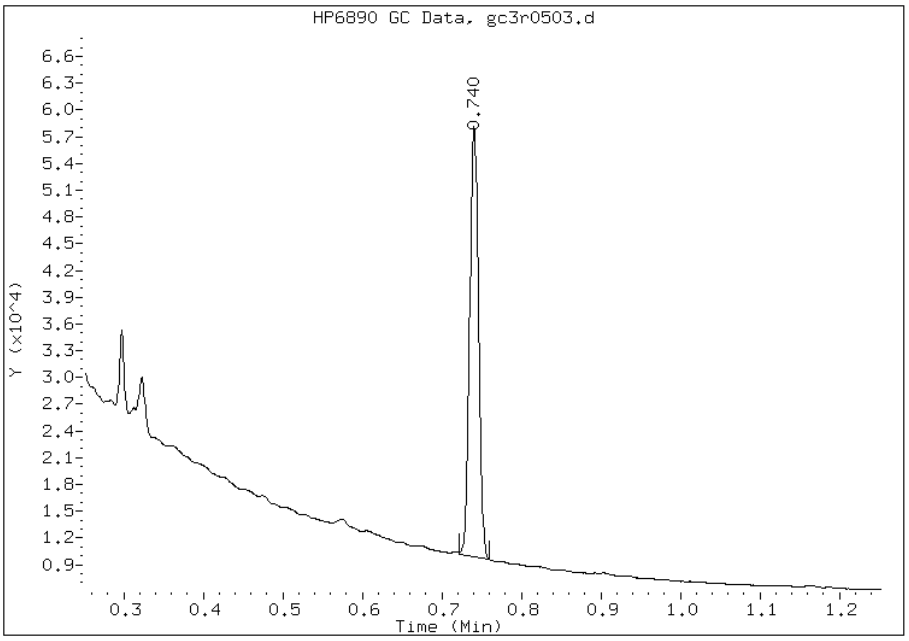
Manual Integration Results

RT: 0.74

Response: 748163

Amount: 10.80

Conc: 0.77



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-WT | Lab Sample ID: 460-52450-35

Matrix: Solid | Lab File ID: gc3r0565.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/14/2013 16:20

Extraction Method: 3546 | Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.03(g) | Date Analyzed: 03/19/2013 16:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2100		62	62

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0565.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0565.d
Lab Smp Id: 460-52450-F-35-B Client Smp ID: PMP-16-NE-WT
Inj Date : 19-MAR-2013 16:46
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-35-B
Misc Info : 460-52450-F-35-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:12 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 66
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	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	11.59930	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

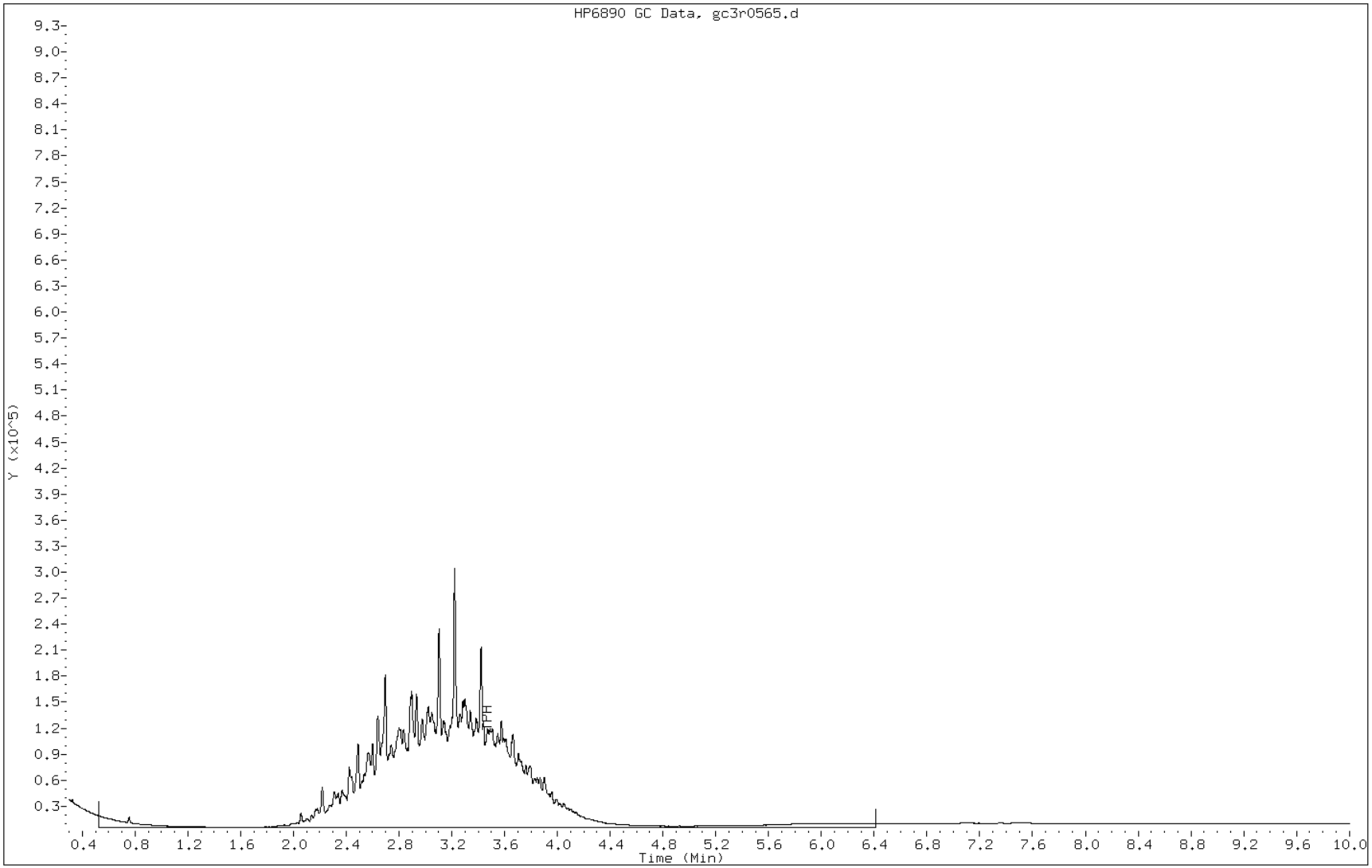
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.467	0.580	2.887	202438227	2813.46	2120

Data File: gc3r0565.d

Date: 19-MAR-2013 16:46

Client ID: PMP-16-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-35-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-16-NE-SI Lab Sample ID: 460-52450-36

Matrix: Solid Lab File ID: gc3r0507.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 16:25

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.05(g) Date Analyzed: 03/19/2013 03:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	34		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	65		50-105
108-90-7	Chlorobenzene	62		40-80

Data File: gc3r0507.d
Report Date: 20-Mar-2013 12:53

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0507.d
Lab Smp Id: 460-52450-F-36-B Client Smp ID: PMP-16-NE-SI
Inj Date : 19-MAR-2013 03:05
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-36-B
Misc Info : 460-52450-F-36-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:53 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 75
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	14.31335	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.629	-0.003	1209376	13.0192	1.0(M)
$ 2 Chlorobenzene (sur)	0.754	0.752	0.002	852221	12.3052	0.95(M)
3 TPH	3.221	0.578	2.643	31767112	441.496	34.2(M)

QC Flag Legend

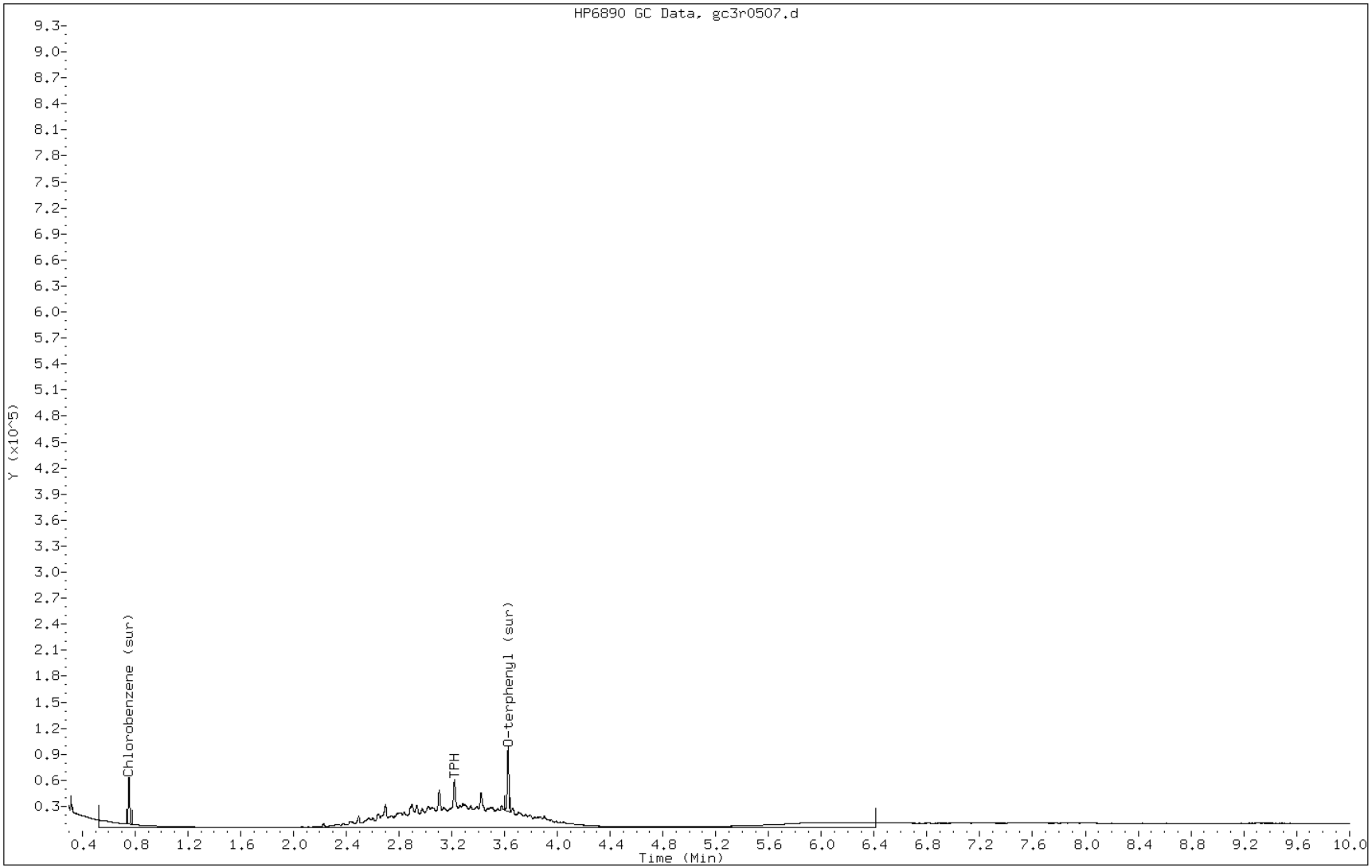
M - Compound response manually integrated.

Data File: gc3r0507.d

Date: 19-MAR-2013 03:05

Client ID: PMP-16-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-36-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0507.d
Inj. Date and Time: 19-MAR-2013 03:05
Instrument ID: BNAGC3.i
Client ID: PMP-16-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

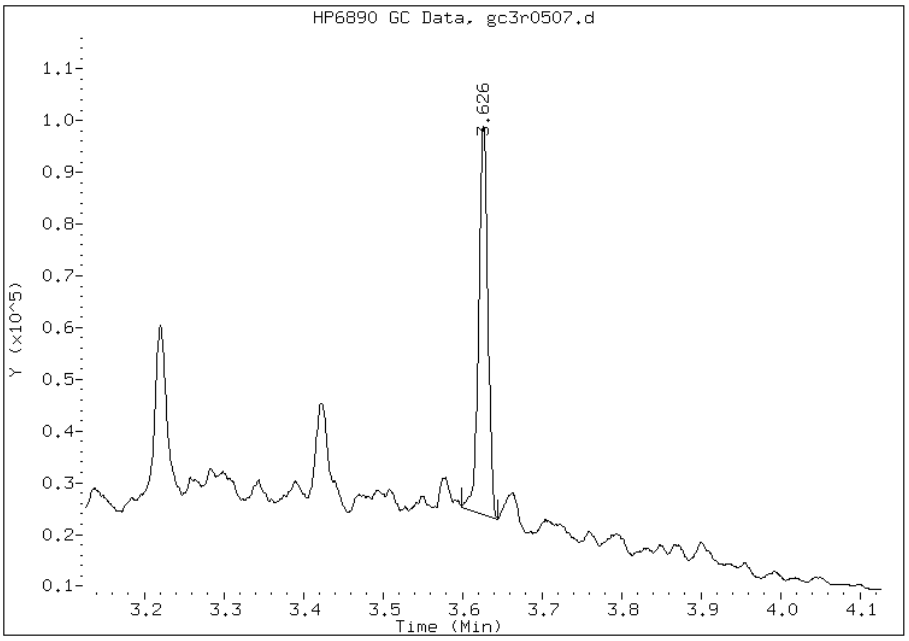
Manual Integration Results

RT: 3.63

Response: 1209376

Amount: 13.02

Conc: 1.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0507.d
Inj. Date and Time: 19-MAR-2013 03:05
Instrument ID: BNAGC3.i
Client ID: PMP-16-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

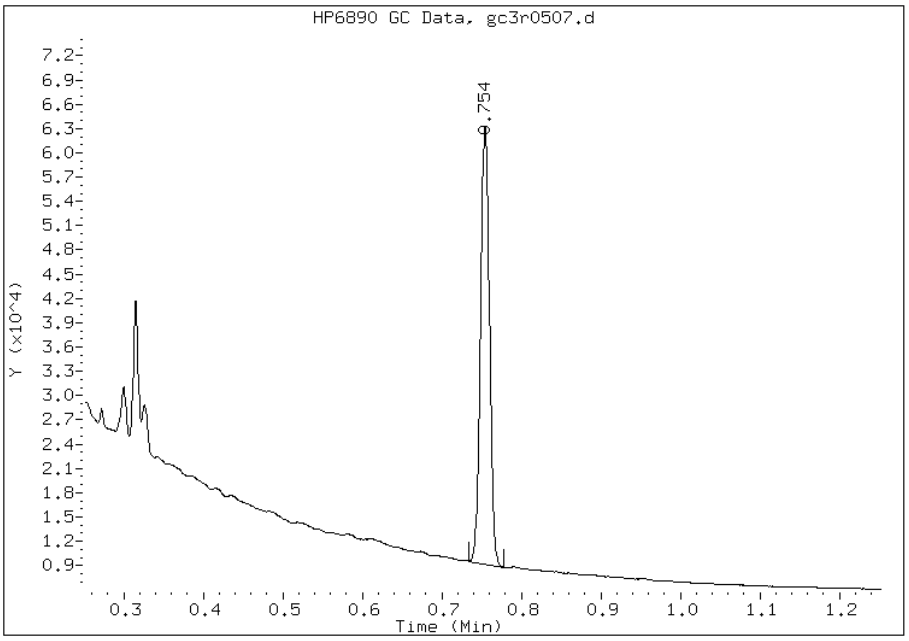
Manual Integration Results

RT: 0.75

Response: 852221

Amount: 12.31

Conc: 0.95



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-VD Lab Sample ID: 460-52450-37

Matrix: Solid Lab File ID: gc3r0508.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 16:50

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.02(g) Date Analyzed: 03/19/2013 03:19

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.9	U	5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	51		50-105
108-90-7	Chlorobenzene	45		40-80

Data File: gc3r0508.d
Report Date: 20-Mar-2013 12:53

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0508.d
Lab Smp Id: 460-52450-F-37-B Client Smp ID: PMP-15-NE-VD
Inj Date : 19-MAR-2013 03:19
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-37-B
Misc Info : 460-52450-F-37-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:53 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 76
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	7.29537	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.629	3.629	0.000	953881	10.2688	0.74(M)
$ 2 Chlorobenzene (sur)	0.753	0.752	0.001	621115	8.96827	0.64(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

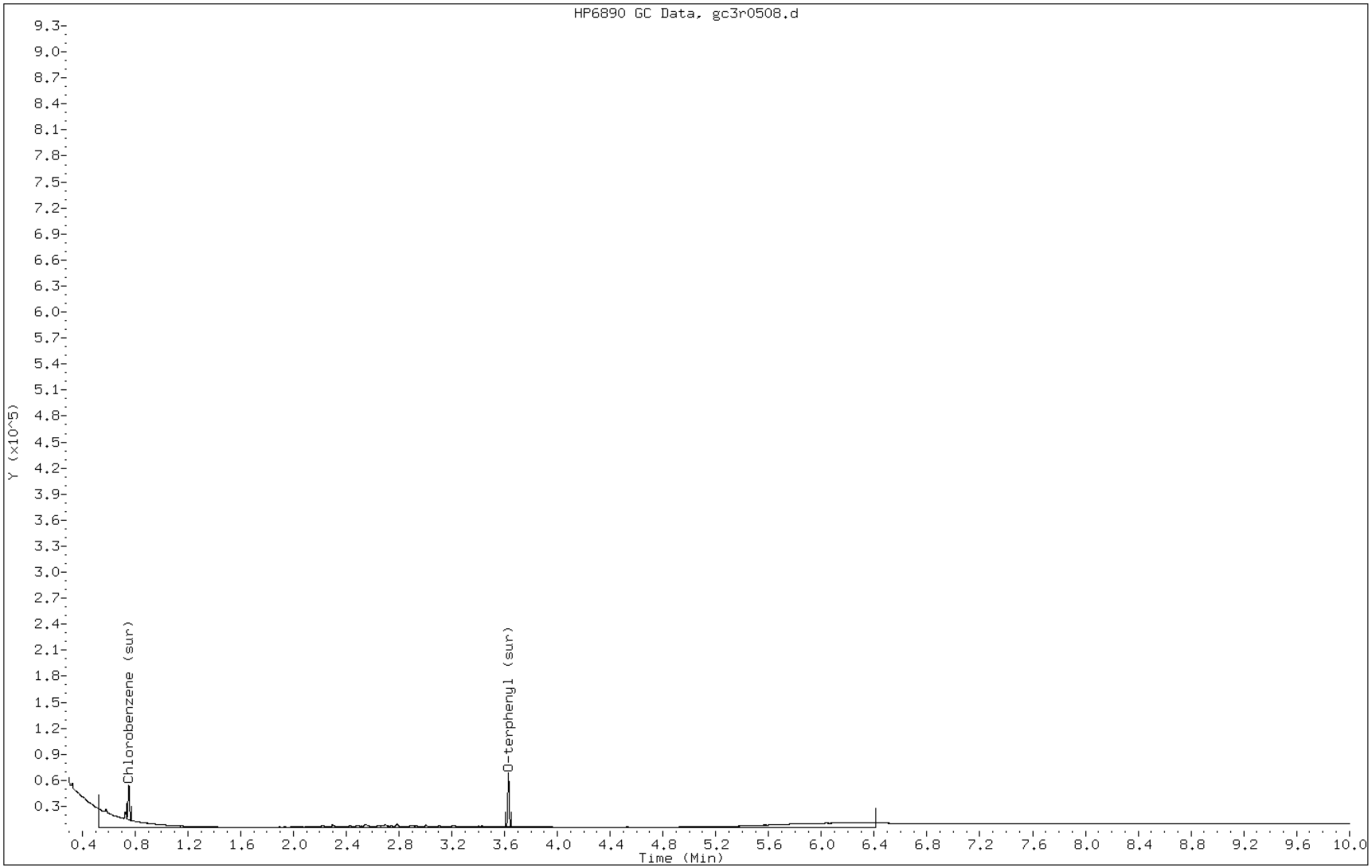
M - Compound response manually integrated.

Data File: gc3r0508.d

Date: 19-MAR-2013 03:19

Client ID: PMP-15-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-37-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0508.d
Inj. Date and Time: 19-MAR-2013 03:19
Instrument ID: BNAGC3.i
Client ID: PMP-15-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

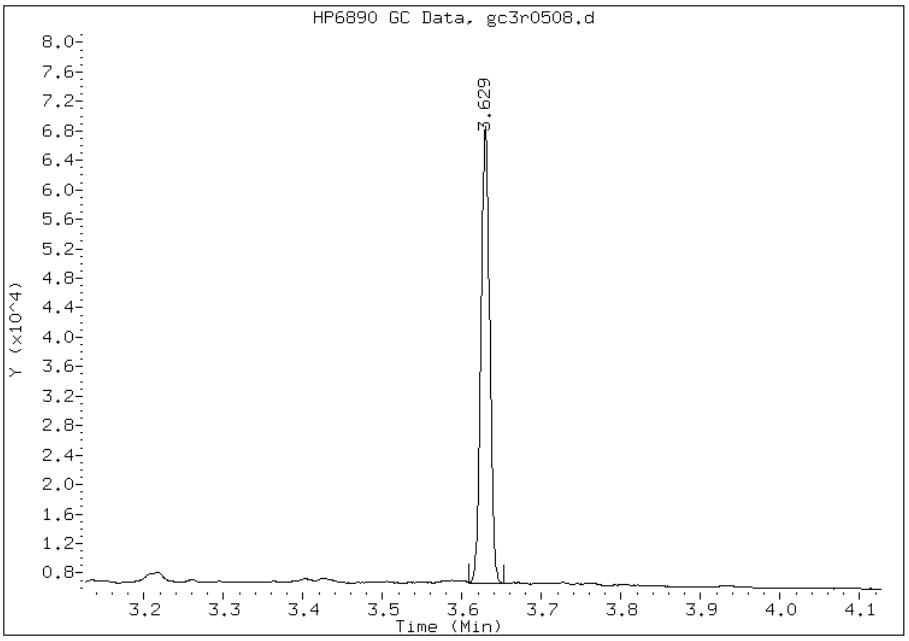
Manual Integration Results

RT: 3.63

Response: 953881

Amount: 10.27

Conc: 0.74



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0508.d
Inj. Date and Time: 19-MAR-2013 03:19
Instrument ID: BNAGC3.i
Client ID: PMP-15-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

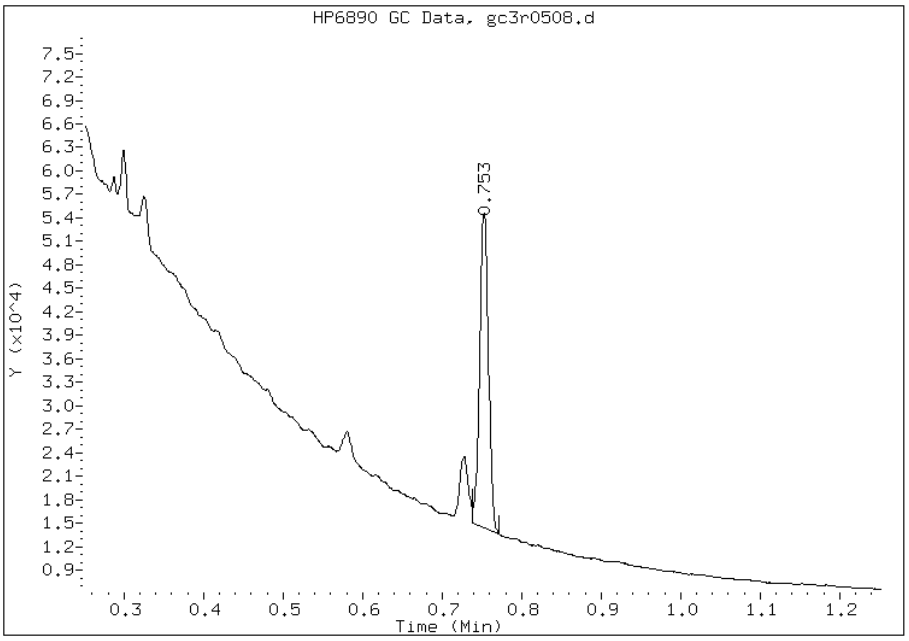
Manual Integration Results

RT: 0.75

Response: 621115

Amount: 8.97

Conc: 0.64



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-WT Lab Sample ID: 460-52450-38

Matrix: Solid Lab File ID: gc3r0509.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 16:55

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 03:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.1	U	6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		50-105
108-90-7	Chlorobenzene	64		40-80

Data File: gc3r0509.d
Report Date: 21-Mar-2013 16:40

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0509.d
Lab Smp Id: 460-52450-F-38-B Client Smp ID: PMP-15-NE-WT
Inj Date : 19-MAR-2013 03:33
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-38-B
Misc Info : 460-52450-F-38-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:56 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 77
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	10.63830	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.630	3.627	0.003	1273252	13.7069	1.0(M)
$ 2 Chlorobenzene (sur)	0.754	0.752	0.002	885346	12.7835	0.95(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

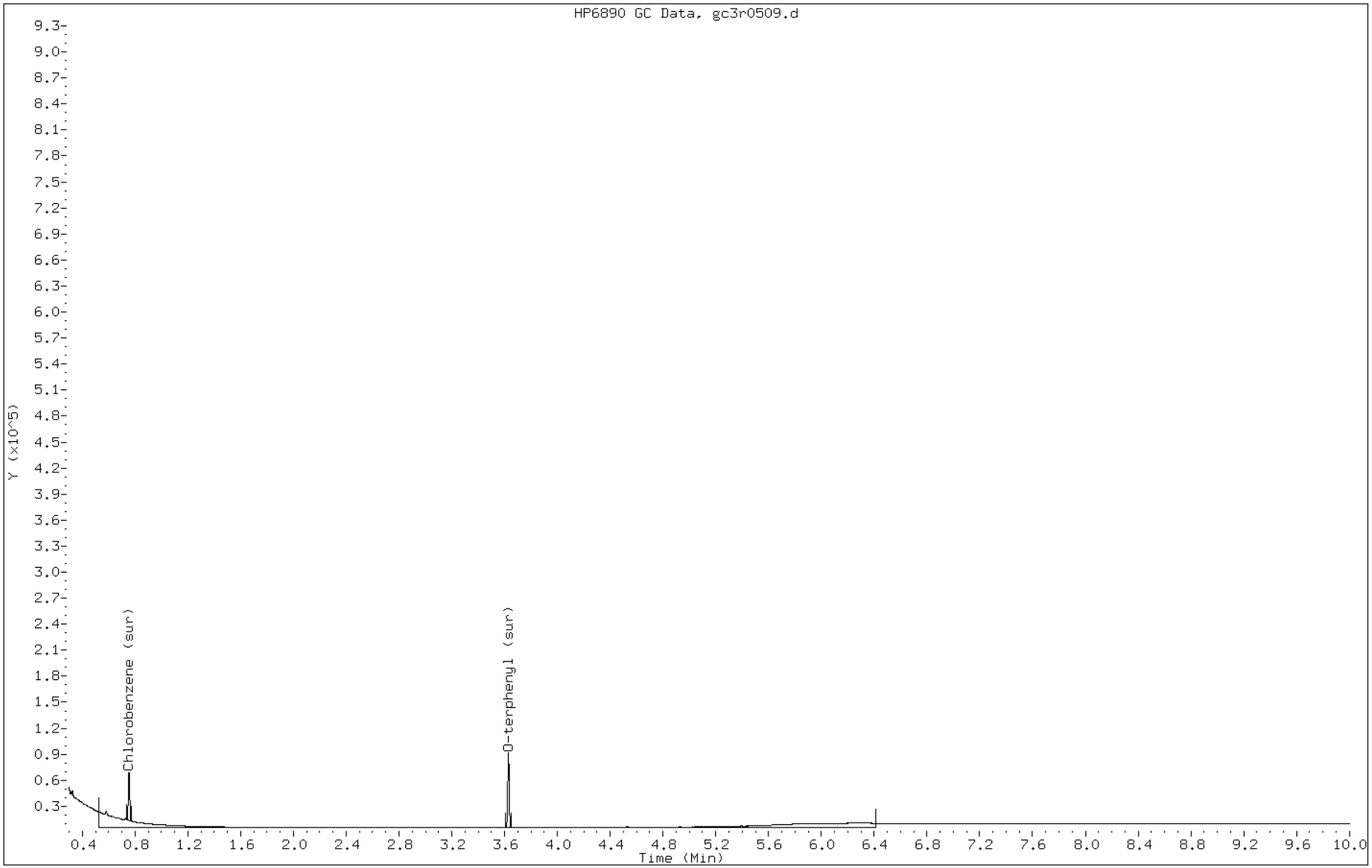
M - Compound response manually integrated.

Data File: gc3r0509.d

Date: 19-MAR-2013 03:33

Client ID: PMP-15-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-38-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0509.d
Inj. Date and Time: 19-MAR-2013 03:33
Instrument ID: BNAGC3.i
Client ID: PMP-15-NE-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

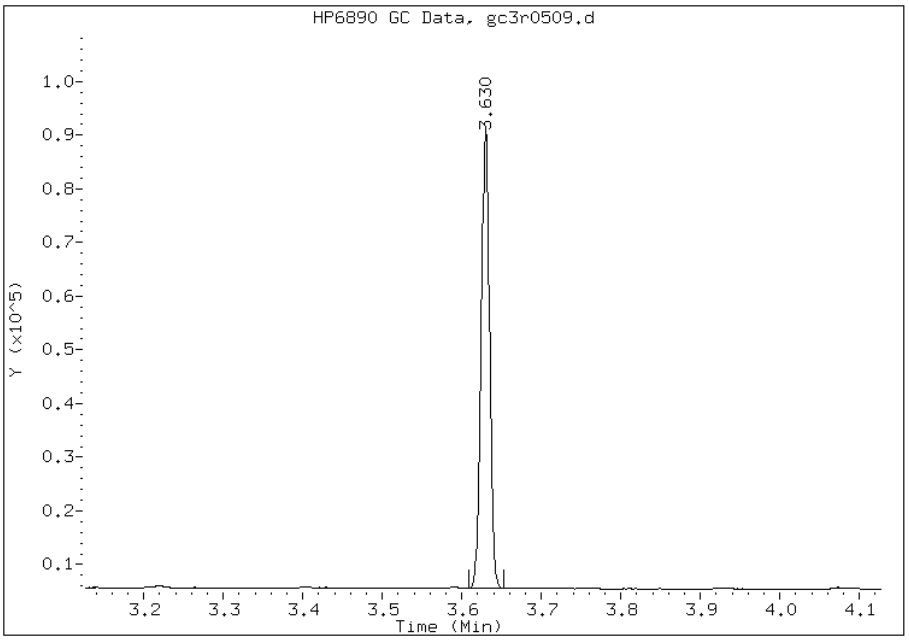
Manual Integration Results

RT: 3.63

Response: 1273252

Amount: 13.71

Conc: 1.02



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0509.d
Inj. Date and Time: 19-MAR-2013 03:33
Instrument ID: BNAGC3.i
Client ID: PMP-15-NE-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

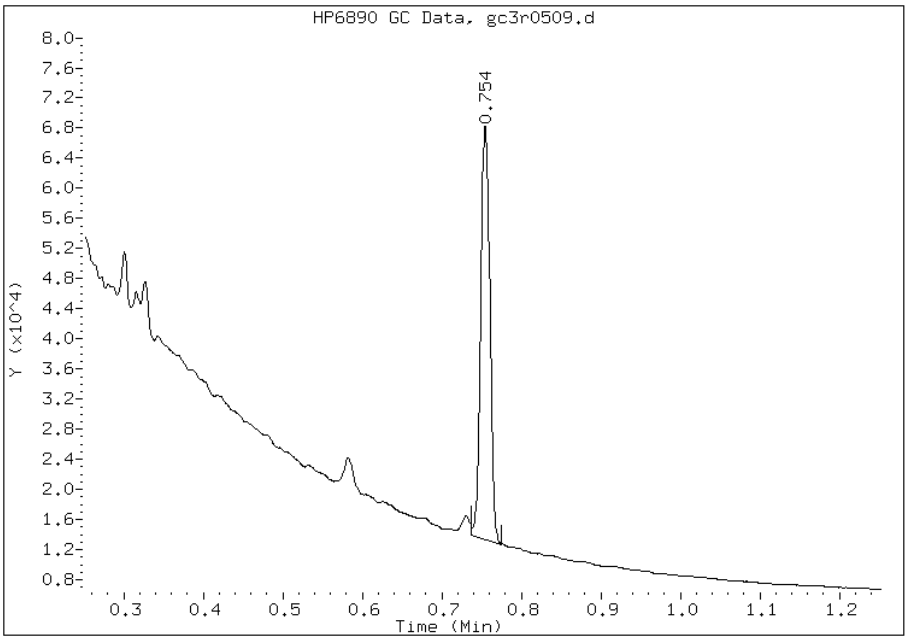
Manual Integration Results

RT: 0.75

Response: 885346

Amount: 12.78

Conc: 0.95



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SI Lab Sample ID: 460-52450-39

Matrix: Solid Lab File ID: gc3r0510.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 17:00

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.05(g) Date Analyzed: 03/19/2013 03:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.1	U	6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		50-105
108-90-7	Chlorobenzene	64		40-80

Data File: gc3r0510.d
Report Date: 20-Mar-2013 12:53

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0510.d
Lab Smp Id: 460-52450-F-39-B Client Smp ID: PMP-15-NE-SI
Inj Date : 19-MAR-2013 03:48
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-39-B
Misc Info : 460-52450-F-39-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:53 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 78
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	10.37736	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.627	3.629	-0.002	1277864	13.7565	1.0(M)
$ 2 Chlorobenzene (sur)	0.753	0.752	0.001	881088	12.7220	0.94(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

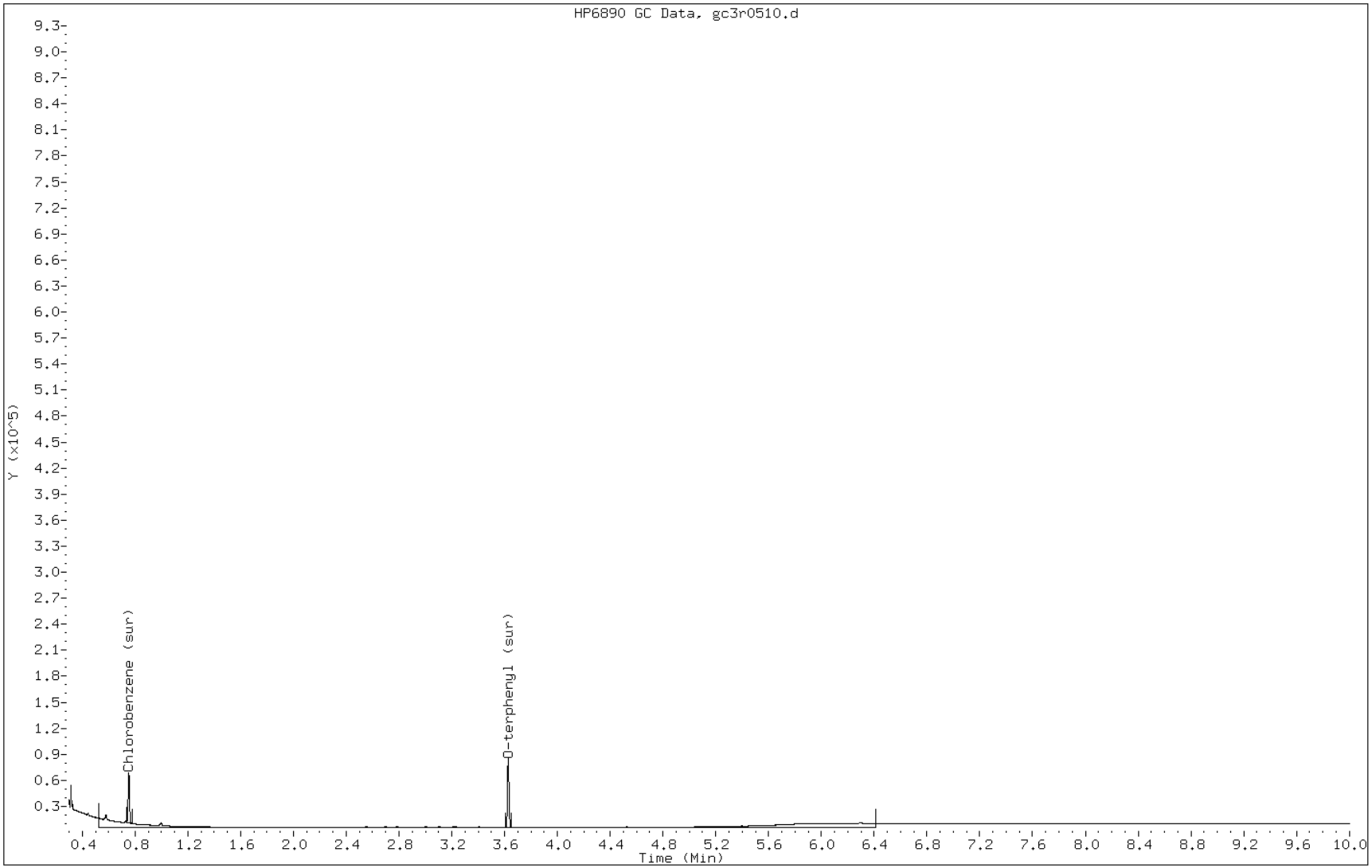
M - Compound response manually integrated.

Data File: gc3r0510.d

Date: 19-MAR-2013 03:48

Client ID: PMP-15-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-39-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0510.d
Inj. Date and Time: 19-MAR-2013 03:48
Instrument ID: BNAGC3.i
Client ID: PMP-15-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

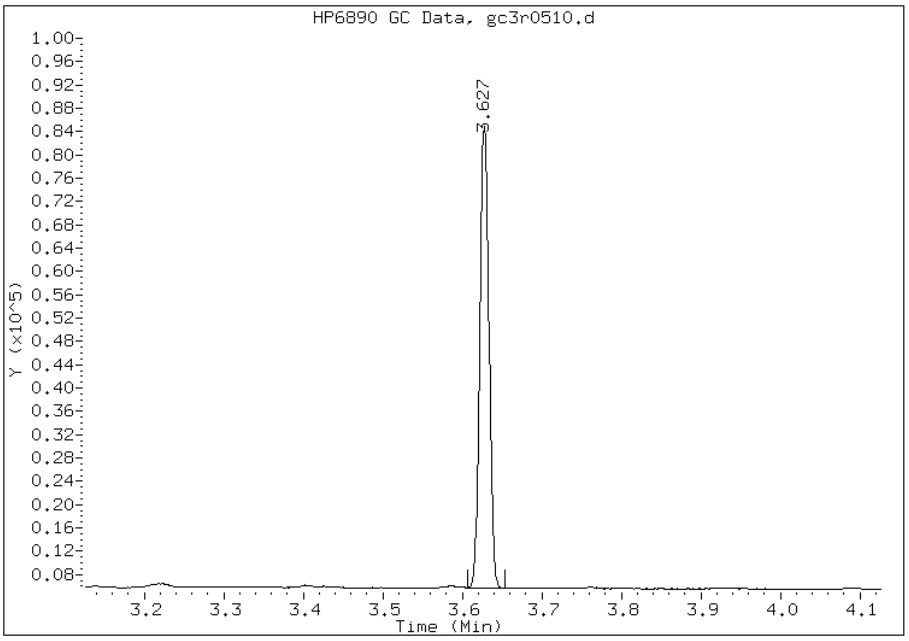
Manual Integration Results

RT: 3.63

Response: 1277864

Amount: 13.76

Conc: 1.02



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0510.d
Inj. Date and Time: 19-MAR-2013 03:48
Instrument ID: BNAGC3.i
Client ID: PMP-15-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

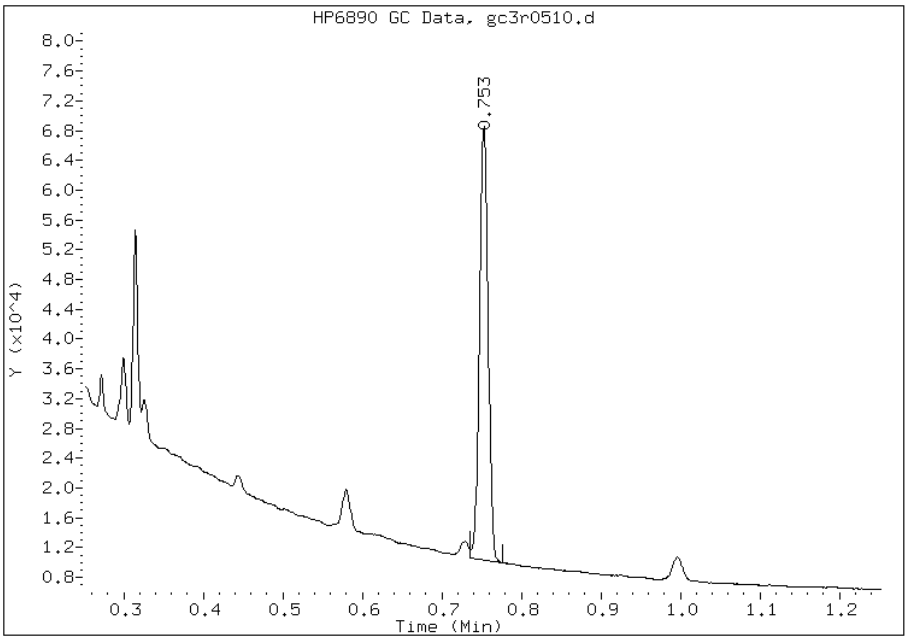
Manual Integration Results

RT: 0.75

Response: 881088

Amount: 12.72

Conc: 0.94



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-15-NE-SD Lab Sample ID: 460-52450-40

Matrix: Solid Lab File ID: gc3r0566.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 17:05

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 17:00

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 9.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1900		61	61

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0566.d
Report Date: 21-Mar-2013 10:12

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0566.d
Lab Smp Id: 460-52450-F-40-B Client Smp ID: PMP-15-NE-SD
Inj Date : 19-MAR-2013 17:00
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-40-B
Misc Info : 460-52450-F-40-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:12 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 67
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	9.94475	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

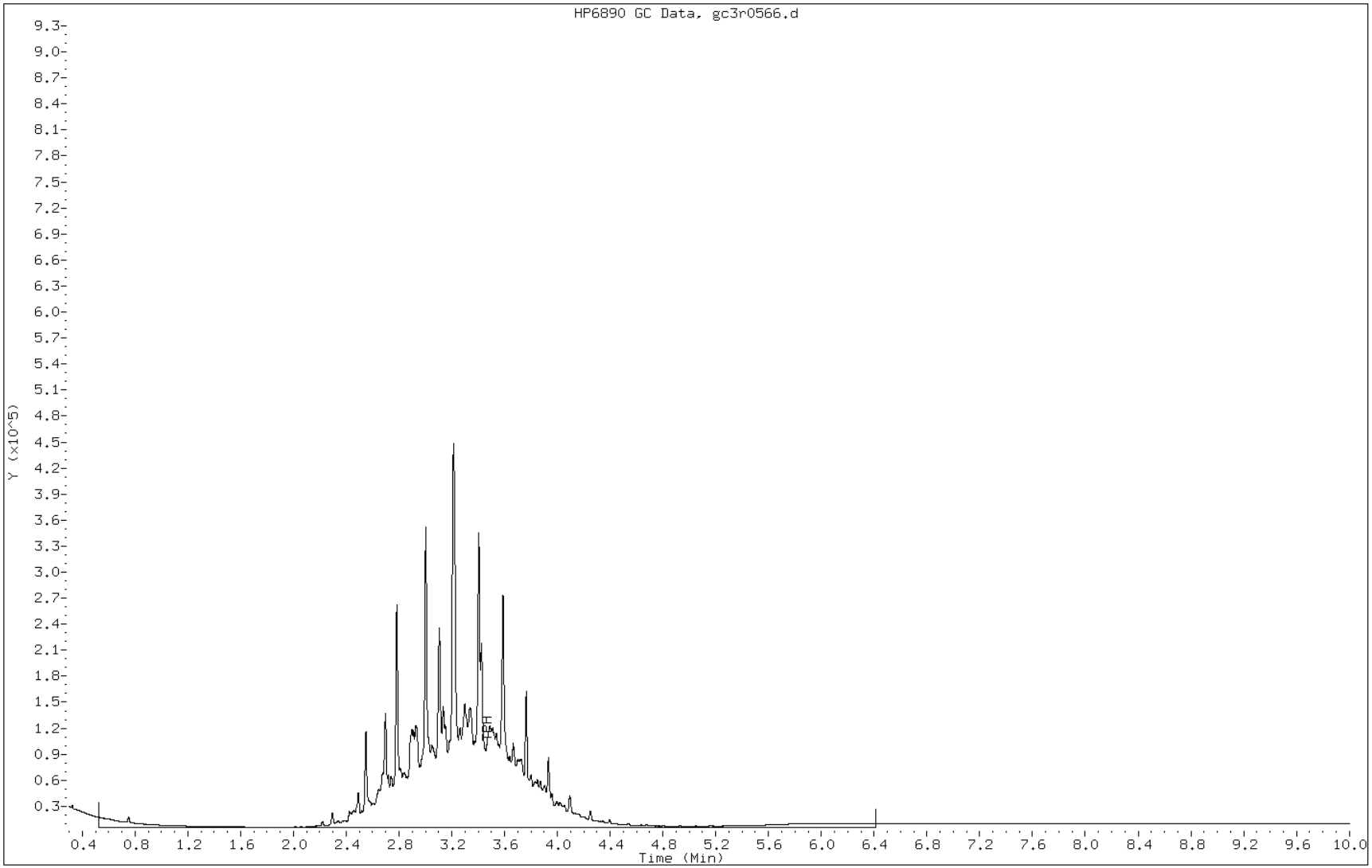
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.467	0.580	2.887	182224688	2532.54	1870

Data File: gc3r0566.d

Date: 19-MAR-2013 17:00

Client ID: PMP-15-NE-SD Instrument: BNAGC3.i

Sample Info: 460-52450-F-40-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD Lab Sample ID: 460-52450-41

Matrix: Solid Lab File ID: gc3r0518.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 17:35

Extraction Method: 3546 Date Extracted: 03/18/2013 11:40

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 05:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		50-105
108-90-7	Chlorobenzene	56		40-80

Data File: gc3r0518.d
Report Date: 20-Mar-2013 12:54

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0518.d
Lab Smp Id: 460-52450-F-41-D Client Smp ID: PMP-28-NE-VD
Inj Date : 19-MAR-2013 05:41
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-41-D
Misc Info : 460-52450-F-41-D
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:53 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	4.37158	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.627	3.624	0.003	1137911	12.2499	0.85(M)
$ 2 Chlorobenzene (sur)	0.753	0.753	0.000	770336	11.1229	0.78(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

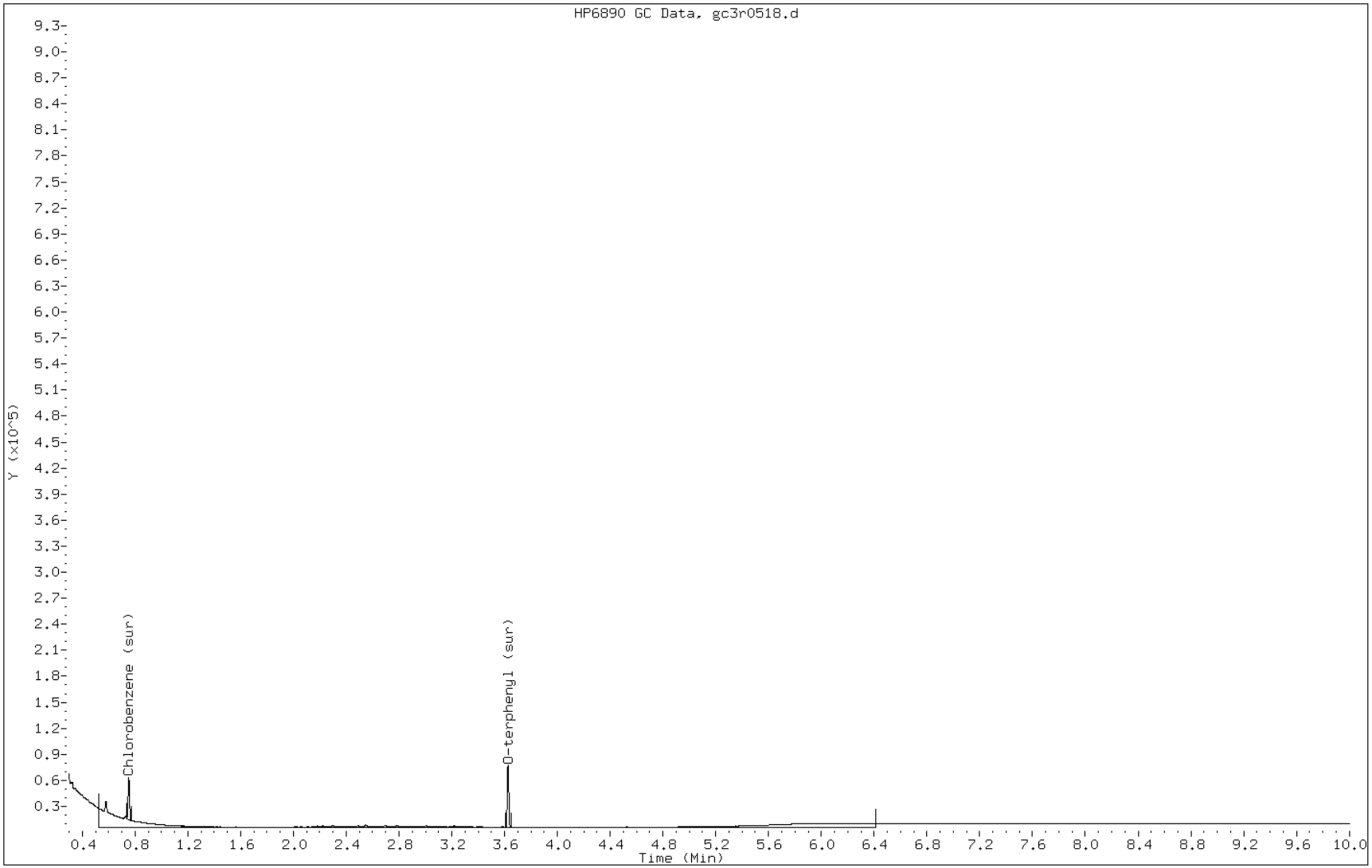
M - Compound response manually integrated.

Data File: gc3r0518.d

Date: 19-MAR-2013 05:41

Client ID: PMP-28-NE-VD Instrument: BNAGC3.i

Sample Info: 460-52450-F-41-D Operator: BNAGC1



Manual Integration Report

Data File: gc3r0518.d
Inj. Date and Time: 19-MAR-2013 05:41
Instrument ID: BNAGC3.i
Client ID: PMP-28-NE-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

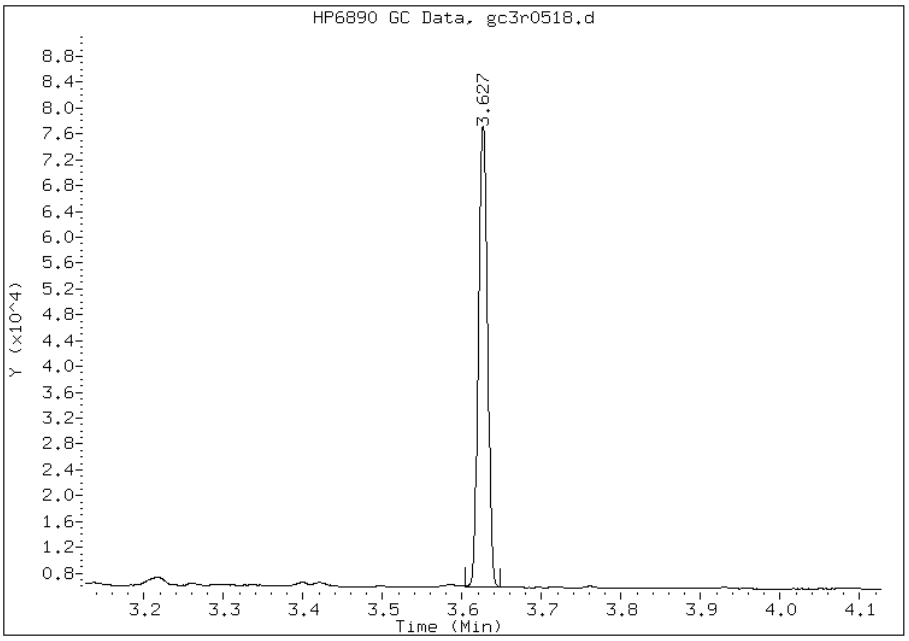
Manual Integration Results

RT: 3.63

Response: 1137911

Amount: 12.25

Conc: 0.85



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0518.d
Inj. Date and Time: 19-MAR-2013 05:41
Instrument ID: BNAGC3.i
Client ID: PMP-28-NE-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

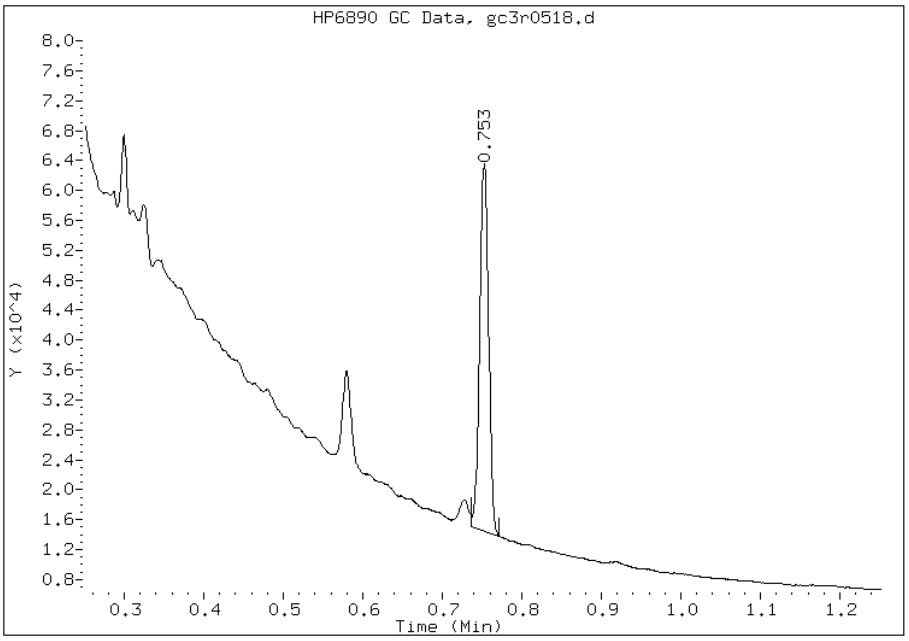
Manual Integration Results

RT: 0.75

Response: 770336

Amount: 11.12

Conc: 0.78



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-WT Lab Sample ID: 460-52450-42

Matrix: Solid Lab File ID: gc3r0574.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 17:40

Extraction Method: 3546 Date Extracted: 03/18/2013 11:40

Sample wt/vol: 15.01(g) Date Analyzed: 03/19/2013 18:54

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 8.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2200		60	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

Data File: gc3r0574.d
Report Date: 21-Mar-2013 10:13

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0574.d
Lab Smp Id: 460-52450-F-42-B Client Smp ID: PMP-28-NE-WT
Inj Date : 19-MAR-2013 18:54
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-42-B
Misc Info : 460-52450-F-42-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:12 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 75
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	8.87372	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

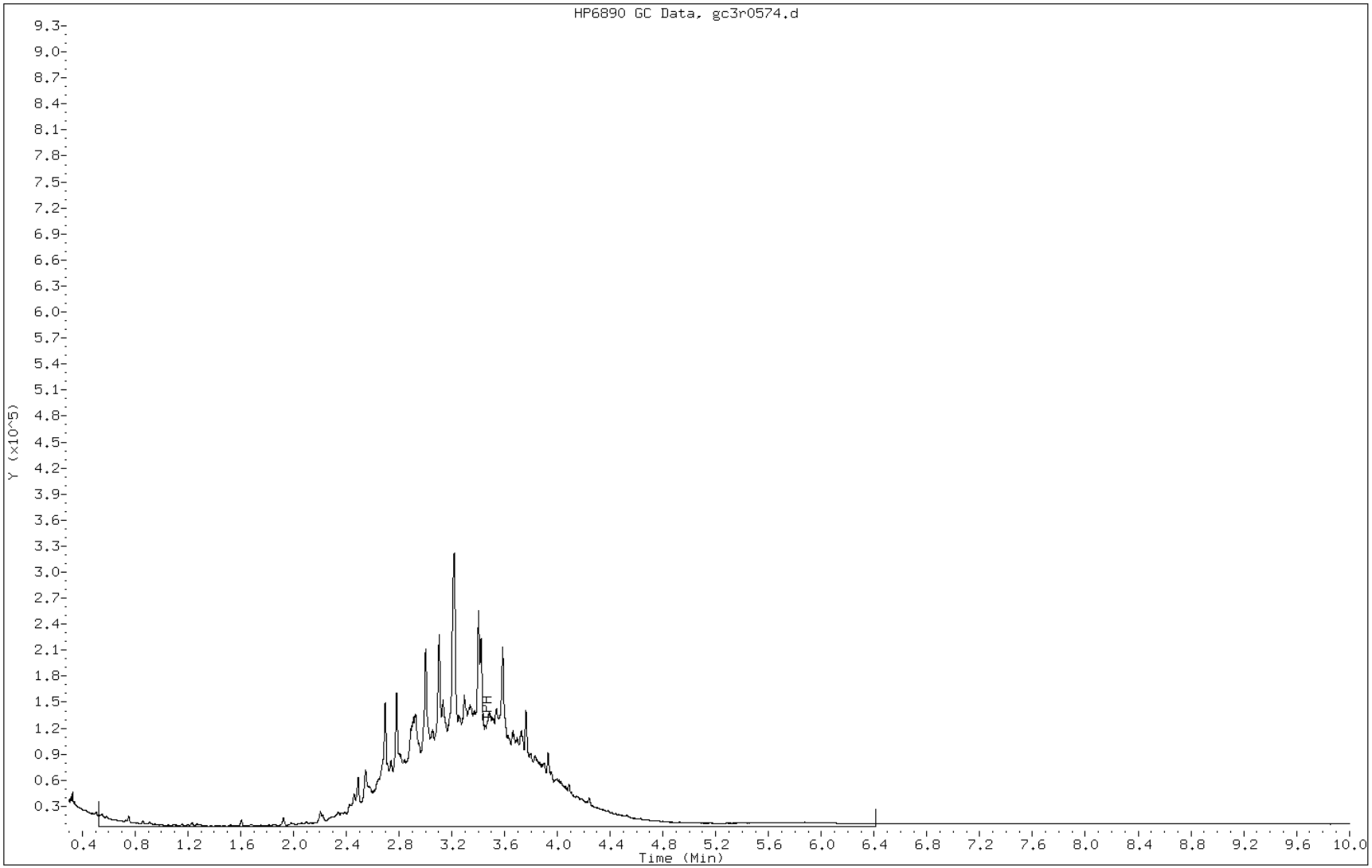
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.467	0.580	2.887	219046329	3044.28	2220

Data File: gc3r0574.d

Date: 19-MAR-2013 18:54

Client ID: PMP-28-NE-WT Instrument: BNAGC3.i

Sample Info: 460-52450-F-42-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SI Lab Sample ID: 460-52450-43

Matrix: Solid Lab File ID: gc3r0540.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 17:45

Extraction Method: 3546 Date Extracted: 03/18/2013 11:40

Sample wt/vol: 15.03(g) Date Analyzed: 03/19/2013 10:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	12		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		50-105
108-90-7	Chlorobenzene	57		40-80

Data File: gc3r0540.d
Report Date: 20-Mar-2013 12:56

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0540.d
Lab Smp Id: 460-52450-F-43-B Client Smp ID: PMP-28-NE-SI
Inj Date : 19-MAR-2013 10:53
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-43-B
Misc Info : 460-52450-F-43-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:56 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	12.95938	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.622	3.626	-0.004	1135693	12.2260	0.93(M)
$ 2 Chlorobenzene (sur)	0.753	0.755	-0.002	787874	11.3761	0.87(M)
3 TPH	3.214	0.580	2.634	11378547	158.138	12.1(M)

QC Flag Legend

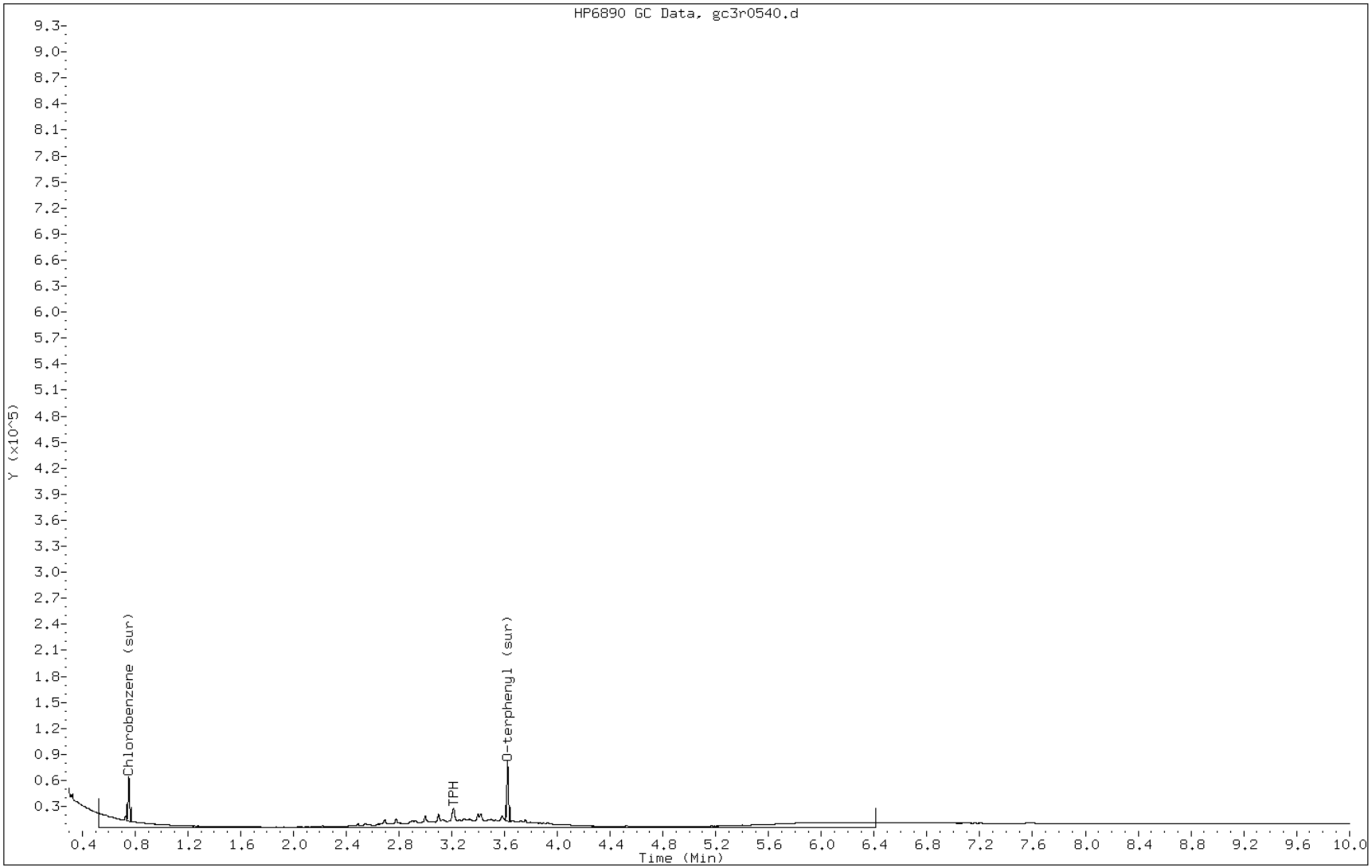
M - Compound response manually integrated.

Data File: gc3r0540.d

Date: 19-MAR-2013 10:53

Client ID: PMP-28-NE-SI Instrument: BNAGC3.i

Sample Info: 460-52450-F-43-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0540.d
Inj. Date and Time: 19-MAR-2013 10:53
Instrument ID: BNAGC3.i
Client ID: PMP-28-NE-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

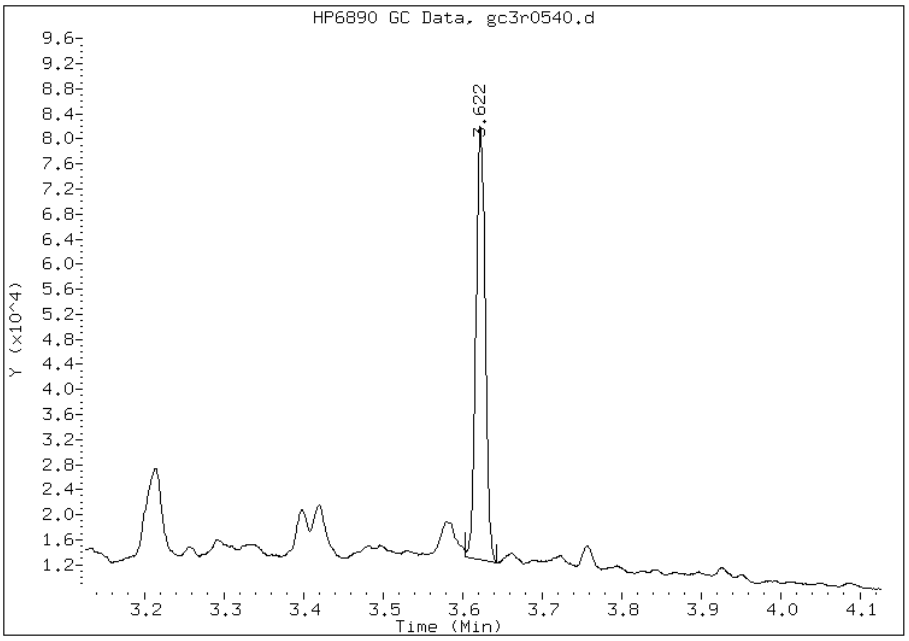
Manual Integration Results

RT: 3.62

Response: 1135693

Amount: 12.23

Conc: 0.93



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0540.d
Inj. Date and Time: 19-MAR-2013 10:53
Instrument ID: BNAGC3.i
Client ID: PMP-28-NE-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

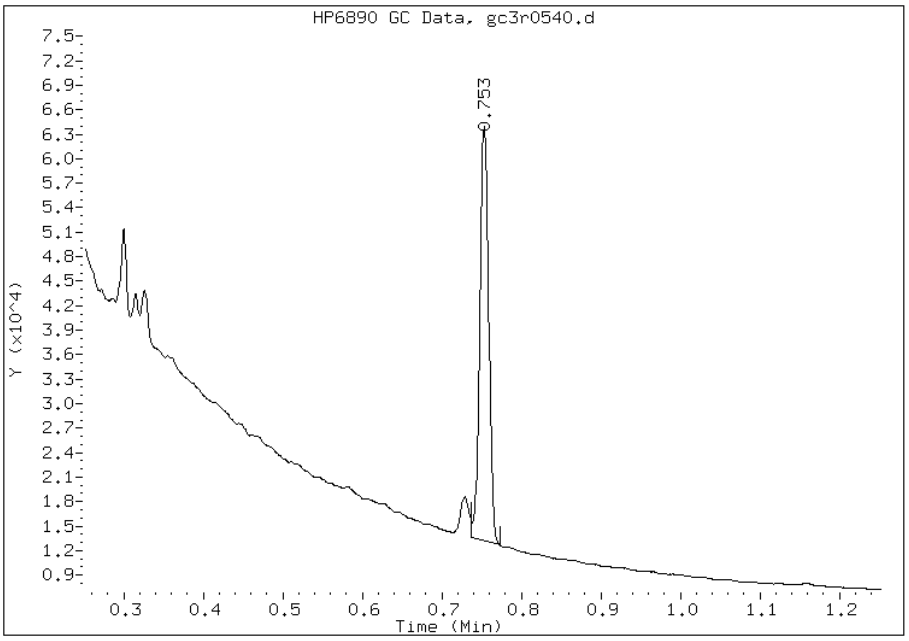
Manual Integration Results

RT: 0.75

Response: 787874

Amount: 11.38

Conc: 0.87



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-SD Lab Sample ID: 460-52450-44

Matrix: Solid Lab File ID: gc3r0541.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 17:50

Extraction Method: 3546 Date Extracted: 03/18/2013 11:40

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 11:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 12.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	57		50-105
108-90-7	Chlorobenzene	52		40-80

Data File: gc3r0541.d
Report Date: 20-Mar-2013 12:56

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0541.d
Lab Smp Id: 460-52450-F-44-B Client Smp ID: PMP-28-NE-SD
Inj Date : 19-MAR-2013 11:08
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-F-44-B
Misc Info : 460-52450-F-44-B
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:56 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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	12.10938	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.628	3.626	0.002	1053894	11.3454	0.86(M)
$ 2 Chlorobenzene (sur)	0.753	0.755	-0.002	722223	10.4282	0.79(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

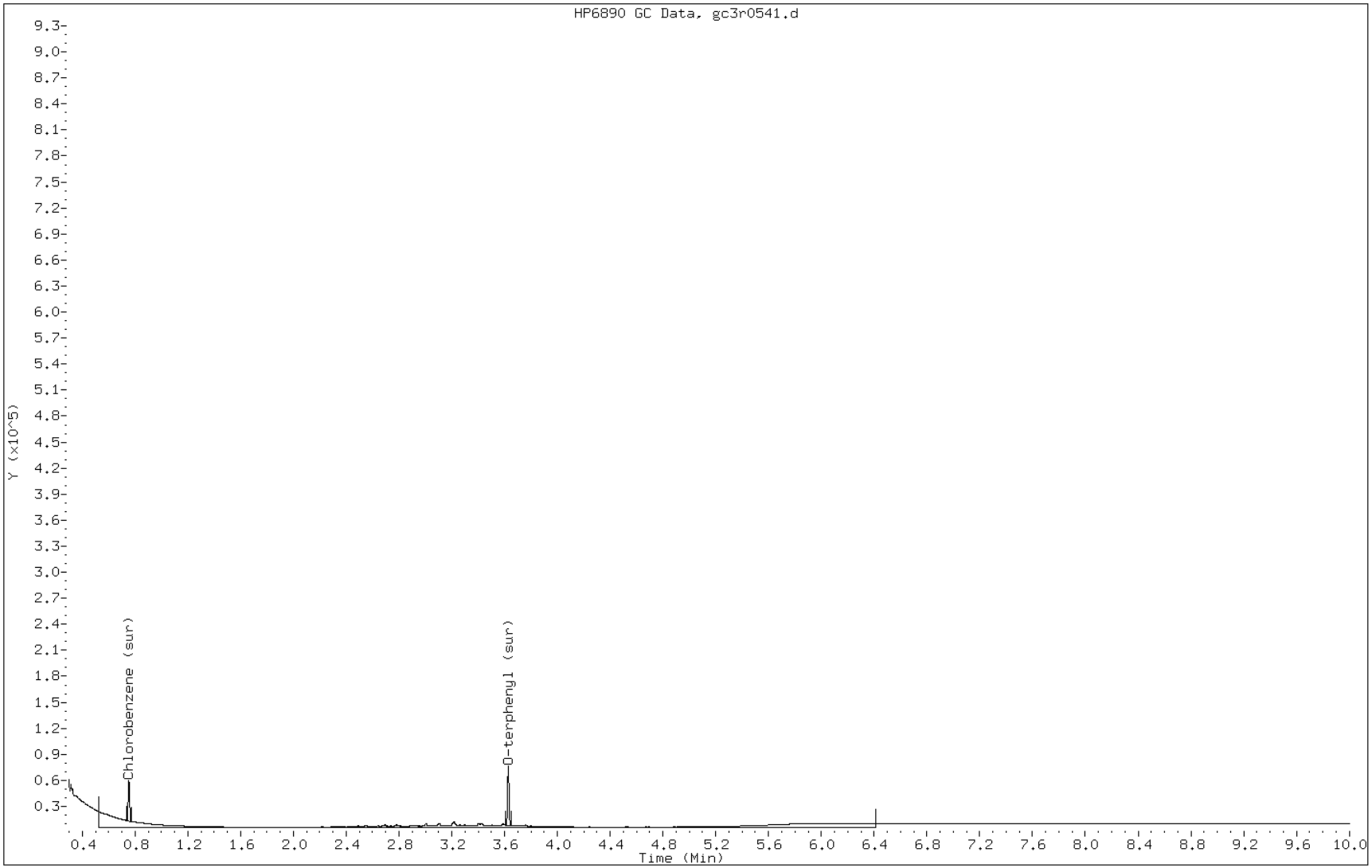
M - Compound response manually integrated.

Data File: gc3r0541.d

Date: 19-MAR-2013 11:08

Client ID: PMP-28-NE-SD Instrument: BNAGC3.i

Sample Info: 460-52450-F-44-B Operator: BNAGC1



Manual Integration Report

Data File: gc3r0541.d
Inj. Date and Time: 19-MAR-2013 11:08
Instrument ID: BNAGC3.i
Client ID: PMP-28-NE-SD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

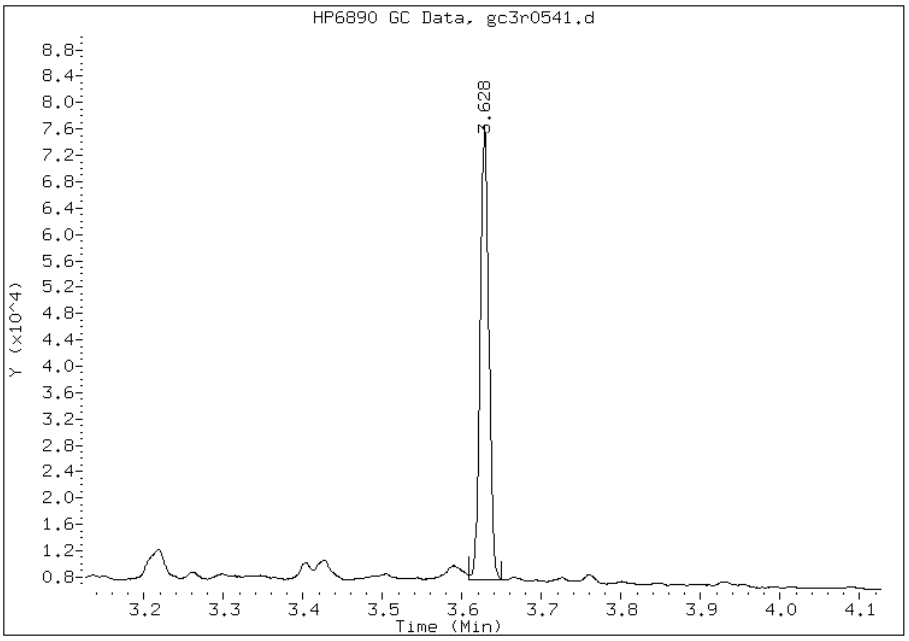
Manual Integration Results

RT: 3.63

Response: 1053894

Amount: 11.35

Conc: 0.86



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0541.d
Inj. Date and Time: 19-MAR-2013 11:08
Instrument ID: BNAGC3.i
Client ID: PMP-28-NE-SD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

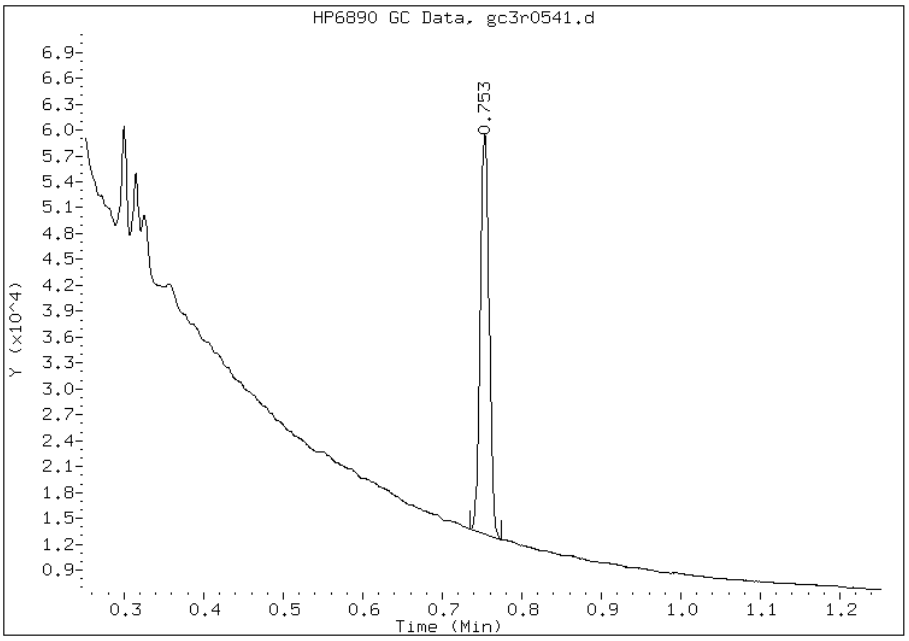
Manual Integration Results

RT: 0.75

Response: 722223

Amount: 10.43

Conc: 0.79



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: FB_031513 Lab Sample ID: 460-52450-45

Matrix: Water Lab File ID: gc3r0610.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/15/2013 07:30

Extraction Method: 3510C Date Extracted: 03/19/2013 09:56

Sample wt/vol: 980(mL) Date Analyzed: 03/20/2013 03:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.084	U	0.084	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	66		51-123
108-90-7	Chlorobenzene	51		42-93

Data File: gc3r0610.d
Report Date: 21-Mar-2013 10:15

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0610.d
Lab Smp Id: 460-52450-D-45-A Client Smp ID: FB_031513
Inj Date : 20-MAR-2013 03:24
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : 460-52450-D-45-A
Misc Info : 460-52450-D-45-A
Comment   :
Method   : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:15 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/(Vo*1000) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (ml)
Vo	980.00000	Initial Volume

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/L)
$ 1 O-terphenyl (sur)	3.628	3.626	0.002	1232767	13.2711	0.014(M)
$ 2 Chlorobenzene (sur)	0.753	0.753	0.000	707361	10.2136	0.010(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

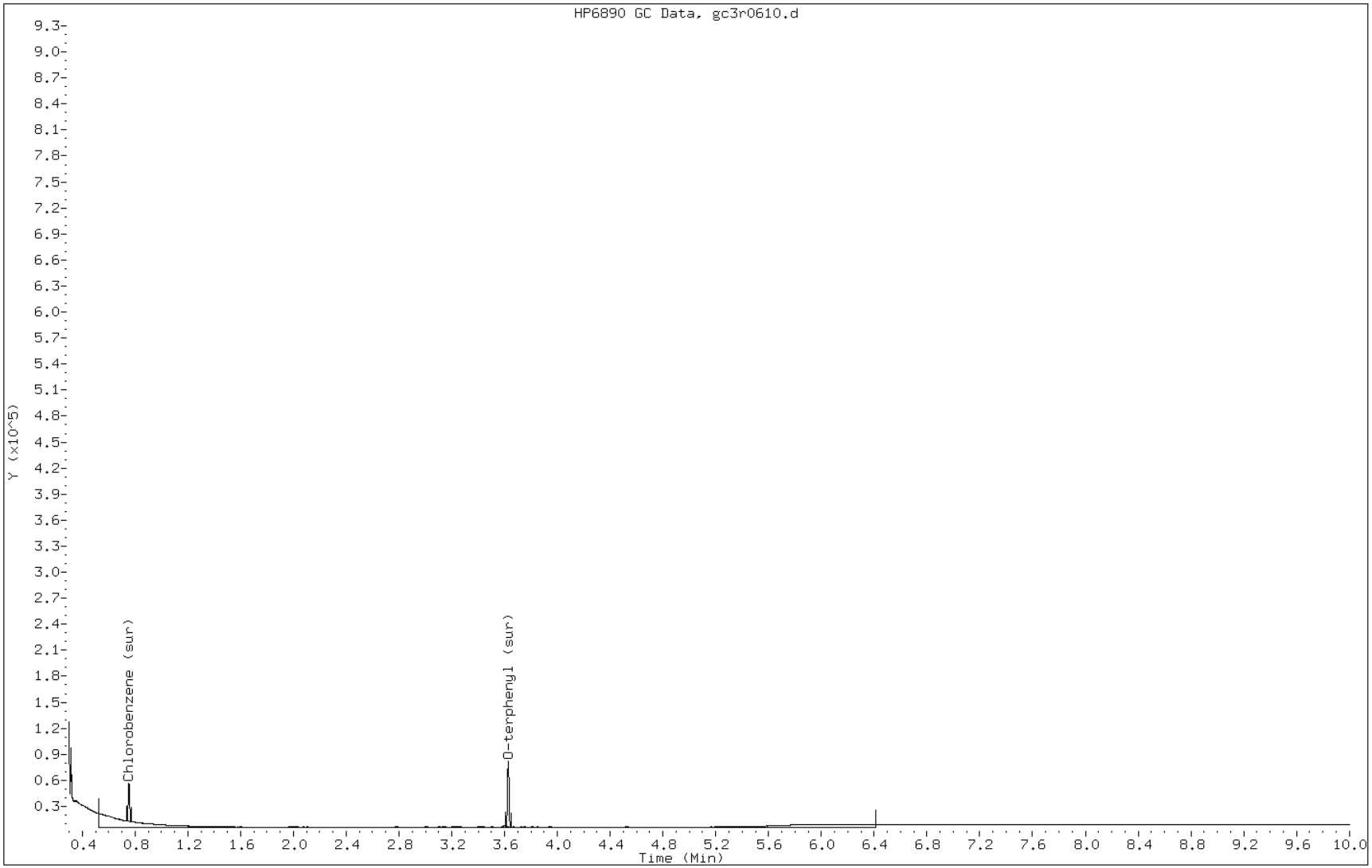
M - Compound response manually integrated.

Data File: gc3r0610.d

Date: 20-MAR-2013 03:24

Client ID: FB_031513 Instrument: BNAGC3.i

Sample Info: 460-52450-D-45-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0610.d
Inj. Date and Time: 20-MAR-2013 03:24
Instrument ID: BNAGC3.i
Client ID: FB_031513
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

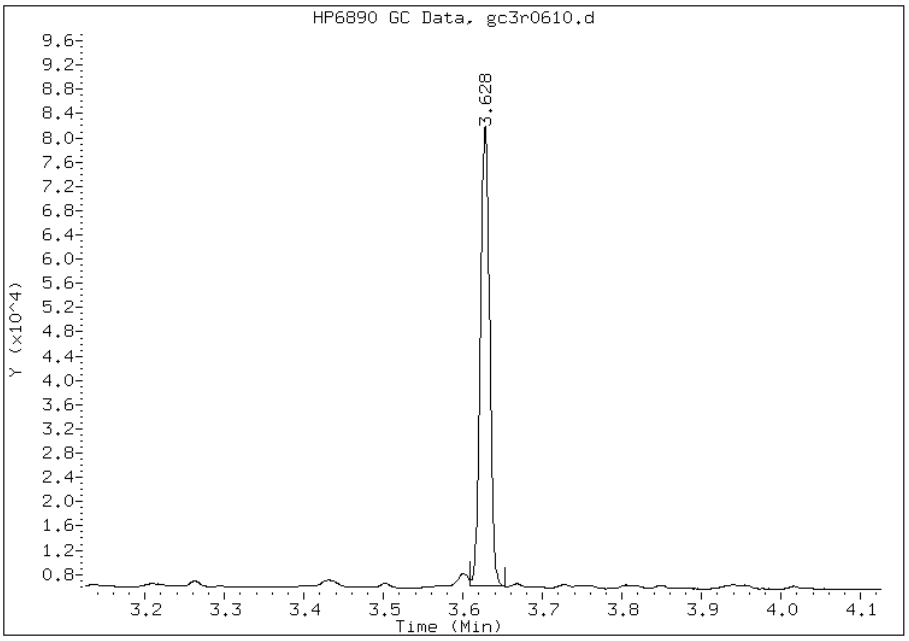
Manual Integration Results

RT: 3.63

Response: 1232767

Amount: 13.27

Conc: 0.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0610.d
Inj. Date and Time: 20-MAR-2013 03:24
Instrument ID: BNAGC3.i
Client ID: FB_031513
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

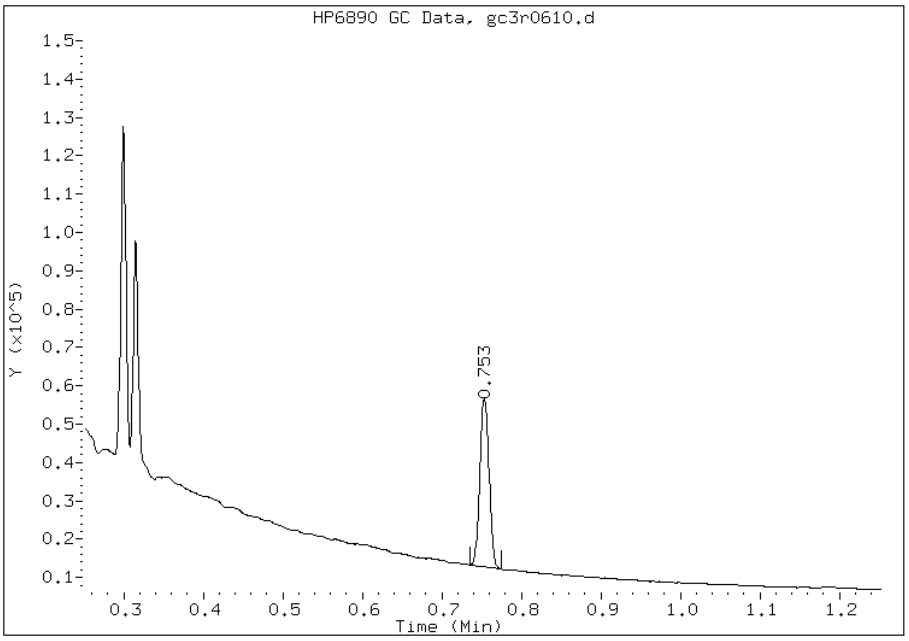
Manual Integration Results

RT: 0.75

Response: 707361

Amount: 10.21

Conc: 0.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 139446

SDG No.:

Instrument ID: BNAGC3 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2012 12:58 Calibration End Date: 12/12/2012 14:53 Calibration ID: 19242

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-139446/10	gc3r0012.d
Level 2	IC 460-139446/5	gc3r0007.d
Level 3	IC 460-139446/6	gc3r0008.d
Level 4	IC 460-139446/7	gc3r0009.d
Level 5	IC 460-139446/8	gc3r0010.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	0.600	0.615	0.617	3.417	3.418						0.000 - 33.418	1.733
Chlorobenzene	0.775	0.795	0.797	0.793	0.795						0.695 - 0.895	0.791
o-Terphenyl	3.643	3.647	3.646	3.649	3.648						3.548 - 3.748	3.647

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 139446

SDG No.:

Instrument ID: BNAGC3 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2012 12:58 Calibration End Date: 12/12/2012 14:53 Calibration ID: 19242

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-139446/10	gc3r0012.d
Level 2	IC 460-139446/5	gc3r0007.d
Level 3	IC 460-139446/6	gc3r0008.d
Level 4	IC 460-139446/7	gc3r0009.d
Level 5	IC 460-139446/8	gc3r0010.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								
Total Petroleum Hydrocarbons (C8-C40)	62860 76030	76485	75134	69257	Ave		71953.4129				8.1		20.0			
Chlorobenzene	77920 68852	68874	65148	65492	Ave		69256.9600				7.4		20.0			
o-Terphenyl	115612 89730	95174	82767	81175	Ave		92891.3920				14.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-52450-1 Analy Batch No.: 139446

SDG No.:

Instrument ID: BNAGC3 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2012 12:58 Calibration End Date: 12/12/2012 14:53 Calibration ID: 19242

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-139446/10	gc3r0012.d
Level 2	IC 460-139446/5	gc3r0007.d
Level 3	IC 460-139446/6	gc3r0008.d
Level 4	IC 460-139446/7	gc3r0009.d
Level 5	IC 460-139446/8	gc3r0010.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Total Petroleum Hydrocarbons (C8-C40)	Ave	5174672	31481355	61849957	142531403	312941496	82.3	412	823	2058	4116
Chlorobenzene	Ave	19480	86092	162869	409322	860651	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	28903	118967	206917	507344	1121619	0.250	1.25	2.50	6.25	12.5

Curve Type Legend:
Ave = Average

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152029/3 Calibration Date: 03/18/2013 08:51

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0449.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	70930		2030	2060	-1.4	15.0
Chlorobenzene	Ave	69257	63522		5.73	6.25	-8.3	15.0
o-Terphenyl	Ave	92891	81727		5.50	6.25	-12.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152029/3 Calibration Date: 03/18/2013 08:51

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0449.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152029/14 Calibration Date: 03/18/2013 12:05

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0460.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	73503		2100	2060	2.2	15.0
Chlorobenzene	Ave	69257	64867		5.85	6.25	-6.3	15.0
o-Terphenyl	Ave	92891	81425		5.48	6.25	-12.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152029/14 Calibration Date: 03/18/2013 12:05

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0460.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152029/25 Calibration Date: 03/18/2013 14:40

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0471.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	75311		2150	2060	4.7	15.0
Chlorobenzene	Ave	69257	67325		6.08	6.25	-2.8	15.0
o-Terphenyl	Ave	92891	83708		5.63	6.25	-9.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152029/25 Calibration Date: 03/18/2013 14:40

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0471.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.62	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152029/33 Calibration Date: 03/18/2013 16:33

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0479.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	73030		2090	2060	1.5	15.0
Chlorobenzene	Ave	69257	67221		6.07	6.25	-2.9	15.0
o-Terphenyl	Ave	92891	83673		5.63	6.25	-9.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152029/33 Calibration Date: 03/18/2013 16:33

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0479.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/3 Calibration Date: 03/18/2013 21:25

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0483.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	70123		2010	2060	-2.5	15.0
Chlorobenzene	Ave	69257	65028		5.87	6.25	-6.1	15.0
o-Terphenyl	Ave	92891	80988		5.45	6.25	-12.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/3 Calibration Date: 03/18/2013 21:25

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0483.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/15 Calibration Date: 03/19/2013 00:19

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0495.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	70655		2020	2060	-1.8	15.0
Chlorobenzene	Ave	69257	65958		5.95	6.25	-4.8	15.0
o-Terphenyl	Ave	92891	80396		5.41	6.25	-13.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/15 Calibration Date: 03/19/2013 00:19

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0495.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/25 Calibration Date: 03/19/2013 02:51

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0506.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	68834		1970	2060	-4.3	15.0
Chlorobenzene	Ave	69257	65659		5.93	6.25	-5.2	15.0
o-Terphenyl	Ave	92891	81275		5.47	6.25	-12.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/25 Calibration Date: 03/19/2013 02:51

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0506.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/31 Calibration Date: 03/19/2013 04:30

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0513.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	72240		2070	2060	0.4	15.0
Chlorobenzene	Ave	69257	68983		6.23	6.25	-0.4	15.0
o-Terphenyl	Ave	92891	84678		5.70	6.25	-8.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/31 Calibration Date: 03/19/2013 04:30

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0513.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.62	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/43 Calibration Date: 03/19/2013 07:21

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0525.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	73690		2110	2060	2.4	15.0
Chlorobenzene	Ave	69257	70085		6.32	6.25	1.2	15.0
o-Terphenyl	Ave	92891	84478		5.68	6.25	-9.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/43 Calibration Date: 03/19/2013 07:21

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0525.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/54 Calibration Date: 03/19/2013 09:57

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0536.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	74240		2120	2060	3.2	15.0
Chlorobenzene	Ave	69257	68546		6.19	6.25	-1.0	15.0
o-Terphenyl	Ave	92891	83893		5.64	6.25	-9.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/54 Calibration Date: 03/19/2013 09:57

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0536.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/62 Calibration Date: 03/19/2013 11:50

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0544.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	75352		2160	2060	4.7	15.0
Chlorobenzene	Ave	69257	70765		6.39	6.25	2.2	15.0
o-Terphenyl	Ave	92891	97275		6.54	6.25	4.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/3 Calibration Date: 03/19/2013 11:50

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0544.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	75352		2160	2060	4.7	15.0
Chlorobenzene	Ave	69257	70765		6.39	6.25	2.2	15.0
o-Terphenyl	Ave	92891	97275		6.54	6.25	4.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-151904/62 Calibration Date: 03/19/2013 11:50

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0544.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/3 Calibration Date: 03/19/2013 11:50

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0544.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/10 Calibration Date: 03/19/2013 13:43

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0552.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	75975		2170	2060	5.6	15.0
Chlorobenzene	Ave	69257	72061		6.50	6.25	4.0	15.0
o-Terphenyl	Ave	92891	98603		6.63	6.25	6.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/10 Calibration Date: 03/19/2013 13:43

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0552.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/22 Calibration Date: 03/19/2013 16:32

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0564.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	77184		2210	2060	7.3	15.0
Chlorobenzene	Ave	69257	73560		6.64	6.25	6.2	15.0
o-Terphenyl	Ave	92891	96561		6.50	6.25	4.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/22 Calibration Date: 03/19/2013 16:32

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0564.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/34 Calibration Date: 03/19/2013 19:22

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0576.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	75831		2170	2060	5.4	15.0
Chlorobenzene	Ave	69257	72126		6.51	6.25	4.1	15.0
o-Terphenyl	Ave	92891	99299		6.68	6.25	6.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/34 Calibration Date: 03/19/2013 19:22

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0576.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/64 Calibration Date: 03/20/2013 02:27

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0606.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	80181		2290	2060	11.4	15.0
Chlorobenzene	Ave	69257	72620		6.55	6.25	4.9	15.0
o-Terphenyl	Ave	92891	104223		7.01	6.25	12.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/64 Calibration Date: 03/20/2013 02:27

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0606.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/71 Calibration Date: 03/20/2013 04:06

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0613.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	78018		2230	2060	8.4	15.0
Chlorobenzene	Ave	69257	73224		6.61	6.25	5.7	15.0
o-Terphenyl	Ave	92891	103565		6.97	6.25	11.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152060/71 Calibration Date: 03/20/2013 04:06

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0613.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152358/3 Calibration Date: 03/22/2013 07:54

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0768.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	70299		2010	2060	-2.3	15.0
Chlorobenzene	Ave	69257	63794		5.76	6.25	-7.9	15.0
o-Terphenyl	Ave	92891	88921		5.98	6.25	-4.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152358/3 Calibration Date: 03/22/2013 07:54

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0768.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.62	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152358/15 Calibration Date: 03/22/2013 10:43

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0780.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	73924		2110	2060	2.7	15.0
Chlorobenzene	Ave	69257	61280		5.53	6.25	-11.5	15.0
o-Terphenyl	Ave	92891	86164		5.80	6.25	-7.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152358/15 Calibration Date: 03/22/2013 10:43

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0780.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152358/27 Calibration Date: 03/22/2013 13:39

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0792.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	71953	75691		2160	2060	5.2	15.0
Chlorobenzene	Ave	69257	67844		6.12	6.25	-2.0	15.0
o-Terphenyl	Ave	92891	90086		6.06	6.25	-3.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Lab Sample ID: CCV 460-152358/27 Calibration Date: 03/22/2013 13:39

Instrument ID: BNAGC3 Calib Start Date: 12/12/2012 12:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 12/12/2012 14:53

Lab File ID: gc3r0792.d

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	0.57	0.00	30.58
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.63	3.53	3.73

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151461/1-A

Matrix: Solid Lab File ID: gc3r0450.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 09:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	66		40-80

Data File: gc3r0450.d
Report Date: 21-Mar-2013 08:23

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0450.d
Lab Smp Id: MB 460-151248/1-A
Inj Date : 18-MAR-2013 09:34
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : MB 460-151248/1-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 56
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.623	3.631	-0.008	1333202	14.3523	0.96(M)
$ 2 Chlorobenzene (sur)	0.740	0.751	-0.011	915870	13.2242	0.88(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

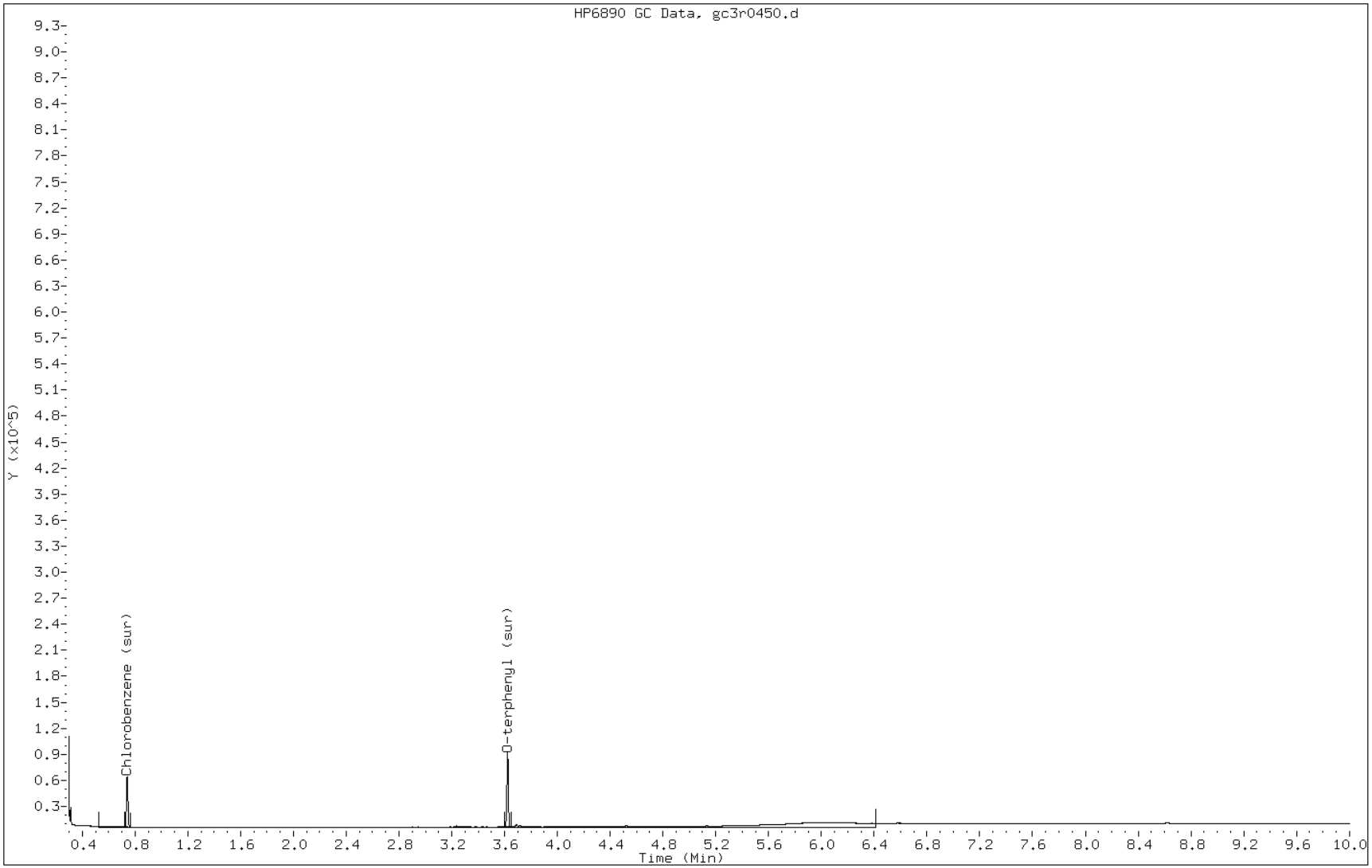
M - Compound response manually integrated.

Data File: gc3r0450.d

Date: 18-MAR-2013 09:34

Client ID: Instrument: BNAGC3.i

Sample Info: MB 460-151248/1-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0450.d
Inj. Date and Time: 18-MAR-2013 09:34
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

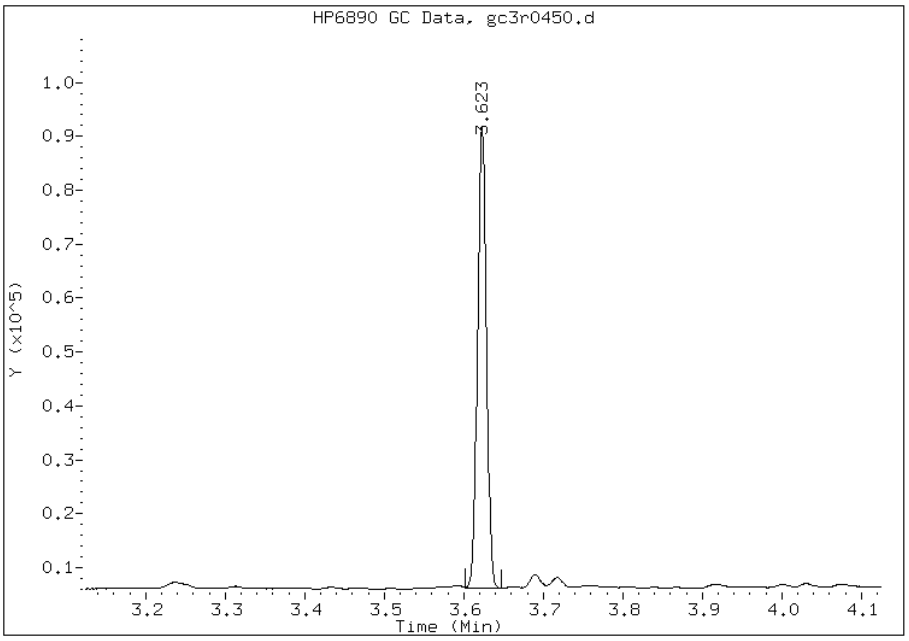
Manual Integration Results

RT: 3.62

Response: 1333202

Amount: 14.35

Conc: 0.96



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0450.d
Inj. Date and Time: 18-MAR-2013 09:34
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

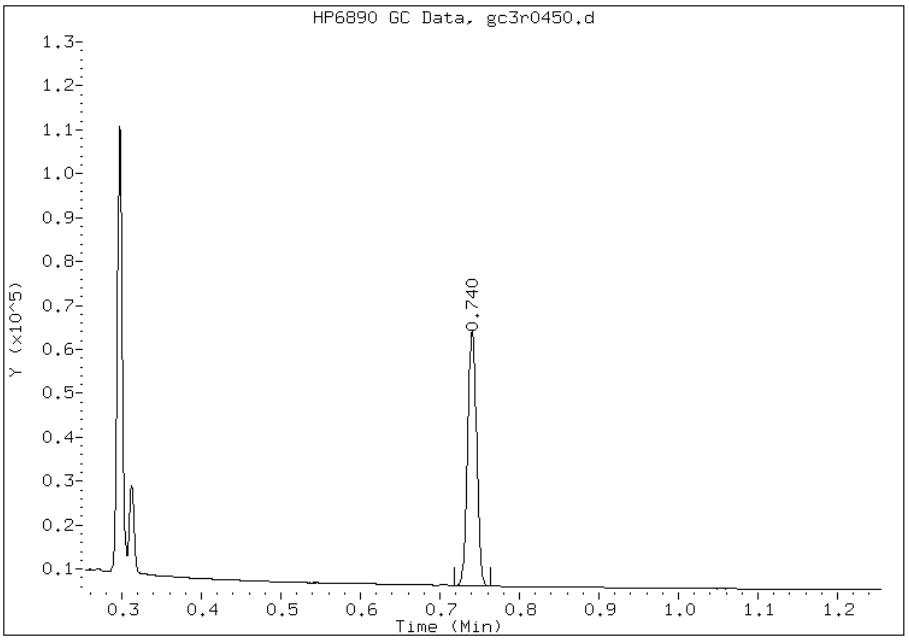
Manual Integration Results

RT: 0.74

Response: 915870

Amount: 13.22

Conc: 0.88



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151544/1-A

Matrix: Solid Lab File ID: gc3r0484.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 21:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	66		40-80

Data File: gc3r0484.d
Report Date: 20-Mar-2013 12:51

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0484.d
Lab Smp Id: MB 460-151544/1-A
Inj Date : 18-MAR-2013 21:40
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : MB 460-151544/1-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:51 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 56
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.628	3.627	0.001	1323322	14.2459	0.95(M)
$ 2 Chlorobenzene (sur)	0.756	0.752	0.004	910246	13.1430	0.88(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0484.d

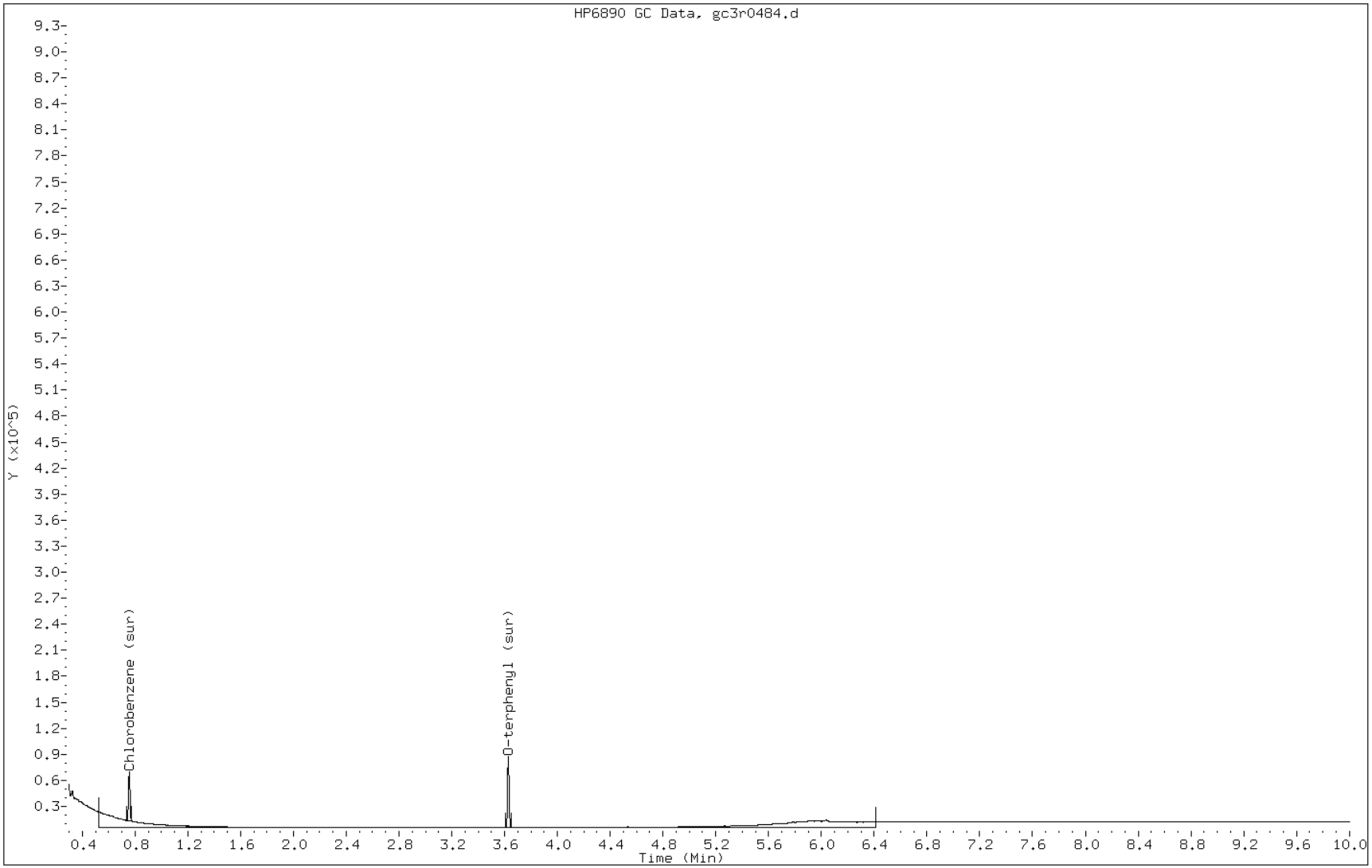
Date: 18-MAR-2013 21:40

Client ID:

Instrument: BNAGC3.i

Sample Info: MB 460-151544/1-A

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0484.d
Inj. Date and Time: 18-MAR-2013 21:40
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

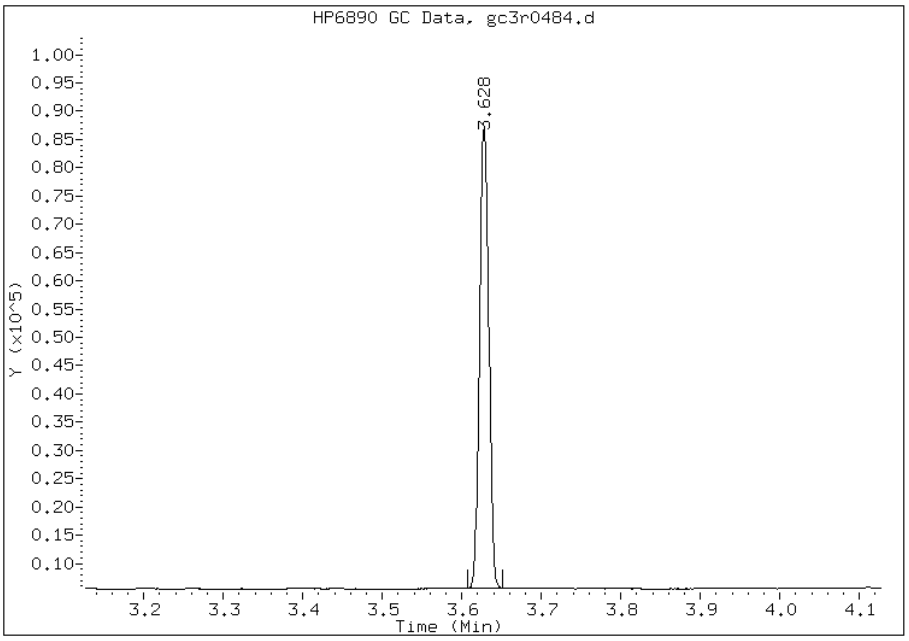
Manual Integration Results

RT: 3.63

Response: 1323322

Amount: 14.25

Conc: 0.95



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0484.d
Inj. Date and Time: 18-MAR-2013 21:40
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

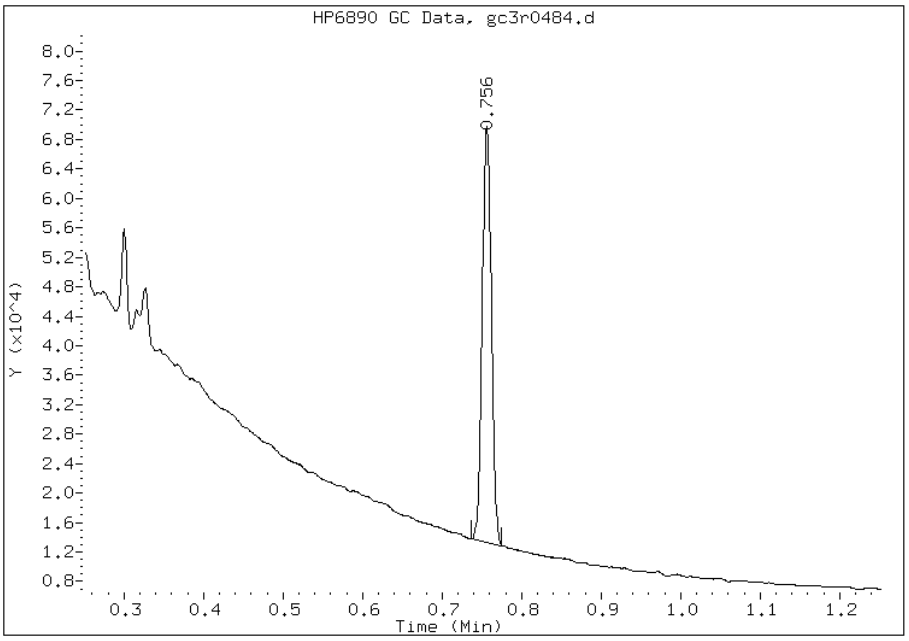
Manual Integration Results

RT: 0.76

Response: 910246

Amount: 13.14

Conc: 0.88



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151545/1-A

Matrix: Solid Lab File ID: gc3r0514.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 11:40

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 04:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	67		40-80

Data File: gc3r0514.d
Report Date: 20-Mar-2013 12:53

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0514.d
Lab Smp Id: MB 460-151545/1-A
Inj Date : 19-MAR-2013 04:45
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : MB 460-151545/1-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:53 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 80
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.629	3.624	0.005	1327923	14.2954	0.95(M)
$ 2 Chlorobenzene (sur)	0.753	0.753	0.000	933383	13.4771	0.90(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Data File: gc3r0514.d

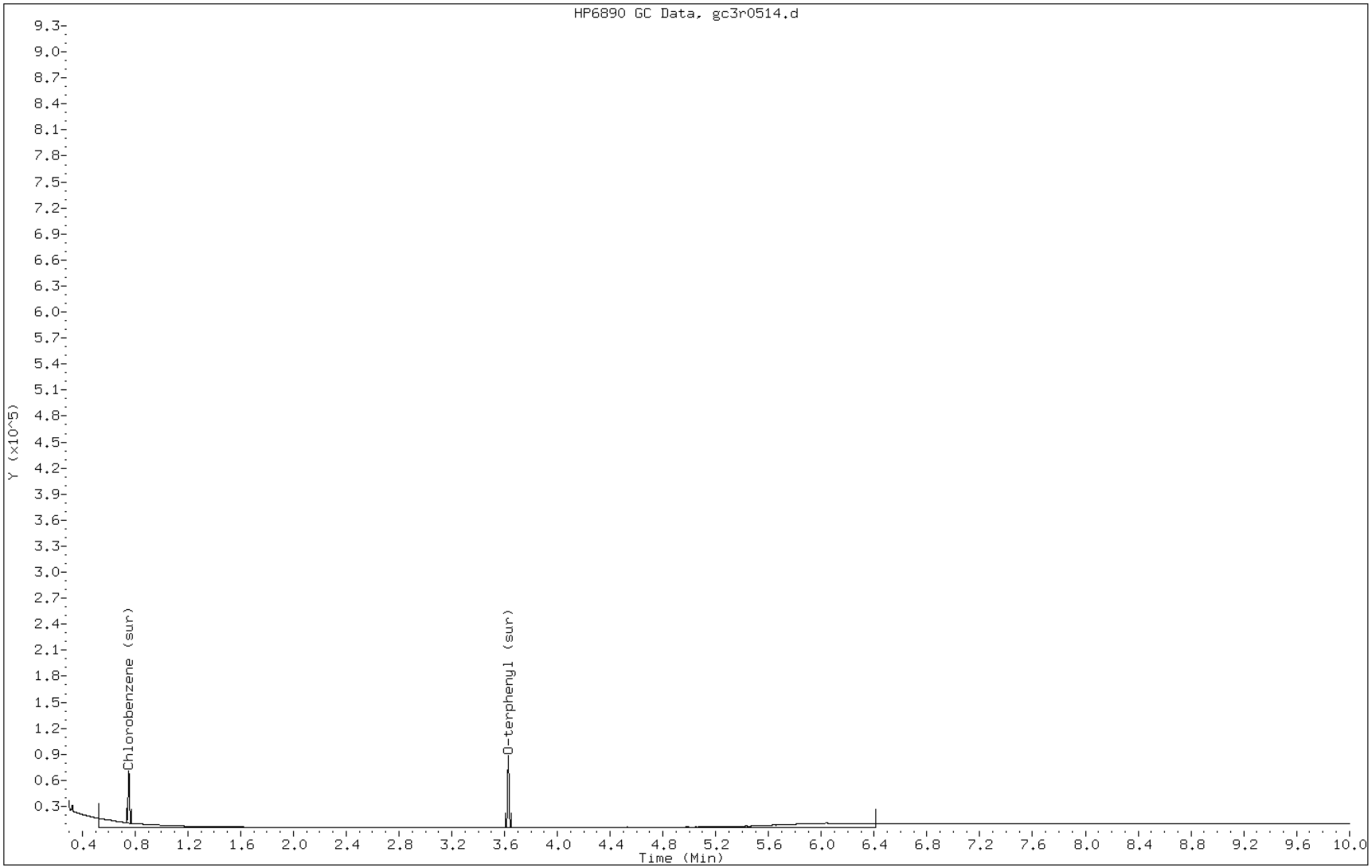
Date: 19-MAR-2013 04:45

Client ID:

Instrument: BNAGC3.i

Sample Info: MB 460-151545/1-A

Operator: BNAGC1



Manual Integration Report

Data File: gc3r0514.d
Inj. Date and Time: 19-MAR-2013 04:45
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

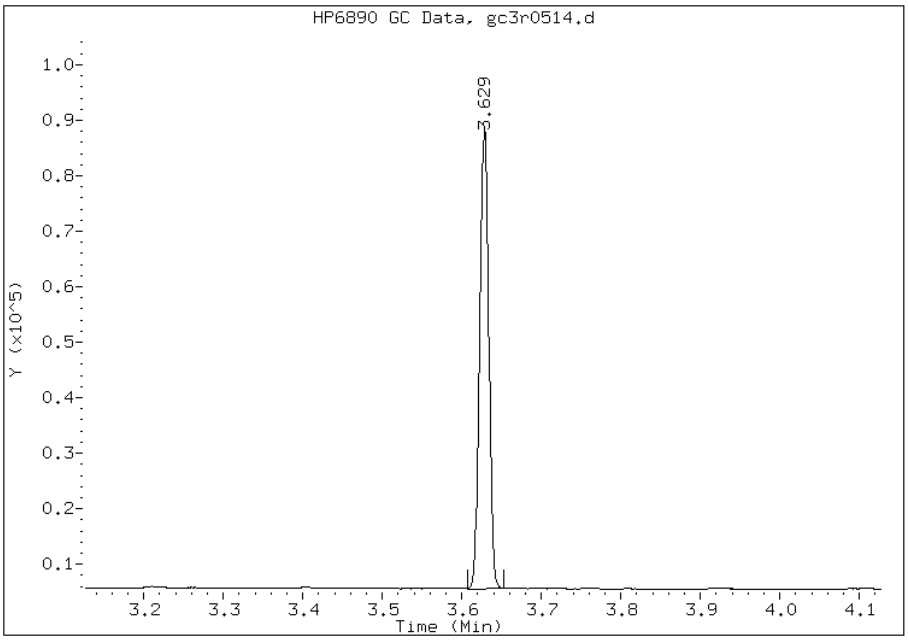
Manual Integration Results

RT: 3.63

Response: 1327923

Amount: 14.30

Conc: 0.95



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0514.d
Inj. Date and Time: 19-MAR-2013 04:45
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

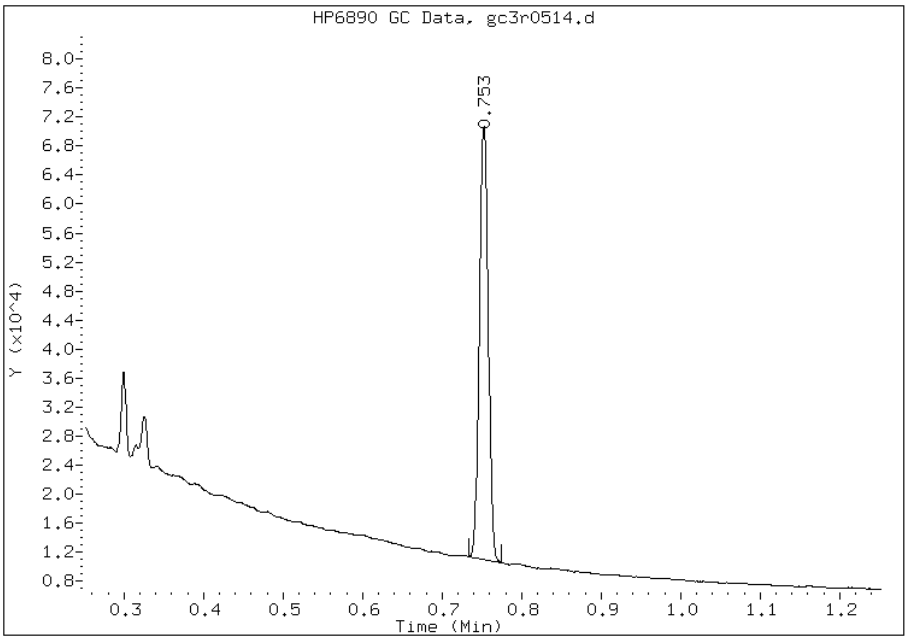
Manual Integration Results

RT: 0.75

Response: 933383

Amount: 13.48

Conc: 0.90



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151566/1-A

Matrix: Solid Lab File ID: gc3r0545.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 13:31

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 12:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		50-105
108-90-7	Chlorobenzene	65		40-80

Data File: gc3r0545.d
Report Date: 21-Mar-2013 10:11

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0545.d
Lab Smp Id: MB 460-151566/1-A
Inj Date : 19-MAR-2013 12:04
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : MB 460-151566/1-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.627	-0.001	1269423	13.6657	0.91(M)
$ 2 Chlorobenzene (sur)	0.757	0.752	0.005	899360	12.9858	0.86(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

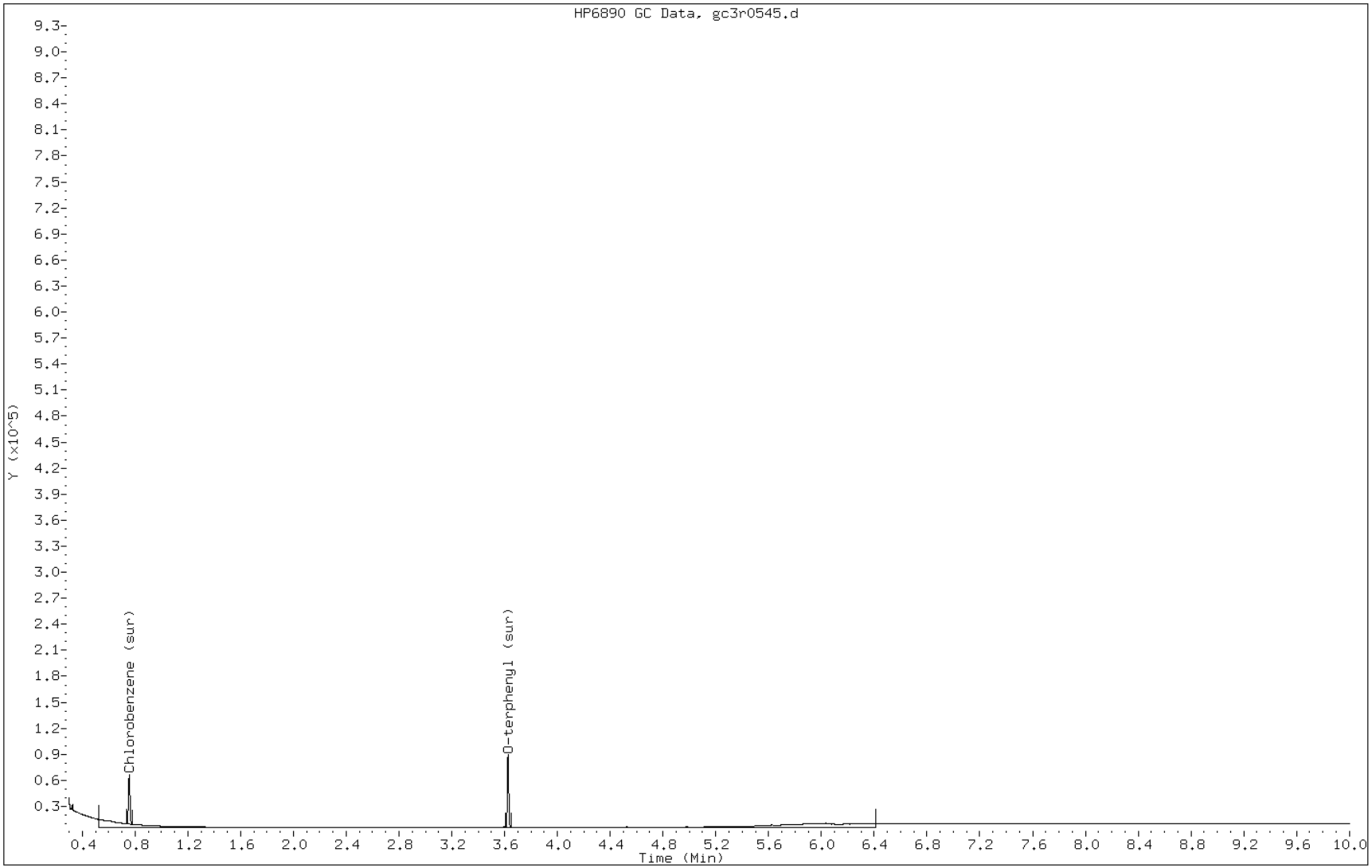
M - Compound response manually integrated.

Data File: gc3r0545.d

Date: 19-MAR-2013 12:04

Client ID: Instrument: BNAGC3.i

Sample Info: MB 460-151566/1-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0545.d
Inj. Date and Time: 19-MAR-2013 12:04
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

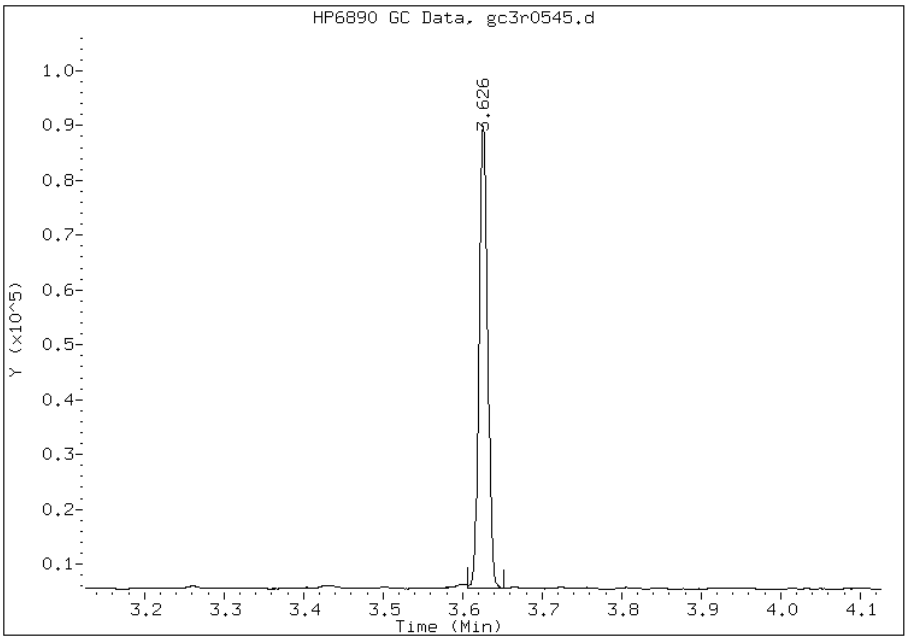
Manual Integration Results

RT: 3.63

Response: 1269423

Amount: 13.67

Conc: 0.91



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0545.d
Inj. Date and Time: 19-MAR-2013 12:04
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

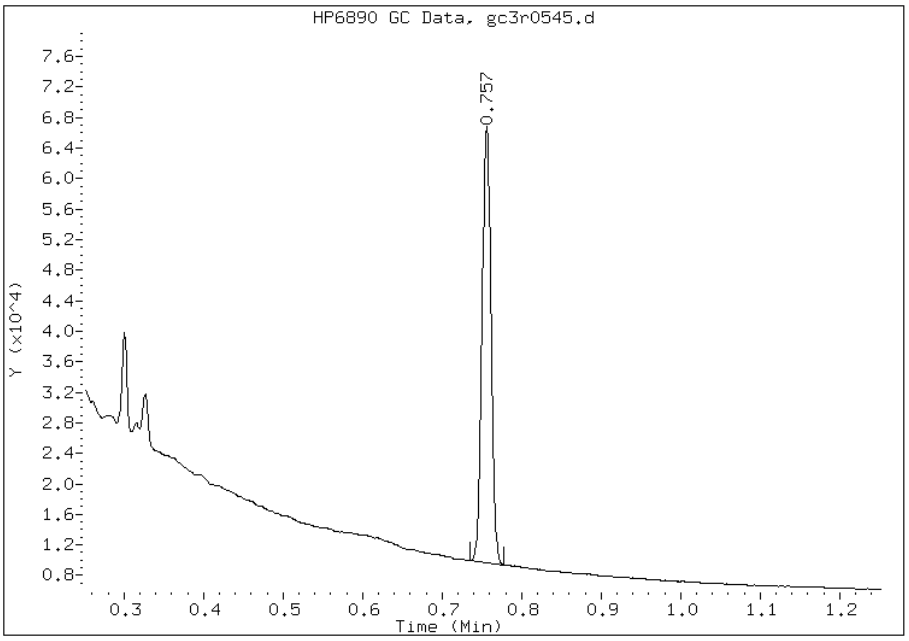
Manual Integration Results

RT: 0.76

Response: 899360

Amount: 12.99

Conc: 0.87



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-151705/1-A

Matrix: Water Lab File ID: gc3r0607.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 03/19/2013 09:56

Sample wt/vol: 1000(mL) Date Analyzed: 03/20/2013 02:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		51-123
108-90-7	Chlorobenzene	59		42-93

Data File: gc3r0607.d
Report Date: 21-Mar-2013 10:15

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0607.d
Lab Smp Id: MB 460-151705/1-A
Inj Date : 20-MAR-2013 02:41
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : MB 460-151705/1-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:15 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/(Vo*1000) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (ml)
Vo	1000.00000	Initial Volume

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/L)
$ 1 O-terphenyl (sur)	3.627	3.626	0.001	1340006	14.4255	0.014(M)
$ 2 Chlorobenzene (sur)	0.752	0.753	-0.001	823107	11.8848	0.012(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

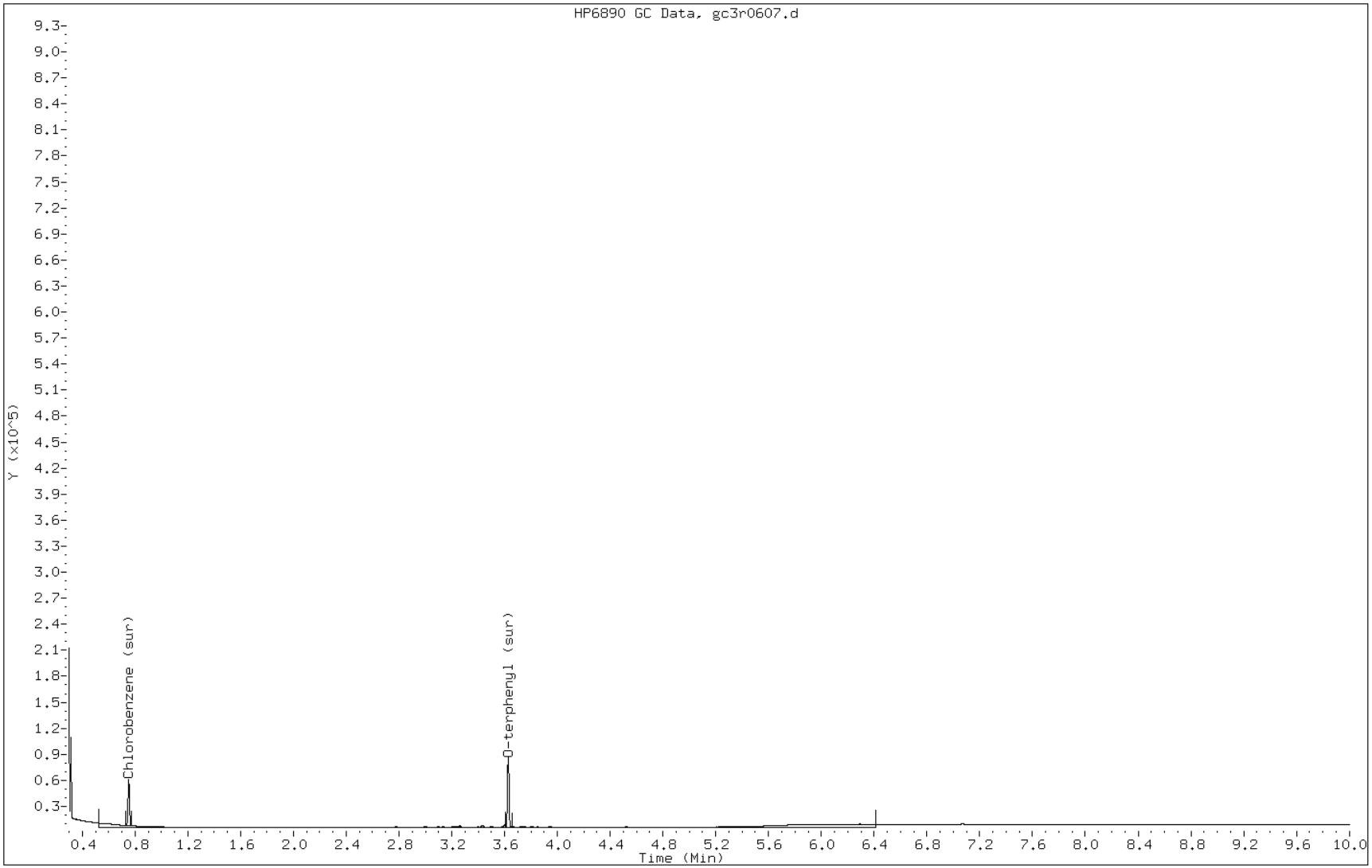
M - Compound response manually integrated.

Data File: gc3r0607.d

Date: 20-MAR-2013 02:41

Client ID: Instrument: BNAGC3.i

Sample Info: MB 460-151705/1-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0607.d
Inj. Date and Time: 20-MAR-2013 02:41
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

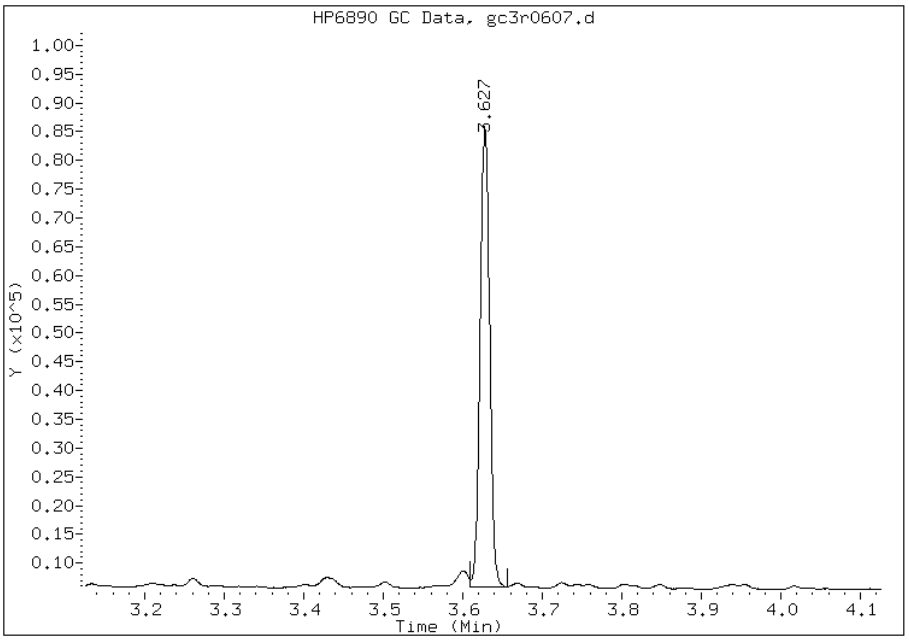
Manual Integration Results

RT: 3.63

Response: 1340006

Amount: 14.43

Conc: 0.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0607.d
Inj. Date and Time: 20-MAR-2013 02:41
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

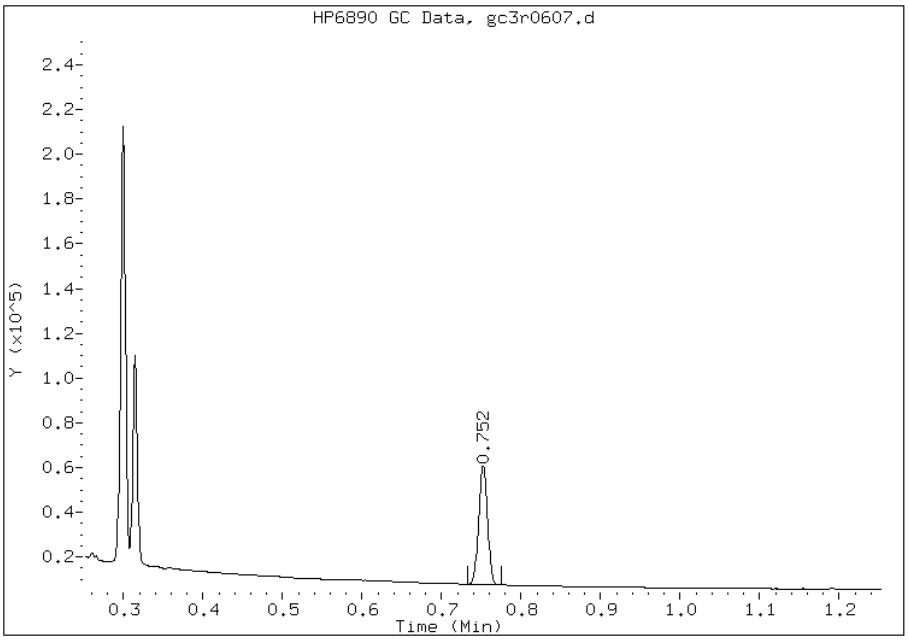
Manual Integration Results

RT: 0.75

Response: 823107

Amount: 11.88

Conc: 0.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-152134/1-A

Matrix: Solid Lab File ID: gc3r0769.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/21/2013 14:33

Sample wt/vol: 15.00(g) Date Analyzed: 03/22/2013 08:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152358 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	68		40-80

Data File: gc3r0769.d
Report Date: 22-Mar-2013 16:05

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-22-13/22Mar13a.b/gc3r0769.d
Lab Smp Id: MB 460-152134/1-A
Inj Date : 22-MAR-2013 08:09
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : MB 460-152134/1-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-22-13/22Mar13a.b/gc3rQAM2012.m
Meth Date : 22-Mar-2013 16:05 nimerd Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 56 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.625	3.624	0.001	1310403	14.1068	0.94(M)
$ 2 Chlorobenzene (sur)	0.749	0.750	-0.001	942695	13.6116	0.91(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

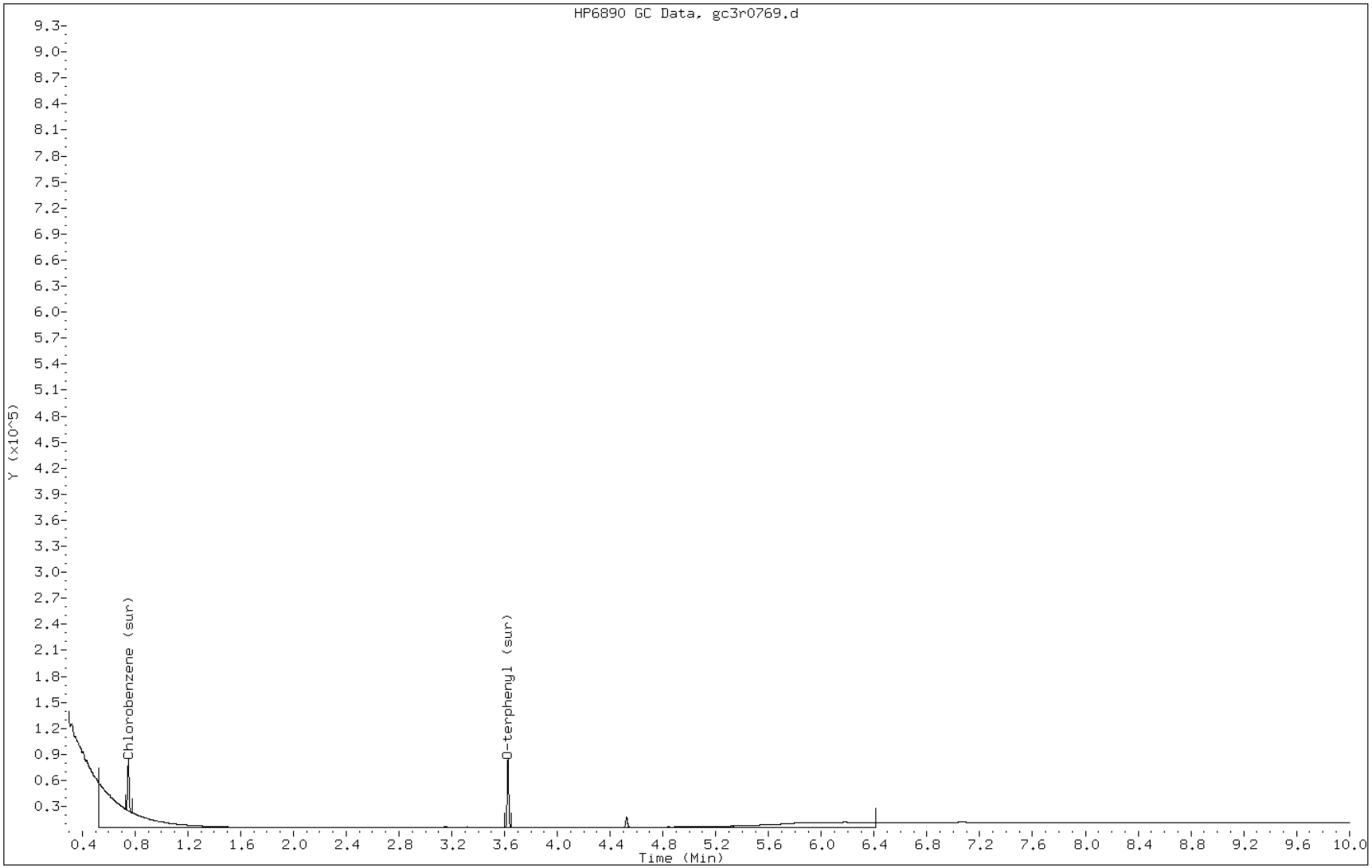
M - Compound response manually integrated.

Data File: gc3r0769.d

Date: 22-MAR-2013 08:09

Client ID: Instrument: BNAGC3.i

Sample Info: MB 460-152134/1-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0769.d
Inj. Date and Time: 22-MAR-2013 08:09
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/22/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

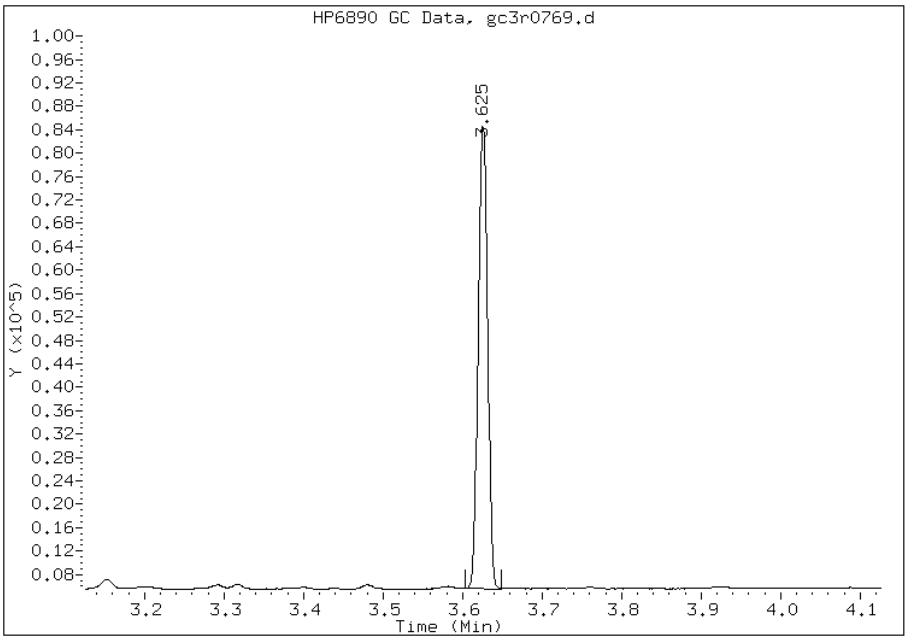
Manual Integration Results

RT: 3.63

Response: 1310403

Amount: 14.11

Conc: 0.94



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0769.d
Inj. Date and Time: 22-MAR-2013 08:09
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/22/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

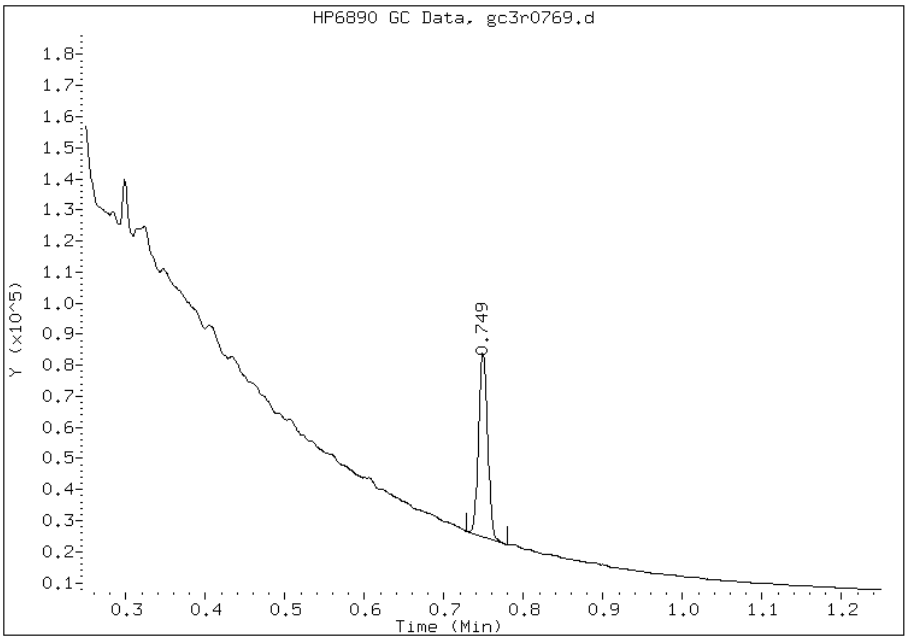
Manual Integration Results

RT: 0.75

Response: 942695

Amount: 13.61

Conc: 0.91



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151461/2-A

Matrix: Solid Lab File ID: gc3r0451.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 09:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	91.2		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	82		50-105
108-90-7	Chlorobenzene	59		40-80

Data File: gc3r0451.d
Report Date: 21-Mar-2013 08:23

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3r0451.d
Lab Smp Id: LCS 460-151461/2-A
Inj Date : 18-MAR-2013 09:59
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : LCS 460-151461/2-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-18-13/18Mar13a.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 08:23 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 57 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.630	3.631	-0.001	1531258	16.4844	1.1(M)
$ 2 Chlorobenzene (sur)	0.741	0.751	-0.010	818898	11.8241	0.79(M)
3 TPH	3.937	0.578	3.359	98420698	1367.84	91.2(M)

QC Flag Legend

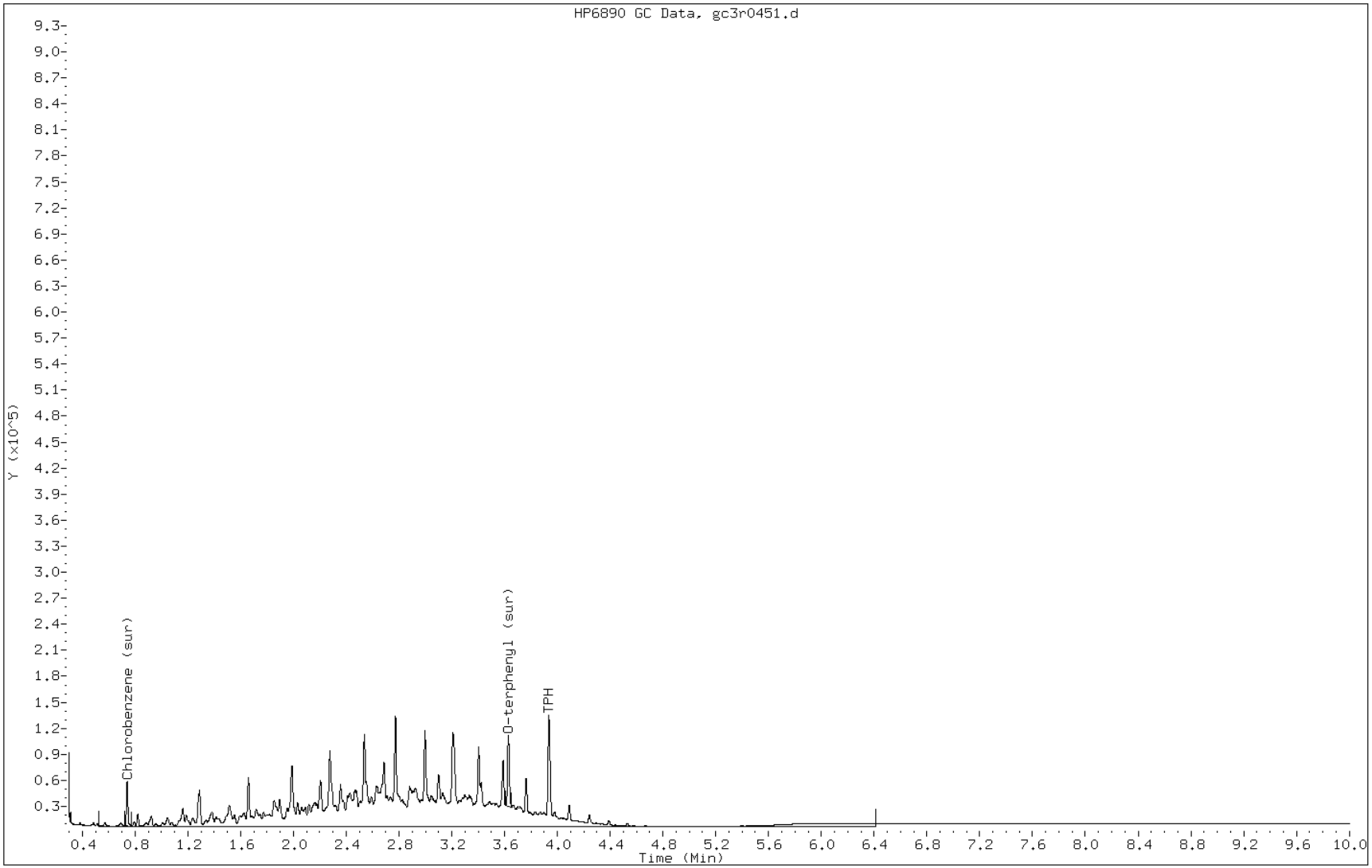
M - Compound response manually integrated.

Data File: gc3r0451.d

Date: 18-MAR-2013 09:59

Client ID: Instrument: BNAGC3.i

Sample Info: LCS 460-151461/2-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0451.d
Inj. Date and Time: 18-MAR-2013 09:59
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.62

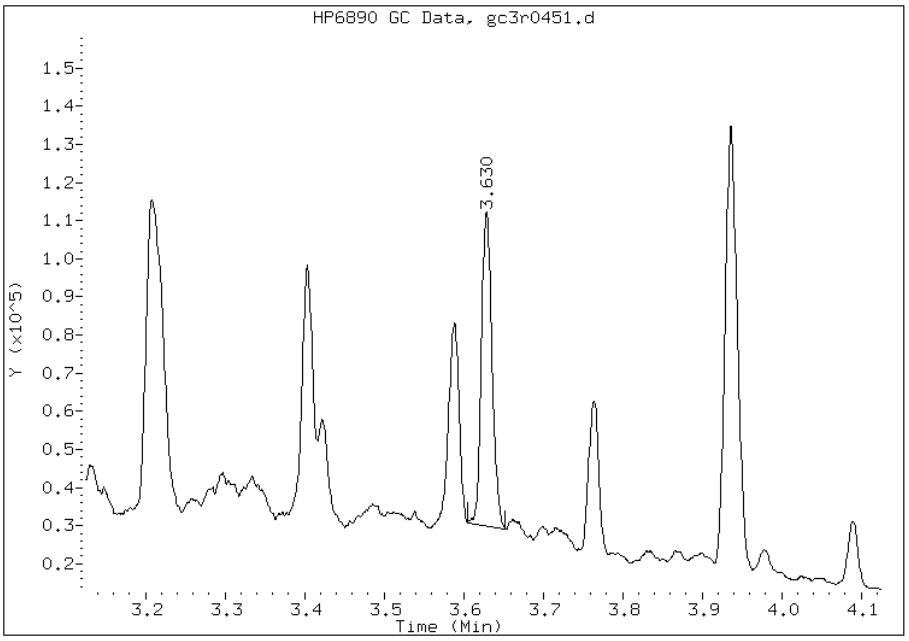
Manual Integration Results

RT: 3.63

Response: 1531258

Amount: 16.48

Conc: 1.10



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0451.d
Inj. Date and Time: 18-MAR-2013 09:59
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

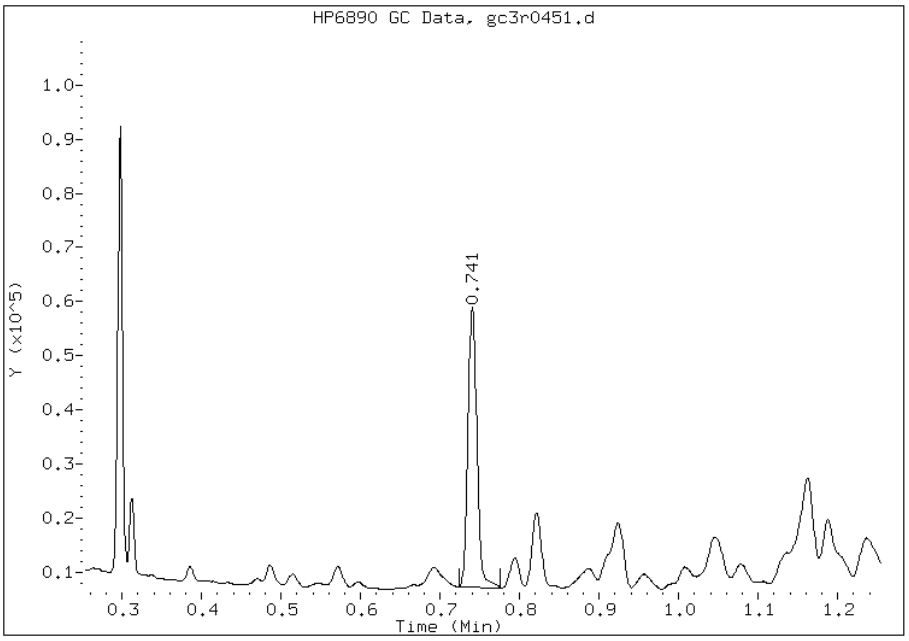
Manual Integration Results

RT: 0.74

Response: 818898

Amount: 11.82

Conc: 0.79



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151544/2-A

Matrix: Solid Lab File ID: gc3r0485.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 21:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	99.1		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	82		50-105
108-90-7	Chlorobenzene	67		40-80

Data File: gc3r0485.d
Report Date: 20-Mar-2013 12:51

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0485.d
Lab Smp Id: LCS 460-151544/2-A
Inj Date : 18-MAR-2013 21:54
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : LCS 460-151544/2-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:51 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 57 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.630	3.627	0.003	1522325	16.3882	1.1(M)
$ 2 Chlorobenzene (sur)	0.754	0.752	0.002	921582	13.3067	0.89(M)
3 TPH	2.784	0.578	2.206	106922644	1486.00	99.1(M)

QC Flag Legend

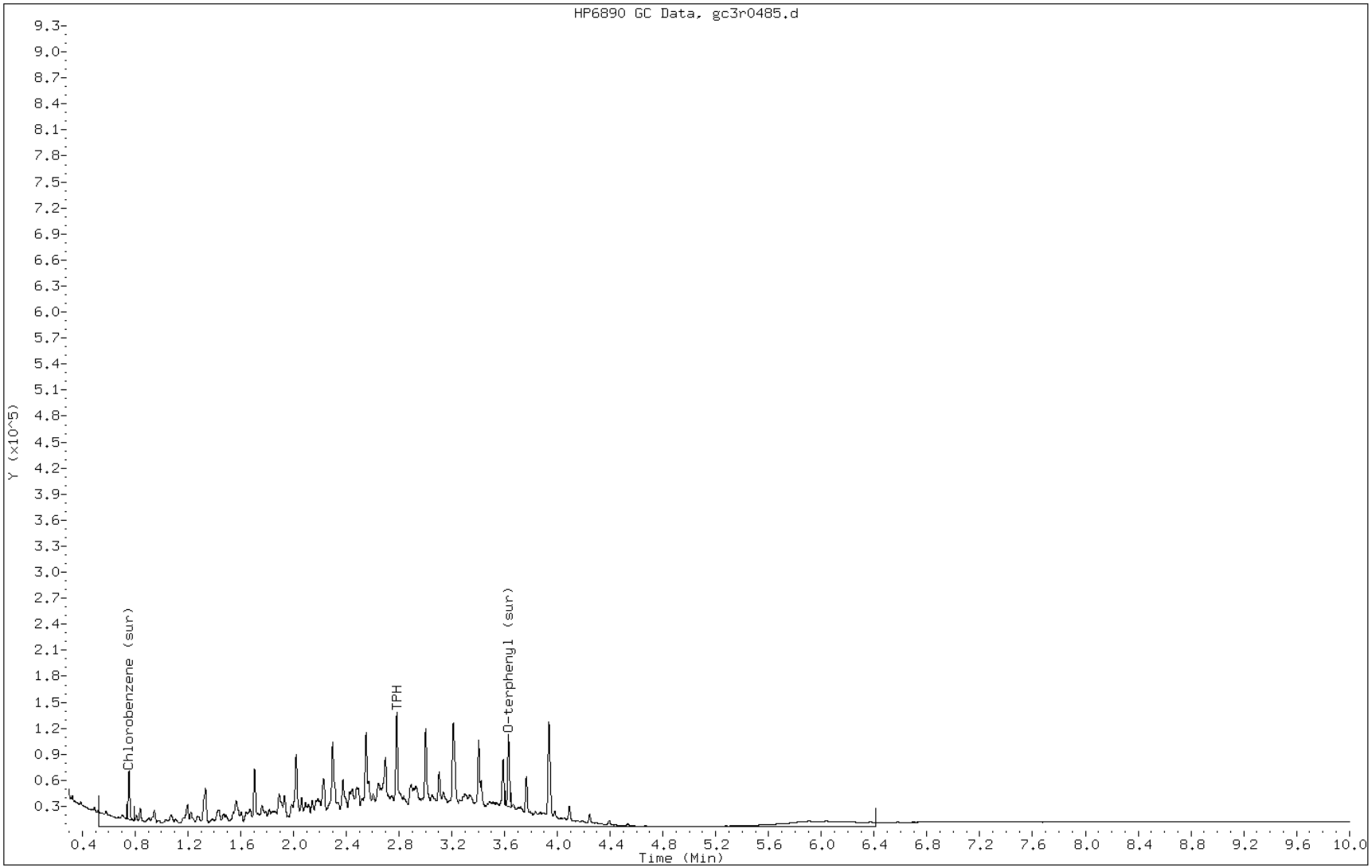
M - Compound response manually integrated.

Data File: gc3r0485.d

Date: 18-MAR-2013 21:54

Client ID: Instrument: BNAGC3.i

Sample Info: LCS 460-151544/2-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0485.d
Inj. Date and Time: 18-MAR-2013 21:54
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

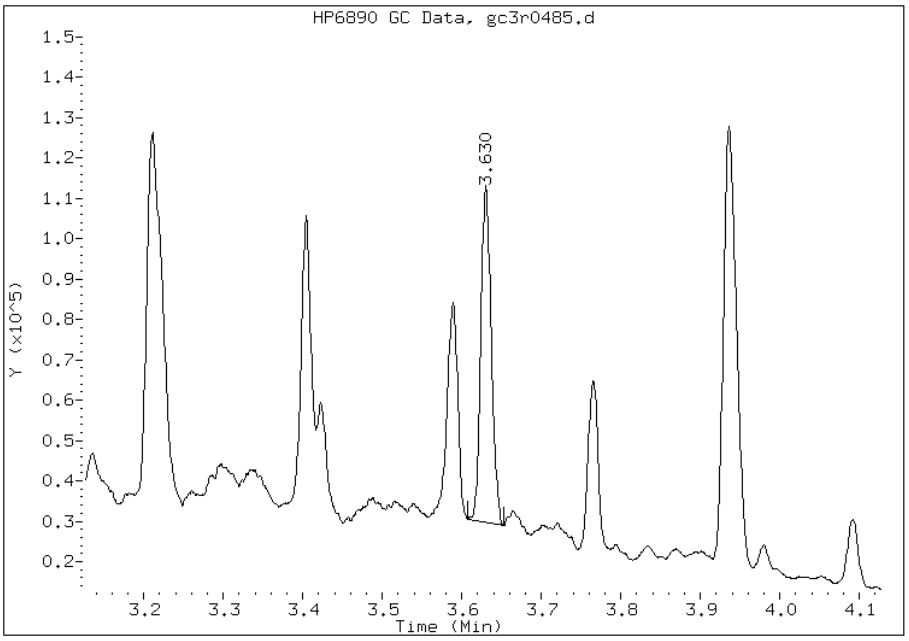
Manual Integration Results

RT: 3.63

Response: 1522325

Amount: 16.39

Conc: 1.09



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0485.d
Inj. Date and Time: 18-MAR-2013 21:54
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

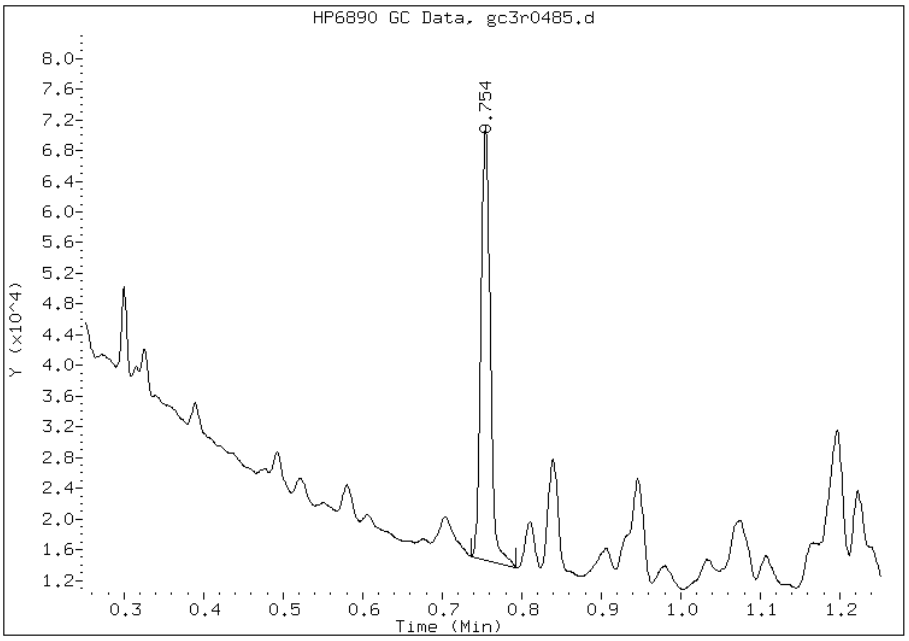
Manual Integration Results

RT: 0.75

Response: 921582

Amount: 13.31

Conc: 0.89



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151545/2-A

Matrix: Solid Lab File ID: gc3r0515.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 11:40

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 04:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	99.8		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		50-105
108-90-7	Chlorobenzene	65		40-80

Data File: gc3r0515.d
Report Date: 20-Mar-2013 12:54

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3r0515.d
Lab Smp Id: LCS 460-151545/2-A
Inj Date : 19-MAR-2013 04:59
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : LCS 460-151545/2-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13a.b/gc3rQAM2012.m
Meth Date : 20-Mar-2013 12:53 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 81 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.628	3.624	0.004	1585599	17.0694	1.1(M)
$ 2 Chlorobenzene (sur)	0.756	0.753	0.003	901592	13.0181	0.87(M)
3 TPH	2.783	0.580	2.203	107729189	1497.21	99.8(M)

QC Flag Legend

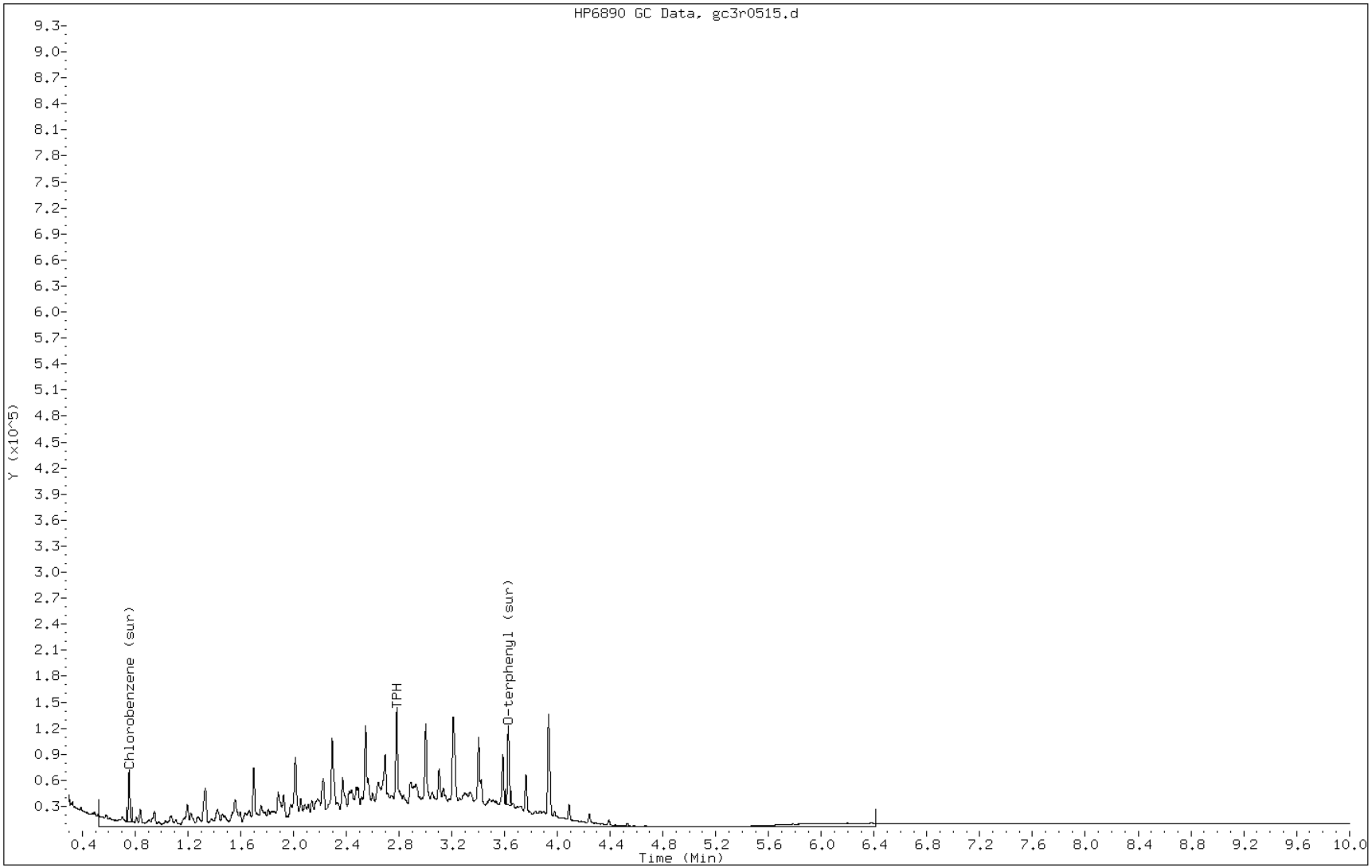
M - Compound response manually integrated.

Data File: gc3r0515.d

Date: 19-MAR-2013 04:59

Client ID: Instrument: BNAGC3.i

Sample Info: LCS 460-151545/2-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0515.d
Inj. Date and Time: 19-MAR-2013 04:59
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

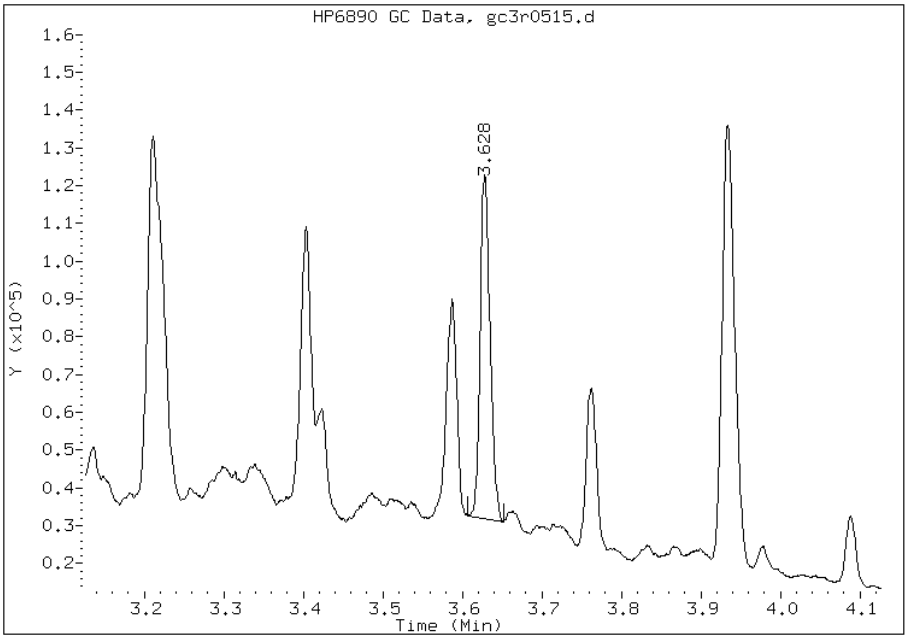
Manual Integration Results

RT: 3.63

Response: 1585599

Amount: 17.07

Conc: 1.14



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0515.d
Inj. Date and Time: 19-MAR-2013 04:59
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/20/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

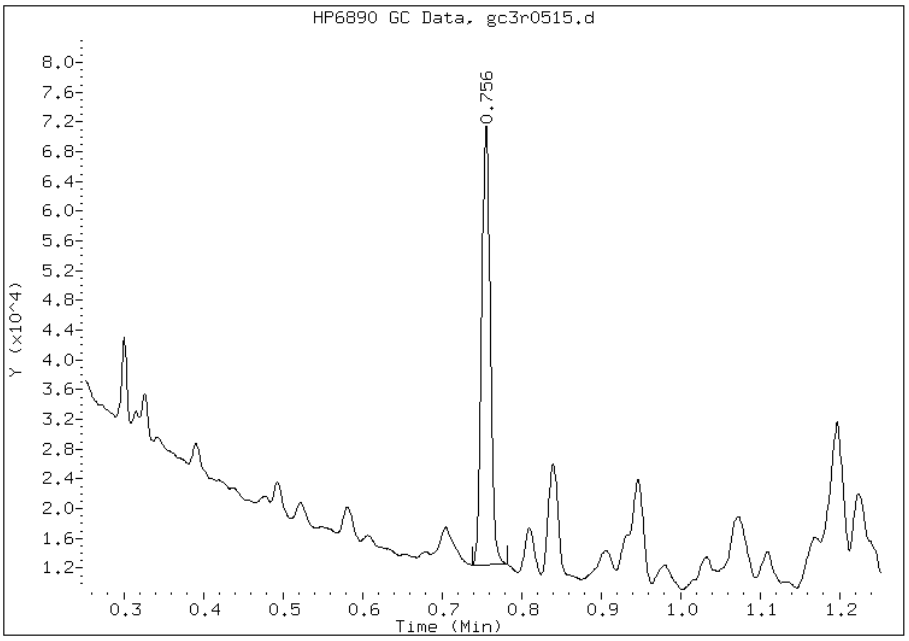
Manual Integration Results

RT: 0.76

Response: 901592

Amount: 13.02

Conc: 0.87



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151566/2-A

Matrix: Solid Lab File ID: gc3r0546.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/18/2013 13:31

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 12:18

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	91.1		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		50-105
108-90-7	Chlorobenzene	64		40-80

Data File: gc3r0546.d
Report Date: 21-Mar-2013 10:11

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0546.d
Lab Smp Id: LCS 460-151566/2-A
Inj Date : 19-MAR-2013 12:18
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : LCS 460-151566/2-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:11 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 30 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.627	3.627	0.000	1487439	16.0127	1.1(M)
$ 2 Chlorobenzene (sur)	0.753	0.752	0.001	884608	12.7728	0.85(M)
3 TPH	2.781	0.579	2.202	98343697	1366.77	91.1(M)

QC Flag Legend

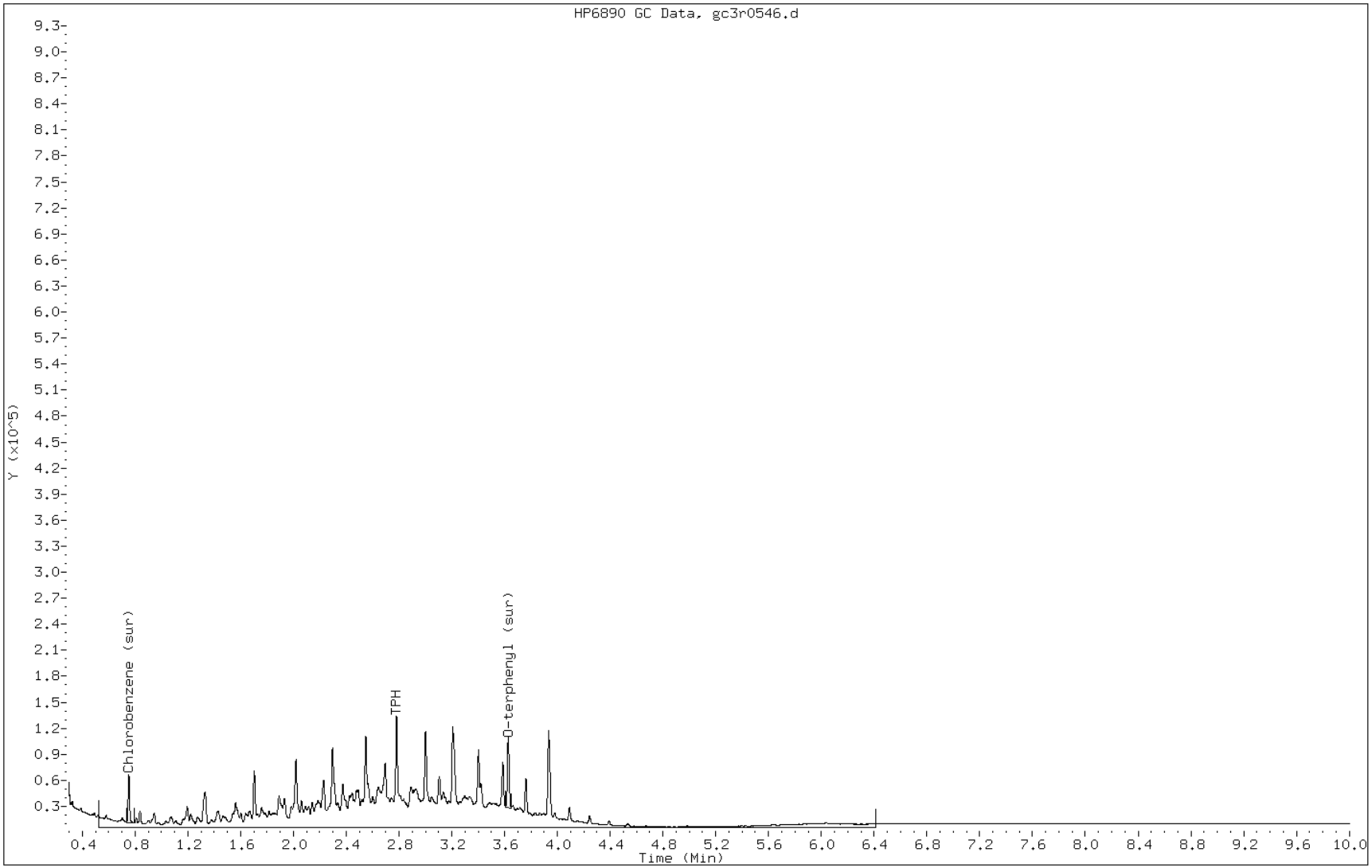
M - Compound response manually integrated.

Data File: gc3r0546.d

Date: 19-MAR-2013 12:18

Client ID: Instrument: BNAGC3.i

Sample Info: LCS 460-151566/2-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0546.d
Inj. Date and Time: 19-MAR-2013 12:18
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

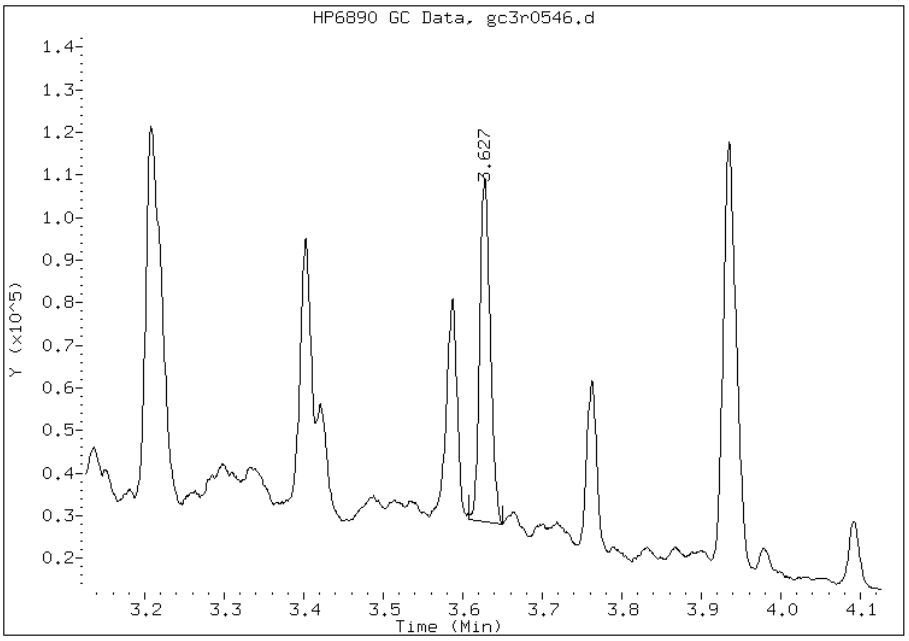
Manual Integration Results

RT: 3.63

Response: 1487439

Amount: 16.01

Conc: 1.07



Manually Integrated By: kimh
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: gc3r0546.d
Inj. Date and Time: 19-MAR-2013 12:18
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

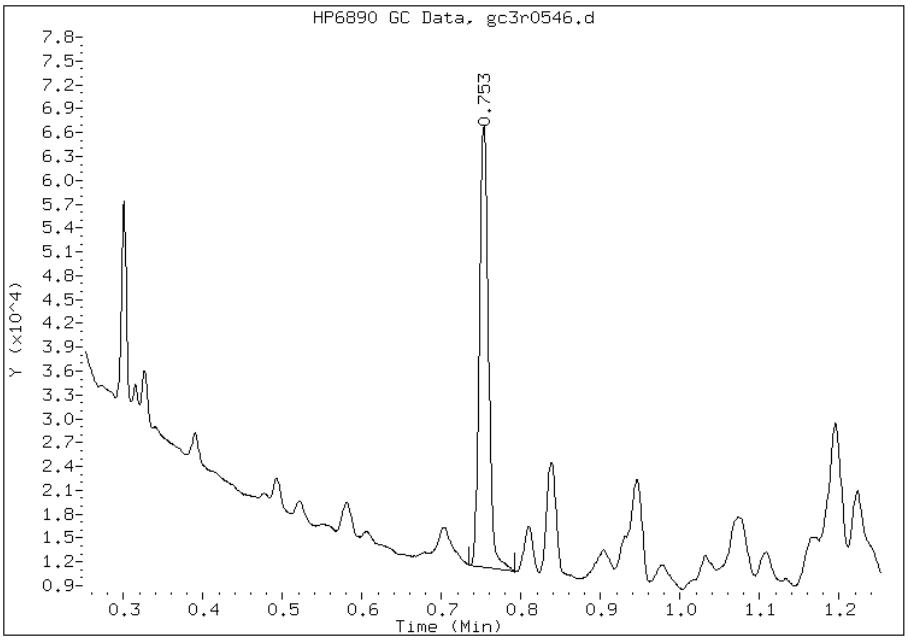
Manual Integration Results

RT: 0.75

Response: 884608

Amount: 12.77

Conc: 0.85



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-151705/2-A

Matrix: Water Lab File ID: gc3r0608.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 03/19/2013 09:56

Sample wt/vol: 1000(mL) Date Analyzed: 03/20/2013 02:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1.49		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		51-123
108-90-7	Chlorobenzene	60		42-93

Data File: gc3r0608.d
Report Date: 21-Mar-2013 10:15

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0608.d
Lab Smp Id: LCS 460-151705/2-A
Inj Date : 20-MAR-2013 02:55
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : LCS 460-151705/2-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:15 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 27 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/(Vo*1000) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (ml)
Vo	1000.00000	Initial Volume

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/L)
Compounds	RT	EXP RT	DLT RT	RESPONSE		
$ 1 O-terphenyl (sur)	3.629	3.626	0.003	1573095	16.9348	0.017(M)
$ 2 Chlorobenzene (sur)	0.753	0.753	0.000	830075	11.9854	0.012(M)
3 TPH	2.782	0.579	2.203	107236766	1490.36	1.5(M)

QC Flag Legend

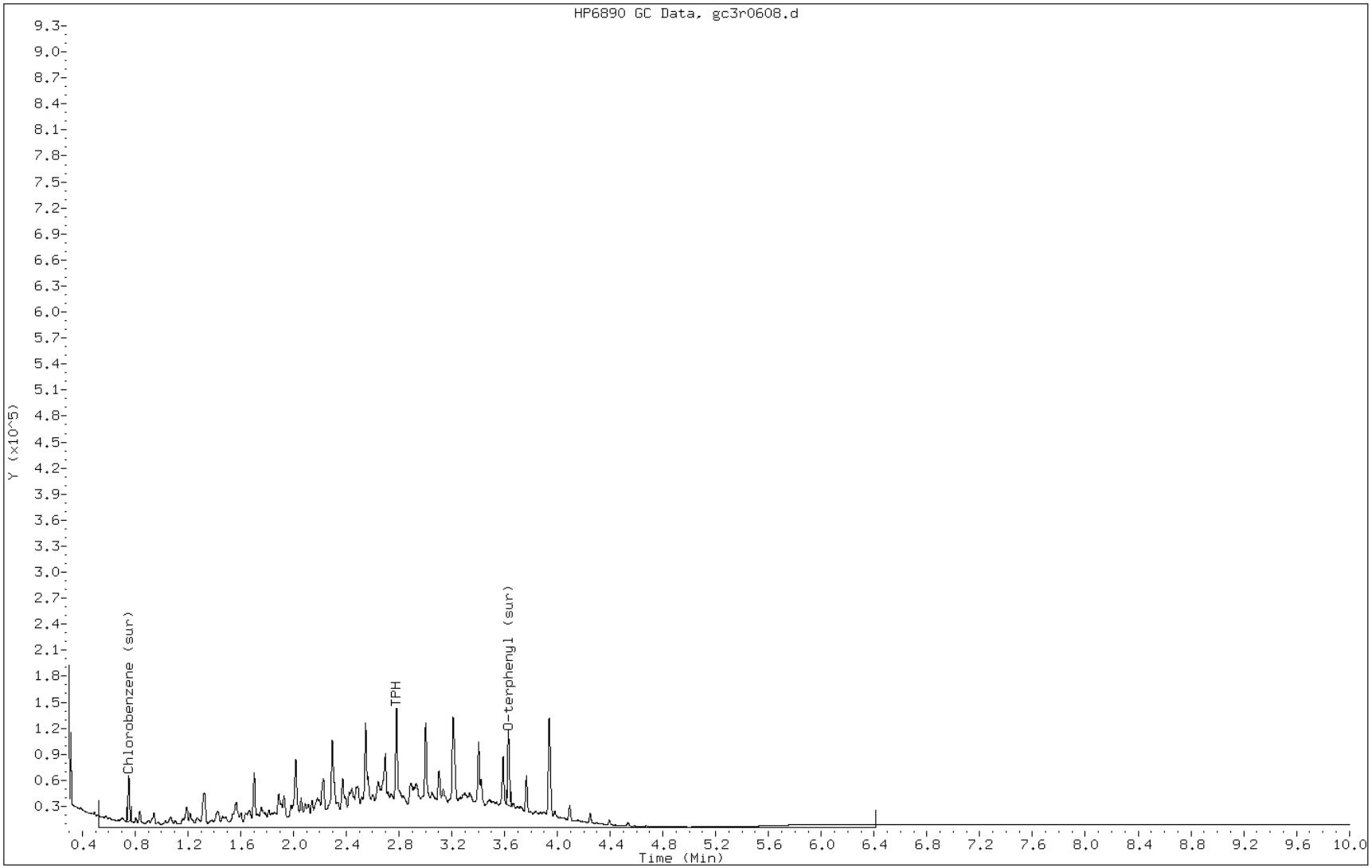
M - Compound response manually integrated.

Data File: gc3r0608.d

Date: 20-MAR-2013 02:55

Client ID: Instrument: BNAGC3.i

Sample Info: LCS 460-151705/2-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0608.d
Inj. Date and Time: 20-MAR-2013 02:55
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

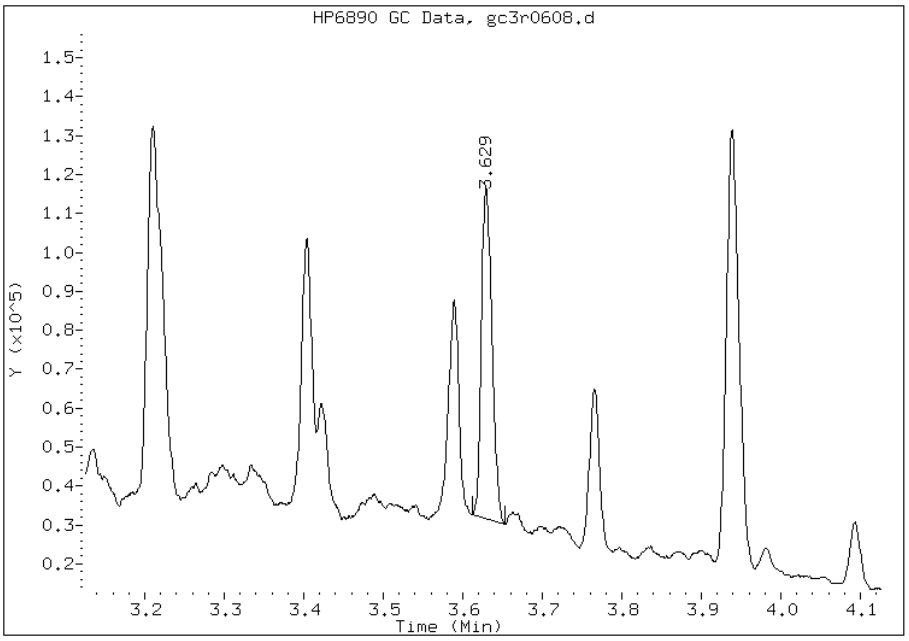
Manual Integration Results

RT: 3.63

Response: 1573095

Amount: 16.93

Conc: 0.02



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0608.d
Inj. Date and Time: 20-MAR-2013 02:55
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

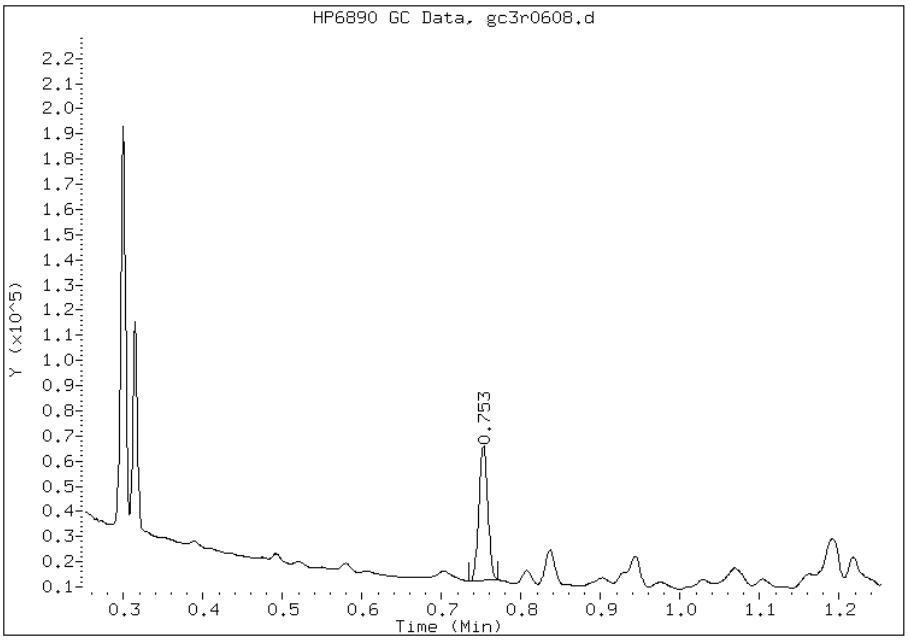
Manual Integration Results

RT: 0.75

Response: 830075

Amount: 11.99

Conc: 0.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-152134/2-A

Matrix: Solid Lab File ID: gc3r0770.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/21/2013 14:33

Sample wt/vol: 15.00(g) Date Analyzed: 03/22/2013 08:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152358 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	117		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		50-105
108-90-7	Chlorobenzene	59		40-80

Data File: gc3r0770.d
Report Date: 22-Mar-2013 16:05

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-22-13/22Mar13a.b/gc3r0770.d
Lab Smp Id: LCS 460-152134/2-A
Inj Date : 22-MAR-2013 08:23
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : LCS 460-152134/2-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-22-13/22Mar13a.b/gc3rQAM2012.m
Meth Date : 22-Mar-2013 16:05 nimerd Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 57 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*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 (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.626	3.624	0.002	1456064	15.6749	1.0(M)
$ 2 Chlorobenzene (sur)	0.750	0.750	0.000	820823	11.8518	0.79(M)
3 TPH	2.782	0.577	2.205	126722650	1761.18	117(M)

QC Flag Legend

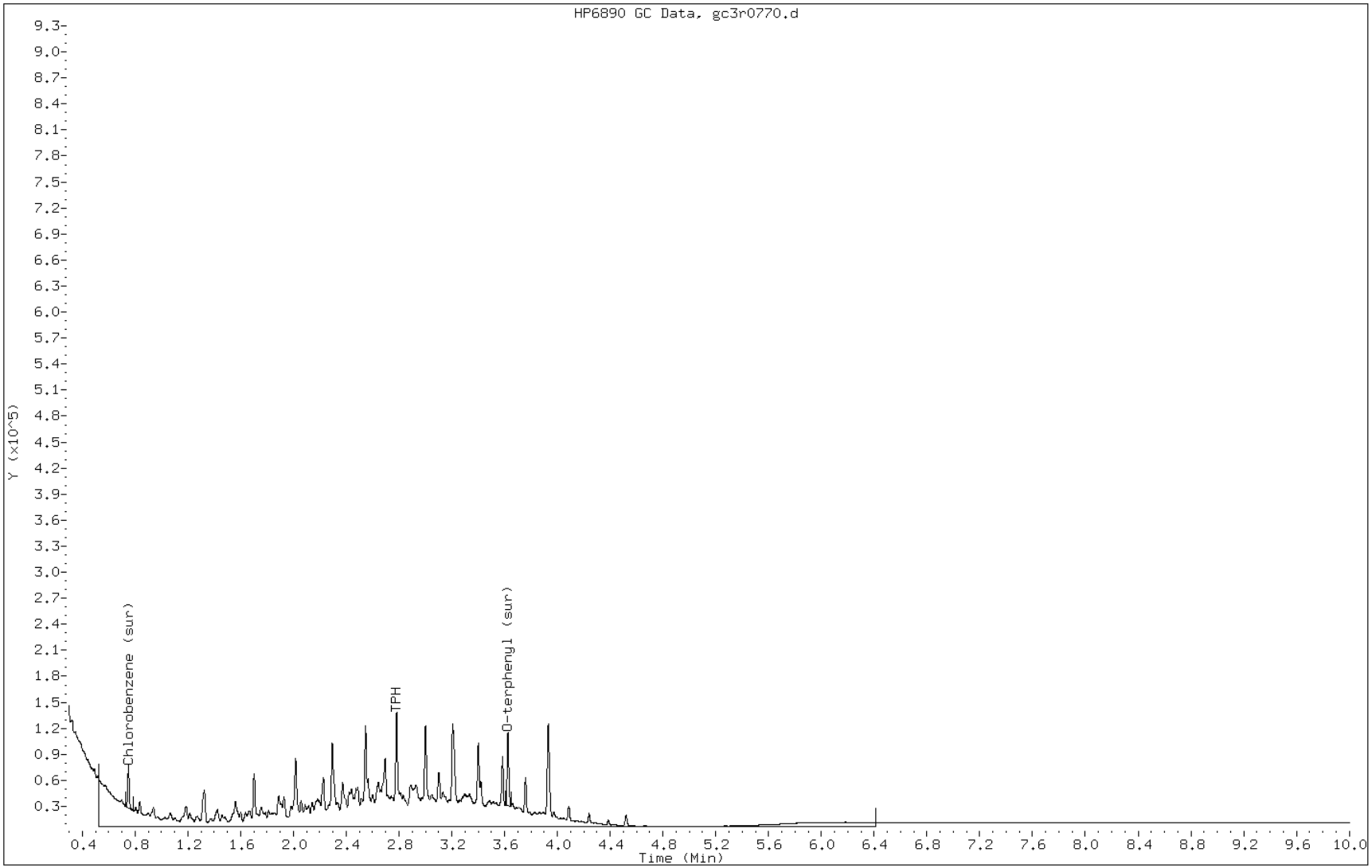
M - Compound response manually integrated.

Data File: gc3r0770.d

Date: 22-MAR-2013 08:23

Client ID: Instrument: BNAGC3.i

Sample Info: LCS 460-152134/2-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0770.d
Inj. Date and Time: 22-MAR-2013 08:23
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/22/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

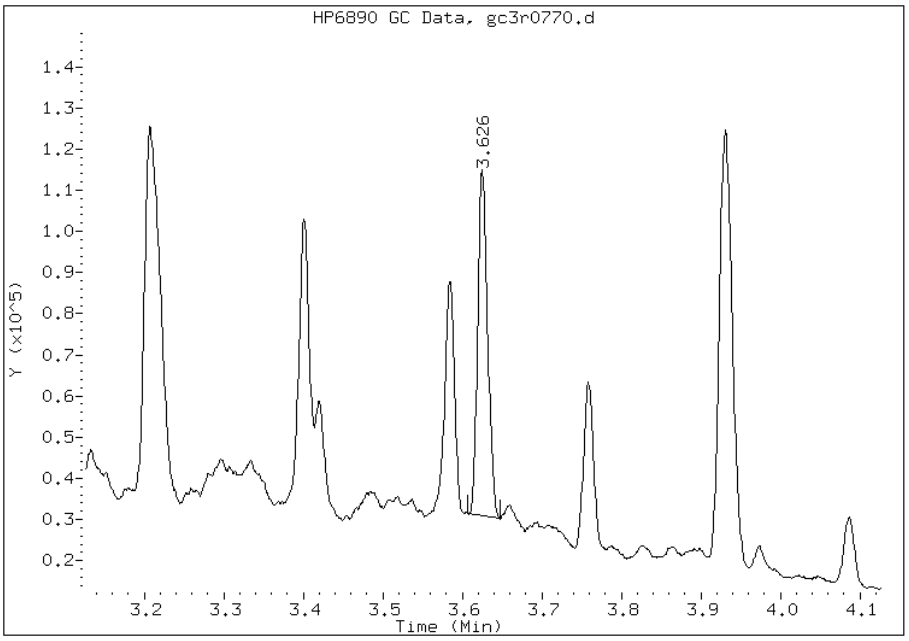
Manual Integration Results

RT: 3.63

Response: 1456064

Amount: 15.67

Conc: 1.04



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0770.d
Inj. Date and Time: 22-MAR-2013 08:23
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/22/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

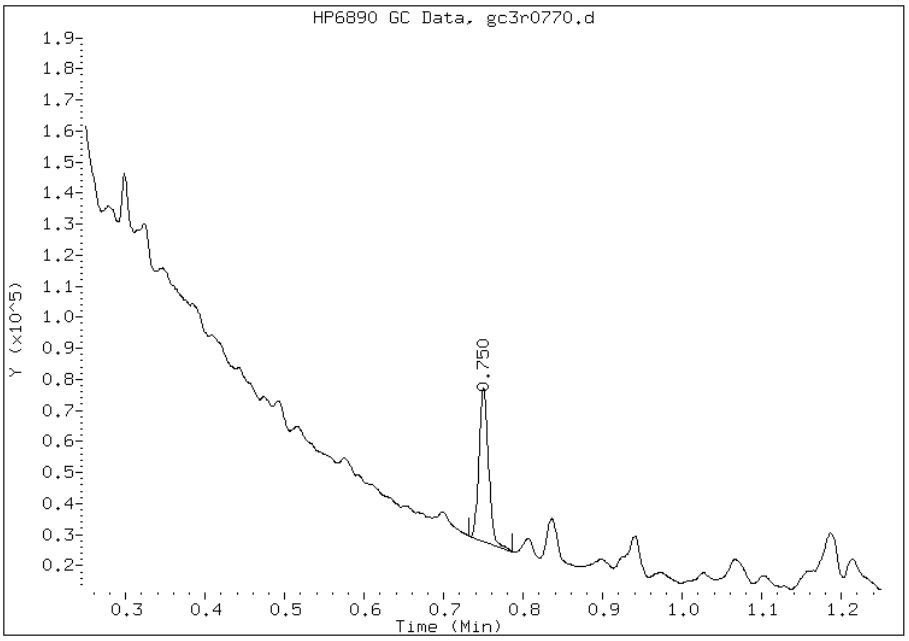
Manual Integration Results

RT: 0.75

Response: 820823

Amount: 11.85

Conc: 0.79



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-151705/3-A

Matrix: Water Lab File ID: gc3r0609.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 03/19/2013 09:56

Sample wt/vol: 1000(mL) Date Analyzed: 03/20/2013 03:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1.62		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		51-123
108-90-7	Chlorobenzene	66		42-93

Data File: gc3r0609.d
Report Date: 21-Mar-2013 10:15

TestAmerica

Data file : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3r0609.d
Lab Smp Id: LCSD 460-151705/3-A
Inj Date : 20-MAR-2013 03:10
Operator : BNAGC1 Inst ID: BNAGC3.i
Smp Info : LCSD 460-151705/3-A
Misc Info :
Comment :
Method : /chem/BNAGC3.i/QAM2012/REAR/03-19-13/19Mar13b.b/gc3rQAM2012.m
Meth Date : 21-Mar-2013 10:15 kimh Quant Type: ESTD
Cal Date : 12-DEC-2012 14:53 Cal File: gc3r0012.d
Als bottle: 28 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/(Vo*1000) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (ml)
Vo	1000.00000	Initial Volume

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/L)
$ 1 O-terphenyl (sur)	3.626	3.626	0.000	1667170	17.9475	0.018(M)
$ 2 Chlorobenzene (sur)	0.751	0.753	-0.002	915415	13.2177	0.013(M)
3 TPH	2.783	0.579	2.204	116260747	1615.78	1.6(M)

QC Flag Legend

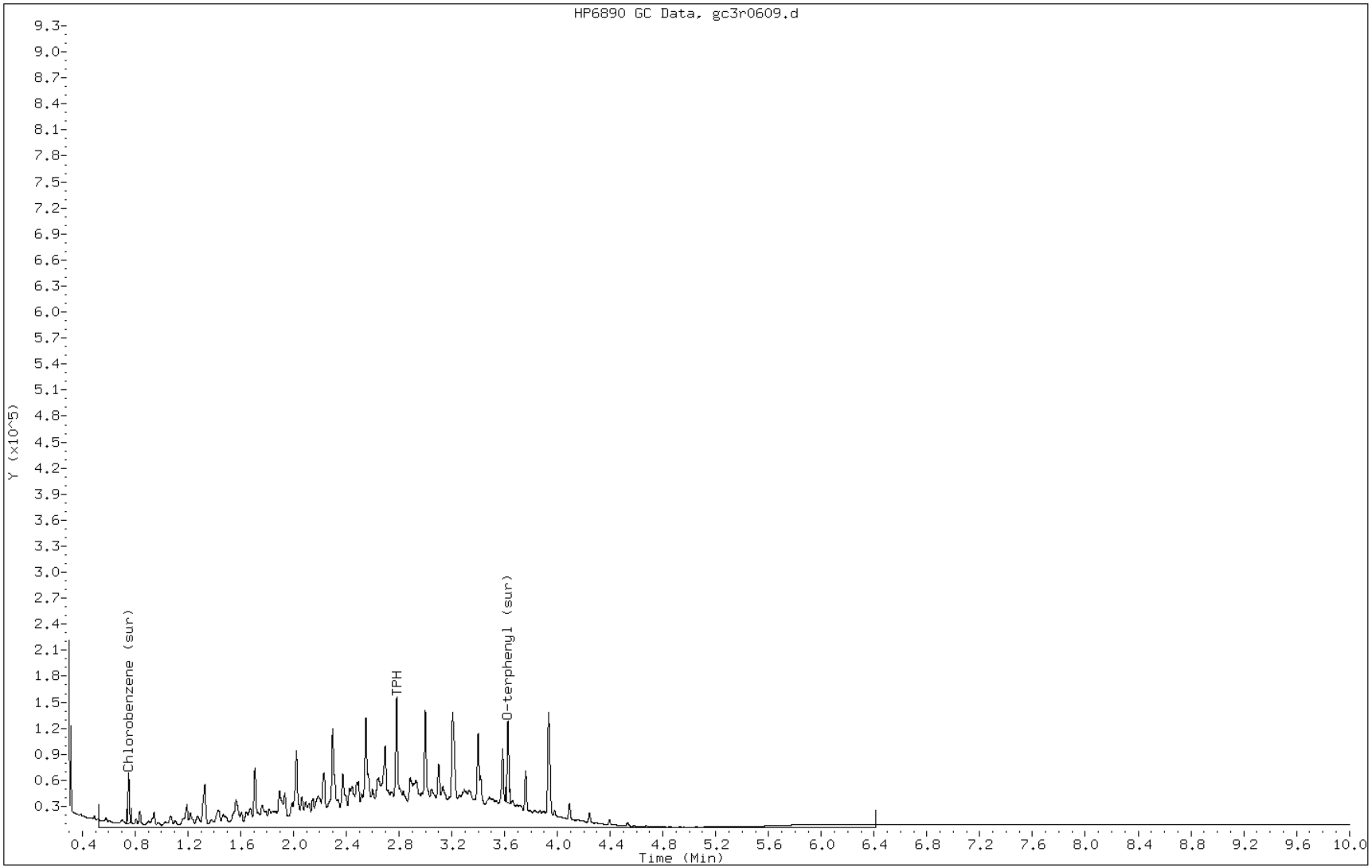
M - Compound response manually integrated.

Data File: gc3r0609.d

Date: 20-MAR-2013 03:10

Client ID: Instrument: BNAGC3.i

Sample Info: LCSD 460-151705/3-A Operator: BNAGC1



Manual Integration Report

Data File: gc3r0609.d
Inj. Date and Time: 20-MAR-2013 03:10
Instrument ID: BNAGC3.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 3.63

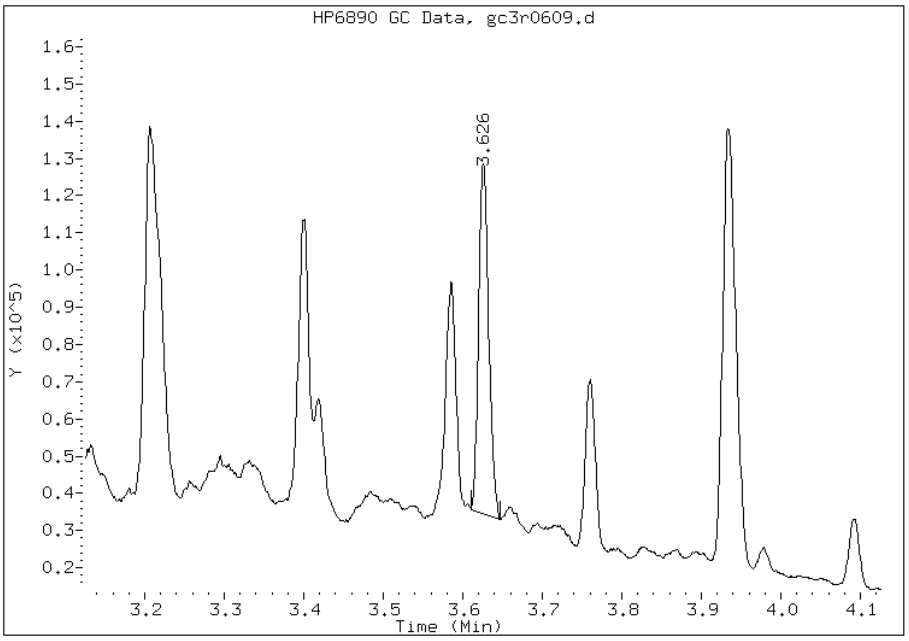
Manual Integration Results

RT: 3.63

Response: 1667170

Amount: 17.95

Conc: 0.02



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gc3r0609.d
Inj. Date and Time: 20-MAR-2013 03:10
Instrument ID: BNAGC3.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 03/21/2013

Processing Integration Results

Not Detected

Expected RT: 0.75

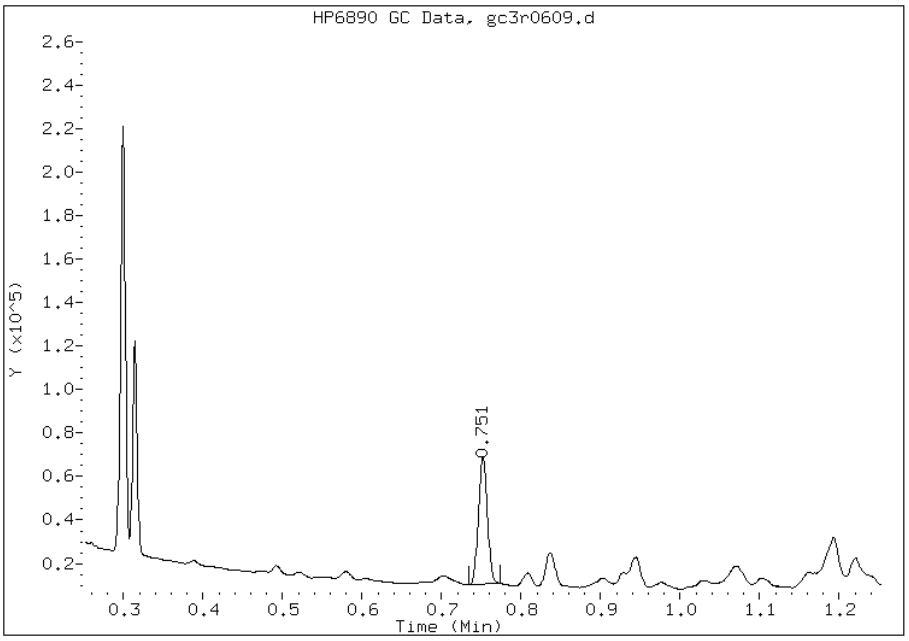
Manual Integration Results

RT: 0.75

Response: 915415

Amount: 13.22

Conc: 0.01



Manually Integrated By: kimh
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD MS Lab Sample ID: 460-52450-1 MS

Matrix: Solid Lab File ID: gc3r0452.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 09:20

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.04(g) Date Analyzed: 03/18/2013 10:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	118		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	65		50-105
108-90-7	Chlorobenzene	66		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD MS Lab Sample ID: 460-52450-20 MS

Matrix: Solid Lab File ID: gc3r0548.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 13:45

Extraction Method: 3546 Date Extracted: 03/18/2013 13:31

Sample wt/vol: 15.02(g) Date Analyzed: 03/19/2013 12:47

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2340		58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD MS Lab Sample ID: 460-52450-27 MS

Matrix: Solid Lab File ID: gc3r0486.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 14:50

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.00(g) Date Analyzed: 03/18/2013 22:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	33.4		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	17	X	50-105
108-90-7	Chlorobenzene	15	X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD MS Lab Sample ID: 460-52450-41 MS

Matrix: Solid Lab File ID: gc3r0516.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 17:35

Extraction Method: 3546 Date Extracted: 03/18/2013 11:40

Sample wt/vol: 15.04(g) Date Analyzed: 03/19/2013 05:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	20.7		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	15	X	50-105
108-90-7	Chlorobenzene	13	X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52459-F-23-D MS

Matrix: Solid Lab File ID: gc3r0782.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/21/2013 14:33

Sample wt/vol: 15.02(g) Date Analyzed: 03/22/2013 11:11

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 6.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152358 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	412		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	470	X D	50-105
108-90-7	Chlorobenzene	36	X D	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-21-NE-VD MSD Lab Sample ID: 460-52450-1 MSD

Matrix: Solid Lab File ID: gc3r0453.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 09:20

Extraction Method: 3546 Date Extracted: 03/17/2013 07:04

Sample wt/vol: 15.02(g) Date Analyzed: 03/18/2013 10:26

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152029 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	96.9		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	59		50-105
108-90-7	Chlorobenzene	60		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-7-NE-VD MSD Lab Sample ID: 460-52450-20 MSD

Matrix: Solid Lab File ID: gc3r0549.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 13:45

Extraction Method: 3546 Date Extracted: 03/18/2013 13:31

Sample wt/vol: 15.03(g) Date Analyzed: 03/19/2013 13:01

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152060 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2130		58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-9-NE-VD MSD Lab Sample ID: 460-52450-27 MSD

Matrix: Solid Lab File ID: gc3r0487.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 14:50

Extraction Method: 3546 Date Extracted: 03/18/2013 11:39

Sample wt/vol: 15.03(g) Date Analyzed: 03/18/2013 22:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	26.3		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	14	X	50-105
108-90-7	Chlorobenzene	11	X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: PMP-28-NE-VD MSD Lab Sample ID: 460-52450-41 MSD

Matrix: Solid Lab File ID: gc3r0517.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/14/2013 17:35

Extraction Method: 3546 Date Extracted: 03/18/2013 11:40

Sample wt/vol: 15.00(g) Date Analyzed: 03/19/2013 05:27

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 151904 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	18.2		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	13	X	50-105
108-90-7	Chlorobenzene	12	X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-52459-F-23-E MSD

Matrix: Solid Lab File ID: gc3r0783.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/21/2013 14:33

Sample wt/vol: 15.00(g) Date Analyzed: 03/22/2013 11:25

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 6.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 152358 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	652		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	795	X D	50-105
108-90-7	Chlorobenzene	44		40-80

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAGC3 Start Date: 12/12/2012 12:01

Analysis Batch Number: 139446 End Date: 12/12/2012 14:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-139446/1		12/12/2012 12:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		12/12/2012 12:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		12/12/2012 12:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		12/12/2012 12:44	1		Rtx-5MS 0.25(mm)
IC 460-139446/5		12/12/2012 12:58	1	gc3r0007.d	Rtx-5MS 0.25(mm)
IC 460-139446/6		12/12/2012 13:12	1	gc3r0008.d	Rtx-5MS 0.25(mm)
IC 460-139446/7		12/12/2012 13:27	1	gc3r0009.d	Rtx-5MS 0.25(mm)
IC 460-139446/8		12/12/2012 13:41	1	gc3r0010.d	Rtx-5MS 0.25(mm)
ICV 460-139446/9		12/12/2012 14:05	1		Rtx-5MS 0.25(mm)
IC 460-139446/10		12/12/2012 14:53	1	gc3r0012.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAGC3 Start Date: 03/18/2013 20:56

Analysis Batch Number: 151904 End Date: 03/19/2013 11:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/18/2013 20:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 21:11	1		Rtx-5MS 0.25(mm)
CCV 460-151904/3		03/18/2013 21:25	1	gc3r0483.d	Rtx-5MS 0.25(mm)
MB 460-151544/1-A		03/18/2013 21:40	1	gc3r0484.d	Rtx-5MS 0.25(mm)
LCS 460-151544/2-A		03/18/2013 21:54	1	gc3r0485.d	Rtx-5MS 0.25(mm)
460-52450-27 MS	PMP-9-NE-VD MS	03/18/2013 22:08	1	gc3r0486.d	Rtx-5MS 0.25(mm)
460-52450-27 MSD	PMP-9-NE-VD MSD	03/18/2013 22:23	1	gc3r0487.d	Rtx-5MS 0.25(mm)
460-52450-27	PMP-9-NE-VD	03/18/2013 22:37	1	gc3r0488.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 22:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 23:06	1		Rtx-5MS 0.25(mm)
460-52450-23	PMP-10-NE-VD	03/18/2013 23:21	1	gc3r0491.d	Rtx-5MS 0.25(mm)
460-52450-24	PMP-10-NE-WT	03/18/2013 23:35	1	gc3r0492.d	Rtx-5MS 0.25(mm)
460-52450-25	PMP-10-NE-SI	03/18/2013 23:50	1	gc3r0493.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 00:04	1		Rtx-5MS 0.25(mm)
CCV 460-151904/15		03/19/2013 00:19	1	gc3r0495.d	Rtx-5MS 0.25(mm)
460-52450-26	PMP-10-NE-SD	03/19/2013 00:33	1	gc3r0496.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 00:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 01:02	1		Rtx-5MS 0.25(mm)
460-52450-30	PMP-13-NE-VD	03/19/2013 01:16	1	gc3r0499.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 01:31	1		Rtx-5MS 0.25(mm)
460-52450-32	PMP-13-NE-SI	03/19/2013 01:45	1	gc3r0501.d	Rtx-5MS 0.25(mm)
460-52450-34	PMP-16-NE-VD	03/19/2013 02:08	1	gc3r0503.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 02:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 02:37	1		Rtx-5MS 0.25(mm)
CCV 460-151904/25		03/19/2013 02:51	1	gc3r0506.d	Rtx-5MS 0.25(mm)
460-52450-36	PMP-16-NE-SI	03/19/2013 03:05	1	gc3r0507.d	Rtx-5MS 0.25(mm)
460-52450-37	PMP-15-NE-VD	03/19/2013 03:19	1	gc3r0508.d	Rtx-5MS 0.25(mm)
460-52450-38	PMP-15-NE-WT	03/19/2013 03:33	1	gc3r0509.d	Rtx-5MS 0.25(mm)
460-52450-39	PMP-15-NE-SI	03/19/2013 03:48	1	gc3r0510.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 04:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 04:16	1		Rtx-5MS 0.25(mm)
CCV 460-151904/31		03/19/2013 04:30	1	gc3r0513.d	Rtx-5MS 0.25(mm)
MB 460-151545/1-A		03/19/2013 04:45	1	gc3r0514.d	Rtx-5MS 0.25(mm)
LCS 460-151545/2-A		03/19/2013 04:59	1	gc3r0515.d	Rtx-5MS 0.25(mm)
460-52450-41 MS	PMP-28-NE-VD MS	03/19/2013 05:13	1	gc3r0516.d	Rtx-5MS 0.25(mm)
460-52450-41 MSD	PMP-28-NE-VD MSD	03/19/2013 05:27	1	gc3r0517.d	Rtx-5MS 0.25(mm)
460-52450-41	PMP-28-NE-VD	03/19/2013 05:41	1	gc3r0518.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 05:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 06:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 06:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 06:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 06:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 07:07	1		Rtx-5MS 0.25(mm)
CCV 460-151904/43		03/19/2013 07:21	1	gc3r0525.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 07:35	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAGC3 Start Date: 03/18/2013 20:56

Analysis Batch Number: 151904 End Date: 03/19/2013 11:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/19/2013 07:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 08:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 08:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 08:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 08:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 09:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 09:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 09:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 09:43	1		Rtx-5MS 0.25(mm)
CCV 460-151904/54		03/19/2013 09:57	1	gc3r0536.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 10:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 10:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 10:39	1		Rtx-5MS 0.25(mm)
460-52450-43	PMP-28-NE-SI	03/19/2013 10:53	1	gc3r0540.d	Rtx-5MS 0.25(mm)
460-52450-44	PMP-28-NE-SD	03/19/2013 11:08	1	gc3r0541.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 11:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 11:36	1		Rtx-5MS 0.25(mm)
CCV 460-151904/62		03/19/2013 11:50	1	gc3r0544.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAGC3 Start Date: 03/18/2013 08:22

Analysis Batch Number: 152029 End Date: 03/18/2013 16:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/18/2013 08:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 08:36	1		Rtx-5MS 0.25(mm)
CCV 460-152029/3		03/18/2013 08:51	1	gc3r0449.d	Rtx-5MS 0.25(mm)
MB 460-151461/1-A		03/18/2013 09:34	1	gc3r0450.d	Rtx-5MS 0.25(mm)
LCS 460-151461/2-A		03/18/2013 09:59	1	gc3r0451.d	Rtx-5MS 0.25(mm)
460-52450-1 MS	PMP-21-NE-VD MS	03/18/2013 10:13	1	gc3r0452.d	Rtx-5MS 0.25(mm)
460-52450-1 MSD	PMP-21-NE-VD MSD	03/18/2013 10:26	1	gc3r0453.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 10:41	2		Rtx-5MS 0.25(mm)
460-52450-1	PMP-21-NE-VD	03/18/2013 10:55	1	gc3r0455.d	Rtx-5MS 0.25(mm)
460-52450-2	PMP-21-NE-WT	03/18/2013 11:09	1	gc3r0456.d	Rtx-5MS 0.25(mm)
460-52450-3	PMP-21-NE-SI	03/18/2013 11:23	1	gc3r0457.d	Rtx-5MS 0.25(mm)
460-52450-4	PMP-23-NE-VS	03/18/2013 11:37	1	gc3r0458.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 11:51	1		Rtx-5MS 0.25(mm)
CCV 460-152029/14		03/18/2013 12:05	1	gc3r0460.d	Rtx-5MS 0.25(mm)
460-52450-5	PMP-14-NE VS	03/18/2013 12:19	1	gc3r0461.d	Rtx-5MS 0.25(mm)
460-52450-6	PMP-8-NE-VS	03/18/2013 12:33	1	gc3r0462.d	Rtx-5MS 0.25(mm)
460-52450-7	PMP-8-NE-VD	03/18/2013 12:47	1	gc3r0463.d	Rtx-5MS 0.25(mm)
460-52450-8	PMP-8-NE-WT	03/18/2013 13:01	1	gc3r0464.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 13:15	1		Rtx-5MS 0.25(mm)
460-52450-10	PMP-4-NE-VD	03/18/2013 13:29	1	gc3r0466.d	Rtx-5MS 0.25(mm)
460-52450-11	PMP-22-NE-VS	03/18/2013 13:43	1	gc3r0467.d	Rtx-5MS 0.25(mm)
460-52450-12	PMP-22-NE-VD	03/18/2013 13:57	1	gc3r0468.d	Rtx-5MS 0.25(mm)
460-52450-13	PMP-22-NE-WT	03/18/2013 14:12	1	gc3r0469.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 14:25	1		Rtx-5MS 0.25(mm)
CCV 460-152029/25		03/18/2013 14:40	1	gc3r0471.d	Rtx-5MS 0.25(mm)
460-52450-14	PMP-6-NE-VD	03/18/2013 14:54	1	gc3r0472.d	Rtx-5MS 0.25(mm)
460-52450-15	PMP-6-NE-WT	03/18/2013 15:08	1	gc3r0473.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 15:22	1		Rtx-5MS 0.25(mm)
460-52450-17	PMP-5-NE-VD	03/18/2013 15:36	1	gc3r0475.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 15:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 16:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2013 16:18	1		Rtx-5MS 0.25(mm)
CCV 460-152029/33		03/18/2013 16:33	1	gc3r0479.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAGC3 Start Date: 03/19/2013 11:22

Analysis Batch Number: 152060 End Date: 03/20/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/19/2013 11:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 11:36	1		Rtx-5MS 0.25(mm)
CCV 460-152060/3		03/19/2013 11:50	1	gc3r0544.d	Rtx-5MS 0.25(mm)
MB 460-151566/1-A		03/19/2013 12:04	1	gc3r0545.d	Rtx-5MS 0.25(mm)
LCS 460-151566/2-A		03/19/2013 12:18	1	gc3r0546.d	Rtx-5MS 0.25(mm)
460-52450-20 MS	PMP-7-NE-VD MS	03/19/2013 12:47	10	gc3r0548.d	Rtx-5MS 0.25(mm)
460-52450-20 MSD	PMP-7-NE-VD MSD	03/19/2013 13:01	10	gc3r0549.d	Rtx-5MS 0.25(mm)
460-52450-20	PMP-7-NE-VD	03/19/2013 13:15	10	gc3r0550.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 13:29	1		Rtx-5MS 0.25(mm)
CCV 460-152060/10		03/19/2013 13:43	1	gc3r0552.d	Rtx-5MS 0.25(mm)
460-52450-9	PMP-4-NE-VS	03/19/2013 13:57	5	gc3r0553.d	Rtx-5MS 0.25(mm)
460-52450-16	PMP-6-NE-SI	03/19/2013 14:11	5	gc3r0554.d	Rtx-5MS 0.25(mm)
460-52450-18	PMP-5-NE-WT	03/19/2013 14:25	10	gc3r0555.d	Rtx-5MS 0.25(mm)
460-52450-19	PMP-5-NE-SI	03/19/2013 14:39	5	gc3r0556.d	Rtx-5MS 0.25(mm)
460-52450-21	PMP-7-NE-WT	03/19/2013 14:53	20	gc3r0557.d	Rtx-5MS 0.25(mm)
460-52450-22	PMP-7-NE-SI	03/19/2013 15:07	10	gc3r0558.d	Rtx-5MS 0.25(mm)
460-52450-28	PMP-9-NE-WT	03/19/2013 15:21	10	gc3r0559.d	Rtx-5MS 0.25(mm)
460-52450-29	PMP-9-NE-SI	03/19/2013 15:36	5	gc3r0560.d	Rtx-5MS 0.25(mm)
460-52450-31	PMP-13-NE-WT	03/19/2013 15:50	20	gc3r0561.d	Rtx-5MS 0.25(mm)
460-52450-33	PMP-13-NE-SD	03/19/2013 16:04	1	gc3r0562.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 16:18	1		Rtx-5MS 0.25(mm)
CCV 460-152060/22		03/19/2013 16:32	1	gc3r0564.d	Rtx-5MS 0.25(mm)
460-52450-35	PMP-16-NE-WT	03/19/2013 16:46	10	gc3r0565.d	Rtx-5MS 0.25(mm)
460-52450-40	PMP-15-NE-SD	03/19/2013 17:00	10	gc3r0566.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 17:14	10		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 17:29	10		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 17:43	2		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 17:57	10		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 18:11	2		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 18:25	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 18:39	20		Rtx-5MS 0.25(mm)
460-52450-42	PMP-28-NE-WT	03/19/2013 18:54	10	gc3r0574.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 19:08	1		Rtx-5MS 0.25(mm)
CCV 460-152060/34		03/19/2013 19:22	1	gc3r0576.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 19:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 19:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 20:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 20:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 20:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 20:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 21:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 21:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 21:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 21:44	1		Rtx-5MS 0.25(mm)
CCV 460-152060/45		03/19/2013 21:58	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAGC3 Start Date: 03/19/2013 11:22

Analysis Batch Number: 152060 End Date: 03/20/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/19/2013 22:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 22:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 22:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 22:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 23:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 23:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 23:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2013 23:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 00:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 00:19	1		Rtx-5MS 0.25(mm)
CCV 460-152060/56		03/20/2013 00:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 00:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 01:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 01:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 01:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 01:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 01:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 02:13	1		Rtx-5MS 0.25(mm)
CCV 460-152060/64		03/20/2013 02:27	1	gc3r0606.d	Rtx-5MS 0.25(mm)
MB 460-151705/1-A		03/20/2013 02:41	1	gc3r0607.d	Rtx-5MS 0.25(mm)
LCS 460-151705/2-A		03/20/2013 02:55	1	gc3r0608.d	Rtx-5MS 0.25(mm)
LCSD 460-151705/3-A		03/20/2013 03:10	1	gc3r0609.d	Rtx-5MS 0.25(mm)
460-52450-45	FB_031513	03/20/2013 03:24	1	gc3r0610.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 03:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/20/2013 03:52	1		Rtx-5MS 0.25(mm)
CCV 460-152060/71		03/20/2013 04:06	1	gc3r0613.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAGC3 Start Date: 03/22/2013 07:26

Analysis Batch Number: 152358 End Date: 03/22/2013 20:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/22/2013 07:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 07:40	1		Rtx-5MS 0.25(mm)
CCV 460-152358/3		03/22/2013 07:54	1	gc3r0768.d	Rtx-5MS 0.25(mm)
MB 460-152134/1-A		03/22/2013 08:09	1	gc3r0769.d	Rtx-5MS 0.25(mm)
LCS 460-152134/2-A		03/22/2013 08:23	1	gc3r0770.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 08:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 08:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 09:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 09:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 09:34	1		Rtx-5MS 0.25(mm)
460-52450-33	PMP-13-NE-SD	03/22/2013 09:49	1	gc3r0776.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 10:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 10:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 10:29	1		Rtx-5MS 0.25(mm)
CCV 460-152358/15		03/22/2013 10:43	1	gc3r0780.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 10:57	5		Rtx-5MS 0.25(mm)
460-52459-F-23-D MS		03/22/2013 11:11	5	gc3r0782.d	Rtx-5MS 0.25(mm)
460-52459-F-23-E MSD		03/22/2013 11:25	5	gc3r0783.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 11:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 11:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 12:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 12:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 12:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 12:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 13:04	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 13:18	1		Rtx-5MS 0.25(mm)
CCV 460-152358/27		03/22/2013 13:39	1	gc3r0792.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 13:54	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 14:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 14:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 14:36	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 14:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 15:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 15:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 15:32	1		Rtx-5MS 0.25(mm)
CCV 460-152358/36		03/22/2013 15:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 16:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 16:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 16:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 16:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 17:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 17:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 17:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 17:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 18:01	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: BNAGC3 Start Date: 03/22/2013 07:26

Analysis Batch Number: 152358 End Date: 03/22/2013 20:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-152358/46		03/22/2013 18:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 18:36	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 18:50	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 19:05	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 19:19	10		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 19:33	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2013 19:47	1		Rtx-5MS 0.25(mm)
CCV 460-152358/53		03/22/2013 20:08	1		Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151461 Batch Start Date: 03/17/13 07:04 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00027	OPQAMMS/SD 00022	OPQAMSU 00023	
MB 460-151461/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-151461/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-52450-F-1 MS	PMP-21-NE-VD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL		1 mL	1 mL	
460-52450-F-1 MSD	PMP-21-NE-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL	1 mL	
460-52450-F-1	PMP-21-NE-VD	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-52450-F-2	PMP-21-NE-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-52450-F-3	PMP-21-NE-SI	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-52450-F-4	PMP-23-NE-VS	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-5	PMP-14-NE VS	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-6	PMP-8-NE-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-52450-F-7	PMP-8-NE-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-52450-F-8	PMP-8-NE-WT	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-52450-F-9	PMP-4-NE-VS	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-52450-F-10	PMP-4-NE-VD	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151461 Batch Start Date: 03/17/13 07:04 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00027	OPQAMMS/SD 00022	OPQAMSU 00023	
460-52450-F-11	PMP-22-NE-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-52450-F-12	PMP-22-NE-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-52450-F-13	PMP-22-NE-WT	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-52450-F-14	PMP-6-NE-VD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-52450-F-15	PMP-6-NE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-16	PMP-6-NE-SI	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-52450-F-17	PMP-5-NE-VD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-52450-F-18	PMP-5-NE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-19	PMP-5-NE-SI	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151461 Batch Start Date: 03/17/13 07:04 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	QAM
Person's name who did the concentration	archie
Final Concentrator Volume	1ml mL
MeCL2 Lot #	34712
Microwave Start Time	3am
Microwave Stop Time	3:30am
Na2SO4 Lot Number	225301
Person's name who did the prep	archie
Water Bath ID	36378
Water Bath Temperature	37.0c (uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151544 Batch Start Date: 03/18/13 11:39 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00027	OPQAMMS/SD 00023	OPQAMSU 00023	
MB 460-151544/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-151544/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-52450-F-27 MS	PMP-9-NE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-52450-F-27 MSD	PMP-9-NE-VD	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL		1 mL	1 mL	
460-52450-F-21	PMP-7-NE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-22	PMP-7-NE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-52450-F-23	PMP-10-NE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-52450-F-24	PMP-10-NE-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-52450-F-25	PMP-10-NE-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-52450-F-26	PMP-10-NE-SD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-27	PMP-9-NE-VD	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-52450-F-28	PMP-9-NE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-29	PMP-9-NE-SI	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-52450-F-30	PMP-13-NE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151544 Batch Start Date: 03/18/13 11:39 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00027	OPQAMMS/SD 00023	OPQAMSU 00023	
460-52450-F-31	PMP-13-NE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-32	PMP-13-NE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-52450-F-33	PMP-13-NE-SD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-52450-F-34	PMP-16-NE-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-52450-F-35	PMP-16-NE-WT	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-52450-F-36	PMP-16-NE-SI	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-52450-F-37	PMP-15-NE-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-52450-F-38	PMP-15-NE-WT	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-52450-F-39	PMP-15-NE-SI	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-52450-F-40	PMP-15-NE-SD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151544 Batch Start Date: 03/18/13 11:39 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	QAM 025 SOIL
Person's name who did the concentration	CM
Final Concentrator Volume	1ml mL
MeCL2 Lot #	34712
Microwave Start Time	1230p
Microwave Stop Time	0130p
Na2SO4 Lot Number	225301
Person's name who did the prep	CM
SOP Number	3546
Person who witnessed spiking	HP
Water Bath ID	36378
Water Bath Temperature	37.0c (Uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151545 Batch Start Date: 03/18/13 11:40 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00027	OPQAMMS/SD 00023	OPQAMSU 00023	
MB 460-151545/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-151545/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-52450-F-41 MS	PMP-28-NE-VD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL		1 mL	1 mL	
460-52450-F-41 MSD	PMP-28-NE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-52450-F-41	PMP-28-NE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-52450-F-42	PMP-28-NE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-52450-F-43	PMP-28-NE-SI	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-52450-F-44	PMP-28-NE-SD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151545 Batch Start Date: 03/18/13 11:40 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	QAM 025 SOIL
Person's name who did the concentration	CM
Final Concentrator Volume	1ml mL
MeCL2 Lot #	34712
Microwave Start Time	1230p
Microwave Stop Time	0130p
Na2SO4 Lot Number	225301
Person's name who did the prep	CM
SOP Number	3546
Person who witnessed spiking	HP
Water Bath ID	36378
Water Bath Temperature	37.0c (Uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151566 Batch Start Date: 03/18/13 13:31 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00027	OPQAMMS/SD 00023	OPQAMSU 00023	
MB 460-151566/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-151566/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-52450-F-20 MS	PMP-7-NE-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL	1 mL	
460-52450-F-20 MSD	PMP-7-NE-VD	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL		1 mL	1 mL	
460-52450-F-20	PMP-7-NE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM 025 SOIL
Person's name who did the concentration	CM
Final Concentrator Volume	1ml mL
MeCL2 Lot #	34712
Microwave Start Time	1230p
Microwave Stop Time	0130p
Na2SO4 Lot Number	225301
Person's name who did the prep	CM
SOP Number	3546
Person who witnessed spiking	HP
Water Bath Temperature	37.0c (Uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151705 Batch Start Date: 03/19/13 09:56 Batch Analyst: Chen, Mandi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_QAMBS 00027	OPQAMSU 00023	
MB 460-151705/1		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL		1 mL	
LCS 460-151705/2		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	1 mL	1 mL	
LCSD 460-151705/3		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	1 mL	1 mL	
460-52450-D-45	FB_031513	3510C, NJ-OQA-QAM-025	T	<2 SU	980 mL	1 mL		1 mL	

Batch Notes	
Batch Comment	QAM
Person's name who did the concentration	Wuh
N-evap #	36378
N-evap temperature	37.0c Degrees C
Na2SO4 Lot Number	225301
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	36602
Prep Solvent Name	Mecl2
Prep Solvent Volume Used	180ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP
Uncorrected N-evap Temperature	37.0c Degrees C
Uncorrected Temperature	37.0c Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 152134 Batch Start Date: 03/21/13 14:33 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00027	OPQAMMS/SD 00023	OPQAMSU 00023	
MB 460-152134/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-152134/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-52459-F-23 MS		3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL	1 mL	
460-52459-F-23 MSD		3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-52450-F-33	PMP-13-NE-SD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM 025 SOIL
Person's name who did the concentration	CM
Final Concentrator Volume	1 mL
MeCL2 Lot #	34712
Microwave Start Time	1530
Microwave Stop Time	1600
Na2SO4 Lot Number	225301
Person's name who did the prep	CM
SOP Number	3546
Water Bath ID	36378
Water Bath Temperature	37.0c (Uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-52450-1

SDG No.:

Project: Former McCandless Fuels

Client Sample ID	Lab Sample ID
PMP-21-NE-VD	460-52450-1
PMP-21-NE-WT	460-52450-2
PMP-21-NE-SI	460-52450-3
PMP-23-NE-VS	460-52450-4
PMP-14-NE VS	460-52450-5
PMP-8-NE-VS	460-52450-6
PMP-8-NE-VD	460-52450-7
PMP-8-NE-WT	460-52450-8
PMP-4-NE-VS	460-52450-9
PMP-4-NE-VD	460-52450-10
PMP-22-NE-VS	460-52450-11
PMP-22-NE-VD	460-52450-12
PMP-22-NE-WT	460-52450-13
PMP-6-NE-VD	460-52450-14
PMP-6-NE-WT	460-52450-15
PMP-6-NE-SI	460-52450-16
PMP-5-NE-VD	460-52450-17
PMP-5-NE-WT	460-52450-18
PMP-5-NE-SI	460-52450-19
PMP-7-NE-VD	460-52450-20
PMP-7-NE-WT	460-52450-21
PMP-7-NE-SI	460-52450-22
PMP-10-NE-VD	460-52450-23
PMP-10-NE-WT	460-52450-24
PMP-10-NE-SI	460-52450-25
PMP-10-NE-SD	460-52450-26
PMP-9-NE-VD	460-52450-27
PMP-9-NE-WT	460-52450-28
PMP-9-NE-SI	460-52450-29
PMP-13-NE-VD	460-52450-30
PMP-13-NE-WT	460-52450-31
PMP-13-NE-SI	460-52450-32
PMP-13-NE-SD	460-52450-33
PMP-16-NE-VD	460-52450-34
PMP-16-NE-WT	460-52450-35
PMP-16-NE-SI	460-52450-36
PMP-15-NE-VD	460-52450-37
PMP-15-NE-WT	460-52450-38
PMP-15-NE-SI	460-52450-39
PMP-15-NE-SD	460-52450-40
PMP-28-NE-VD	460-52450-41
PMP-28-NE-WT	460-52450-42
PMP-28-NE-SI	460-52450-43
PMP-28-NE-SD	460-52450-44
FB_031513	460-52450-45

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-21-NE-VD
Lab Sample ID: 460-52450-1
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 09:20
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-21-NE-WT
Lab Sample ID: 460-52450-2
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 09:25
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-21-NE-SI
Lab Sample ID: 460-52450-3
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 09:30
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-23-NE-VS
Lab Sample ID: 460-52450-4
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 10:15
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	89.3	99.9	58.2	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-14-NE VS
Lab Sample ID: 460-52450-5
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 09:45
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	89.3	99.7	58.1	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-8-NE-VS
Lab Sample ID: 460-52450-6
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 10:30
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-8-NE-VD
Lab Sample ID: 460-52450-7
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 10:35
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.7	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-8-NE-WT
Lab Sample ID: 460-52450-8
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 10:40
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-4-NE-VS
Lab Sample ID: 460-52450-9
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 10:50
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	102	99.7	58.0	mg/Kg			1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-4-NE-VD
Lab Sample ID: 460-52450-10
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 10:55
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	98.1	99.8	58.1	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-22-NE-VS
Lab Sample ID: 460-52450-11
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 11:25
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	135	99.7	58.1	mg/Kg			1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-22-NE-VD
Lab Sample ID: 460-52450-12
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 11:30
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	79.5	99.8	58.1	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-22-NE-WT
Lab Sample ID: 460-52450-13
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 11:35
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	83.9	99.6	58.0	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6-NE-VD
Lab Sample ID: 460-52450-14
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 11:50
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.7	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6-NE-WT
Lab Sample ID: 460-52450-15
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 11:55
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.6	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6-NE-SI
Lab Sample ID: 460-52450-16
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 12:00
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-5-NE-VD
Lab Sample ID: 460-52450-17
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 12:20
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.7	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-5-NE-WT
Lab Sample ID: 460-52450-18
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 12:25
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-5-NE-SI
Lab Sample ID: 460-52450-19
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 12:30
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7-NE-VD
Lab Sample ID: 460-52450-20
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 13:45
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7-NE-WT
Lab Sample ID: 460-52450-21
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 13:50
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7-NE-SI
Lab Sample ID: 460-52450-22
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 13:55
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10-NE-VD
Lab Sample ID: 460-52450-23
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 14:25
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.7	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10-NE-WT
Lab Sample ID: 460-52450-24
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 14:30
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10-NE-SI
Lab Sample ID: 460-52450-25
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 14:35
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10-NE-SD
Lab Sample ID: 460-52450-26
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 14:40
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-9-NE-VD
Lab Sample ID: 460-52450-27
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 14:50
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-9-NE-WT
Lab Sample ID: 460-52450-28
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 14:55
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-9-NE-SI
Lab Sample ID: 460-52450-29
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 15:00
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.7	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13-NE-VD
Lab Sample ID: 460-52450-30
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 15:35
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13-NE-WT
Lab Sample ID: 460-52450-31
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 15:40
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13-NE-SI
Lab Sample ID: 460-52450-32
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 15:45
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.7	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13-NE-SD
Lab Sample ID: 460-52450-33
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 15:50
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.7	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-16-NE-VD
Lab Sample ID: 460-52450-34
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 16:15
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-16-NE-WT
Lab Sample ID: 460-52450-35
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 16:20
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-16-NE-SI
Lab Sample ID: 460-52450-36
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 16:25
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	100	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-15-NE-VD
Lab Sample ID: 460-52450-37
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 16:50
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-15-NE-WT
Lab Sample ID: 460-52450-38
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 16:55
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.7	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-15-NE-SI
Lab Sample ID: 460-52450-39
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 17:00
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-15-NE-SD
Lab Sample ID: 460-52450-40
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 17:05
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-28-NE-VD
Lab Sample ID: 460-52450-41
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 17:35
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-28-NE-WT
Lab Sample ID: 460-52450-42
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 17:40
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-28-NE-SI
Lab Sample ID: 460-52450-43
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 17:45
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-28-NE-SD
Lab Sample ID: 460-52450-44
Lab Name: TestAmerica Edison
Job No.: 460-52450-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/14/2013 17:50
Reporting Basis: WET
Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB_031513 Lab Sample ID: 460-52450-45

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG ID.:

Matrix: Water Date Sampled: 03/15/2013 07:30

Reporting Basis: WET Date Received: 03/15/2013 15:05

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	0.84	5.0	0.84	mg/L	U		1	SM 4500 Cl- B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Analyst: MB Batch Start Date: 03/21/2013

Reporting Units: mg/L Analytical Batch No.: 152182

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	15:03	Chloride	49.28	50.0	99	90-110		WTchlss1_00011
2	ICB	15:03	Chloride	2.9				U	
3	CCV	15:24	Chloride	49.13	50.0	98	90-110		WTchlss1_00011
4	CCB	15:24	Chloride	2.9				U	
15	CCV	15:27	Chloride	50.22	50.0	100	90-110		WTchlss1_00011
16	CCB	15:27	Chloride	2.9				U	
19	CCV	15:28	Chloride	50.36	50.0	101	90-110		WTchlss1_00011
20	CCB	15:28	Chloride	2.9				U	
21	CCV	15:35	Chloride	49.67	50.0	99	90-110		WTchlss1_00011
22	CCB	15:35	Chloride	2.9				U	
33	CCV	15:38	Chloride	49.98	50.0	100	90-110		WTchlss1_00011
34	CCB	15:38	Chloride	2.9				U	
35	CCV	15:39	Chloride	50.82	50.0	102	90-110		WTchlss1_00011
36	CCB	15:39	Chloride	2.9				U	
41	CCV	15:42	Chloride	52.06	50.0	104	90-110		WTchlss1_00011
42	CCB	15:42	Chloride	2.9				U	
43	CCV	15:48	Chloride	50.14	50.0	100	90-110		WTchlss1_00011
44	CCB	15:48	Chloride	2.9				U	
47	CCV	15:49	Chloride	51.03	50.0	102	90-110		WTchlss1_00011
48	CCB	15:49	Chloride	2.9				U	
49	CCV	16:04	Chloride	50.00	50.0	100	90-110		WTchlss1_00011
50	CCB	16:04	Chloride	2.9				U	
55	CCV	16:05	Chloride	51.16	50.0	102	90-110		WTchlss1_00011
56	CCB	16:05	Chloride	2.9				U	
64	CCV	16:13	Chloride	51.48	50.0	103	90-110		WTchlss1_00011
65	CCB	16:13	Chloride	2.9				U	
68	CCV	16:16	Chloride	51.35	50.0	103	90-110		WTchlss1_00011
69	CCB	16:16	Chloride	2.9				U	
70	CCV	16:27	Chloride	49.66	50.0	99	90-110		WTchlss1_00011
71	CCB	16:27	Chloride	2.9				U	
82	CCV	16:29	Chloride	51.09	50.0	102	90-110		WTchlss1_00011
83	CCB	16:29	Chloride	2.9				U	
96	CCV	17:04	Chloride	49.85	50.0	100	90-110		WTchlss1_00011
97	CCB	17:04	Chloride	2.9				U	
103	CCV	17:05	Chloride	50.34	50.0	101	90-110		WTchlss1_00011
104	CCB	17:05	Chloride	2.9				U	
115	CCV	17:09	Chloride	50.83	50.0	102	90-110		WTchlss1_00011
116	CCB	17:09	Chloride	2.9				U	
121	CCV	17:12	Chloride	50.57	50.0	101	90-110		WTchlss1_00011
122	CCB	17:12	Chloride	2.9				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Analyst: MB Batch Start Date: 03/22/2013

Reporting Units: mg/L Analytical Batch No.: 152314

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	09:19	Chloride	50.41	50.0	101	90-110		WTchlss1_00011
2	ICB	09:19	Chloride	2.9				U	
3	CCV	09:37	Chloride	48.74	50.0	97	90-110		WTchlss1_00011
4	CCB	09:37	Chloride	2.9				U	
15	CCV	09:41	Chloride	49.49	50.0	99	90-110		WTchlss1_00011
16	CCB	09:41	Chloride	2.9				U	
19	CCV	09:41	Chloride	50.85	50.0	102	90-110		WTchlss1_00011
20	CCB	09:41	Chloride	2.9				U	
23	CCV	09:45	Chloride	50.84	50.0	102	90-110		WTchlss1_00011
24	CCB	09:45	Chloride	2.9				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 151966	Date: 03/19/2013 17:00						
SM 4500 Cl- B	MB 460-151966/1	Chloride	0.84	U	mg/L	5.0	1
Batch ID: 152182	Date: 03/21/2013 15:24						
SM 4500 Cl- E	MB 460-152182/5	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 152182	Date: 03/21/2013 15:35						
SM 4500 Cl- E	MB 460-152182/23	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 152182	Date: 03/21/2013 16:04						
SM 4500 Cl- E	MB 460-152182/51	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 152182	Date: 03/21/2013 16:27						
SM 4500 Cl- E	MB 460-152182/72	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 152182	Date: 03/21/2013 17:08						
SM 4500 Cl- E	MB 460-152182/105	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 152314	Date: 03/22/2013 09:37						
SM 4500 Cl- E	MB 460-152314/5	Chloride	2.9	U	mg/Kg	5.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 152182 Date: 03/21/2013 15:24							
SM 4500 Cl- E	LB 460-151620/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 152182 Date: 03/21/2013 15:35							
SM 4500 Cl- E	LB 460-151620/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 152182 Date: 03/21/2013 16:10							
SM 4500 Cl- E	LB 460-151982/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 152182 Date: 03/21/2013 16:27							
SM 4500 Cl- E	LB 460-151620/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 152182 Date: 03/21/2013 17:04							
SM 4500 Cl- E	LB 460-151982/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 152182 Date: 03/21/2013 17:08							
SM 4500 Cl- E	LB 460-151984/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 152182 Date: 03/21/2013 17:08							
SM 4500 Cl- E	LB 460-151982/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 152314 Date: 03/22/2013 09:37							
SM 4500 Cl- E	LB 460-151984/1-A	Chloride	58.2	U	mg/Kg	100	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 152182	Date: 03/21/2013 15:35										
SM 4500 Cl- E	460-52450-1	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E MS	460-52450-1	Chloride	1015		mg/Kg	998	102	90-110			
Batch ID: 152182	Date: 03/21/2013 15:48										
SM 4500 Cl- E	460-52450-10	Chloride	98.1	J	mg/Kg						
SM 4500 Cl- E MS	460-52450-10	Chloride	1088		mg/Kg	998	99	90-110			
Batch ID: 152182	Date: 03/21/2013 16:15										
SM 4500 Cl- E	460-52450-19	Chloride	58.2	U	mg/Kg						
SM 4500 Cl- E MS	460-52450-19	Chloride	1013		mg/Kg	999	101	90-110			
Batch ID: 152182	Date: 03/21/2013 17:04										
SM 4500 Cl- E	460-52450-27	Chloride	58.2	U	mg/Kg						
SM 4500 Cl- E MS	460-52450-27	Chloride	1034		mg/Kg	999	103	90-110			
Batch ID: 152182	Date: 03/21/2013 17:11										
SM 4500 Cl- E	460-52450-38	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E MS	460-52450-38	Chloride	1045		mg/Kg	997	105	90-110			
Batch ID: 152314	Date: 03/22/2013 09:44										
SM 4500 Cl- E	460-52459-A-2 -A	Chloride	58.0	U	mg/Kg						
SM 4500 Cl- E MS	460-52459-A-2 -A	Chloride	1027		mg/Kg	997	103	90-110			

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

FORM V-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 151966 Date: 03/19/2013 17:00											
SM 4500 Cl- B	460-52132-B-1 ^4	Chloride	99.3		mg/L						
SM 4500 Cl- B	460-52132-B-1 MS ^4	Chloride	200.6		mg/L	100	101	90-110			

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 152182	Date: 03/21/2013 15:35										
SM 4500 Cl- E	460-52450-1 MSD	Chloride	1014		mg/Kg	998	102	90-110	0	10	
Batch ID: 152182	Date: 03/21/2013 15:48										
SM 4500 Cl- E	460-52450-10 MSD	Chloride	1091		mg/Kg	998	100	90-110	0	10	
Batch ID: 152182	Date: 03/21/2013 16:15										
SM 4500 Cl- E	460-52450-19 MSD	Chloride	1037		mg/Kg	999	104	90-110	2	10	
Batch ID: 152182	Date: 03/21/2013 17:04										
SM 4500 Cl- E	460-52450-27 MSD	Chloride	1024		mg/Kg	999	102	90-110	1	10	
Batch ID: 152182	Date: 03/21/2013 17:11										
SM 4500 Cl- E	460-52450-38 MSD	Chloride	1050		mg/Kg	997	105	90-110	1	10	
Batch ID: 152314	Date: 03/22/2013 09:44										
SM 4500 Cl- E	460-52459-A-2 -A MSD	Chloride	1045		mg/Kg	997	105	90-110	2	10	

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 151966 Date: 03/19/2013 17:00											
SM 4500 Cl- B	460-52132-B-1 MSD ^4	Chloride	200.6		mg/L	100	101	90-110	0	10	

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

FORM V-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 152182	Date: 03/21/2013 15:24										
						LCS Source:	WTchlLCS_00038				
SM 4500 Cl- E	LCSSRM 460-152182/6	Chloride	50.26		mg/Kg	53.0	94.8	88.9-10 5.8			
Batch ID: 152182	Date: 03/21/2013 15:35										
						LCS Source:	WTchlLCS_00038				
SM 4500 Cl- E	LCSSRM 460-152182/24	Chloride	51.18		mg/Kg	53.0	96.6	88.9-10 5.8			
Batch ID: 152182	Date: 03/21/2013 16:04										
						LCS Source:	WTchlLCS_00038				
SM 4500 Cl- E	LCSSRM 460-152182/52	Chloride	52.26		mg/Kg	53.0	98.6	88.9-10 5.8			
Batch ID: 152182	Date: 03/21/2013 16:27										
						LCS Source:	WTchlLCS_00038				
SM 4500 Cl- E	LCSSRM 460-152182/73	Chloride	51.00		mg/Kg	53.0	96.2	88.9-10 5.8			
Batch ID: 152182	Date: 03/21/2013 17:08										
						LCS Source:	WTchlLCS_00038				
SM 4500 Cl- E	LCSSRM 460-152182/106	Chloride	51.18		mg/Kg	53.0	96.6	88.9-10 5.8			
Batch ID: 152314	Date: 03/22/2013 09:37										
						LCS Source:	WTchlLCS_00038				
SM 4500 Cl- E	LCSSRM 460-152314/6	Chloride	50.75		mg/Kg	53.0	95.7	88.9-10 5.8			

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

FORM VIIA-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 151966	Date: 03/19/2013 17:00										
						LCS Source:	WTchlLCS_00038				
SM 4500 Cl- B	LCSSRM 460-151966/2	Chloride	50.60		mg/L	53.0	95.5	88.9-10 5.8			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-52450-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B MDL Date: 01/07/2013 10:09

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chloride		5	0.838

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-52450-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B XMDL Date: 01/07/2013 10:09

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	0.838

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-52450-1

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: 460-52450-1

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	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: TestAmerica Edison Job Number: 460-52450-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E MDL Date: 11/27/2012 08:53

Leach Method: D3987-85

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Chloride		100	58.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: TestAmerica Edison Job Number: 460-52450-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E XMDL Date: 11/27/2012 08:52

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	2.91

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 4500 Cl- B

Start Date: 03/19/2013 17:00 End Date: 03/19/2013 17:00

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
MB 460-151966/1	1	T	17:00	X																			
LCSSRM 460-151966/2	1	T	17:00	X																			
ZZZZZZ			17:00																				
460-52132-B-1 MS ^4	4	T	17:00	X																			
460-52132-B-1 MSD ^4	4	T	17:00	X																			
460-52450-45	1	T	17:00	X																			
ZZZZZZ			17:00																				

Prep Types

T = Total/NA

ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/18/2013 13:03 End Date: 03/18/2013 13:03

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Analytes: Moist
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
ZZZZZZ			13:03		
460-52450-1	1	T	13:03	X	X
460-52450-2	1	T	13:03	X	X
460-52450-3	1	T	13:03	X	X
460-52450-4	1	T	13:03	X	X
460-52450-5	1	T	13:03	X	X
460-52450-6	1	T	13:03	X	X
460-52450-6 DU	1	T	13:03	X	X

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/18/2013 13:35 End Date: 03/18/2013 13:35

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:35																					
460-52450-7	1	T	13:35	X	X																			
460-52450-8	1	T	13:35	X	X																			
460-52450-9	1	T	13:35	X	X																			
460-52450-10	1	T	13:35	X	X																			
460-52450-11	1	T	13:35	X	X																			
460-52450-12	1	T	13:35	X	X																			
460-52450-13	1	T	13:35	X	X																			
460-52450-14	1	T	13:35	X	X																			
460-52450-15	1	T	13:35	X	X																			
460-52450-16	1	T	13:35	X	X																			
460-52450-18	1	T	13:35	X	X																			
460-52450-17	1	T	13:35	X	X																			
460-52450-19	1	T	13:35	X	X																			
460-52450-20	1	T	13:35	X	X																			
460-52450-21	1	T	13:35	X	X																			
460-52450-22	1	T	13:35	X	X																			
460-52450-23	1	T	13:35	X	X																			
460-52450-24	1	T	13:35	X	X																			
460-52450-25	1	T	13:35	X	X																			
460-52450-25 DU	1	T	13:35	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/18/2013 14:04 End Date: 03/18/2013 14:04

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			14:04																					
460-52450-26	1	T	14:04	X	X																			
460-52450-27	1	T	14:04	X	X																			
460-52450-28	1	T	14:04	X	X																			
460-52450-29	1	T	14:04	X	X																			
460-52450-30	1	T	14:04	X	X																			
460-52450-31	1	T	14:04	X	X																			
460-52450-32	1	T	14:04	X	X																			
460-52450-33	1	T	14:04	X	X																			
460-52450-34	1	T	14:04	X	X																			
460-52450-35	1	T	14:04	X	X																			
460-52450-36	1	T	14:04	X	X																			
460-52450-37	1	T	14:04	X	X																			
460-52450-38	1	T	14:04	X	X																			
460-52450-39	1	T	14:04	X	X																			
460-52450-40	1	T	14:04	X	X																			
460-52450-41	1	T	14:04	X	X																			
460-52450-42	1	T	14:04	X	X																			
460-52450-43	1	T	14:04	X	X																			
460-52450-44	1	T	14:04	X	X																			
460-52450-44 DU	1	T	14:04	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/21/2013 15:03 End Date: 03/21/2013 17:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ICV 460-152182/1	1		15:03	X																			
ICB 460-152182/2	1		15:03	X																			
CCV 460-152182/3	1		15:24	X																			
CCB 460-152182/4	1		15:24	X																			
MB 460-152182/5	1	T	15:24	X																			
LCSSRM 460-152182/6	1	T	15:24	X																			
LB 460-151620/1-A	1	Y	15:24	X																			
460-52450-1	1	Y	15:24	X																			
460-52450-2	1	Y	15:24	X																			
460-52450-3	1	Y	15:24	X																			
460-52450-4	1	Y	15:24	X																			
460-52450-5	1	Y	15:24	X																			
460-52450-6	1	Y	15:24	X																			
460-52450-7	1	Y	15:24	X																			
CCV 460-152182/15	1		15:27	X																			
CCB 460-152182/16	1		15:27	X																			
460-52450-8	1	Y	15:27	X																			
460-52450-9	1	Y	15:27	X																			
CCV 460-152182/19	1		15:28	X																			
CCB 460-152182/20	1		15:28	X																			
CCV 460-152182/21	1		15:35	X																			
CCB 460-152182/22	1		15:35	X																			
MB 460-152182/23	1	T	15:35	X																			
LCSSRM 460-152182/24	1	T	15:35	X																			
LB 460-151620/1-A	1	Y	15:35	X																			
460-52450-1 MS	1	Y	15:35	X																			
460-52450-1 MSD	1	Y	15:35	X																			
460-52450-10	1	Y	15:38	X																			
460-52450-11	1	Y	15:38	X																			
460-52450-12	1	Y	15:38	X																			
460-52450-13	1	Y	15:38	X																			
460-52450-14	1	Y	15:38	X																			
CCV 460-152182/33	1		15:38	X																			
CCB 460-152182/34	1		15:38	X																			
CCV 460-152182/35	1		15:39	X																			
CCB 460-152182/36	1		15:39	X																			
460-52450-15	1	Y	15:41	X																			
460-52450-16	1	Y	15:41	X																			
460-52450-17	1	Y	15:41	X																			
460-52450-18	1	Y	15:41	X																			
CCV 460-152182/41	1		15:42	X																			
CCB 460-152182/42	1		15:42	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/21/2013 15:03 End Date: 03/21/2013 17:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
CCV 460-152182/43	1		15:48	X																			
CCB 460-152182/44	1		15:48	X																			
460-52450-10 MS	1	Y	15:48	X																			
460-52450-10 MSD	1	Y	15:48	X																			
CCV 460-152182/47	1		15:49	X																			
CCB 460-152182/48	1		15:49	X																			
CCV 460-152182/49	1		16:04	X																			
CCB 460-152182/50	1		16:04	X																			
MB 460-152182/51	1	T	16:04	X																			
LCSSRM 460-152182/52	1	T	16:04	X																			
460-52450-19	1	Y	16:04	X																			
460-52450-20	1	Y	16:04	X																			
CCV 460-152182/55	1		16:05	X																			
CCB 460-152182/56	1		16:05	X																			
LB 460-151982/1-A	1	Y	16:10	X																			
460-52450-21	1	Y	16:10	X																			
460-52450-22	1	Y	16:10	X																			
460-52450-23	1	Y	16:12	X																			
460-52450-24	1	Y	16:12	X																			
460-52450-25	1	Y	16:12	X																			
460-52450-26	1	Y	16:12	X																			
CCV 460-152182/64	1		16:13	X																			
CCB 460-152182/65	1		16:13	X																			
460-52450-19 MS	1	Y	16:15	X																			
460-52450-19 MSD	1	Y	16:15	X																			
CCV 460-152182/68	1		16:16	X																			
CCB 460-152182/69	1		16:16	X																			
CCV 460-152182/70	1		16:27	X																			
CCB 460-152182/71	1		16:27	X																			
MB 460-152182/72	1	T	16:27	X																			
LCSSRM 460-152182/73	1	T	16:27	X																			
LB 460-151620/1-A	1	Y	16:27	X																			
460-52450-27	1	Y	16:27	X																			
460-52450-28	1	Y	16:27	X																			
460-52450-29	1	Y	16:27	X																			
460-52450-30	1	Y	16:27	X																			
460-52450-31	1	Y	16:27	X																			
460-52450-32	1	Y	16:27	X																			
460-52450-33	1	Y	16:28	X																			
CCV 460-152182/82	1		16:29	X																			
CCB 460-152182/83	1		16:29	X																			
CCV 460-152182/84			16:45																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/21/2013 15:03 End Date: 03/21/2013 17:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
CCB 460-152182/85			16:45																				
ZZZZZZ			16:45																				
ZZZZZZ			16:45																				
ZZZZZZ			16:45																				
CCV 460-152182/89			16:46																				
CCB 460-152182/90			16:46																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:54																				
CCV 460-152182/94			16:54																				
CCB 460-152182/95			16:55																				
CCV 460-152182/96	1		17:04	X																			
CCB 460-152182/97	1		17:04	X																			
460-52450-34	1	Y	17:04	X																			
460-52450-35	1	Y	17:04	X																			
460-52450-27 MS	1	Y	17:04	X																			
460-52450-27 MSD	1	Y	17:04	X																			
LB 460-151982/1-A	1	Y	17:04	X																			
CCV 460-152182/103	1		17:05	X																			
CCB 460-152182/104	1		17:05	X																			
MB 460-152182/105	1	T	17:08	X																			
LCSSRM 460-152182/106	1	T	17:08	X																			
460-52450-36	1	Y	17:08	X																			
460-52450-37	1	Y	17:08	X																			
460-52450-38	1	Y	17:08	X																			
460-52450-39	1	Y	17:08	X																			
460-52450-40	1	Y	17:08	X																			
LB 460-151984/1-A	1	Y	17:08	X																			
460-52450-41	1	Y	17:08	X																			
LB 460-151982/1-A	1	Y	17:08	X																			
CCV 460-152182/115	1		17:09	X																			
CCB 460-152182/116	1		17:09	X																			
460-52450-42	1	Y	17:11	X																			
460-52450-43	1	Y	17:11	X																			
460-52450-38 MS	1	Y	17:11	X																			
460-52450-38 MSD	1	Y	17:11	X																			
CCV 460-152182/121	1		17:12	X																			
CCB 460-152182/122	1		17:12	X																			

Prep Types

T = Total/NA

Y = ASTM Leach

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/22/2013 09:19 End Date: 03/22/2013 12:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ICV 460-152314/1	1		09:19	X																			
ICB 460-152314/2	1		09:19	X																			
CCV 460-152314/3	1		09:37	X																			
CCB 460-152314/4	1		09:37	X																			
MB 460-152314/5	1	T	09:37	X																			
LCSSRM 460-152314/6	1	T	09:37	X																			
LB 460-151984/1-A	1	Y	09:37	X																			
460-52450-44	1	Y	09:37	X																			
ZZZZZZ			09:37																				
ZZZZZZ			09:38																				
ZZZZZZ			09:38																				
ZZZZZZ			09:38																				
ZZZZZZ			09:38																				
ZZZZZZ			09:38																				
CCV 460-152314/15	1		09:41	X																			
CCB 460-152314/16	1		09:41	X																			
ZZZZZZ			09:41																				
ZZZZZZ			09:41																				
CCV 460-152314/19	1		09:41	X																			
CCB 460-152314/20	1		09:41	X																			
460-52459-A-2-A MS	1	Y	09:44	X																			
460-52459-A-2-A MSD	1	Y	09:44	X																			
CCV 460-152314/23	1		09:45	X																			
CCB 460-152314/24	1		09:45	X																			
ZZZZZZ			09:46																				
ZZZZZZ			09:46																				
ZZZZZZ			09:46																				
ZZZZZZ			09:49																				
ZZZZZZ			09:49																				
ZZZZZZ			09:49																				
ZZZZZZ			09:49																				
ZZZZZZ			09:49																				
ZZZZZZ			09:49																				
ZZZZZZ			09:49																				
CCV 460-152314/35			09:50																				
CCB 460-152314/36			09:50																				
ZZZZZZ			09:53																				
ZZZZZZ			09:53																				
ZZZZZZ			09:53																				
CCV 460-152314/40			09:55																				
CCB 460-152314/41			09:55																				
CCV 460-152314/42			10:07																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/22/2013 09:19 End Date: 03/22/2013 12:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
CCB 460-152314/43			10:07																				
ZZZZZZ			10:07																				
ZZZZZZ			10:07																				
ZZZZZZ			10:07																				
ZZZZZZ			10:07																				
ZZZZZZ			10:07																				
ZZZZZZ			10:07																				
ZZZZZZ			10:08																				
ZZZZZZ			10:08																				
ZZZZZZ			10:08																				
ZZZZZZ			10:08																				
CCV 460-152314/54			10:10																				
CCB 460-152314/55			10:11																				
ZZZZZZ			10:11																				
ZZZZZZ			10:11																				
CCV 460-152314/58			10:11																				
CCB 460-152314/59			10:11																				
CCV 460-152314/60			10:25																				
CCB 460-152314/61			10:25																				
ZZZZZZ			10:25																				
ZZZZZZ			10:25																				
ZZZZZZ			10:25																				
ZZZZZZ			10:25																				
ZZZZZZ			10:25																				
ZZZZZZ			10:25																				
ZZZZZZ			10:27																				
CCV 460-152314/70			10:27																				
CCB 460-152314/71			10:27																				
ZZZZZZ			10:29																				
ZZZZZZ			10:29																				
CCV 460-152314/74			10:29																				
CCB 460-152314/75			10:29																				
ZZZZZZ			10:34																				
ZZZZZZ			10:34																				
ZZZZZZ			10:34																				
ZZZZZZ			10:34																				
ZZZZZZ			10:34																				
ZZZZZZ			10:34																				
CCV 460-152314/82			10:36																				
CCB 460-152314/83			10:36																				
ZZZZZZ			10:38																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/22/2013 09:19 End Date: 03/22/2013 12:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ZZZZZZ			10:38																				
ZZZZZZ			10:39																				
ZZZZZZ			10:39																				
ZZZZZZ			10:39																				
CCV 460-152314/89			10:41																				
CCB 460-152314/90			10:41																				
ZZZZZZ			10:46																				
ZZZZZZ			10:46																				
ZZZZZZ			10:46																				
CCV 460-152314/94			10:49																				
CCB 460-152314/95			10:49																				
CCV 460-152314/96			11:04																				
CCB 460-152314/97			11:04																				
ZZZZZZ			11:04																				
ZZZZZZ			11:04																				
ZZZZZZ			11:05																				
ZZZZZZ			11:05																				
ZZZZZZ			11:05																				
ZZZZZZ			11:05																				
ZZZZZZ			11:05																				
ZZZZZZ			11:05																				
ZZZZZZ			11:05																				
CCV 460-152314/107			11:06																				
CCB 460-152314/108			11:06																				
CCV 460-152314/109			11:18																				
CCB 460-152314/110			11:18																				
ZZZZZZ			11:18																				
ZZZZZZ			11:18																				
ZZZZZZ			11:19																				
ZZZZZZ			11:19																				
ZZZZZZ			11:19																				
CCV 460-152314/116			11:21																				
CCB 460-152314/117			11:21																				
CCV 460-152314/118			11:28																				
CCB 460-152314/119			11:28																				
ZZZZZZ			11:29																				
CCV 460-152314/121			11:31																				
CCB 460-152314/122			11:31																				
ZZZZZZ			11:36																				
ZZZZZZ			11:36																				
ZZZZZZ			11:39																				
ZZZZZZ			11:39																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-52450-1

SDG No.:

Instrument ID: Konelab1   Method: SM 4500 Cl- E

Start Date: 03/22/2013 09:19   End Date: 03/22/2013 12:14

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ZZZZZZ			11:39																				
ZZZZZZ			11:39																				
ZZZZZZ			11:39																				
ZZZZZZ			11:39																				
ZZZZZZ			11:39																				
ZZZZZZ			11:39																				
CCV 460-152314/133			11:40																				
CCB 460-152314/134			11:40																				
ZZZZZZ			11:44																				
ZZZZZZ			11:45																				
CCV 460-152314/137			11:47																				
CCB 460-152314/138			11:47																				
CCV 460-152314/139			11:58																				
CCB 460-152314/140			11:58																				
ZZZZZZ			11:58																				
ZZZZZZ			11:58																				
ZZZZZZ			11:58																				
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ZZZZZZ			11:58																				
ZZZZZZ			11:59																				
ZZZZZZ			11:59																				
ZZZZZZ			11:59																				
CCV 460-152314/150			12:01																				
CCB 460-152314/151			12:01																				
CCV 460-152314/152			12:09																				
CCB 460-152314/153			12:09																				
ZZZZZZ			12:09																				
ZZZZZZ			12:09																				
ZZZZZZ			12:09																				
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ZZZZZZ			12:09																				
ZZZZZZ			12:09																				
ZZZZZZ			12:09																				
ZZZZZZ			12:09																				
CCV 460-152314/162			12:10																				
CCB 460-152314/163			12:10																				
ZZZZZZ			12:13																				
CCV 460-152314/165			12:14																				
CCB 460-152314/166			12:14																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/22/2013 09:19 End Date: 03/22/2013 12:14

Prep Types
T = Total/NA
Y = ASTM Leach

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151966 Batch Start Date: 03/19/13 17:00 Batch Analyst: Vu, Huan

Batch Method: SM 4500 Cl- B Batch End Date: 03/20/13 17:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00038	WTchlSP1 00014	AnalysisComment		
MB 460-151966/1		SM 4500 Cl-B		100 mL			B-2710-13 : 0136 N AgNO3 exp;07/31/13		
LCSSRM 460-151966/2		SM 4500 Cl-B		100 mL	100 mL		B-2578-13 : K2CrO4 exp;04/23/13		
460-52132-B-1 MS ^4		SM 4500 Cl-B	T	100 mL		2.5 mL			
460-52132-B-1 MSD ^4		SM 4500 Cl-B	T	100 mL		2.5 mL			
460-52450-C-45	FB_031513	SM 4500 Cl-B	T	100 mL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151558 Batch Start Date: 03/18/13 13:03 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-52450-A-1	PMP-21-NE-VD	Moisture	T	15	1.02 g	6.47 g	6.23 g		
460-52450-F-2	PMP-21-NE-WT	Moisture	T	16	0.99 g	6.28 g	5.69 g		
460-52450-F-3	PMP-21-NE-SI	Moisture	T	17	1.01 g	6.58 g	6.05 g		
460-52450-F-4	PMP-23-NE-VS	Moisture	T	18	0.99 g	6.78 g	6.44 g		
460-52450-F-5	PMP-14-NE VS	Moisture	T	19	1.07 g	6.53 g	6.19 g		
460-52450-F-6	PMP-8-NE-VS	Moisture	T	20	1.05 g	6.81 g	6.49 g		
460-52450-F-6 DU	PMP-8-NE-VS	Moisture	T	21	1.00 g	6.72 g	6.42 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	3/18/13
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	13:34
Date samples were removed from oven	3/19/13
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	08:23
Oven ID	3
ID number of the thermometer	C4387
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	104 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151567 Batch Start Date: 03/18/13 13:35 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-52450-F-7	PMP-8-NE-VD	Moisture	T	23	1.01 g	6.40 g	6.24 g		
460-52450-F-8	PMP-8-NE-WT	Moisture	T	24	1.01 g	6.68 g	6.44 g		
460-52450-F-9	PMP-4-NE-VS	Moisture	T	25	1.03 g	6.25 g	5.85 g		
460-52450-F-10	PMP-4-NE-VD	Moisture	T	26	1.01 g	6.55 g	6.25 g		
460-52450-F-11	PMP-22-NE-VS	Moisture	T	27	1.01 g	6.26 g	5.95 g		
460-52450-F-12	PMP-22-NE-VD	Moisture	T	28	1.00 g	6.39 g	6.16 g		
460-52450-F-13	PMP-22-NE-WT	Moisture	T	29	1.01 g	6.62 g	6.06 g		
460-52450-F-14	PMP-6-NE-VD	Moisture	T	30	1.01 g	6.86 g	6.58 g		
460-52450-F-15	PMP-6-NE-WT	Moisture	T	31	1.01 g	6.85 g	6.24 g		
460-52450-F-16	PMP-6-NE-SI	Moisture	T	32	1.03 g	6.39 g	5.66 g		
460-52450-F-18	PMP-5-NE-WT	Moisture	T	33	1.01 g	6.84 g	6.37 g		
460-52450-F-17	PMP-5-NE-VD	Moisture	T	34	0.99 g	6.12 g	5.94 g		
460-52450-F-19	PMP-5-NE-SI	Moisture	T	35	1.03 g	6.48 g	5.71 g		
460-52450-F-20	PMP-7-NE-VD	Moisture	T	36	1.02 g	6.60 g	6.28 g		
460-52450-F-21	PMP-7-NE-WT	Moisture	T	37	1.04 g	6.34 g	5.99 g		
460-52450-F-22	PMP-7-NE-SI	Moisture	T	38	1.01 g	6.13 g	5.29 g		
460-52450-F-23	PMP-10-NE-VD	Moisture	T	39	1.03 g	6.25 g	5.86 g		
460-52450-F-24	PMP-10-NE-WT	Moisture	T	40	1.03 g	6.39 g	5.72 g		
460-52450-F-25	PMP-10-NE-SI	Moisture	T	41	0.99 g	6.91 g	6.24 g		
460-52450-F-25 DU	PMP-10-NE-SI	Moisture	T	42	0.97 g	6.41 g	5.78 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151567 Batch Start Date: 03/18/13 13:35 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	3/18/13
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	14:03
Date samples were removed from oven	3/19/13
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	08:23
Oven ID	3
ID number of the thermometer	C4387
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	104 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151572 Batch Start Date: 03/18/13 14:04 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-52450-F-26	PMP-10-NE-SD	Moisture	T	44	1.00 g	6.96 g	6.20 g		
460-52450-F-27	PMP-9-NE-VD	Moisture	T	45	1.00 g	6.42 g	6.17 g		
460-52450-F-28	PMP-9-NE-WT	Moisture	T	46	1.06 g	6.25 g	5.77 g		
460-52450-F-29	PMP-9-NE-SI	Moisture	T	47	1.01 g	6.54 g	5.90 g		
460-52450-F-30	PMP-13-NE-VD	Moisture	T	48	1.01 g	6.74 g	6.45 g		
460-52450-F-31	PMP-13-NE-WT	Moisture	T	49	1.01 g	6.55 g	5.95 g		
460-52450-F-32	PMP-13-NE-SI	Moisture	T	50	1.02 g	6.52 g	5.69 g		
460-52450-F-33	PMP-13-NE-SD	Moisture	T	51	1.03 g	6.82 g	5.72 g		
460-52450-F-34	PMP-16-NE-VD	Moisture	T	52	1.00 g	6.44 g	6.11 g		
460-52450-F-35	PMP-16-NE-WT	Moisture	T	53	1.00 g	6.69 g	6.03 g		
460-52450-F-36	PMP-16-NE-SI	Moisture	T	54	1.01 g	6.18 g	5.44 g		
460-52450-F-37	PMP-15-NE-VD	Moisture	T	55	0.99 g	6.61 g	6.20 g		
460-52450-F-38	PMP-15-NE-WT	Moisture	T	56	0.99 g	6.16 g	5.61 g		
460-52450-F-39	PMP-15-NE-SI	Moisture	T	57	1.02 g	6.32 g	5.77 g		
460-52450-F-40	PMP-15-NE-SD	Moisture	T	58	1.03 g	6.46 g	5.92 g		
460-52450-F-41	PMP-28-NE-VD	Moisture	T	59	1.03 g	6.52 g	6.28 g		
460-52450-F-42	PMP-28-NE-WT	Moisture	T	60	1.01 g	6.87 g	6.35 g		
460-52450-F-43	PMP-28-NE-SI	Moisture	T	61	1.00 g	6.17 g	5.50 g		
460-52450-F-44	PMP-28-NE-SD	Moisture	T	62	1.01 g	6.13 g	5.51 g		
460-52450-F-44 DU	PMP-28-NE-SD	Moisture	T	63	1.03 g	6.43 g	5.74 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151572 Batch Start Date: 03/18/13 14:04 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	3/18/13
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	14:25
Date samples were removed from oven	3/19/13
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	08:23
Oven ID	3
ID number of the thermometer	C4387
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	104 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151620 Batch Start Date: 03/18/13 16:35 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/19/13 10:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-151620/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	6.41 SU	30% head space in 1 L container		
460-52450-A-1	PMP-21-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	6.32 SU	30% head space in 1 L container		
460-52450-A-2	PMP-21-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	5.79 SU	30% head space in 1 L container		
460-52450-A-3	PMP-21-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.84 SU	30% head space in 1 L container		
460-52450-A-4	PMP-23-NE-VS	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	7.28 SU	30% head space in 1 L container		
460-52450-A-5	PMP-14-NE VS	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	7.59 SU	30% head space in 1 L container		
460-52450-A-6	PMP-8-NE-VS	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	7.87 SU	30% head space in 1 L container		
460-52450-A-7	PMP-8-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.59 SU	30% head space in 1 L container		
460-52450-A-8	PMP-8-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.39 SU	30% head space in 1 L container		
460-52450-A-9	PMP-4-NE-VS	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	8.18 SU	30% head space in 1 L container		
460-52450-A-10	PMP-4-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.64 SU	30% head space in 1 L container		
460-52450-A-11	PMP-22-NE-VS	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	6.80 SU	30% head space in 1 L container		
460-52450-A-12	PMP-22-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	6.77 SU	30% head space in 1 L container		
460-52450-A-13	PMP-22-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.13 g	700 mL	6.03 SU	30% head space in 1 L container		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151620 Batch Start Date: 03/18/13 16:35 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/19/13 10:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
460-52450-A-14	PMP-6-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	6.49 SU	30% head space in 1 L container		
460-52450-A-15	PMP-6-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.15 g	700 mL	6.63 SU	30% head space in 1 L container		
460-52450-A-16	PMP-6-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.00 SU	30% head space in 1 L container		
460-52450-A-17	PMP-5-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	6.43 SU	30% head space in 1 L container		
460-52450-A-18	PMP-5-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.43 SU	30% head space in 1 L container		
460-52450-A-19	PMP-5-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	5.26 SU	30% head space in 1 L container		
460-52450-A-20	PMP-7-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.57 SU	30% head space in 1 L container		

Batch Notes	
Balance ID	13
Batch Comment	room temp = 22.4C; preservation with 10% H2SO4 (C9333-13 exp. 09/12/13)
Blank Soil Lot Number	pH meter F

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151982 Batch Start Date: 03/20/13 19:04 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/21/13 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-151982/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	6.21 SU	30% Headspace in 1L container.		
460-52450-A-21	PMP-7-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.38 SU	30% Headspace in 1L container.		
460-52450-A-22	PMP-7-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	5.86 SU	30% Headspace in 1L container.		
460-52450-A-23	PMP-10-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.15 SU	30% Headspace in 1L container.		
460-52450-A-24	PMP-10-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.70 SU	30% Headspace in 1L container.		
460-52450-A-25	PMP-10-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	6.16 SU	30% Headspace in 1L container.		
460-52450-A-26	PMP-10-NE-SD	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.49 SU	30% Headspace in 1L container.		
460-52450-A-27	PMP-9-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	6.36 SU	30% Headspace in 1L container.		
460-52450-A-28	PMP-9-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	5.47 SU	30% Headspace in 1L container.		
460-52450-A-29	PMP-9-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	4.85 SU	30% Headspace in 1L container.		
460-52450-A-30	PMP-13-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	6.47 SU	30% Headspace in 1L container.		
460-52450-A-31	PMP-13-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.48 SU	30% Headspace in 1L container.		
460-52450-A-32	PMP-13-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	5.85 SU	30% Headspace in 1L container.		
460-52450-A-33	PMP-13-NE-SD	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	5.91 SU	30% Headspace in 1L container.		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151982 Batch Start Date: 03/20/13 19:04 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/21/13 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
460-52450-A-34	PMP-16-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.46 SU	30% Headspace in 1L container.		
460-52450-A-35	PMP-16-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.05 SU	30% Headspace in 1L container.		
460-52450-A-36	PMP-16-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.00 g	700 mL	5.37 SU	30% Headspace in 1L container.		
460-52450-A-37	PMP-15-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.94 SU	30% Headspace in 1L container.		
460-52450-A-38	PMP-15-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	6.18 SU	30% Headspace in 1L container.		
460-52450-A-39	PMP-15-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	4.63 SU	30% Headspace in 1L container.		
460-52450-A-40	PMP-15-NE-SD	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.89 SU	30% Headspace in 1L container.		

Batch Notes	
Balance ID	13
Batch Comment	room temp = 21.0C
Blank Soil Lot Number	pH meter F

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 151984 Batch Start Date: 03/20/13 19:06 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/21/13 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-151984/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	6.21 SU	30% head space in 1L container.		
460-52450-A-41	PMP-28-NE-VD	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	6.62 SU	30% head space in 1L container.		
460-52450-A-42	PMP-28-NE-WT	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	4.95 SU	30% head space in 1L container.		
460-52450-A-43	PMP-28-NE-SI	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.48 SU	30% head space in 1L container.		
460-52450-A-44	PMP-28-NE-SD	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.72 SU	30% head space in 1L container.		

Batch Notes	
Balance ID	13
Batch Comment	room temp = 21.0C
Blank Soil Lot Number	pH meter F

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 152182 Batch Start Date: 03/21/13 15:03 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 03/21/13 17:12

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00038	WTchlSP1 00014	WTchlss1 00011	AnalysisComment	
ICV 460-152182/1		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152182/3		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-152182/6		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-152182/15		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152182/19		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152182/21		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-152182/24		SM 4500 Cl- E		50 mL	50 mL				
460-52450-A-1-A MS	PMP-21-NE-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-52450-A-1-A MSD	PMP-21-NE-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-152182/33		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152182/35		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152182/41		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152182/43		SM 4500 Cl- E		50 mL			2.5 mL		
460-52450-A-10-A MS	PMP-4-NE-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-52450-A-10-A MSD	PMP-4-NE-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-152182/47		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152182/49		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-152182/52		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-152182/55		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152182/64		SM 4500 Cl- E		50 mL			2.5 mL		
460-52450-A-19-A MS	PMP-5-NE-SI	SM 4500 Cl- E	Y	50 mL		2.5 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 152182 Batch Start Date: 03/21/13 15:03 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 03/21/13 17:12

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00038	WTchlSP1 00014	WTchlss1 00011	AnalysisComment	
460-52450-A-19-A MSD	PMP-5-NE-SI	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-152182/68		SM 4500 Cl-E		50 mL			2.5 mL		
CCV 460-152182/70		SM 4500 Cl-E		50 mL			2.5 mL		
LCSSRM 460-152182/73		SM 4500 Cl-E		50 mL	50 mL				
CCV 460-152182/82		SM 4500 Cl-E		50 mL			2.5 mL		
CCV 460-152182/96		SM 4500 Cl-E		50 mL			2.5 mL		
460-52450-A-27-A MS	PMP-9-NE-VD	SM 4500 Cl-E	Y	50 mL		2.5 mL			
460-52450-A-27-A MSD	PMP-9-NE-VD	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-152182/103		SM 4500 Cl-E		50 mL			2.5 mL		
LCSSRM 460-152182/106		SM 4500 Cl-E		50 mL	50 mL				
LB 460-151984/1-A		SM 4500 Cl-E						Not needed	
CCV 460-152182/115		SM 4500 Cl-E		50 mL			2.5 mL		
460-52450-A-38-A MS	PMP-15-NE-WT	SM 4500 Cl-E	Y	50 mL		2.5 mL			
460-52450-A-38-A MSD	PMP-15-NE-WT	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-152182/121		SM 4500 Cl-E		50 mL			2.5 mL		

Batch Notes	
Color Reagent ID Number	C-9353-13 exp. 09/18/13
Filter Paper Lot Number	CCV: A(57701)13 exp. 04/18/13
Pipette ID	Cal. curve: A(57694-57700)13 exp. 04/18/13

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-52450-1

SDG No.:

Batch Number: 152314 Batch Start Date: 03/22/13 09:19 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 03/22/13 12:14

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00038	WTchlSP1 00014	WTchlss1 00011		
ICV 460-152314/1		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152314/3		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-152314/6		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-152314/15		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-152314/19		SM 4500 Cl- E		50 mL			2.5 mL		
460-52459-A-2-A MS		SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-52459-A-2-A MSD		SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-152314/23		SM 4500 Cl- E		50 mL			2.5 mL		

Batch Notes	
Color Reagent ID Number	C-9353-13 exp. 09/18/13
Filter Paper Lot Number	CCV: A(57701)13 exp. 04/18/13
Pipette ID	Cal. curve: A(57694-57700)13 exp. 04/18/13

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

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

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) Chris Gorski + Jared Levine	Site/Project Identification Former McCandless Fuels
Company Antea Group	P. O. # 8E08124855P Phase 0007	State (Location of site): NJ: ✓ NY: ☐ Other:
Address 1031 U.S. Highway 22 Suite 100	Analysis Turnaround Time: Standard ✓	Regulatory Program: SRP
City Bridgewater State NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 908-547-3834 Fax		Job No: 52450

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B TCL VOCs	8270C TCL BNAs	8082 PCBs	OGA GRO TPH	SM4500S2-C-E Chlor-de	Sample Numbers
PMP-21-NE-VD	3/14/14	0920	So.1	G	X	X	X	X	X	1
PMP-21-NE-WT		0925								2
PMP-21-NE-SI		0930								3
PMP-23-NE-VS		1015								4
PMP-24-NE VS		0945								5
PMP-8-NEVS		1030								6
PMP-8-NE-VD		1035								7
PMP-8-NE-WT		1040								8
PMP-4-NE-VS		1050								9
PMP-4-NE-VD	↓	1055	↓	↓	↓	↓	↓	↓	↓	10
				Soil:	1,6	1	1	1	1	
				Water:						

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other Methanol, 7 = Other _____

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Antea Group	3/15/13 0912	1)	
2)		3/15/13 1316	2)	
3)		3/15 1505	3)	TA Ed
4)			4)	

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

TAT 4, 1/2.1, 1/21, 3/4.1

CS# 80135,356
Q01235,Q01135

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): Chris Gorski & Jared Levine	Site/Project Identification: Former McCandless Fuels
Company: Antea Group	P.O. #: 8E0812455P Phase 0007	State (Location of site): NJ: ✓ NY: ☐ Other:
Address: 1031 U.S. Highway 22 Suite 100		Regulatory Program: SRP
City: Bridgewater State: NJ		
Phone: 908-547-3334 Fax:		

Analysis Turnaround Time: Standard ☑
Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐

LAB USE ONLY
Project No:
Job No: 52450

Sample Identification	Date	Time	Matrix	No. of. Cont.	8260B TCL VOC+10	8270C TCL BN+15	8082 PCBS	OQA QAM TPH	SM4500-CL-E Chloride							Sample Numbers
PMP-22-NE-VS	3/14/13	1125	Soil	6	X	X	X	X	X							11
PMP-22-NE-VO	↓	1130	↓	↓	↓	↓	↓	↓	↓							12
PMP-22-NE-WT	↓	1135	↓	↓	↓	↓	↓	↓	↓							13
PMP-6-NE-VO	↓	1150	↓	↓	↓	↓	↓	↓	↓							14
PMP-6-NE-WT	↓	1155	↓	↓	↓	↓	↓	↓	↓							15
PMP-6-NE-SI	↓	1200	↓	↓	↓	↓	↓	↓	↓							16
PMP-5-NE-VO	↓	1220	↓	↓	↓	↓	↓	↓	↓							17
PMP-5-NE-WT	↓	1225	↓	↓	↓	↓	↓	↓	↓							18
PMP-5-NE-SI	↓	1230	↓	↓	↓	↓	↓	↓	↓							19
PMP-7-NE-VO	↓	1345	↓	↓	↓	↓	↓	↓	↓							20
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other Methanol, 7 = Other ____				Soil:	1,6	1	1	1	1							
				Water:												

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Antea Group	03/13/13 0912	1) [signature]	[signature]
2) [signature]	[signature]	3/15/13 1316	2) [signature]	[signature]
3) [signature]	[signature]	3/17 1505	3) [signature]	TA Ed
4)			4)	

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)

IR#4. 1/2.1, 1/2.1, 3/4.1 CS#s 801353,356 801350,01135

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Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento
Company: Antea Group
Address: 1031 U.S. Highway 22 Suite 100
City: Bridgewater State: NJ
Phone: 908-547 3834 Fax:

Samplers Name (Printed): Chris Gorski & Jared Levine
P. O. #: 8E0812485P Phase 0007

Site/Project Identification: Former McCandless Fuels
State (Location of site): NJ: ✓ NY: ☐ Other:
Regulatory Program: SRP

Analysis Turnaround Time
Standard ✓
Rush Chrages Authorized For:
2 Week ☐
1 Week ☐
Other ☐

LAB USE ONLY
Project No:
Job No: 52450

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	VOC+10 TCl (8260B)	BN+15 (8270C)	PCBs (8082)	OQA-QAM TPH	SM4500-Cl-E Chloride							Sample Numbers
PMP-7-NE-WT	3/14/13	1350	Soil	6	X	X	X	X	X							21
PMP-7-NE-SI	↓	1355	↓	↓	↓	↓	↓	↓	↓							22
PMP-10-NE-VO	↓	1425	↓	↓	↓	↓	↓	↓	↓							23
PMP-10-NE-WT	↓	1430	↓	↓	↓	↓	↓	↓	↓							24
PMP-10-NE-SI	↓	1435	↓	↓	↓	↓	↓	↓	↓							25
PMP-10-NE-SO	↓	1440	↓	↓	↓	↓	↓	↓	↓							26
PMP-9-NE-VO	↓	1450	↓	↓	↓	↓	↓	↓	↓							27
PMP-9-NE-WT	↓	1455	↓	↓	↓	↓	↓	↓	↓							28
PMP-9-NE-SI	↓	1500	↓	↓	↓	↓	↓	↓	↓							29
PMP-13-NE-VO	↓	1535		↓	↓	↓	↓	↓	↓							30
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1,6	1	1	1	1							
6 = Other Methanol, 7 = Other ______				Water:												

Special Instructions ______ Water Metals Filtered (Yes/No)? ______

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Antea Group	3/15/13 0912	1) [signature]	[signature]
2) [signature]	[signature]	3/15/13 1316	2) [signature]	[signature]
3) [signature]	[signature]	3/15 1505	3) [signature]	TA Ed
4)			4)	

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)

IR#4, 1/2.1, 1/2.1, 3/4.1

CS# 801353, 356 801235, 801135

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Ciara Nascimento	Samplers Name (Printed): Chris Goeslin & Jared Levine	Site/Project Identification: Former Metamora Facility
Company: Antea Group	P. O. #: 8600124758 Phase 0007	State (Location of site): NJ: X NY: Other:
Address: 1031 US Highway 22, Suite 100	Analysis Turnaround Time: Standard X	Regulatory Program: SRP
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week / 1 Week / Other	LAB USE ONLY Project No:
Phone: 908-547-3834 Fax:		Job No: 52450

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs (8260B)	BNA's (8270C)	PCBs (8082)	TPH DRO (10 Atm Chloride)							Sample Numbers
PMP-13-NE-WT	3/14/13	1540	So.1	6	X	X	X	X	X						31
PMP-13-NE-SI		1545													32
PMP-13-NE-SD		1550													33
PMP-16-NE-VD		1615													34
PMP-16-NE-WT		1620													35
PMP-16-NE-SI		1625													36
PMP-15-NE-VD		1650													37
PMP-15-NE-WT		1655													38
PMP-15-NE-SI		1700													39
PMP-15-NE-SD		1705													40
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1,6	1	1	1	1						
6 = Other MeThanol, 7 = Other				Water:											

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1)	Antea Group	3/15/13 0912		
Relinquished by 2)	Company	Date / Time 3/15 1736	Received by 2)	Company
Relinquished by 3)	Company	Date / Time 3/15 1505	Received by 3)	Company TA Ed
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578) DRAFT, 1/2.1, 1/2.1, 3/4.1

CS# 801353, 356

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento
Company: Antea Group
Address: 1031 US Highway 22, Suite 100
City: Bridgewater State: NJ
Phone: 908-547-3834 Fax:

Samplers Name (Printed): Chris Goeslei & Jared Levine
P. O. #: 8208124858 Phase 0007

Site/Project Identification: Former McCandless Fuels
State (Location of site): NJ: [X] NY: [ ] Other:
Regulatory Program: SRP

Analysis Turnaround Time: Standard [X]
Rush Chrages Authorized For: 2 Week [ ] 1 Week [ ] Other [ ]

LAB USE ONLY
Project No:
Job No: 52450

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	VOC+10 (8260B)	BN+15 (8270C)	PCBs (8082)	TPH DQA-QAM	chloride	Sample Numbers
PMP-28-NE-UO	3/14/13	1735	Soil	6	X	X	X	X	X	41
PMP-28-NE-WT	↓	1740	↓	↓	X	X	X	X	X	42
PMP-28-NE-SI	↓	1745	↓	↓	X	X	X	X	X	43
PMP-28-NE-SD	↓	1750	↓	↓	X	X	X	X	X	~~45~~ 44
FB_031513	3/15/13	0730	Water	5	X	X	X	X	X	~~46~~ 45
TRIP Blank	3/15/13	—	↓	2	X					~~47~~ 46

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other Methanol, 7 = Other ______

	VOC+10	BN+15	PCBs	TPH	chloride
Soil:	1,6	1	1	1	1
Water:	1,2	1	1	1,2	1

Special Instructions

Water Metals Filtered (Yes/No)? ______

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	Antea Group	3/15/13 0912	1) [signature]	[signature]
2) [signature]	[signature]	3/15 1316	2) [signature]	TA
3) [signature]	TA	3/15 1505	3) [signature]	TA Ed
4)			4)	

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)

IR#4, 1/2.1, 1/2.1, 3/4.1   CS# 801353, 356

TestAmerica Edison Receipt Temperature and pH Log

Job Number: 52450

Number of Coolers: 3 IR Gun # 4

Temp. Cooler #1 (Deg C) (Raw/Corrected) 1/2.1 Temp. Cooler #4 (Deg C) (Raw/Corrected) _____ Temp. Cooler #7 (Deg C) (Raw/Corrected) _____

Temp. Cooler #2 (Deg C) (Raw/Corrected) 1/2.1 Temp. Cooler #5 (Deg C) (Raw/Corrected) _____ Temp. Cooler #8 (Deg C) (Raw/Corrected) _____

Temp. Cooler #3 (Deg C) (Raw/Corrected) 3/4.1 Temp. Cooler #6 (Deg C) (Raw/Corrected) _____ Temp. Cooler #9 (Deg C) (Raw/Corrected) _____

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 OAM
45													LZ

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.*

EDS-WI-038, Rev 3, 10/8/12

Initials: _____ Date: 3/15/13

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-52450-1

Login Number: 52450

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	801353,801356,801235,801135
Sample custody seals, if present, are intact.	N/A	
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	2.1,2.1,4.1° C IR #4
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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	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.